

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

04/18/2024

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	18.07	18.14	18.12	17.39	18.15	18.86	21.20	27.61	26.25	24.68	30.91	30.29	28.77	32.24	34.83	32.22	32.09	32.25	33.77	33.82	31.79	28.70	30.05	24.99
24138	0.95	0.94	0.94	0.89	0.88	0.95	1.16	1.73	1.48	1.39	1.63	1.77	1.61	1.68	1.84	1.67	1.62	1.81	1.82	1.84	1.72	1.32	1.22	0.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.73	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	18.09	18.16	18.14	17.41	18.16	18.88	21.21	27.64	26.26	24.68	30.91	30.29	28.77	32.25	34.85	32.23	32.10	32.26	33.79	33.86	31.85	28.76	30.10	25.03
24260	0.98	0.96	0.96	0.91	0.90	0.97	1.17	1.75	1.48	1.39	1.63	1.77	1.61	1.69	1.85	1.67	1.64	1.82	1.84	1.89	1.77	1.38	1.28	0.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.72	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	18.09	18.16	18.14	17.41	18.16	18.88	21.21	27.64	26.26	24.68	30.91	30.29	28.77	32.25	34.85	32.23	32.10	32.26	33.79	33.86	31.85	28.76	30.10	25.03
24261	0.98	0.96	0.96	0.91	0.90	0.97	1.17	1.75	1.48	1.39	1.63	1.77	1.61	1.69	1.85	1.67	1.64	1.82	1.84	1.89	1.77	1.38	1.28	0.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.72	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	17.61	17.73	17.73	17.05	17.83	18.56	20.88	26.98	25.74	24.27	29.01	29.71	28.05	31.52	34.04	31.54	31.37	31.57	33.31	33.55	31.42	28.29	29.52	24.53
24011	0.50	0.52	0.55	0.55	0.57	0.65	0.84	1.09	0.96	0.98	1.13	1.22	0.89	0.96	1.04	0.98	0.91	1.13	1.36	1.57	1.34	0.91	0.69	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	17.65	17.77	17.77	17.11	17.89	18.65	21.00	27.08	25.82	24.36	29.13	29.85	28.16	31.64	34.15	31.67	31.48	31.73	33.53	33.82	31.65	28.43	29.62	24.60
23798	0.54	0.57	0.59	0.61	0.63	0.75	0.97	1.19	1.04	1.07	1.25	1.36	1.00	1.08	1.16	1.11	1.01	1.29	1.58	1.85	1.58	1.05	0.79	0.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	17.61	17.73	17.73	17.05	17.83	18.56	20.88	26.98	25.74	24.27	29.01	29.71	28.05	31.52	34.04	31.54	31.37	31.57	33.31	33.55	31.42	28.29	29.52	24.53
24028	0.50	0.52	0.55	0.55	0.57	0.65	0.84	1.09	0.96	0.98	1.13	1.22	0.89	0.96	1.04	0.98	0.91	1.13	1.36	1.57	1.34	0.91	0.69	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	17.84	17.94	17.96	17.26	18.02	18.73	20.92	26.92	25.45	23.95	28.74	29.25	27.94	31.32	33.84	31.34	31.09	31.15	32.92	33.16	31.06	28.08	29.40	24.50
23527	0.73	0.74	0.77	0.76	0.76	0.83	0.88	1.04	0.67	0.65	0.78	0.76	0.78	0.76	0.85	0.79	0.62	0.71	0.97	1.18	0.98	0.70	0.57	0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	17.24	17.35	17.33	16.66	17.40	18.01	20.13	26.12	24.86	23.37	27.94	28.53	27.17	30.52	32.98	30.53	30.42	30.47	32.02	32.10	30.14	27.28	28.59	23.83
24190	0.13	0.15	0.15	0.15	0.14	0.10	0.10	0.23	0.08	0.08	0.04	0.04	0.02	-0.04	-0.01	-0.02	-0.05	0.02	0.07	0.13	0.06	-0.10	-0.24	-0.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.35	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	17.06	17.14	17.15	16.45	17.20	17.83	19.89	25.57	24.68	23.19	27.47	28.36	27.12	30.61	33.07	30.59	30.50	30.28	31.85	31.78	29.89	27.34	28.87	24.28
355683	-0.05	-0.06	-0.03	-0.04	-0.06	-0.08	-0.15	-0.32	-0.10	-0.10	-0.08	-0.12	-0.04	0.05	0.07	0.04	0.04	-0.16	-0.11	-0.19	-0.18	-0.04	0.05	0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	17.61	17.72	17.71	17.02	17.79	18.45	20.65	26.76	25.47	23.92	28.21	29.16	27.75	31.17	33.70	31.21	31.10	31.17	32.79	32.91	30.89	27.98	29.32	24.45
323833	0.50	0.52	0.53	0.52	0.53	0.54	0.62	0.87	0.70	0.62	0.66	0.68	0.59	0.61	0.71	0.66	0.63	0.73	0.84	0.93	0.81	0.59	0.49	0.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	17.60	17.71	17.71	17.02	17.79	18.44	20.64	26.76	25.47	23.91	28.21	29.15	27.74	31.17	33.69	31.21	31.09	31.17	32.79	32.89	30.88	27.97	29.30	24.45
323834	0.49	0.51	0.53	0.52	0.53	0.54	0.61	0.87	0.69	0.62	0.65	0.67	0.59	0.60	0.70	0.65	0.62	0.72	0.83	0.92	0.80	0.59	0.48	0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	17.24	17.35	17.33	16.66	17.40	18.01	20.13	26.12	24.86	23.37	27.94	28.53	27.17	30.52	32.98	30.53	30.42	30.47	32.02	32.10	30.14	27.28	28.59	23.83
23571	0.13	0.15	0.15	0.15	0.14	0.10	0.10	0.23	0.08	0.08	0.04	0.04	0.02	-0.04	-0.01	-0.02	-0.05	0.02	0.07	0.13	0.06	-0.10	-0.24	-0.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.35	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	17.24 0.13 0.00	17.35 0.15 0.00	17.33 0.15 0.00	16.66 0.15 0.00	17.40 0.14 0.00	18.01 0.10 0.00	20.13 0.10 0.00	26.12 0.23 0.00	24.86 0.08 0.00	23.37 0.08 0.00	27.94 0.04 -0.35	28.53 0.04 -0.01	27.17 0.02 0.00	30.52 -0.04 0.00	32.98 -0.01 0.00	30.53 -0.02 0.00	30.42 -0.05 0.00	30.47 0.02 0.00	32.02 0.07 0.00	32.10 0.13 0.00	30.14 0.06 0.00	27.28 -0.10 0.00	28.59 -0.24 0.00	23.83 -0.27 0.00
ALBANY___3 23573	17.24 0.13 0.00	17.35 0.15 0.00	17.33 0.15 0.00	16.66 0.15 0.00	17.40 0.14 0.00	18.01 0.10 0.00	20.13 0.10 0.00	26.12 0.23 0.00	24.86 0.08 0.00	23.37 0.08 0.00	27.94 0.04 -0.35	28.53 0.04 -0.01	27.17 0.02 0.00	30.52 -0.04 0.00	32.98 -0.01 0.00	30.53 -0.02 0.00	30.42 -0.05 0.00	30.47 0.02 0.00	32.02 0.07 0.00	32.10 0.13 0.00	30.14 0.06 0.00	27.28 -0.10 0.00	28.59 -0.24 0.00	23.83 -0.27 0.00
ALBANY___4 23574	17.24 0.13 0.00	17.35 0.15 0.00	17.33 0.15 0.00	16.66 0.15 0.00	17.40 0.14 0.00	18.01 0.10 0.00	20.13 0.10 0.00	26.12 0.23 0.00	24.86 0.08 0.00	23.37 0.08 0.00	27.94 0.04 -0.35	28.53 0.04 -0.01	27.17 0.02 0.00	30.52 -0.04 0.00	32.98 -0.01 0.00	30.53 -0.02 0.00	30.42 -0.05 0.00	30.47 0.02 0.00	32.02 0.07 0.00	32.10 0.13 0.00	30.14 0.06 0.00	27.28 -0.10 0.00	28.59 -0.24 0.00	23.83 -0.27 0.00
ALBANY___LFGE 323615	17.37 0.26 0.00	17.47 0.27 0.00	17.46 0.28 0.00	16.78 0.28 0.00	17.53 0.27 0.00	18.16 0.25 0.00	20.32 0.28 0.00	26.37 0.48 0.00	25.11 0.33 0.00	23.60 0.31 0.00	28.20 0.31 -0.34	28.83 0.34 -0.01	27.46 0.30 0.00	30.83 0.27 0.00	33.31 0.32 0.00	30.84 0.29 0.00	30.73 0.26 0.00	30.79 0.34 0.00	32.34 0.39 0.00	32.43 0.46 0.00	30.45 0.36 0.00	27.54 0.16 0.00	28.86 0.03 0.00	24.04 -0.06 0.00
ALCOA_PA_115KV_PL-6C 55860	17.15 0.04 0.00	17.20 -0.01 0.00	17.22 0.04 0.00	16.52 0.02 0.00	17.27 0.01 0.00	17.91 0.00 0.00	19.98 -0.06 0.00	25.70 -0.19 0.00	24.81 0.03 0.00	23.29 0.00 0.00	27.60 0.04 0.00	28.48 -0.01 0.00	27.24 0.09 0.00	30.75 0.19 0.00	33.24 0.24 0.00	30.75 0.20 0.00	30.68 0.21 0.00	30.48 0.04 0.00	32.07 0.12 0.00	31.99 0.01 0.00	30.08 0.01 0.00	27.50 0.12 0.00	29.01 0.19 0.00	24.43 0.33 0.00
ALCOA_RYNLDS___DRP 24188	17.15 0.04 0.00	17.20 -0.01 0.00	17.22 0.04 0.00	16.52 0.02 0.00	17.27 0.01 0.00	17.91 0.00 0.00	19.98 -0.06 0.00	25.70 -0.19 0.00	24.81 0.03 0.00	23.29 0.00 0.00	27.60 0.04 0.00	28.48 -0.01 0.00	27.24 0.09 0.00	30.75 0.19 0.00	33.24 0.24 0.00	30.75 0.20 0.00	30.68 0.21 0.00	30.48 0.04 0.00	32.07 0.12 0.00	31.99 0.01 0.00	30.08 0.01 0.00	27.50 0.12 0.00	29.01 0.19 0.00	24.43 0.33 0.00
ALCOA___DSASP 323711	17.15 0.04 0.00	17.20 -0.01 0.00	17.22 0.04 0.00	16.52 0.02 0.00	17.27 0.01 0.00	17.91 0.00 0.00	19.98 -0.06 0.00	25.70 -0.19 0.00	24.81 0.03 0.00	23.29 0.00 0.00	27.60 0.04 0.00	28.48 -0.01 0.00	27.24 0.09 0.00	30.75 0.19 0.00	33.24 0.24 0.00	30.75 0.20 0.00	30.68 0.21 0.00	30.48 0.04 0.00	32.07 0.12 0.00	31.99 0.01 0.00	30.08 0.01 0.00	27.50 0.12 0.00	29.02 0.19 0.00	24.43 0.33 0.00
ALLEGHENY___COGEN 23514	17.24 0.12 0.00	17.25 0.05 0.00	17.17 -0.01 0.00	16.53 0.03 0.00	17.43 0.17 0.00	18.11 0.21 0.00	20.45 0.42 0.00	26.91 1.03 0.00	25.45 0.67 0.00	23.94 0.64 0.00	28.04 0.49 0.00	28.83 0.35 0.00	27.12 -0.04 0.00	30.46 -0.10 0.00	32.63 -0.36 0.00	30.30 -0.25 0.00	30.34 -0.13 0.00	30.58 0.13 0.00	32.50 0.55 0.00	32.68 0.71 0.00	31.25 1.17 0.00	28.48 1.09 0.00	29.93 1.10 0.00	24.94 0.84 0.00
ALTAMONT_115KV_TB 2 55880	17.46 0.35 0.00	17.57 0.37 0.00	17.56 0.38 0.00	16.86 0.36 0.00	17.63 0.36 0.00	18.27 0.36 0.00	20.46 0.42 0.00	26.52 0.63 0.00	25.25 0.47 0.00	23.73 0.44 0.00	28.39 0.49 -0.35	29.01 0.52 -0.01	27.62 0.46 0.00	31.03 0.47 0.00	33.53 0.53 0.00	31.04 0.49 0.00	30.91 0.44 0.00	30.99 0.54 0.00	32.55 0.59 0.00	32.63 0.66 0.00	30.65 0.57 0.00	27.77 0.39 0.00	29.12 0.30 0.00	24.29 0.20 0.00
ALTONA_WT_PWR 323606	16.72 -0.39 0.00	16.84 -0.36 0.00	16.87 -0.31 0.00	16.07 -0.43 0.00	16.45 -0.81 0.00	17.02 -0.89 0.00	18.91 -1.13 0.00	24.53 -1.35 0.00	23.78 -1.00 0.00	22.43 -0.86 0.00	26.53 -1.03 0.00	27.64 -0.85 0.00	26.56 -0.60 0.00	30.35 -0.21 0.00	33.07 0.07 0.00	30.65 0.10 0.00	30.78 0.31 0.00	31.11 0.67 0.00	33.26 1.31 0.00	33.36 1.39 0.00	31.17 1.10 0.00	28.21 0.83 0.00	29.73 0.91 0.00	25.11 1.01 0.00
AMERICAN_REF_FUEL 24010	16.02 -1.09 0.00	16.06 -1.14 0.00	15.93 -1.25 0.00	15.33 -1.17 0.00	16.10 -1.16 0.00	16.68 -1.23 0.00	18.66 -1.37 0.00	24.27 -1.61 0.00	22.96 -1.81 0.00	21.76 -1.53 0.00	25.73 -1.82 0.00	26.53 -1.95 0.00	25.29 -1.87 0.00	28.47 -2.09 0.00	30.49 -2.51 0.00	28.35 -2.21 0.00	28.52 -1.95 0.00	28.80 -1.64 0.00	30.00 -1.95 0.00	29.87 -2.10 0.00	28.44 -1.64 0.00	25.90 -1.48 0.00	27.46 -1.37 0.00	23.28 -0.82 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	16.65 -0.46 0.00	16.68 -0.52 0.00	16.36 -0.82 0.00	15.85 -0.65 0.00	16.82 -0.44 0.00	17.35 -0.56 0.00	19.48 -0.55 0.00	25.86 -0.03 0.00	24.45 -0.33 0.00	22.85 -0.45 0.00	27.03 -0.52 0.00	27.99 -0.49 0.00	26.62 -0.54 0.00	30.14 -0.42 0.00	32.11 -0.89 0.00	29.73 -0.82 0.00	29.53 -0.93 0.00	30.20 -0.25 0.00	31.81 -0.14 0.00	31.92 -0.05 0.00	30.38 0.30 0.00	27.38 0.00 0.00	28.77 -0.06 0.00	23.96 -0.13 0.00
ARTHUR KILL_GT_1 23520	18.11 1.00 0.00	18.19 0.99 0.00	18.31 1.13 0.00	17.59 1.09 0.00	18.35 1.09 0.00	19.07 1.16 0.00	21.40 1.36 -0.01	27.56 1.67 0.00	26.09 1.32 0.00	24.47 1.18 0.00	30.59 1.31 -1.72	29.99 1.47 -0.04	28.47 1.31 0.00	31.87 1.31 0.00	34.55 1.56 0.00	32.01 1.46 0.00	31.93 1.46 0.00	32.07 1.63 0.00	33.54 1.59 0.00	33.66 1.68 0.00	31.77 1.69 0.00	28.68 1.30 0.00	30.04 1.21 0.00	24.97 0.87 0.00
ARTHUR_KILL_2 23512	18.06 0.95 0.00	18.14 0.94 0.00	18.26 1.08 0.00	17.55 1.05 0.00	18.31 1.05 0.00	19.02 1.11 0.00	21.34 1.30 -0.01	27.48 1.59 0.00	26.02 1.25 0.00	24.40 1.11 0.00	30.50 1.23 -1.72	29.92 1.39 -0.04	28.39 1.23 0.00	31.78 1.22 0.00	34.45 1.46 0.00	31.92 1.37 0.00	31.84 1.37 0.00	31.98 1.53 0.00	33.44 1.49 0.00	33.56 1.59 0.00	31.68 1.60 0.00	28.60 1.22 0.00	29.95 1.13 0.00	24.90 0.80 0.00
ARTHUR_KILL_3 23513	17.95 0.84 0.00	18.01 0.81 0.00	17.98 0.81 0.00	17.26 0.76 0.00	18.01 0.74 0.00	18.71 0.80 0.00	21.01 0.97 0.00	27.37 1.48 0.00	26.01 1.24 0.00	24.42 1.13 0.00	30.60 1.32 -1.73	29.96 1.44 -0.04	28.46 1.30 0.00	31.90 1.34 0.00	34.46 1.47 0.00	31.88 1.33 0.00	31.78 1.31 0.00	31.93 1.49 0.00	33.46 1.51 0.00	33.53 1.56 0.00	31.54 1.47 0.00	28.48 1.10 0.00	29.80 0.97 0.00	24.79 0.69 0.00

ARTHUR_KILL_COGEN 323718	18.11 1.00 0.00	18.19 0.99 0.00	18.31 1.13 0.00	17.59 1.09 0.00	18.35 1.09 0.00	19.07 1.16 0.00	21.40 1.36 -0.01	27.56 1.67 0.00	26.09 1.32 0.00	24.47 1.18 0.00	30.59 1.31 -1.72	29.99 1.47 -0.04	28.47 1.31 0.00	31.87 1.31 0.00	34.55 1.56 0.00	32.01 1.46 0.00	31.93 1.46 0.00	32.07 1.63 0.00	33.54 1.59 0.00	33.66 1.68 0.00	31.77 1.69 0.00	28.68 1.30 0.00	30.04 1.21 0.00	24.97 0.87 0.00
ASHOKAN____ 23654	18.03 0.91 0.00	18.12 0.92 0.00	18.09 0.91 0.00	17.38 0.88 0.00	18.18 0.92 0.00	18.90 0.99 0.00	21.23 1.20 0.00	27.63 1.74 0.00	26.34 1.56 0.00	24.75 1.46 0.00	29.18 1.62 0.00	30.21 1.73 0.00	28.76 1.60 0.00	32.31 1.75 0.00	34.92 1.92 0.00	32.34 1.78 0.00	32.18 1.71 0.00	32.37 1.93 0.00	34.09 2.14 0.00	34.28 2.30 0.00	32.16 2.08 0.00	29.04 1.66 0.00	30.34 1.51 0.00	25.21 1.11 0.00
ASTORIA_EAST_ENERGY_CC1 323581	18.06 0.95 0.00	18.12 0.92 0.00	18.09 0.91 0.00	17.36 0.86 0.00	18.11 0.85 0.00	18.80 0.89 0.00	21.09 1.05 -0.01	27.38 1.50 0.00	26.07 1.29 0.00	24.48 1.18 0.00	30.61 1.33 -1.72	30.00 1.48 -0.04	28.48 1.32 0.00	31.96 1.40 0.00	34.53 1.54 0.00	31.88 1.33 0.00	31.77 1.30 0.00	31.94 1.50 0.00	33.40 1.45 0.00	33.50 1.53 0.00	31.54 1.46 0.00	28.50 1.12 0.00	29.85 1.02 0.00	24.82 0.72 0.00
ASTORIA_EAST_ENERGY_CC2 323582	18.06 0.95 0.00	18.12 0.92 0.00	18.09 0.91 0.00	17.36 0.86 0.00	18.11 0.85 0.00	18.80 0.89 0.00	21.09 1.05 -0.01	27.38 1.50 0.00	26.07 1.29 0.00	24.48 1.18 0.00	30.61 1.33 -1.72	30.00 1.48 -0.04	28.48 1.32 0.00	31.96 1.40 0.00	34.53 1.54 0.00	31.88 1.33 0.00	31.78 1.30 0.00	31.94 1.50 0.00	33.40 1.45 0.00	33.50 1.53 0.00	31.54 1.46 0.00	28.50 1.12 0.00	29.85 1.02 0.00	24.82 0.72 0.00
ASTORIA_GT2_1 24094	18.07 0.96 0.00	18.13 0.93 0.00	18.10 0.92 0.00	17.37 0.87 0.00	18.12 0.86 0.00	18.81 0.90 0.00	21.10 1.06 -0.01	27.40 1.51 0.00	26.09 1.31 0.00	24.49 1.20 0.00	30.63 1.35 -1.72	30.02 1.50 -0.04	28.49 1.34 0.00	31.97 1.42 0.00	34.55 1.56 0.00	31.90 1.35 0.00	31.80 1.33 0.00	31.96 1.52 0.00	33.43 1.47 0.00	33.52 1.54 0.00	31.55 1.47 0.00	28.52 1.14 0.00	29.86 1.04 0.00	24.83 0.74 0.00
ASTORIA_GT2_2 24095	18.07 0.96 0.00	18.13 0.93 0.00	18.10 0.92 0.00	17.37 0.87 0.00	18.12 0.86 0.00	18.81 0.90 0.00	21.10 1.06 -0.01	27.40 1.51 0.00	26.09 1.31 0.00	24.49 1.20 0.00	30.63 1.35 -1.72	30.02 1.50 -0.04	28.49 1.34 0.00	31.97 1.42 0.00	34.55 1.56 0.00	31.90 1.35 0.00	31.80 1.33 0.00	31.96 1.52 0.00	33.43 1.47 0.00	33.52 1.54 0.00	31.55 1.47 0.00	28.52 1.14 0.00	29.86 1.04 0.00	24.83 0.74 0.00
ASTORIA_GT2_3 24096	18.07 0.96 0.00	18.13 0.93 0.00	18.10 0.92 0.00	17.37 0.87 0.00	18.12 0.86 0.00	18.81 0.90 0.00	21.10 1.06 -0.01	27.40 1.51 0.00	26.09 1.31 0.00	24.49 1.20 0.00	30.63 1.35 -1.72	30.02 1.50 -0.04	28.49 1.34 0.00	31.97 1.42 0.00	34.55 1.56 0.00	31.90 1.35 0.00	31.80 1.33 0.00	31.96 1.52 0.00	33.43 1.47 0.00	33.52 1.54 0.00	31.55 1.47 0.00	28.52 1.14 0.00	29.86 1.04 0.00	24.83 0.74 0.00
ASTORIA_GT2_4 24097	18.07 0.96 0.00	18.13 0.93 0.00	18.10 0.92 0.00	17.37 0.87 0.00	18.12 0.86 0.00	18.81 0.90 0.00	21.10 1.06 -0.01	27.40 1.51 0.00	26.09 1.31 0.00	24.49 1.20 0.00	30.63 1.35 -1.72	30.02 1.50 -0.04	28.49 1.34 0.00	31.97 1.42 0.00	34.55 1.56 0.00	31.90 1.35 0.00	31.80 1.33 0.00	31.96 1.52 0.00	33.43 1.47 0.00	33.52 1.54 0.00	31.55 1.47 0.00	28.52 1.14 0.00	29.86 1.04 0.00	24.83 0.74 0.00
ASTORIA_GT3_1 24098	18.07 0.96 0.00	18.13 0.93 0.00	18.10 0.92 0.00	17.37 0.87 0.00	18.12 0.86 0.00	18.81 0.90 0.00	21.10 1.06 -0.01	27.40 1.51 0.00	26.09 1.31 0.00	24.49 1.20 0.00	30.63 1.35 -1.72	30.02 1.50 -0.04	28.49 1.34 0.00	31.97 1.42 0.00	34.55 1.56 0.00	31.90 1.35 0.00	31.80 1.33 0.00	31.96 1.52 0.00	33.43 1.47 0.00	33.52 1.54 0.00	31.55 1.47 0.00	28.52 1.14 0.00	29.86 1.04 0.00	24.83 0.74 0.00
ASTORIA_GT3_2 24099	18.07 0.96 0.00	18.13 0.93 0.00	18.10 0.92 0.00	17.37 0.87 0.00	18.12 0.86 0.00	18.81 0.90 0.00	21.10 1.06 -0.01	27.40 1.51 0.00	26.09 1.31 0.00	24.49 1.20 0.00	30.63 1.35 -1.72	30.02 1.50 -0.04	28.49 1.34 0.00	31.97 1.42 0.00	34.55 1.56 0.00	31.90 1.35 0.00	31.80 1.33 0.00	31.96 1.52 0.00	33.43 1.47 0.00	33.52 1.54 0.00	31.55 1.47 0.00	28.52 1.14 0.00	29.86 1.04 0.00	24.83 0.74 0.00
ASTORIA_GT3_3 24100	18.07 0.96 0.00	18.13 0.93 0.00	18.10 0.92 0.00	17.37 0.87 0.00	18.12 0.86 0.00	18.81 0.90 0.00	21.10 1.06 -0.01	27.40 1.51 0.00	26.09 1.31 0.00	24.49 1.20 0.00	30.63 1.35 -1.72	30.02 1.50 -0.04	28.49 1.34 0.00	31.97 1.42 0.00	34.55 1.56 0.00	31.90 1.35 0.00	31.80 1.33 0.00	31.96 1.52 0.00	33.43 1.47 0.00	33.52 1.54 0.00	31.55 1.47 0.00	28.52 1.14 0.00	29.86 1.04 0.00	24.83 0.74 0.00
ASTORIA_GT3_4 24101	18.07 0.96 0.00	18.13 0.93 0.00	18.10 0.92 0.00	17.37 0.87 0.00	18.12 0.86 0.00	18.81 0.90 0.00	21.10 1.06 -0.01	27.40 1.51 0.00	26.09 1.31 0.00	24.49 1.20 0.00	30.63 1.35 -1.72	30.02 1.50 -0.04	28.49 1.34 0.00	31.97 1.42 0.00	34.55 1.56 0.00	31.90 1.35 0.00	31.80 1.33 0.00	31.96 1.52 0.00	33.43 1.47 0.00	33.52 1.54 0.00	31.55 1.47 0.00	28.52 1.14 0.00	29.86 1.04 0.00	24.83 0.74 0.00
ASTORIA_GT4_1 24102	18.07 0.96 0.00	18.13 0.93 0.00	18.10 0.92 0.00	17.37 0.87 0.00	18.12 0.86 0.00	18.81 0.90 0.00	21.10 1.06 -0.01	27.40 1.51 0.00	26.09 1.31 0.00	24.49 1.20 0.00	30.63 1.35 -1.72	30.02 1.50 -0.04	28.49 1.34 0.00	31.97 1.42 0.00	34.55 1.56 0.00	31.90 1.35 0.00	31.80 1.33 0.00	31.96 1.52 0.00	33.43 1.47 0.00	33.52 1.54 0.00	31.55 1.47 0.00	28.52 1.14 0.00	29.86 1.04 0.00	24.83 0.74 0.00
ASTORIA_GT4_2 24103	18.07 0.96 0.00	18.13 0.93 0.00	18.10 0.92 0.00	17.37 0.87 0.00	18.12 0.86 0.00	18.81 0.90 0.00	21.10 1.06 -0.01	27.40 1.51 0.00	26.09 1.31 0.00	24.49 1.20 0.00	30.63 1.35 -1.72	30.02 1.50 -0.04	28.49 1.34 0.00	31.97 1.42 0.00	34.55 1.56 0.00	31.90 1.35 0.00	31.80 1.33 0.00	31.96 1.52 0.00	33.43 1.47 0.00	33.52 1.54 0.00	31.55 1.47 0.00	28.52 1.14 0.00	29.86 1.04 0.00	24.83 0.74 0.00
ASTORIA_GT4_3 24104	18.07 0.96 0.00	18.13 0.93 0.00	18.10 0.92 0.00	17.37 0.87 0.00	18.12 0.86 0.00	18.81 0.90 0.00	21.10 1.06 -0.01	27.40 1.51 0.00	26.09 1.31 0.00	24.49 1.20 0.00	30.63 1.35 -1.72	30.02 1.50 -0.04	28.49 1.34 0.00	31.97 1.42 0.00	34.55 1.56 0.00	31.90 1.35 0.00	31.80 1.33 0.00	31.96 1.52 0.00	33.43 1.47 0.00	33.52 1.54 0.00	31.55 1.47 0.00	28.52 1.14 0.00	29.86 1.04 0.00	24.83 0.74 0.00

ASTORIA_GT4_4 24105	18.07 0.96 0.00	18.13 0.93 0.00	18.10 0.92 0.00	17.37 0.87 0.00	18.12 0.86 0.00	18.81 0.90 0.00	21.10 1.06 -0.01	27.40 1.51 0.00	26.09 1.31 0.00	24.49 1.20 0.00	30.63 1.35 -1.72	30.02 1.50 -0.04	28.49 1.34 0.00	31.97 1.42 0.00	34.55 1.56 0.00	31.90 1.35 0.00	31.80 1.33 0.00	31.96 1.52 0.00	33.43 1.47 0.00	33.52 1.54 0.00	31.55 1.47 0.00	28.52 1.14 0.00	29.86 1.04 0.00	24.83 0.74 0.00
ASTORIA_GT_1 23523	18.10 0.99 0.00	18.15 0.95 0.00	18.12 0.94 0.00	17.39 0.88 0.00	18.14 0.88 0.00	18.84 0.93 0.00	21.13 1.09 -0.01	27.44 1.56 0.00	26.14 1.36 0.00	24.54 1.25 0.00	30.69 1.41 -1.72	30.08 1.56 -0.04	28.55 1.39 0.00	32.04 1.48 0.00	34.62 1.63 0.00	31.96 1.41 0.00	31.86 1.39 0.00	32.03 1.59 0.00	33.49 1.54 0.00	33.58 1.61 0.00	31.61 1.53 0.00	28.56 1.18 0.00	29.92 1.09 0.00	24.87 0.78 0.00
ASTORIA_GT_10 24110	18.03 0.91 0.00	18.10 0.90 0.00	18.09 0.91 0.00	17.36 0.86 0.00	18.11 0.85 0.00	18.81 0.90 0.00	21.14 1.10 -0.01	27.50 1.61 0.00	26.15 1.37 0.00	24.56 1.27 0.00	30.75 1.47 -1.72	30.13 1.61 -0.04	28.61 1.46 0.00	32.08 1.52 0.00	34.66 1.67 0.00	32.05 1.49 0.00	31.94 1.47 0.00	32.10 1.66 0.00	33.60 1.65 0.00	33.68 1.71 0.00	31.69 1.61 0.00	28.62 1.24 0.00	29.95 1.13 0.00	24.90 0.81 0.00
ASTORIA_GT_11 24225	18.03 0.91 0.00	18.10 0.90 0.00	18.09 0.91 0.00	17.36 0.86 0.00	18.11 0.85 0.00	18.81 0.90 0.00	21.14 1.10 -0.01	27.50 1.61 0.00	26.15 1.37 0.00	24.56 1.27 0.00	30.75 1.47 -1.72	30.13 1.61 -0.04	28.61 1.46 0.00	32.08 1.52 0.00	34.66 1.67 0.00	32.05 1.49 0.00	31.94 1.47 0.00	32.10 1.66 0.00	33.60 1.65 0.00	33.68 1.71 0.00	31.69 1.61 0.00	28.62 1.24 0.00	29.95 1.13 0.00	24.90 0.81 0.00
ASTORIA_GT_12 24226	18.03 0.91 0.00	18.10 0.90 0.00	18.09 0.91 0.00	17.36 0.86 0.00	18.11 0.85 0.00	18.81 0.90 0.00	21.14 1.10 -0.01	27.50 1.61 0.00	26.15 1.37 0.00	24.56 1.27 0.00	30.75 1.47 -1.72	30.13 1.61 -0.04	28.61 1.46 0.00	32.08 1.52 0.00	34.66 1.67 0.00	32.05 1.49 0.00	31.94 1.47 0.00	32.10 1.66 0.00	33.60 1.65 0.00	33.68 1.71 0.00	31.69 1.61 0.00	28.62 1.24 0.00	29.95 1.13 0.00	24.90 0.81 0.00
ASTORIA_GT_13 24227	18.03 0.91 0.00	18.10 0.90 0.00	18.09 0.91 0.00	17.36 0.86 0.00	18.11 0.85 0.00	18.81 0.90 0.00	21.14 1.10 -0.01	27.50 1.61 0.00	26.15 1.37 0.00	24.56 1.27 0.00	30.75 1.47 -1.72	30.13 1.61 -0.04	28.61 1.46 0.00	32.08 1.52 0.00	34.66 1.67 0.00	32.05 1.49 0.00	31.94 1.47 0.00	32.10 1.66 0.00	33.60 1.65 0.00	33.68 1.71 0.00	31.69 1.61 0.00	28.62 1.24 0.00	29.95 1.13 0.00	24.90 0.81 0.00
ASTORIA_GT_5 24106	18.10 0.99 0.00	18.15 0.96 0.00	18.13 0.95 0.00	17.39 0.89 0.00	18.14 0.88 0.00	18.84 0.93 0.00	21.14 1.10 -0.01	27.44 1.56 0.00	26.14 1.36 0.00	24.54 1.25 0.00	30.69 1.41 -1.72	30.08 1.56 -0.04	28.55 1.39 0.00	32.04 1.48 0.00	34.63 1.63 0.00	31.97 1.41 0.00	31.86 1.39 0.00	32.03 1.59 0.00	33.49 1.54 0.00	33.58 1.60 0.00	31.61 1.53 0.00	28.56 1.19 0.00	29.92 1.09 0.00	24.87 0.78 0.00
ASTORIA_GT_7 24107	18.10 0.99 0.00	18.15 0.96 0.00	18.13 0.95 0.00	17.39 0.89 0.00	18.14 0.88 0.00	18.84 0.93 0.00	21.14 1.10 -0.01	27.44 1.56 0.00	26.14 1.36 0.00	24.54 1.25 0.00	30.69 1.41 -1.72	30.08 1.56 -0.04	28.55 1.39 0.00	32.04 1.48 0.00	34.63 1.63 0.00	31.97 1.41 0.00	31.86 1.39 0.00	32.03 1.59 0.00	33.49 1.54 0.00	33.58 1.60 0.00	31.61 1.53 0.00	28.56 1.19 0.00	29.92 1.09 0.00	24.87 0.78 0.00
ASTORIA_GT_8 24108	18.10 0.99 0.00	18.15 0.96 0.00	18.13 0.95 0.00	17.39 0.89 0.00	18.14 0.88 0.00	18.84 0.93 0.00	21.14 1.10 -0.01	27.44 1.56 0.00	26.14 1.36 0.00	24.54 1.25 0.00	30.69 1.41 -1.72	30.08 1.56 -0.04	28.55 1.39 0.00	32.04 1.48 0.00	34.63 1.63 0.00	31.97 1.41 0.00	31.86 1.39 0.00	32.03 1.59 0.00	33.49 1.54 0.00	33.58 1.60 0.00	31.61 1.53 0.00	28.56 1.19 0.00	29.92 1.09 0.00	24.87 0.78 0.00
ASTORIA___2 24149	18.07 0.95 0.00	18.13 0.93 0.00	18.09 0.91 0.00	17.36 0.86 0.00	18.12 0.86 0.00	18.81 0.90 0.00	21.10 1.06 -0.01	27.40 1.51 0.00	26.08 1.31 0.00	24.49 1.20 0.00	30.63 1.35 -1.72	30.02 1.50 -0.04	28.49 1.34 0.00	31.97 1.42 0.00	34.55 1.56 0.00	31.90 1.35 0.00	31.80 1.33 0.00	31.96 1.52 0.00	33.42 1.47 0.00	33.52 1.54 0.00	31.55 1.47 0.00	28.52 1.14 0.00	29.86 1.04 0.00	24.84 0.74 0.00
ASTORIA___3 23516	18.02 0.91 0.00	18.10 0.90 0.00	18.09 0.91 0.00	17.36 0.86 0.00	18.11 0.85 0.00	18.81 0.90 0.00	21.14 1.10 -0.01	27.50 1.61 0.00	26.15 1.37 0.00	24.56 1.27 0.00	30.75 1.47 -1.72	30.13 1.61 -0.04	28.61 1.45 0.00	32.08 1.52 0.00	34.66 1.67 0.00	32.05 1.49 0.00	31.94 1.47 0.00	32.10 1.66 0.00	33.60 1.65 0.00	33.68 1.70 0.00	31.69 1.61 0.00	28.61 1.23 0.00	29.95 1.13 0.00	24.90 0.81 0.00
ASTORIA___4 23517	18.03 0.91 0.00	18.10 0.90 0.00	18.09 0.91 0.00	17.36 0.86 0.00	18.11 0.85 0.00	18.81 0.90 0.00	21.14 1.10 -0.01	27.50 1.61 0.00	26.15 1.37 0.00	24.56 1.27 0.00	30.75 1.47 -1.72	30.13 1.61 -0.04	28.61 1.46 0.00	32.08 1.52 0.00	34.66 1.67 0.00	32.05 1.49 0.00	31.94 1.47 0.00	32.10 1.66 0.00	33.60 1.65 0.00	33.68 1.71 0.00	31.69 1.61 0.00	28.62 1.24 0.00	29.95 1.13 0.00	24.90 0.81 0.00
ASTORIA___5 23518	18.02 0.91 0.00	18.10 0.90 0.00	18.09 0.91 0.00	17.36 0.86 0.00	18.11 0.85 0.00	18.81 0.90 0.00	21.14 1.10 -0.01	27.50 1.61 0.00	26.15 1.37 0.00	24.56 1.27 0.00	30.75 1.47 -1.72	30.13 1.61 -0.04	28.61 1.45 0.00	32.08 1.52 0.00	34.66 1.67 0.00	32.05 1.49 0.00	31.94 1.47 0.00	32.10 1.66 0.00	33.60 1.65 0.00	33.68 1.70 0.00	31.69 1.61 0.00	28.61 1.23 0.00	29.95 1.13 0.00	24.90 0.81 0.00
AST_ENERGY_2_CC3 323677	17.98 0.87 0.00	18.05 0.85 0.00	18.03 0.85 0.00	17.31 0.81 0.00	18.06 0.80 0.00	18.75 0.84 0.00	21.06 1.02 0.00	27.42 1.53 0.00	26.05 1.28 0.00	24.48 1.19 0.00	30.66 1.38 -1.73	30.03 1.51 -0.04	28.52 1.37 0.00	31.97 1.41 0.00	34.55 1.55 0.00	31.95 1.40 0.00	31.84 1.37 0.00	31.99 1.54 0.00	33.51 1.56 0.00	33.58 1.61 0.00	31.59 1.51 0.00	28.52 1.14 0.00	29.86 1.04 0.00	24.85 0.75 0.00
AST_ENERGY_2_CC4 323678	17.98 0.87 0.00	18.05 0.85 0.00	18.03 0.85 0.00	17.31 0.81 0.00	18.06 0.80 0.00	18.75 0.84 0.00	21.06 1.02 0.00	27.42 1.53 0.00	26.05 1.28 0.00	24.48 1.19 0.00	30.66 1.38 -1.73	30.03 1.51 -0.04	28.52 1.37 0.00	31.97 1.41 0.00	34.55 1.55 0.00	31.95 1.40 0.00	31.84 1.37 0.00	31.99 1.54 0.00	33.51 1.56 0.00	33.58 1.61 0.00	31.59 1.51 0.00	28.52 1.14 0.00	29.86 1.04 0.00	24.85 0.75 0.00

ATHENS_STG_1 23668	17.61 0.50 0.00	17.73 0.53 0.00	17.71 0.53 0.00	17.01 0.51 0.00	17.76 0.50 0.00	18.42 0.51 0.00	20.63 0.60 0.00	26.76 0.88 0.00	25.45 0.67 0.00	23.91 0.62 0.00	28.74 0.72 -0.47	29.26 0.77 -0.01	27.86 0.70 0.00	31.27 0.71 0.00	33.79 0.80 0.00	31.27 0.72 0.00	31.15 0.69 0.00	31.24 0.80 0.00	32.79 0.84 0.00	32.88 0.90 0.00	30.89 0.81 0.00	27.96 0.59 0.00	29.33 0.50 0.00	24.44 0.34 0.00
ATHENS_STG_2 23670	17.61 0.50 0.00	17.73 0.53 0.00	17.71 0.53 0.00	17.01 0.51 0.00	17.76 0.50 0.00	18.42 0.51 0.00	20.63 0.60 0.00	26.76 0.88 0.00	25.45 0.67 0.00	23.91 0.62 0.00	28.74 0.72 -0.47	29.26 0.77 -0.01	27.86 0.70 0.00	31.27 0.71 0.00	33.79 0.80 0.00	31.27 0.72 0.00	31.15 0.69 0.00	31.24 0.80 0.00	32.79 0.84 0.00	32.88 0.90 0.00	30.89 0.81 0.00	27.96 0.59 0.00	29.33 0.50 0.00	24.44 0.34 0.00
ATHENS_STG_3 23677	17.61 0.50 0.00	17.73 0.53 0.00	17.71 0.53 0.00	17.01 0.51 0.00	17.76 0.50 0.00	18.42 0.51 0.00	20.63 0.60 0.00	26.76 0.88 0.00	25.45 0.67 0.00	23.91 0.62 0.00	28.74 0.72 -0.47	29.26 0.77 -0.01	27.86 0.70 0.00	31.27 0.71 0.00	33.79 0.80 0.00	31.27 0.72 0.00	31.15 0.69 0.00	31.24 0.80 0.00	32.79 0.84 0.00	32.88 0.90 0.00	30.89 0.81 0.00	27.96 0.59 0.00	29.33 0.50 0.00	24.44 0.34 0.00
AUBURN___LFGE 323710	17.09 -0.02 0.00	17.16 -0.04 0.00	17.08 -0.10 0.00	16.41 -0.09 0.00	17.18 -0.08 0.00	17.84 -0.07 0.00	19.97 -0.06 0.00	26.01 0.12 0.00	24.73 -0.05 0.00	23.24 -0.05 0.00	27.45 -0.10 0.00	28.35 -0.13 0.00	27.01 -0.15 0.00	30.37 -0.18 0.00	32.68 -0.31 0.00	30.34 -0.21 0.00	30.36 -0.11 0.00	30.59 0.15 0.00	32.06 0.11 0.00	32.07 0.10 0.00	30.24 0.16 0.00	27.48 0.10 0.00	29.04 0.21 0.00	24.24 0.14 0.00
BABYLON_RES_REC 323704	18.10 0.99 0.00	18.17 0.97 0.00	18.12 0.94 0.00	17.28 0.78 0.00	17.97 0.71 0.00	18.62 0.71 0.00	21.00 0.96 0.00	27.38 1.49 0.00	25.88 1.11 0.00	24.32 1.03 0.00	30.73 1.47 -1.71	30.14 1.62 -0.04	28.59 1.44 0.00	31.91 1.35 0.00	34.89 1.90 0.00	32.29 1.74 0.00	31.94 1.48 0.00	32.01 1.57 0.00	33.51 1.56 0.00	33.66 1.69 0.00	31.66 1.58 0.00	28.59 1.21 0.00	29.84 1.02 0.00	24.81 0.71 0.00
BABYLON__69_KV_BK2 356345	18.26 1.15 0.00	18.34 1.13 0.00	18.29 1.11 0.00	17.43 0.93 0.00	18.12 0.86 0.00	18.77 0.86 0.00	21.20 1.16 0.00	27.63 1.74 0.00	26.11 1.33 0.00	24.52 1.23 0.00	31.01 1.74 -1.71	30.41 1.89 -0.04	28.88 1.73 0.00	32.21 1.65 0.00	35.21 2.22 0.00	32.59 2.03 0.00	32.26 1.79 0.00	32.32 1.88 0.00	33.84 1.89 0.00	33.99 2.02 0.00	31.98 1.90 0.00	28.88 1.50 0.00	30.13 1.30 0.00	25.02 0.92 0.00
BALL_HILL_WT_PWR 323825	16.62 -0.49 0.00	16.65 -0.55 0.00	16.48 -0.70 0.00	15.88 -0.62 0.00	16.75 -0.51 0.00	17.33 -0.57 0.00	19.39 -0.64 0.00	25.57 -0.32 0.00	24.17 -0.61 0.00	22.73 -0.56 0.00	26.87 -0.68 0.00	27.76 -0.72 0.00	26.38 -0.77 0.00	29.79 -0.77 0.00	31.85 -1.15 0.00	29.57 -0.98 0.00	29.48 -0.99 0.00	29.99 -0.45 0.00	31.37 -0.58 0.00	31.36 -0.61 0.00	29.83 -0.25 0.00	27.10 -0.28 0.00	28.64 -0.18 0.00	24.02 -0.07 0.00
BARON_WINDS___WT_PWR 323822	16.48 -0.63 0.00	16.51 -0.69 0.00	16.48 -0.70 0.00	15.89 -0.61 0.00	16.78 -0.48 0.00	17.32 -0.59 0.00	19.52 -0.51 0.00	25.80 -0.08 0.00	24.36 -0.42 0.00	22.96 -0.33 0.00	27.05 -0.50 0.00	27.84 -0.64 0.00	26.30 -0.86 0.00	29.82 -0.74 0.00	31.98 -1.02 0.00	29.65 -0.90 0.00	29.53 -0.94 0.00	30.09 -0.36 0.00	31.47 -0.48 0.00	31.46 -0.51 0.00	29.94 -0.13 0.00	27.38 0.00 0.00	28.90 0.07 0.00	23.92 -0.17 0.00
BARRETT_IC_1 23704	17.96 0.85 0.00	18.06 0.85 0.00	17.99 0.81 0.00	17.19 0.69 0.00	17.90 0.64 0.00	18.54 0.63 0.00	20.80 0.77 0.00	27.03 1.14 0.00	25.61 0.83 0.00	24.07 0.78 0.00	30.47 1.20 -1.71	29.91 1.35 -0.08	28.41 1.23 -0.03	31.67 1.11 0.00	34.58 1.59 0.00	32.02 1.47 0.00	31.68 1.21 0.00	31.75 1.31 0.00	33.24 1.29 0.00	33.32 1.35 0.00	31.32 1.24 0.00	28.38 1.00 0.00	29.70 0.87 0.00	24.71 0.61 0.00
BARRETT_IC_10 23701	17.96 0.85 0.00	18.06 0.85 0.00	17.99 0.81 0.00	17.19 0.69 0.00	17.90 0.64 0.00	18.54 0.63 0.00	20.80 0.77 0.00	27.03 1.14 0.00	25.61 0.83 0.00	24.07 0.78 0.00	30.47 1.20 -1.71	29.91 1.35 -0.08	28.41 1.23 -0.03	31.67 1.11 0.00	34.58 1.59 0.00	32.02 1.47 0.00	31.68 1.21 0.00	31.75 1.31 0.00	33.24 1.29 0.00	33.32 1.35 0.00	31.32 1.24 0.00	28.38 1.00 0.00	29.70 0.87 0.00	24.71 0.61 0.00
BARRETT_IC_11 23702	17.96 0.85 0.00	18.06 0.85 0.00	17.99 0.81 0.00	17.19 0.69 0.00	17.90 0.64 0.00	18.54 0.63 0.00	20.80 0.77 0.00	27.03 1.14 0.00	25.61 0.83 0.00	24.07 0.78 0.00	30.47 1.20 -1.71	29.91 1.35 -0.08	28.41 1.23 -0.03	31.67 1.11 0.00	34.58 1.59 0.00	32.02 1.47 0.00	31.68 1.21 0.00	31.75 1.31 0.00	33.24 1.29 0.00	33.32 1.35 0.00	31.32 1.24 0.00	28.38 1.00 0.00	29.70 0.87 0.00	24.71 0.61 0.00
BARRETT_IC_12 23703	17.96 0.85 0.00	18.06 0.85 0.00	17.99 0.81 0.00	17.19 0.69 0.00	17.90 0.64 0.00	18.54 0.63 0.00	20.80 0.77 0.00	27.03 1.14 0.00	25.61 0.83 0.00	24.07 0.78 0.00	30.47 1.20 -1.71	29.91 1.35 -0.08	28.41 1.23 -0.03	31.67 1.11 0.00	34.58 1.59 0.00	32.02 1.47 0.00	31.68 1.21 0.00	31.75 1.31 0.00	33.24 1.29 0.00	33.32 1.35 0.00	31.32 1.24 0.00	28.38 1.00 0.00	29.70 0.87 0.00	24.71 0.61 0.00
BARRETT_IC_2 23705	17.96 0.85 0.00	18.06 0.85 0.00	17.99 0.81 0.00	17.19 0.69 0.00	17.90 0.64 0.00	18.54 0.63 0.00	20.80 0.77 0.00	27.03 1.14 0.00	25.61 0.83 0.00	24.07 0.78 0.00	30.47 1.20 -1.71	29.91 1.35 -0.08	28.41 1.23 -0.03	31.67 1.11 0.00	34.58 1.59 0.00	32.02 1.47 0.00	31.68 1.21 0.00	31.75 1.31 0.00	33.24 1.29 0.00	33.32 1.35 0.00	31.32 1.24 0.00	28.38 1.00 0.00	29.70 0.87 0.00	24.71 0.61 0.00
BARRETT_IC_3 23706	17.96 0.85 0.00	18.06 0.85 0.00	17.99 0.81 0.00	17.19 0.69 0.00	17.90 0.64 0.00	18.54 0.63 0.00	20.80 0.77 0.00	27.03 1.14 0.00	25.61 0.83 0.00	24.07 0.78 0.00	30.47 1.20 -1.71	29.91 1.35 -0.08	28.41 1.23 -0.03	31.67 1.11 0.00	34.58 1.59 0.00	32.02 1.47 0.00	31.68 1.21 0.00	31.75 1.31 0.00	33.24 1.29 0.00	33.32 1.35 0.00	31.32 1.24 0.00	28.38 1.00 0.00	29.70 0.87 0.00	24.71 0.61 0.00
BARRETT_IC_4 23707	17.96 0.85 0.00	18.06 0.85 0.00	17.99 0.81 0.00	17.19 0.69 0.00	17.90 0.64 0.00	18.54 0.63 0.00	20.80 0.77 0.00	27.03 1.14 0.00	25.61 0.83 0.00	24.07 0.78 0.00	30.47 1.20 -1.71	29.91 1.35 -0.08	28.41 1.23 -0.03	31.67 1.11 0.00	34.58 1.59 0.00	32.02 1.47 0.00	31.68 1.21 0.00	31.75 1.31 0.00	33.24 1.29 0.00	33.32 1.35 0.00	31.32 1.24 0.00	28.38 1.00 0.00	29.70 0.87 0.00	24.71 0.61 0.00

BARRETT_IC_5 23708	17.96 0.85 0.00	18.06 0.85 0.00	17.99 0.81 0.00	17.19 0.69 0.00	17.90 0.64 0.00	18.54 0.63 0.00	20.80 0.77 0.00	27.03 1.14 0.00	25.61 0.83 0.00	24.07 0.78 0.00	30.47 1.20 -1.71	29.91 1.35 -0.08	28.41 1.23 -0.03	31.67 1.11 0.00	34.58 1.59 0.00	32.02 1.47 0.00	31.68 1.21 0.00	31.75 1.31 0.00	33.24 1.29 0.00	33.32 1.35 0.00	31.32 1.24 0.00	28.38 1.00 0.00	29.70 0.87 0.00	24.71 0.61 0.00
BARRETT_IC_6 23709	17.96 0.85 0.00	18.06 0.85 0.00	17.99 0.81 0.00	17.19 0.69 0.00	17.90 0.64 0.00	18.54 0.63 0.00	20.80 0.77 0.00	27.03 1.14 0.00	25.61 0.83 0.00	24.07 0.78 0.00	30.47 1.20 -1.71	29.91 1.35 -0.08	28.41 1.23 -0.03	31.67 1.11 0.00	34.58 1.59 0.00	32.02 1.47 0.00	31.68 1.21 0.00	31.75 1.31 0.00	33.24 1.29 0.00	33.32 1.35 0.00	31.32 1.24 0.00	28.38 1.00 0.00	29.70 0.87 0.00	24.71 0.61 0.00
BARRETT_IC_7 23710	17.96 0.85 0.00	18.06 0.86 0.00	18.00 0.82 0.00	17.19 0.69 0.00	17.90 0.64 0.00	18.54 0.64 0.00	20.80 0.77 0.00	27.03 1.14 0.00	25.61 0.84 0.00	24.07 0.78 0.00	30.47 1.20 -1.71	29.91 1.35 -0.08	28.43 1.24 -0.03	31.66 1.11 0.00	34.58 1.58 0.00	32.02 1.47 0.00	31.68 1.22 0.00	31.75 1.31 0.00	33.24 1.28 0.00	33.32 1.35 0.00	31.32 1.24 0.00	28.38 1.00 0.00	29.70 0.87 0.00	24.71 0.61 0.00
BARRETT_IC_8 23711	17.96 0.85 0.00	18.06 0.85 0.00	17.99 0.81 0.00	17.19 0.69 0.00	17.90 0.64 0.00	18.54 0.63 0.00	20.80 0.77 0.00	27.03 1.14 0.00	25.61 0.83 0.00	24.07 0.78 0.00	30.47 1.20 -1.71	29.91 1.35 -0.08	28.41 1.23 -0.03	31.67 1.11 0.00	34.58 1.59 0.00	32.02 1.47 0.00	31.68 1.21 0.00	31.75 1.31 0.00	33.24 1.29 0.00	33.32 1.35 0.00	31.32 1.24 0.00	28.38 1.00 0.00	29.70 0.87 0.00	24.71 0.61 0.00
BARRETT_IC_9 23700	17.96 0.85 0.00	18.06 0.85 0.00	17.99 0.81 0.00	17.19 0.69 0.00	17.90 0.64 0.00	18.54 0.63 0.00	20.80 0.77 0.00	27.03 1.14 0.00	25.61 0.83 0.00	24.07 0.78 0.00	30.47 1.20 -1.71	29.91 1.35 -0.08	28.41 1.23 -0.03	31.67 1.11 0.00	34.58 1.59 0.00	32.02 1.47 0.00	31.68 1.21 0.00	31.75 1.31 0.00	33.24 1.29 0.00	33.32 1.35 0.00	31.32 1.24 0.00	28.38 1.00 0.00	29.70 0.87 0.00	24.71 0.61 0.00
BARRETT___1 23545	17.96 0.85 0.00	18.06 0.85 0.00	17.99 0.81 0.00	17.19 0.69 0.00	17.90 0.64 0.00	18.54 0.63 0.00	20.80 0.77 0.00	27.03 1.14 0.00	25.61 0.83 0.00	24.07 0.78 0.00	30.47 1.20 -1.71	29.91 1.35 -0.08	28.41 1.23 -0.03	31.67 1.11 0.00	34.58 1.59 0.00	32.02 1.47 0.00	31.68 1.21 0.00	31.75 1.31 0.00	33.24 1.29 0.00	33.32 1.35 0.00	31.32 1.24 0.00	28.38 1.00 0.00	29.70 0.87 0.00	24.71 0.61 0.00
BARRETT___2 23546	17.96 0.85 0.00	18.06 0.85 0.00	17.99 0.81 0.00	17.19 0.69 0.00	17.90 0.64 0.00	18.54 0.63 0.00	20.80 0.77 0.00	27.03 1.14 0.00	25.61 0.83 0.00	24.07 0.78 0.00	30.47 1.20 -1.71	29.91 1.35 -0.08	28.41 1.23 -0.03	31.67 1.11 0.00	34.58 1.59 0.00	32.02 1.47 0.00	31.68 1.21 0.00	31.75 1.31 0.00	33.24 1.29 0.00	33.32 1.35 0.00	31.32 1.24 0.00	28.38 1.00 0.00	29.70 0.87 0.00	24.71 0.61 0.00
BATAVIA___115KV_TB1 55881	16.78 -0.33 0.00	16.83 -0.37 0.00	16.69 -0.49 0.00	16.05 -0.45 0.00	16.87 -0.39 0.00	17.54 -0.37 0.00	19.69 -0.34 0.00	25.73 -0.15 0.00	24.34 -0.44 0.00	22.99 -0.31 0.00	27.29 -0.27 0.00	28.10 -0.38 0.00	26.62 -0.54 0.00	29.84 -0.72 0.00	32.02 -0.97 0.00	29.83 -0.72 0.00	30.06 -0.41 0.00	30.39 -0.06 0.00	31.74 -0.21 0.00	31.69 -0.28 0.00	30.11 0.03 0.00	27.32 -0.06 0.00	28.85 0.02 0.00	24.32 0.22 0.00
BAYONEEC___CTG1 323682	17.99 0.88 0.00	18.06 0.86 0.00	18.05 0.86 0.00	17.31 0.81 0.00	18.06 0.80 0.00	18.77 0.86 0.00	21.08 1.04 0.00	27.45 1.56 0.00	26.08 1.31 0.00	24.51 1.22 0.00	30.70 1.42 -1.73	30.07 1.55 -0.04	28.55 1.40 0.00	32.02 1.46 0.00	34.58 1.58 0.00	31.98 1.43 0.00	31.87 1.40 0.00	32.02 1.58 0.00	33.55 1.60 0.00	33.62 1.64 0.00	31.62 1.54 0.00	28.56 1.18 0.00	29.90 1.07 0.00	24.87 0.78 0.00
BAYONEEC___CTG10 323750	17.99 0.88 0.00	18.06 0.86 0.00	18.05 0.86 0.00	17.31 0.81 0.00	18.06 0.80 0.00	18.77 0.86 0.00	21.08 1.04 0.00	27.45 1.56 0.00	26.08 1.31 0.00	24.51 1.22 0.00	30.70 1.42 -1.73	30.07 1.55 -0.04	28.55 1.40 0.00	32.02 1.46 0.00	34.58 1.58 0.00	31.98 1.43 0.00	31.87 1.40 0.00	32.02 1.58 0.00	33.55 1.60 0.00	33.62 1.64 0.00	31.62 1.54 0.00	28.56 1.18 0.00	29.90 1.07 0.00	24.87 0.78 0.00
BAYONEEC___CTG2 323683	17.99 0.88 0.00	18.06 0.86 0.00	18.05 0.86 0.00	17.31 0.81 0.00	18.06 0.80 0.00	18.77 0.86 0.00	21.08 1.04 0.00	27.45 1.56 0.00	26.08 1.31 0.00	24.51 1.22 0.00	30.70 1.42 -1.73	30.07 1.55 -0.04	28.55 1.40 0.00	32.02 1.46 0.00	34.58 1.58 0.00	31.98 1.43 0.00	31.87 1.40 0.00	32.02 1.58 0.00	33.55 1.60 0.00	33.62 1.64 0.00	31.62 1.54 0.00	28.56 1.18 0.00	29.90 1.07 0.00	24.87 0.78 0.00
BAYONEEC___CTG3 323684	17.99 0.88 0.00	18.06 0.86 0.00	18.05 0.86 0.00	17.31 0.81 0.00	18.06 0.80 0.00	18.77 0.86 0.00	21.08 1.04 0.00	27.45 1.56 0.00	26.08 1.31 0.00	24.51 1.22 0.00	30.70 1.42 -1.73	30.07 1.55 -0.04	28.55 1.40 0.00	32.02 1.46 0.00	34.58 1.58 0.00	31.98 1.43 0.00	31.87 1.40 0.00	32.02 1.58 0.00	33.55 1.60 0.00	33.62 1.64 0.00	31.62 1.54 0.00	28.56 1.18 0.00	29.90 1.07 0.00	24.87 0.78 0.00
BAYONEEC___CTG4 323685	17.99 0.88 0.00	18.06 0.86 0.00	18.05 0.86 0.00	17.31 0.81 0.00	18.06 0.80 0.00	18.77 0.86 0.00	21.08 1.04 0.00	27.45 1.56 0.00	26.08 1.31 0.00	24.51 1.22 0.00	30.70 1.42 -1.73	30.07 1.55 -0.04	28.55 1.40 0.00	32.02 1.46 0.00	34.58 1.58 0.00	31.98 1.43 0.00	31.87 1.40 0.00	32.02 1.58 0.00	33.55 1.60 0.00	33.62 1.64 0.00	31.62 1.54 0.00	28.56 1.18 0.00	29.90 1.07 0.00	24.87 0.78 0.00
BAYONEEC___CTG5 323686	17.99 0.88 0.00	18.06 0.86 0.00	18.05 0.86 0.00	17.31 0.81 0.00	18.06 0.80 0.00	18.77 0.86 0.00	21.08 1.04 0.00	27.45 1.56 0.00	26.08 1.31 0.00	24.51 1.22 0.00	30.70 1.42 -1.73	30.07 1.55 -0.04	28.55 1.40 0.00	32.02 1.46 0.00	34.58 1.58 0.00	31.98 1.43 0.00	31.87 1.40 0.00	32.02 1.58 0.00	33.55 1.60 0.00	33.62 1.64 0.00	31.62 1.54 0.00	28.56 1.18 0.00	29.90 1.07 0.00	24.87 0.78 0.00
BAYONEEC___CTG6 323687	17.99 0.88 0.00	18.06 0.86 0.00	18.05 0.86 0.00	17.31 0.81 0.00	18.06 0.80 0.00	18.77 0.86 0.00	21.08 1.04 0.00	27.45 1.56 0.00	26.08 1.31 0.00	24.51 1.22 0.00	30.70 1.42 -1.73	30.07 1.55 -0.04	28.55 1.40 0.00	32.02 1.46 0.00	34.58 1.58 0.00	31.98 1.43 0.00	31.87 1.40 0.00	32.02 1.58 0.00	33.55 1.60 0.00	33.62 1.64 0.00	31.62 1.54 0.00	28.56 1.18 0.00	29.90 1.07 0.00	24.87 0.78 0.00

BAYONEEC___CTG7 323688	17.99 0.88 0.00	18.06 0.86 0.00	18.05 0.86 0.00	17.31 0.81 0.00	18.06 0.80 0.00	18.77 0.86 0.00	21.08 1.04 0.00	27.45 1.56 0.00	26.08 1.31 0.00	24.51 1.22 0.00	30.70 1.42 -1.73	30.07 1.55 -0.04	28.55 1.40 0.00	32.02 1.46 0.00	34.58 1.58 0.00	31.98 1.43 0.00	31.87 1.40 0.00	32.02 1.58 0.00	33.55 1.60 0.00	33.62 1.64 0.00	31.62 1.54 0.00	28.56 1.18 0.00	29.90 1.07 0.00	24.87 0.78 0.00
BAYONEEC___CTG8 323689	17.99 0.88 0.00	18.06 0.86 0.00	18.05 0.86 0.00	17.31 0.81 0.00	18.06 0.80 0.00	18.77 0.86 0.00	21.08 1.04 0.00	27.45 1.56 0.00	26.08 1.31 0.00	24.51 1.22 0.00	30.70 1.42 -1.73	30.07 1.55 -0.04	28.55 1.40 0.00	32.02 1.46 0.00	34.58 1.58 0.00	31.98 1.43 0.00	31.87 1.40 0.00	32.02 1.58 0.00	33.55 1.60 0.00	33.62 1.64 0.00	31.62 1.54 0.00	28.56 1.18 0.00	29.90 1.07 0.00	24.87 0.78 0.00
BAYONEEC___CTG9 323749	17.99 0.88 0.00	18.06 0.86 0.00	18.05 0.86 0.00	17.31 0.81 0.00	18.06 0.80 0.00	18.77 0.86 0.00	21.08 1.04 0.00	27.45 1.56 0.00	26.08 1.31 0.00	24.51 1.22 0.00	30.70 1.42 -1.73	30.07 1.55 -0.04	28.55 1.40 0.00	32.02 1.46 0.00	34.58 1.58 0.00	31.98 1.43 0.00	31.87 1.40 0.00	32.02 1.58 0.00	33.55 1.60 0.00	33.62 1.64 0.00	31.62 1.54 0.00	28.56 1.18 0.00	29.90 1.07 0.00	24.87 0.78 0.00
BEACON___LESR 323632	17.52 0.40 0.00	17.60 0.40 0.00	17.58 0.40 0.00	16.91 0.41 0.00	17.69 0.43 0.00	18.32 0.41 0.00	20.55 0.52 0.00	26.70 0.81 0.00	25.43 0.65 0.00	23.86 0.57 0.00	28.56 0.65 -0.35	29.14 0.66 -0.01	27.74 0.59 0.00	31.20 0.64 0.00	33.66 0.66 0.00	31.14 0.58 0.00	31.06 0.59 0.00	31.13 0.69 0.00	32.78 0.83 0.00	32.74 0.76 0.00	30.78 0.70 0.00	27.84 0.46 0.00	29.09 0.26 0.00	24.29 0.19 0.00
BEAVER RIVER___HYD 24048	16.14 -0.97 0.00	16.28 -0.92 0.00	16.29 -0.88 0.00	15.67 -0.83 0.00	16.52 -0.74 0.00	17.25 -0.66 0.00	19.33 -0.70 0.00	25.10 -0.79 0.00	24.01 -0.76 0.00	22.42 -0.87 0.00	26.53 -1.03 0.00	27.44 -1.04 0.00	26.45 -0.70 0.00	30.13 -0.43 0.00	32.69 -0.30 0.00	30.32 -0.23 0.00	30.39 -0.08 0.00	30.48 0.03 0.00	32.09 0.14 0.00	32.11 0.14 0.00	30.16 0.09 0.00	27.27 -0.10 0.00	28.48 -0.35 0.00	23.93 -0.16 0.00
BEEBEE_GT_13 23619	16.74 -0.37 0.00	16.79 -0.41 0.00	16.69 -0.49 0.00	16.04 -0.46 0.00	16.84 -0.43 0.00	17.49 -0.42 0.00	19.59 -0.45 0.00	25.57 -0.31 0.00	24.29 -0.49 0.00	22.93 -0.36 0.00	27.15 -0.41 0.00	28.04 -0.44 0.00	26.67 -0.49 0.00	30.00 -0.56 0.00	32.26 -0.73 0.00	29.97 -0.58 0.00	29.99 -0.48 0.00	30.18 -0.26 0.00	31.57 -0.38 0.00	31.51 -0.46 0.00	29.84 -0.24 0.00	27.09 -0.29 0.00	28.57 -0.26 0.00	24.01 -0.09 0.00
BENSHRST_27_KV_BENSHRST_1 355998	18.20 1.08 0.00	18.25 1.05 0.00	18.25 1.07 0.00	17.51 1.01 0.00	18.27 1.01 0.00	18.99 1.08 0.00	21.34 1.30 -0.01	27.73 1.84 0.00	26.35 1.57 0.00	24.75 1.46 0.00	30.97 1.69 -1.72	30.37 1.85 -0.04	28.83 1.68 0.00	32.32 1.76 0.00	34.94 1.94 0.00	32.31 1.76 0.00	32.22 1.74 0.00	32.37 1.93 0.00	33.89 1.94 0.00	33.99 2.02 0.00	32.01 1.93 0.00	28.90 1.52 0.00	30.25 1.42 0.00	25.13 1.03 0.00
BETHLEHEM___GRP 23843	17.24 0.13 0.00	17.35 0.15 0.00	17.33 0.15 0.00	16.66 0.15 0.00	17.40 0.14 0.00	18.01 0.10 0.00	20.13 0.10 0.00	26.12 0.23 0.00	24.86 0.08 0.00	23.37 0.08 0.00	27.94 0.04 -0.35	28.53 0.04 -0.01	27.17 0.02 0.00	30.52 -0.04 0.00	32.98 -0.01 0.00	30.53 -0.02 0.00	30.42 -0.05 0.00	30.47 0.02 0.00	32.02 0.07 0.00	32.10 0.13 0.00	30.14 0.06 0.00	27.28 -0.10 0.00	28.59 -0.24 0.00	23.83 -0.27 0.00
BETHLEHEM___GS1 323560	17.24 0.13 0.00	17.35 0.15 0.00	17.33 0.15 0.00	16.66 0.15 0.00	17.40 0.14 0.00	18.01 0.10 0.00	20.14 0.10 0.00	26.12 0.23 0.00	24.86 0.08 0.00	23.37 0.08 0.00	27.94 0.04 -0.35	28.53 0.04 -0.01	27.17 0.02 0.00	30.52 -0.04 0.00	32.98 -0.01 0.00	30.53 -0.02 0.00	30.42 -0.05 0.00	30.47 0.02 0.00	32.02 0.07 0.00	32.10 0.13 0.00	30.14 0.06 0.00	27.28 -0.10 0.00	28.59 -0.24 0.00	23.83 -0.27 0.00
BETHLEHEM___GS2 323561	17.24 0.13 0.00	17.35 0.15 0.00	17.33 0.15 0.00	16.66 0.15 0.00	17.40 0.14 0.00	18.01 0.10 0.00	20.14 0.10 0.00	26.12 0.23 0.00	24.86 0.08 0.00	23.37 0.08 0.00	27.94 0.04 -0.35	28.53 0.04 -0.01	27.17 0.02 0.00	30.52 -0.04 0.00	32.98 -0.01 0.00	30.53 -0.02 0.00	30.42 -0.05 0.00	30.47 0.02 0.00	32.02 0.07 0.00	32.10 0.13 0.00	30.14 0.06 0.00	27.28 -0.10 0.00	28.59 -0.24 0.00	23.83 -0.27 0.00
BETHLEHEM___GS3 323562	17.24 0.13 0.00	17.35 0.15 0.00	17.33 0.15 0.00	16.66 0.15 0.00	17.40 0.14 0.00	18.01 0.10 0.00	20.14 0.10 0.00	26.12 0.23 0.00	24.86 0.08 0.00	23.37 0.08 0.00	27.94 0.04 -0.35	28.53 0.04 -0.01	27.17 0.02 0.00	30.52 -0.04 0.00	32.98 -0.01 0.00	30.53 -0.02 0.00	30.42 -0.05 0.00	30.47 0.02 0.00	32.02 0.07 0.00	32.10 0.13 0.00	30.14 0.06 0.00	27.28 -0.10 0.00	28.59 -0.24 0.00	23.83 -0.27 0.00
BETHLEHEM___STEEL 23779	16.57 -0.54 0.00	16.61 -0.59 0.00	16.46 -0.71 0.00	15.85 -0.65 0.00	16.67 -0.59 0.00	17.29 -0.62 0.00	19.32 -0.71 0.00	25.35 -0.54 0.00	24.00 -0.77 0.00	22.69 -0.60 0.00	26.82 -0.73 0.00	27.67 -0.81 0.00	26.31 -0.85 0.00	29.67 -0.89 0.00	31.76 -1.24 0.00	29.51 -1.05 0.00	29.55 -0.92 0.00	29.93 -0.51 0.00	31.22 -0.73 0.00	31.16 -0.81 0.00	29.65 -0.43 0.00	27.00 -0.38 0.00	28.56 -0.27 0.00	24.05 -0.05 0.00
BETHLHEM_115KV_TB1 79974	17.25 0.14 0.00	17.36 0.16 0.00	17.35 0.17 0.00	16.67 0.17 0.00	17.42 0.15 0.00	18.03 0.12 0.00	20.15 0.12 0.00	26.15 0.26 0.00	24.89 0.11 0.00	23.40 0.11 0.00	27.97 0.06 -0.35	28.56 0.07 -0.01	27.20 0.04 0.00	30.55 -0.01 0.00	33.01 0.02 0.00	30.57 0.01 0.00	30.45 -0.02 0.00	30.50 0.06 0.00	32.06 0.11 0.00	32.14 0.17 0.00	30.17 0.09 0.00	27.31 -0.07 0.00	28.62 -0.21 0.00	23.84 -0.25 0.00
BETHPAGE_CC_5 323564	18.07 0.96 0.00	18.14 0.94 0.00	18.08 0.90 0.00	17.26 0.76 0.00	17.97 0.71 0.00	18.62 0.71 0.00	20.96 0.93 0.00	27.30 1.41 0.00	25.85 1.07 0.00	24.30 1.00 0.00	30.66 1.39 -1.71	30.08 1.55 -0.04	28.54 1.38 0.00	31.86 1.30 0.00	34.81 1.82 0.00	32.21 1.66 0.00	31.89 1.42 0.00	31.96 1.52 0.00	33.47 1.52 0.00	33.62 1.64 0.00	31.60 1.52 0.00	28.54 1.16 0.00	29.81 0.99 0.00	24.78 0.69 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	16.63 -0.48 0.00	16.66 -0.54 0.00	16.53 -0.65 0.00	15.91 -0.59 0.00	16.72 -0.54 0.00	17.35 -0.56 0.00	19.40 -0.64 0.00	25.45 -0.43 0.00	24.12 -0.66 0.00	22.79 -0.50 0.00	26.93 -0.62 0.00	27.79 -0.69 0.00	26.42 -0.74 0.00	29.79 -0.77 0.00	31.88 -1.12 0.00	29.63 -0.93 0.00	29.65 -0.82 0.00	30.05 -0.39 0.00	31.34 -0.61 0.00	31.28 -0.70 0.00	29.77 -0.31 0.00	27.11 -0.27 0.00	28.67 -0.16 0.00	24.13 0.04 0.00

BINGHAMTON___COGEN 23790	17.06 -0.05 0.00	17.11 -0.09 0.00	17.07 -0.11 0.00	16.42 -0.08 0.00	17.21 -0.05 0.00	17.86 -0.05 0.00	19.99 -0.05 0.00	26.14 0.25 0.00	24.78 0.00 0.00	23.27 -0.03 0.00	27.52 -0.03 0.00	28.43 -0.05 0.00	27.03 -0.13 0.00	30.45 -0.11 0.00	32.77 -0.23 0.00	30.39 -0.16 0.00	30.27 -0.20 0.00	30.61 0.17 0.00	32.02 0.07 0.00	32.03 0.05 0.00	30.20 0.12 0.00	27.48 0.10 0.00	28.97 0.14 0.00	24.09 -0.01 0.00
BIXINCNT_115KV_LOAD 355685	16.72 -0.40 0.00	16.72 -0.48 0.00	16.68 -0.50 0.00	16.10 -0.40 0.00	16.72 -0.54 0.00	17.50 -0.41 0.00	19.65 -0.38 0.00	25.85 -0.04 0.00	24.50 -0.28 0.00	23.08 -0.21 0.00	27.11 -0.45 0.00	28.02 -0.46 0.00	26.61 -0.55 0.00	29.95 -0.61 0.00	31.99 -1.01 0.00	29.79 -0.77 0.00	29.62 -0.85 0.00	30.22 -0.22 0.00	31.34 -0.61 0.00	31.48 -0.50 0.00	30.20 0.12 0.00	27.54 0.15 0.00	28.98 0.15 0.00	24.39 0.29 0.00
BLACK RIVER___HYD 24047	16.04 -1.07 0.00	16.11 -1.09 0.00	16.09 -1.08 0.00	15.50 -1.01 0.00	16.34 -0.93 0.00	17.08 -0.83 0.00	19.18 -0.85 0.00	24.97 -0.92 0.00	23.87 -0.91 0.00	22.25 -1.04 0.00	26.36 -1.20 0.00	27.26 -1.22 0.00	26.36 -0.79 0.00	30.04 -0.52 0.00	32.61 -0.38 0.00	30.18 -0.37 0.00	30.34 -0.13 0.00	30.49 0.05 0.00	32.06 0.11 0.00	32.09 0.12 0.00	30.12 0.04 0.00	27.16 -0.22 0.00	28.33 -0.50 0.00	23.78 -0.31 0.00
BLACKRVR_115KV_TB2 79977	16.04 -1.07 0.00	16.11 -1.09 0.00	16.09 -1.08 0.00	15.50 -1.01 0.00	16.34 -0.93 0.00	17.08 -0.83 0.00	19.18 -0.85 0.00	24.97 -0.92 0.00	23.87 -0.91 0.00	22.25 -1.04 0.00	26.36 -1.20 0.00	27.26 -1.22 0.00	26.36 -0.79 0.00	30.04 -0.52 0.00	32.61 -0.38 0.00	30.18 -0.37 0.00	30.34 -0.13 0.00	30.49 0.05 0.00	32.06 0.11 0.00	32.09 0.12 0.00	30.12 0.04 0.00	27.16 -0.22 0.00	28.33 -0.50 0.00	23.78 -0.31 0.00
BLISS_WT_PWR 323608	16.65 -0.46 0.00	16.64 -0.56 0.00	16.63 -0.55 0.00	16.07 -0.43 0.00	16.63 -0.63 0.00	17.44 -0.47 0.00	19.60 -0.43 0.00	25.79 -0.09 0.00	24.46 -0.32 0.00	23.05 -0.24 0.00	27.03 -0.52 0.00	27.95 -0.53 0.00	26.55 -0.61 0.00	29.86 -0.69 0.00	31.89 -1.10 0.00	29.71 -0.84 0.00	29.51 -0.96 0.00	30.15 -0.29 0.00	31.23 -0.72 0.00	31.41 -0.56 0.00	30.20 0.12 0.00	27.56 0.18 0.00	28.96 0.13 0.00	24.37 0.27 0.00
BLUESTONE___WT_PWR 323821	16.71 -0.40 0.00	17.03 -0.17 0.00	16.98 -0.20 0.00	16.10 -0.41 0.00	16.96 -0.30 0.00	17.82 -0.09 0.00	20.01 -0.02 0.00	26.14 0.26 0.00	24.91 0.13 0.00	23.46 0.17 0.00	27.76 0.21 0.00	28.55 0.07 0.00	27.46 0.30 0.00	31.08 0.53 0.00	33.63 0.63 0.00	31.19 0.63 0.00	31.40 0.93 0.00	31.93 1.48 0.00	33.32 1.37 0.00	33.06 1.09 0.00	31.24 1.16 0.00	28.38 1.00 0.00	29.67 0.84 0.00	24.63 0.53 0.00
BLUE_CIRC_CHEM_DRP 24182	17.50 0.39 0.00	17.62 0.42 0.00	17.61 0.43 0.00	16.92 0.42 0.00	17.69 0.43 0.00	18.33 0.42 0.00	20.51 0.47 0.00	26.57 0.68 0.00	25.29 0.52 0.00	23.76 0.46 0.00	28.04 0.49 0.00	28.99 0.51 0.00	27.61 0.45 0.00	31.01 0.45 0.00	33.52 0.52 0.00	31.04 0.49 0.00	30.93 0.46 0.00	30.98 0.54 0.00	32.58 0.62 0.00	32.67 0.70 0.00	30.67 0.59 0.00	27.79 0.41 0.00	29.14 0.32 0.00	24.31 0.21 0.00
BOC_GAS_DRP 24189	17.42 0.31 0.00	17.54 0.34 0.00	17.52 0.34 0.00	16.83 0.33 0.00	17.59 0.33 0.00	18.23 0.32 0.00	20.40 0.36 0.00	26.44 0.55 0.00	25.17 0.40 0.00	23.66 0.36 0.00	28.31 0.40 -0.35	28.92 0.43 -0.01	27.55 0.39 0.00	30.94 0.38 0.00	33.44 0.44 0.00	30.95 0.40 0.00	30.84 0.37 0.00	30.89 0.45 0.00	32.44 0.49 0.00	32.51 0.54 0.00	30.54 0.46 0.00	27.68 0.30 0.00	29.04 0.21 0.00	24.22 0.13 0.00
BOONVILLE_115KV_TB1 79983	16.93 -0.18 0.00	17.01 -0.19 0.00	16.99 -0.19 0.00	16.34 -0.16 0.00	17.16 -0.10 0.00	17.88 -0.03 0.00	20.07 0.03 0.00	26.03 0.15 0.00	24.88 0.10 0.00	23.31 0.02 0.00	27.58 0.03 0.00	28.55 0.07 0.00	27.33 0.17 0.00	30.95 0.40 0.00	33.49 0.49 0.00	31.08 0.52 0.00	31.05 0.58 0.00	31.12 0.68 0.00	32.70 0.75 0.00	32.73 0.76 0.00	30.77 0.69 0.00	27.88 0.50 0.00	29.19 0.36 0.00	24.41 0.31 0.00
BORALEX_4TH_BRANCH 23824	17.84 0.73 0.00	17.94 0.74 0.00	17.95 0.78 0.00	17.26 0.76 0.00	18.02 0.76 0.00	18.73 0.83 0.00	20.91 0.88 0.00	26.92 1.04 0.00	25.45 0.67 0.00	23.94 0.65 0.00	28.74 0.78 -0.40	29.25 0.76 -0.01	27.94 0.78 0.00	31.32 0.76 0.00	33.84 0.85 0.00	31.34 0.79 0.00	31.09 0.62 0.00	31.15 0.71 0.00	32.92 0.97 0.00	33.16 1.19 0.00	31.06 0.98 0.00	28.08 0.70 0.00	29.40 0.57 0.00	24.50 0.40 0.00
BOWLINE___1 23526	17.80 0.69 0.00	17.87 0.67 0.00	17.85 0.67 0.00	17.13 0.63 0.00	17.89 0.63 0.00	18.58 0.67 0.00	20.85 0.81 0.00	27.10 1.21 0.00	25.69 0.91 0.00	24.11 0.82 0.00	24.33 0.93 4.15	29.38 1.01 0.10	28.07 0.92 0.00	31.48 0.92 0.00	34.04 1.05 0.00	31.49 0.93 0.00	31.39 0.91 0.00	31.54 1.10 0.00	33.07 1.12 0.00	33.18 1.20 0.00	31.19 1.12 0.00	28.21 0.83 0.00	29.62 0.79 0.00	24.64 0.54 0.00
BOWLINE___2 23595	17.80 0.69 0.00	17.87 0.67 0.00	17.85 0.67 0.00	17.13 0.63 0.00	17.89 0.63 0.00	18.58 0.67 0.00	20.84 0.80 0.00	27.08 1.19 0.00	25.67 0.90 0.00	24.09 0.79 0.00	24.30 0.90 4.16	29.35 0.97 0.10	28.04 0.89 0.00	31.43 0.87 0.00	34.00 1.00 0.00	31.44 0.89 0.00	31.35 0.88 0.00	31.50 1.05 0.00	33.02 1.06 0.00	33.12 1.14 0.00	31.14 1.06 0.00	28.16 0.78 0.00	29.60 0.77 0.00	24.64 0.54 0.00
BRADY___115KV_TB2 356060	17.21 0.10 0.00	17.20 0.00 0.00	17.23 0.06 0.00	16.53 0.03 0.00	17.29 0.03 0.00	17.95 0.05 0.00	20.05 0.02 0.00	25.81 -0.08 0.00	24.92 0.15 0.00	23.37 0.08 0.00	27.69 0.14 0.00	28.55 0.07 0.00	27.32 0.16 0.00	30.84 0.28 0.00	33.32 0.33 0.00	30.82 0.27 0.00	30.82 0.35 0.00	30.64 0.20 0.00	32.26 0.30 0.00	32.16 0.19 0.00	30.25 0.17 0.00	27.64 0.26 0.00	29.13 0.30 0.00	24.51 0.41 0.00
BRANSCOMB___SOLAR 323811	17.64 0.53 0.00	17.75 0.55 0.00	17.74 0.57 0.00	17.06 0.56 0.00	17.84 0.57 0.00	18.54 0.63 0.00	20.80 0.77 0.00	26.90 1.02 0.00	25.60 0.82 0.00	24.10 0.80 0.00	28.82 0.92 -0.34	29.46 0.97 -0.01	27.94 0.79 0.00	31.39 0.83 0.00	33.92 0.92 0.00	31.42 0.86 0.00	31.26 0.79 0.00	31.38 0.94 0.00	33.10 1.15 0.00	33.27 1.30 0.00	31.19 1.11 0.00	28.15 0.77 0.00	29.44 0.62 0.00	24.51 0.41 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	18.21 1.10 0.00	18.29 1.09 0.00	18.24 1.06 0.00	17.38 0.88 0.00	18.05 0.79 0.00	18.69 0.78 0.00	21.11 1.08 0.00	27.49 1.60 0.00	25.96 1.18 0.00	24.36 1.06 0.00	30.88 1.61 -1.71	30.27 1.75 -0.04	28.75 1.60 0.00	32.05 1.50 0.00	35.04 2.05 0.00	32.44 1.89 0.00	32.11 1.64 0.00	32.17 1.73 0.00	33.68 1.73 0.00	33.75 1.78 0.00	31.79 1.72 0.00	28.73 1.35 0.00	29.98 1.15 0.00	24.91 0.81 0.00



BRISTLHL_115KV_TB1 79998	16.67 -0.44 0.00	16.74 -0.46 0.00	16.70 -0.48 0.00	16.04 -0.46 0.00	16.82 -0.45 0.00	17.47 -0.44 0.00	19.55 -0.48 0.00	25.41 -0.48 0.00	24.21 -0.57 0.00	22.75 -0.54 0.00	26.93 -0.62 0.00	27.81 -0.67 0.00	26.51 -0.65 0.00	29.81 -0.75 0.00	32.15 -0.84 0.00	29.78 -0.78 0.00	29.80 -0.66 0.00	29.97 -0.47 0.00	31.42 -0.54 0.00	31.43 -0.55 0.00	29.60 -0.47 0.00	26.89 -0.49 0.00	28.26 -0.56 0.00	23.59 -0.50 0.00
BROOKHAVEN___DRP 24191	18.13 1.02 0.00	18.22 1.02 0.00	18.19 1.01 0.00	17.33 0.83 0.00	18.00 0.74 0.00	18.62 0.71 0.00	21.11 1.07 0.00	27.45 1.57 0.00	25.86 1.08 0.00	24.28 0.99 0.00	30.71 1.44 -1.71	30.10 1.58 -0.04	28.60 1.44 0.00	31.87 1.32 0.00	34.85 1.86 0.00	32.27 1.72 0.00	31.98 1.51 0.00	32.04 1.60 0.00	33.57 1.61 0.00	33.70 1.73 0.00	31.66 1.58 0.00	28.61 1.22 0.00	29.82 0.99 0.00	24.73 0.63 0.00
BROOKLYN_NAVY_YARD 23515	17.98 0.87 0.00	18.05 0.85 0.00	18.04 0.86 0.00	17.31 0.81 0.00	18.06 0.80 0.00	18.77 0.86 0.00	21.07 1.04 0.00	27.39 1.51 0.01	26.04 1.26 0.00	24.47 1.18 0.00	30.65 1.37 -1.72	30.01 1.49 -0.03	28.50 1.36 0.01	31.96 1.41 0.00	34.52 1.53 0.00	31.92 1.38 0.01	31.81 1.35 0.01	31.96 1.52 0.01	33.49 1.54 0.00	33.56 1.59 0.00	31.56 1.48 0.00	28.50 1.12 0.00	29.83 1.01 0.01	24.82 0.72 0.00
BROOKLYN___ARMY_DRP 323595	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.45 0.94 0.00	18.20 0.94 0.00	18.91 1.00 0.00	21.25 1.21 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.75 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
BROOKVLE_69_KV_TB1 55790	18.11 1.00 0.00	18.16 0.96 0.00	18.11 0.93 0.00	17.32 0.82 0.00	18.06 0.80 0.00	18.74 0.83 0.00	21.08 1.04 0.00	27.44 1.55 0.00	26.03 1.26 0.00	24.47 1.18 0.00	30.80 1.53 -1.71	30.21 1.68 -0.05	28.69 1.53 0.00	32.06 1.50 0.00	34.89 1.89 0.00	32.28 1.72 0.00	32.02 1.55 0.00	32.13 1.69 0.00	33.66 1.71 0.00	33.77 1.80 0.00	31.75 1.67 0.00	28.70 1.32 0.00	29.99 1.16 0.00	24.93 0.83 0.00
BROOME_2_LFGE 323671	17.06 -0.05 0.00	17.11 -0.09 0.00	17.08 -0.10 0.00	16.42 -0.08 0.00	17.21 -0.05 0.00	17.86 -0.05 0.00	19.99 -0.05 0.00	26.14 0.25 0.00	24.78 0.01 0.00	23.27 -0.02 0.00	27.52 -0.03 0.00	28.43 -0.06 0.00	27.03 -0.13 0.00	30.45 -0.11 0.00	32.76 -0.23 0.00	30.40 -0.16 0.00	30.27 -0.20 0.00	30.61 0.17 0.00	32.02 0.07 0.00	32.03 0.05 0.00	30.20 0.12 0.00	27.48 0.10 0.00	28.97 0.14 0.00	24.09 -0.01 0.00
BROOME___LFGE 323600	17.06 -0.05 0.00	17.11 -0.09 0.00	17.08 -0.10 0.00	16.42 -0.08 0.00	17.21 -0.05 0.00	17.86 -0.05 0.00	19.99 -0.05 0.00	26.14 0.25 0.00	24.78 0.01 0.00	23.27 -0.02 0.00	27.52 -0.03 0.00	28.43 -0.06 0.00	27.03 -0.13 0.00	30.45 -0.11 0.00	32.76 -0.23 0.00	30.40 -0.16 0.00	30.27 -0.20 0.00	30.61 0.17 0.00	32.02 0.07 0.00	32.03 0.05 0.00	30.20 0.12 0.00	27.48 0.10 0.00	28.97 0.14 0.00	24.09 -0.01 0.00
BROWNFLS_115KV_TB 3_5 80003	16.04 -1.07 0.00	16.33 -0.87 0.00	16.41 -0.77 0.00	15.76 -0.74 0.00	16.56 -0.70 0.00	17.24 -0.67 0.00	19.29 -0.74 0.00	24.96 -0.93 0.00	23.98 -0.80 0.00	22.44 -0.85 0.00	26.55 -1.01 0.00	27.42 -1.06 0.00	26.31 -0.85 0.00	29.85 -0.71 0.00	32.36 -0.63 0.00	29.99 -0.56 0.00	30.02 -0.45 0.00	29.99 -0.45 0.00	31.59 -0.36 0.00	31.56 -0.41 0.00	29.65 -0.43 0.00	26.92 -0.47 0.00	28.20 -0.62 0.00	23.73 -0.37 0.00
BROWNSV1_27_KV_LOAD 356125	18.15 1.03 0.00	18.21 1.01 0.00	18.19 1.01 0.00	17.45 0.95 0.00	18.21 0.95 0.00	18.92 1.02 0.00	21.26 1.23 0.00	27.72 1.84 0.00	26.35 1.57 0.00	24.75 1.47 0.00	31.00 1.72 -1.73	30.38 1.85 -0.04	28.85 1.69 0.00	32.34 1.78 0.00	34.94 1.95 0.00	32.32 1.76 0.00	32.20 1.73 0.00	32.36 1.92 0.00	33.90 1.95 0.00	33.98 2.01 0.00	31.97 1.89 0.00	28.85 1.47 0.00	30.21 1.38 0.00	25.11 1.02 0.00
BURROWS___LYONSDAL 23803	16.70 -0.41 0.00	16.80 -0.40 0.00	16.78 -0.40 0.00	16.14 -0.37 0.00	16.98 -0.28 0.00	17.69 -0.21 0.00	19.85 -0.18 0.00	25.77 -0.12 0.00	24.63 -0.15 0.00	23.06 -0.23 0.00	27.27 -0.28 0.00	28.23 -0.25 0.00	27.09 -0.07 0.00	30.73 0.17 0.00	33.29 0.29 0.00	30.90 0.34 0.00	30.89 0.42 0.00	30.97 0.53 0.00	32.57 0.62 0.00	32.60 0.62 0.00	30.63 0.55 0.00	27.73 0.35 0.00	29.00 0.18 0.00	24.29 0.19 0.00
CAITHNESS_CC_1 323624	18.13 1.02 0.00	18.22 1.02 0.00	18.18 1.00 0.00	17.32 0.82 0.00	17.99 0.73 0.00	18.61 0.70 0.00	21.07 1.04 0.00	27.42 1.54 0.00	25.85 1.07 0.00	24.28 0.99 0.00	30.70 1.43 -1.71	30.11 1.59 -0.04	28.58 1.43 0.00	31.87 1.31 0.00	34.84 1.85 0.00	32.28 1.72 0.00	31.95 1.48 0.00	32.01 1.57 0.00	33.53 1.58 0.00	33.67 1.70 0.00	31.64 1.56 0.00	28.58 1.20 0.00	29.81 0.99 0.00	24.74 0.64 0.00
CALPINE BETH_PAGE_GT4 24209	18.05 0.94 0.00	18.13 0.92 0.00	18.07 0.89 0.00	17.25 0.75 0.00	17.96 0.70 0.00	18.60 0.70 0.00	20.94 0.90 0.00	27.23 1.35 0.00	25.79 1.02 0.00	24.25 0.96 0.00	30.60 1.34 -1.71	30.01 1.48 -0.05	28.50 1.34 0.00	31.80 1.24 0.00	34.74 1.74 0.00	32.15 1.60 0.00	31.83 1.36 0.00	31.90 1.46 0.00	33.40 1.45 0.00	33.55 1.58 0.00	31.53 1.46 0.00	28.49 1.11 0.00	29.75 0.92 0.00	24.73 0.64 0.00
CALPINE_BETH_PAGE_GT_4 323586	18.05 0.94 0.00	18.13 0.92 0.00	18.06 0.89 0.00	17.24 0.75 0.00	17.95 0.69 0.00	18.60 0.70 0.00	20.94 0.90 0.00	27.23 1.35 0.00	25.79 1.02 0.00	24.25 0.96 0.00	30.60 1.34 -1.71	30.02 1.49 -0.05	28.49 1.33 0.00	31.80 1.24 0.00	34.74 1.74 0.00	32.15 1.60 0.00	31.82 1.35 0.00	31.90 1.46 0.00	33.40 1.45 0.00	33.55 1.58 0.00	31.53 1.46 0.00	28.49 1.11 0.00	29.75 0.92 0.00	24.73 0.64 0.00
CALPINE_BP_GT1 23823	18.05 0.94 0.00	18.13 0.92 0.00	18.06 0.89 0.00	17.24 0.75 0.00	17.95 0.69 0.00	18.60 0.70 0.00	20.94 0.90 0.00	27.23 1.35 0.00	25.79 1.02 0.00	24.25 0.96 0.00	30.60 1.34 -1.71	30.02 1.49 -0.05	28.49 1.33 0.00	31.80 1.24 0.00	34.74 1.74 0.00	32.15 1.60 0.00	31.82 1.35 0.00	31.90 1.46 0.00	33.40 1.45 0.00	33.55 1.58 0.00	31.53 1.46 0.00	28.49 1.11 0.00	29.75 0.92 0.00	24.73 0.64 0.00
CALSPAN___DRP 24200	16.57 -0.54 0.00	16.61 -0.59 0.00	16.46 -0.71 0.00	15.85 -0.65 0.00	16.67 -0.59 0.00	17.29 -0.62 0.00	19.32 -0.71 0.00	25.35 -0.54 0.00	24.00 -0.77 0.00	22.69 -0.60 0.00	26.82 -0.73 0.00	27.67 -0.81 0.00	26.31 -0.85 0.00	29.67 -0.89 0.00	31.76 -1.24 0.00	29.51 -1.05 0.00	29.55 -0.92 0.00	29.93 -0.51 0.00	31.22 -0.73 0.00	31.16 -0.81 0.00	29.65 -0.43 0.00	27.00 -0.38 0.00	28.56 -0.27 0.00	24.05 -0.05 0.00

CALVERTON___SOLAR 323806	18.14 1.03 0.00	18.24 1.03 0.00	18.20 1.02 0.00	17.35 0.85 0.00	18.02 0.76 0.00	18.64 0.73 0.00	21.15 1.11 0.00	27.52 1.64 0.00	25.89 1.12 0.00	24.32 1.03 0.00	30.75 1.48 -1.71	30.16 1.64 -0.04	28.63 1.47 0.00	31.93 1.37 0.00	34.90 1.91 0.00	32.33 1.78 0.00	32.04 1.57 0.00	32.10 1.66 0.00	33.63 1.68 0.00	33.77 1.79 0.00	31.72 1.65 0.00	28.66 1.28 0.00	29.87 1.04 0.00	24.75 0.66 0.00
CANDIGU_WT_PWR 323617	16.48 -0.63 0.00	16.51 -0.69 0.00	16.48 -0.70 0.00	15.89 -0.61 0.00	16.78 -0.48 0.00	17.32 -0.59 0.00	19.52 -0.51 0.00	25.80 -0.08 0.00	24.36 -0.42 0.00	22.96 -0.33 0.00	27.05 -0.50 0.00	27.84 -0.64 0.00	26.30 -0.86 0.00	29.82 -0.74 0.00	31.98 -1.02 0.00	29.65 -0.90 0.00	29.53 -0.94 0.00	30.09 -0.36 0.00	31.47 -0.48 0.00	31.46 -0.51 0.00	29.94 -0.13 0.00	27.38 0.00 0.00	28.90 0.07 0.00	23.92 -0.17 0.00
CARR STREET_E_SYR 24060	16.83 -0.28 0.00	16.90 -0.30 0.00	16.85 -0.33 0.00	16.20 -0.30 0.00	16.97 -0.29 0.00	17.63 -0.28 0.00	19.74 -0.30 0.00	25.67 -0.22 0.00	24.46 -0.31 0.00	22.99 -0.30 0.00	27.21 -0.34 0.00	28.11 -0.37 0.00	26.78 -0.38 0.00	30.13 -0.43 0.00	32.41 -0.58 0.00	30.10 -0.46 0.00	30.09 -0.38 0.00	30.27 -0.18 0.00	31.71 -0.24 0.00	31.72 -0.26 0.00	29.88 -0.19 0.00	27.15 -0.23 0.00	28.54 -0.28 0.00	23.83 -0.27 0.00
CARTHAGE___PAPER 23857	16.20 -0.91 0.00	16.31 -0.89 0.00	16.32 -0.86 0.00	15.70 -0.81 0.00	16.55 -0.71 0.00	17.30 -0.61 0.00	19.41 -0.63 0.00	25.22 -0.67 0.00	24.11 -0.66 0.00	22.50 -0.79 0.00	26.61 -0.94 0.00	27.51 -0.97 0.00	26.59 -0.57 0.00	30.29 -0.27 0.00	32.88 -0.11 0.00	30.46 -0.09 0.00	30.57 0.10 0.00	30.68 0.24 0.00	32.30 0.34 0.00	32.32 0.35 0.00	30.35 0.27 0.00	27.41 0.03 0.00	28.61 -0.22 0.00	24.03 -0.07 0.00
CASSADAGA_WT_PWR 323784	16.77 -0.34 0.00	16.81 -0.39 0.00	16.49 -0.69 0.00	16.00 -0.50 0.00	16.97 -0.29 0.00	17.51 -0.40 0.00	19.71 -0.32 0.00	26.18 0.30 0.00	24.75 -0.03 0.00	23.10 -0.19 0.00	27.29 -0.26 0.00	28.28 -0.20 0.00	26.89 -0.27 0.00	30.42 -0.13 0.00	32.43 -0.57 0.00	30.08 -0.48 0.00	29.86 -0.61 0.00	30.51 0.07 0.00	32.15 0.20 0.00	32.25 0.28 0.00	30.68 0.60 0.00	27.59 0.21 0.00	28.98 0.16 0.00	24.15 0.05 0.00
CE_DUNWOOD___DRP 24194	17.91 0.80 0.00	17.98 0.78 0.00	17.97 0.79 0.00	17.24 0.73 0.00	17.99 0.73 0.00	18.68 0.77 0.00	20.97 0.94 0.00	27.28 1.40 0.00	25.90 1.13 0.00	24.33 1.04 0.00	30.63 1.23 -1.84	29.85 1.33 -0.05	28.36 1.21 0.00	31.80 1.24 0.00	34.39 1.39 0.00	31.81 1.26 0.00	31.69 1.22 0.00	31.84 1.39 0.00	33.38 1.43 0.00	33.47 1.49 0.00	31.47 1.39 0.00	28.43 1.05 0.00	29.79 0.97 0.00	24.77 0.67 0.00
CE_MILLWOOD___DRP 24193	17.89 0.78 0.00	17.96 0.76 0.00	17.94 0.76 0.00	17.22 0.72 0.00	17.97 0.71 0.00	18.65 0.74 0.00	20.94 0.91 0.00	27.24 1.35 0.00	25.86 1.08 0.00	24.29 1.00 0.00	30.68 1.18 -1.94	29.80 1.27 -0.05	28.31 1.15 0.00	31.74 1.18 0.00	34.33 1.34 0.00	31.76 1.21 0.00	31.63 1.17 0.00	31.78 1.34 0.00	33.33 1.37 0.00	33.42 1.44 0.00	31.42 1.35 0.00	28.39 1.01 0.00	29.76 0.93 0.00	24.75 0.65 0.00
CE_NYC2_DRP 24202	18.04 0.93 0.00	18.12 0.92 0.00	18.11 0.93 0.00	17.37 0.87 0.00	18.12 0.86 0.00	18.83 0.92 0.00	21.16 1.12 -0.01	27.53 1.64 0.00	26.17 1.39 0.00	24.58 1.30 0.00	30.78 1.50 -1.72	30.16 1.64 -0.04	28.64 1.48 0.00	32.11 1.55 0.00	34.69 1.70 0.00	32.08 1.53 0.00	31.97 1.50 0.00	32.13 1.69 0.00	33.64 1.69 0.00	33.71 1.74 0.00	31.72 1.65 0.00	28.65 1.27 0.00	29.99 1.16 0.00	24.93 0.83 0.00
CE_NYC_DRP 24195	18.03 0.91 0.00	18.09 0.89 0.00	18.07 0.89 0.00	17.35 0.85 0.00	18.09 0.83 0.00	18.80 0.89 0.00	21.12 1.08 0.00	27.50 1.61 0.00	26.14 1.36 0.00	24.56 1.27 0.00	30.76 1.48 -1.73	30.13 1.61 -0.04	28.62 1.46 0.00	32.08 1.53 0.00	34.66 1.67 0.00	32.06 1.51 0.00	31.94 1.48 0.00	32.09 1.65 0.00	33.62 1.67 0.00	33.69 1.72 0.00	31.68 1.60 0.00	28.61 1.23 0.00	29.95 1.13 0.00	24.92 0.82 0.00
CHAFFEE___LFGE 323603	16.70 -0.41 0.00	16.73 -0.47 0.00	16.61 -0.57 0.00	15.98 -0.52 0.00	16.81 -0.45 0.00	17.43 -0.48 0.00	19.49 -0.54 0.00	25.58 -0.30 0.00	24.22 -0.55 0.00	22.88 -0.41 0.00	27.05 -0.50 0.00	27.91 -0.57 0.00	26.52 -0.63 0.00	29.91 -0.65 0.00	32.01 -0.98 0.00	29.75 -0.80 0.00	29.79 -0.68 0.00	30.19 -0.25 0.00	31.50 -0.45 0.00	31.43 -0.54 0.00	29.90 -0.18 0.00	27.22 -0.16 0.00	28.78 -0.04 0.00	24.22 0.12 0.00
CHATEAUG_35_KV_LOAD 355732	16.70 -0.41 0.00	16.84 -0.36 0.00	16.92 -0.26 0.00	16.15 -0.35 0.00	16.77 -0.49 0.00	17.36 -0.55 0.00	19.31 -0.72 0.00	25.04 -0.85 0.00	24.22 -0.55 0.00	22.80 -0.49 0.00	27.07 -0.49 0.00	28.06 -0.42 0.00	26.97 -0.19 0.00	30.65 0.09 0.00	33.21 0.22 0.00	30.68 0.12 0.00	30.71 0.24 0.00	30.75 0.30 0.00	32.65 0.70 0.00	32.61 0.64 0.00	30.53 0.45 0.00	27.80 0.42 0.00	29.31 0.48 0.00	24.72 0.62 0.00
CHATEAUG_WT_PWR 323614	16.63 -0.48 0.00	16.76 -0.43 0.00	16.82 -0.36 0.00	16.06 -0.44 0.00	16.62 -0.65 0.00	17.20 -0.71 0.00	19.12 -0.91 0.00	24.80 -1.09 0.00	24.03 -0.74 0.00	22.63 -0.66 0.00	26.84 -0.72 0.00	27.88 -0.60 0.00	26.82 -0.34 0.00	30.52 -0.03 0.00	33.10 0.10 0.00	30.59 0.03 0.00	30.63 0.16 0.00	30.75 0.31 0.00	32.69 0.73 0.00	32.67 0.70 0.00	30.56 0.48 0.00	27.79 0.41 0.00	29.29 0.46 0.00	24.71 0.61 0.00
CHAT_HIGH_FALL_HYD 323578	16.70 -0.41 0.00	16.84 -0.36 0.00	16.92 -0.26 0.00	16.15 -0.35 0.00	16.77 -0.49 0.00	17.36 -0.55 0.00	19.31 -0.72 0.00	25.04 -0.85 0.00	24.22 -0.55 0.00	22.80 -0.49 0.00	27.07 -0.49 0.00	28.06 -0.42 0.00	26.97 -0.19 0.00	30.65 0.09 0.00	33.21 0.22 0.00	30.68 0.12 0.00	30.71 0.24 0.00	30.75 0.30 0.00	32.65 0.70 0.00	32.61 0.64 0.00	30.53 0.45 0.00	27.80 0.42 0.00	29.31 0.48 0.00	24.72 0.62 0.00
CHAUTAUQUA___LFGE 323629	16.74 -0.37 0.00	16.76 -0.45 0.00	16.53 -0.65 0.00	15.97 -0.53 0.00	16.88 -0.38 0.00	17.44 -0.47 0.00	19.55 -0.49 0.00	25.89 0.01 0.00	24.45 -0.33 0.00	22.93 -0.37 0.00	27.10 -0.45 0.00	28.03 -0.45 0.00	26.63 -0.52 0.00	30.11 -0.45 0.00	32.13 -0.86 0.00	29.81 -0.74 0.00	29.62 -0.85 0.00	30.24 -0.20 0.00	31.72 -0.23 0.00	31.77 -0.20 0.00	30.21 0.13 0.00	27.37 -0.01 0.00	28.87 0.05 0.00	24.10 0.00 0.00
CHERRYST_13_KV_LD 356241	18.07 0.96 0.00	18.14 0.94 0.00	18.13 0.94 0.00	17.39 0.89 0.00	18.14 0.88 0.00	18.85 0.94 0.00	21.18 1.14 0.00	27.59 1.71 0.00	26.23 1.45 0.00	24.65 1.36 0.00	30.86 1.58 -1.73	30.23 1.71 -0.04	28.71 1.56 0.00	32.19 1.63 0.00	34.78 1.79 0.00	32.17 1.61 0.00	32.05 1.58 0.00	32.20 1.76 0.00	33.73 1.77 0.00	33.79 1.82 0.00	31.77 1.69 0.00	28.69 1.31 0.00	30.04 1.21 0.00	24.98 0.89 0.00

CHESTROR_138KV_BK263 355645	17.71 0.60 0.00	17.78 0.58 0.00	17.76 0.58 0.00	17.05 0.54 0.00	17.81 0.54 0.00	18.49 0.58 0.00	20.75 0.71 0.00	26.97 1.08 0.00	25.59 0.81 0.00	24.02 0.73 0.00	26.48 0.85 1.92	29.34 0.91 0.05	27.99 0.83 0.00	31.40 0.84 0.00	33.94 0.95 0.00	31.39 0.84 0.00	31.30 0.83 0.00	31.46 1.01 0.00	32.99 1.04 0.00	33.08 1.11 0.00	31.11 1.03 0.00	28.15 0.78 0.00	29.55 0.72 0.00	24.58 0.48 0.00
CH_MIDHUDSON___DRP 24192	18.10 0.99 0.00	18.17 0.97 0.00	18.14 0.96 0.00	17.41 0.91 0.00	18.19 0.93 0.00	18.91 1.00 0.00	21.25 1.22 0.00	27.67 1.79 0.00	26.35 1.57 0.00	24.69 1.40 0.00	29.18 1.62 0.00	30.19 1.71 0.00	28.71 1.55 0.00	32.22 1.66 0.00	34.83 1.83 0.00	32.22 1.67 0.00	32.11 1.64 0.00	32.29 1.84 0.00	33.90 1.95 0.00	34.01 2.04 0.00	31.97 1.89 0.00	28.88 1.50 0.00	30.23 1.40 0.00	25.12 1.02 0.00
CH_MISC_IPPS 23765	18.08 0.97 0.00	18.15 0.94 0.00	18.12 0.94 0.00	17.39 0.89 0.00	18.17 0.91 0.00	18.88 0.98 0.00	21.22 1.19 0.00	27.64 1.75 0.00	26.35 1.58 0.00	24.63 1.34 0.00	29.10 1.55 0.00	30.11 1.63 0.00	28.63 1.48 0.00	32.13 1.58 0.00	34.74 1.74 0.00	32.13 1.58 0.00	32.02 1.55 0.00	32.20 1.76 0.00	33.81 1.85 0.00	33.91 1.94 0.00	31.88 1.80 0.00	28.80 1.42 0.00	30.16 1.34 0.00	25.06 0.96 0.00
CH_RES_BVR_FALLS 23983	16.72 -0.39 0.00	16.83 -0.37 0.00	16.80 -0.38 0.00	16.18 -0.32 0.00	16.98 -0.28 0.00	17.58 -0.33 0.00	19.58 -0.45 0.00	25.23 -0.66 0.00	24.24 -0.54 0.00	22.78 -0.51 0.00	26.97 -0.59 0.00	27.91 -0.57 0.00	26.73 -0.42 0.00	30.25 -0.31 0.00	32.76 -0.23 0.00	30.37 -0.18 0.00	30.24 -0.23 0.00	30.09 -0.35 0.00	31.69 -0.26 0.00	31.68 -0.30 0.00	29.77 -0.30 0.00	27.14 -0.24 0.00	28.63 -0.20 0.00	24.03 -0.07 0.00
CH_RES_NIAGARA 23895	16.02 -1.10 0.00	16.06 -1.14 0.00	15.92 -1.26 0.00	15.32 -1.18 0.00	16.09 -1.17 0.00	16.68 -1.23 0.00	18.66 -1.37 0.00	24.27 -1.61 0.00	22.96 -1.82 0.00	21.76 -1.53 0.00	25.73 -1.82 0.00	26.53 -1.95 0.00	25.29 -1.87 0.00	28.48 -2.08 0.00	30.49 -2.50 0.00	28.35 -2.21 0.00	28.52 -1.95 0.00	28.80 -1.65 0.00	30.00 -1.95 0.00	29.88 -2.09 0.00	28.44 -1.64 0.00	25.89 -1.49 0.00	27.46 -1.37 0.00	23.28 -0.82 0.00
CH_RES_SYRACUSE 23985	16.93 -0.18 0.00	17.00 -0.20 0.00	16.95 -0.23 0.00	16.29 -0.21 0.00	17.07 -0.19 0.00	17.74 -0.17 0.00	19.86 -0.07 0.00	25.82 -0.07 0.00	24.58 -0.19 0.00	23.10 -0.19 0.00	27.33 -0.22 0.00	28.23 -0.25 0.00	26.90 -0.26 0.00	30.26 -0.30 0.00	32.60 -0.40 0.00	30.24 -0.32 0.00	30.25 -0.22 0.00	30.43 -0.01 0.00	31.90 -0.05 0.00	31.91 -0.06 0.00	30.05 -0.03 0.00	27.30 -0.08 0.00	28.73 -0.10 0.00	23.98 -0.12 0.00
CLINTON_WT_PWR 323605	16.63 -0.48 0.00	16.76 -0.43 0.00	16.82 -0.36 0.00	16.06 -0.44 0.00	16.62 -0.65 0.00	17.20 -0.71 0.00	19.12 -0.91 0.00	24.80 -1.09 0.00	24.03 -0.74 0.00	22.63 -0.66 0.00	26.84 -0.72 0.00	27.88 -0.60 0.00	26.82 -0.34 0.00	30.52 -0.03 0.00	33.10 0.10 0.00	30.59 0.03 0.00	30.63 0.16 0.00	30.75 0.31 0.00	32.69 0.73 0.00	32.67 0.70 0.00	30.56 0.48 0.00	27.79 0.41 0.00	29.29 0.46 0.00	24.71 0.61 0.00
CLINTON___LFGE 323618	16.84 -0.27 0.00	16.97 -0.23 0.00	17.00 -0.18 0.00	16.23 -0.27 0.00	16.69 -0.57 0.00	17.29 -0.62 0.00	19.23 -0.80 0.00	24.97 -0.92 0.00	24.17 -0.61 0.00	22.80 -0.49 0.00	27.00 -0.55 0.00	28.09 -0.39 0.00	26.99 -0.17 0.00	30.77 0.21 0.00	33.44 0.45 0.00	30.97 0.42 0.00	31.07 0.61 0.00	31.35 0.90 0.00	33.43 1.48 0.00	33.47 1.49 0.00	31.29 1.21 0.00	28.32 0.94 0.00	29.82 1.00 0.00	25.16 1.06 0.00
COBBLENY_34_KV_TB1 80064	16.70 -0.41 0.00	16.73 -0.47 0.00	16.59 -0.58 0.00	15.97 -0.53 0.00	16.80 -0.46 0.00	17.43 -0.48 0.00	19.49 -0.54 0.00	25.58 -0.30 0.00	24.23 -0.55 0.00	22.88 -0.41 0.00	27.05 -0.50 0.00	27.91 -0.57 0.00	26.52 -0.63 0.00	29.91 -0.65 0.00	32.01 -0.98 0.00	29.75 -0.80 0.00	29.79 -0.68 0.00	30.19 -0.25 0.00	31.50 -0.45 0.00	31.43 -0.54 0.00	29.90 -0.18 0.00	27.21 -0.16 0.00	28.79 -0.04 0.00	24.21 0.12 0.00
COFFEEN___115KV_TB3 355620	16.11 -1.00 0.00	16.17 -1.03 0.00	16.15 -1.03 0.00	15.55 -0.95 0.00	16.40 -0.86 0.00	17.15 -0.76 0.00	19.28 -0.75 0.00	25.13 -0.76 0.00	24.02 -0.76 0.00	22.39 -0.90 0.00	26.52 -1.04 0.00	27.41 -1.07 0.00	26.49 -0.66 0.00	30.18 -0.38 0.00	32.74 -0.25 0.00	30.25 -0.30 0.00	30.47 0.00 0.00	30.65 0.20 0.00	32.21 0.26 0.00	32.24 0.27 0.00	30.27 0.19 0.00	27.30 -0.08 0.00	28.45 -0.38 0.00	23.85 -0.24 0.00
COLDSPRG_115KV_BK1 355956	17.21 0.09 0.00	17.22 0.02 0.00	17.02 -0.15 0.00	16.46 -0.04 0.00	17.36 0.10 0.00	17.99 0.08 0.00	20.19 0.15 0.00	26.73 0.85 0.00	25.23 0.46 0.00	23.61 0.33 0.00	27.90 0.34 0.00	28.84 0.36 0.00	27.38 0.22 0.00	30.89 0.33 0.00	32.98 -0.02 0.00	30.62 0.07 0.00	30.44 -0.03 0.00	31.02 0.58 0.00	32.49 0.53 0.00	32.49 0.52 0.00	30.90 0.83 0.00	27.97 0.59 0.00	29.56 0.73 0.00	24.69 0.59 0.00
COLONIE_LFGE___ 323577	17.59 0.48 0.00	17.70 0.50 0.00	17.70 0.52 0.00	17.01 0.51 0.00	17.77 0.51 0.00	18.45 0.54 0.00	20.65 0.62 0.00	26.69 0.80 0.00	25.35 0.58 0.00	23.85 0.56 0.00	28.56 0.64 -0.36	29.15 0.66 -0.01	27.77 0.61 0.00	31.17 0.60 0.00	33.67 0.68 0.00	31.18 0.63 0.00	31.02 0.56 0.00	31.08 0.64 0.00	32.76 0.81 0.00	32.90 0.93 0.00	30.84 0.76 0.00	27.90 0.52 0.00	29.23 0.40 0.00	24.36 0.26 0.00
COOPERNY_115KV_TB1 80082	17.51 0.40 0.00	17.59 0.39 0.00	17.57 0.39 0.00	16.86 0.36 0.00	17.63 0.36 0.00	18.30 0.39 0.00	20.52 0.49 0.00	26.65 0.77 0.00	25.34 0.56 0.00	23.79 0.50 0.00	27.17 0.58 0.97	29.09 0.63 0.02	27.75 0.59 0.00	31.16 0.60 0.00	33.66 0.66 0.00	31.14 0.59 0.00	31.05 0.58 0.00	31.18 0.74 0.00	32.70 0.75 0.00	32.76 0.79 0.00	30.82 0.75 0.00	27.93 0.55 0.00	29.34 0.52 0.00	24.43 0.33 0.00
COPENHAGEN_WT_PWR 323753	15.90 -1.21 0.00	15.96 -1.24 0.00	15.95 -1.23 0.00	15.36 -1.14 0.00	16.19 -1.07 0.00	16.93 -0.98 0.00	18.99 -1.04 0.00	24.74 -1.15 0.00	23.64 -1.13 0.00	22.02 -1.27 0.00	26.08 -1.47 0.00	27.00 -1.48 0.00	26.18 -0.98 0.00	29.87 -0.69 0.00	32.48 -0.51 0.00	30.08 -0.48 0.00	30.21 -0.26 0.00	30.35 -0.09 0.00	31.93 -0.02 0.00	31.96 -0.02 0.00	29.96 -0.11 0.00	27.01 -0.37 0.00	28.17 -0.66 0.00	23.68 -0.42 0.00
CORNELL_____ 23752	17.22 0.11 0.00	17.29 0.09 0.00	17.24 0.06 0.00	16.56 0.06 0.00	17.37 0.11 0.00	18.06 0.15 0.00	20.25 0.21 0.00	26.43 0.54 0.00	25.10 0.33 0.00	23.58 0.29 0.00	27.79 0.24 0.00	28.70 0.22 0.00	27.43 0.27 0.00	30.87 0.31 0.00	33.22 0.23 0.00	30.85 0.30 0.00	30.87 0.40 0.00	31.17 0.73 0.00	32.66 0.71 0.00	32.69 0.72 0.00	30.81 0.73 0.00	27.99 0.61 0.00	29.45 0.62 0.00	24.49 0.40 0.00

CORONA V_69_KV_TB1 355595	18.09 0.98 0.00	18.17 0.97 0.00	18.12 0.94 0.00	17.31 0.81 0.00	18.03 0.77 0.00	18.70 0.79 0.00	21.02 0.98 0.00	27.34 1.45 0.00	25.91 1.14 0.00	24.35 1.06 0.00	30.70 1.43 -1.71	30.15 1.60 -0.06	28.62 1.45 -0.02	31.92 1.36 0.00	34.83 1.83 0.00	32.25 1.70 0.00	31.95 1.48 0.00	32.05 1.61 0.00	33.58 1.63 0.00	33.66 1.69 0.00	31.62 1.54 0.00	28.66 1.27 0.00	29.95 1.12 0.00	24.91 0.81 0.00
CORTLAND_115KV_TB3 80093	17.29 0.18 0.00	17.34 0.14 0.00	17.29 0.11 0.00	16.64 0.14 0.00	17.46 0.19 0.00	18.16 0.25 0.00	20.42 0.39 0.00	26.58 0.69 0.00	25.36 0.58 0.00	23.82 0.53 0.00	28.16 0.61 0.00	29.08 0.60 0.00	27.70 0.54 0.00	31.21 0.65 0.00	33.60 0.60 0.00	31.17 0.62 0.00	31.21 0.74 0.00	31.42 0.97 0.00	32.94 0.99 0.00	32.94 0.97 0.00	31.03 0.95 0.00	28.16 0.78 0.00	29.54 0.71 0.00	24.60 0.50 0.00
COXSACKIE__GT 23611	18.03 0.92 0.00	18.13 0.93 0.00	18.11 0.93 0.00	17.42 0.92 0.00	18.22 0.96 0.00	18.93 1.03 0.00	21.26 1.23 0.00	27.65 1.76 0.00	26.40 1.62 0.00	24.80 1.51 0.00	29.10 1.55 0.00	30.12 1.64 0.00	28.64 1.49 0.00	32.18 1.62 0.00	34.84 1.85 0.00	32.29 1.74 0.00	32.18 1.71 0.00	32.34 1.90 0.00	34.14 2.18 0.00	34.30 2.33 0.00	32.13 2.05 0.00	29.01 1.63 0.00	30.28 1.46 0.00	25.18 1.08 0.00
CPV_VALLEY__CC1 323721	17.58 0.47 0.00	17.65 0.45 0.00	17.64 0.46 0.00	16.92 0.42 0.00	17.68 0.42 0.00	18.36 0.45 0.00	20.59 0.55 0.00	26.74 0.85 0.00	25.39 0.62 0.00	23.84 0.55 0.00	26.91 0.63 1.28	29.14 0.69 0.03	27.77 0.62 0.00	31.17 0.61 0.00	33.69 0.70 0.00	31.17 0.61 0.00	31.07 0.60 0.00	31.21 0.77 0.00	32.73 0.78 0.00	32.82 0.85 0.00	30.87 0.79 0.00	27.94 0.56 0.00	29.33 0.51 0.00	24.42 0.32 0.00
CPV_VALLEY__CC2 323722	17.58 0.47 0.00	17.65 0.45 0.00	17.64 0.46 0.00	16.92 0.42 0.00	17.68 0.42 0.00	18.36 0.45 0.00	20.59 0.55 0.00	26.74 0.85 0.00	25.39 0.62 0.00	23.84 0.55 0.00	26.91 0.63 1.28	29.14 0.69 0.03	27.77 0.62 0.00	31.17 0.61 0.00	33.69 0.70 0.00	31.17 0.61 0.00	31.07 0.60 0.00	31.21 0.77 0.00	32.73 0.78 0.00	32.82 0.85 0.00	30.87 0.79 0.00	27.94 0.56 0.00	29.33 0.51 0.00	24.42 0.32 0.00
CRESCENT__HYD 24018	17.59 0.48 0.00	17.70 0.50 0.00	17.70 0.52 0.00	17.01 0.51 0.00	17.77 0.51 0.00	18.45 0.54 0.00	20.65 0.62 0.00	26.69 0.80 0.00	25.35 0.58 0.00	23.85 0.56 0.00	28.56 0.64 -0.36	29.15 0.66 -0.01	27.77 0.61 0.00	31.17 0.60 0.00	33.67 0.68 0.00	31.18 0.63 0.00	31.02 0.56 0.00	31.08 0.64 0.00	32.76 0.81 0.00	32.90 0.93 0.00	30.84 0.76 0.00	27.90 0.52 0.00	29.23 0.40 0.00	24.36 0.26 0.00
CRICKET__VALLEY_CC1 323756	17.68 0.57 0.00	17.79 0.59 0.00	17.78 0.60 0.00	17.08 0.58 0.00	17.82 0.56 0.00	18.49 0.58 0.00	20.73 0.70 0.00	26.90 1.01 0.00	25.48 0.71 0.00	23.95 0.66 0.00	29.14 0.77 -0.81	29.35 0.85 -0.02	27.89 0.73 0.00	31.29 0.73 0.00	33.83 0.84 0.00	31.30 0.75 0.00	31.17 0.70 0.00	31.33 0.88 0.00	32.91 0.96 0.00	33.07 1.10 0.00	31.08 1.00 0.00	28.02 0.64 0.00	29.31 0.48 0.00	24.38 0.28 0.00
CRICKET__VALLEY_CC2 323757	17.68 0.57 0.00	17.79 0.59 0.00	17.78 0.60 0.00	17.08 0.58 0.00	17.82 0.56 0.00	18.49 0.58 0.00	20.73 0.70 0.00	26.90 1.01 0.00	25.48 0.71 0.00	23.95 0.66 0.00	29.14 0.77 -0.81	29.35 0.85 -0.02	27.89 0.73 0.00	31.29 0.73 0.00	33.83 0.84 0.00	31.30 0.75 0.00	31.17 0.70 0.00	31.33 0.88 0.00	32.91 0.96 0.00	33.07 1.10 0.00	31.08 1.00 0.00	28.02 0.64 0.00	29.31 0.48 0.00	24.38 0.28 0.00
CRICKET__VALLEY_CC3 323758	17.68 0.57 0.00	17.79 0.59 0.00	17.78 0.60 0.00	17.08 0.58 0.00	17.82 0.56 0.00	18.49 0.58 0.00	20.73 0.70 0.00	26.90 1.01 0.00	25.48 0.71 0.00	23.95 0.66 0.00	29.14 0.77 -0.81	29.35 0.85 -0.02	27.89 0.73 0.00	31.29 0.73 0.00	33.83 0.84 0.00	31.30 0.75 0.00	31.17 0.70 0.00	31.33 0.88 0.00	32.91 0.96 0.00	33.07 1.10 0.00	31.08 1.00 0.00	28.02 0.64 0.00	29.31 0.48 0.00	24.38 0.28 0.00
CRUCIBLE_METL_DRP 24180	16.93 -0.18 0.00	17.00 -0.20 0.00	16.95 -0.23 0.00	16.29 -0.21 0.00	17.07 -0.19 0.00	17.74 -0.17 0.00	19.86 -0.17 0.00	25.82 -0.07 0.00	24.58 -0.20 0.00	23.10 -0.19 0.00	27.33 -0.22 0.00	28.24 -0.24 0.00	26.90 -0.26 0.00	30.26 -0.30 0.00	32.59 -0.40 0.00	30.24 -0.32 0.00	30.25 -0.21 0.00	30.43 -0.01 0.00	31.90 -0.05 0.00	31.91 -0.06 0.00	30.05 -0.03 0.00	27.30 -0.08 0.00	28.73 -0.10 0.00	23.98 -0.12 0.00
DAHOWA__HYDRO 323763	17.62 0.51 0.00	17.73 0.53 0.00	17.73 0.55 0.00	17.05 0.54 0.00	17.82 0.56 0.00	18.54 0.63 0.00	20.82 0.78 0.00	26.92 1.03 0.00	25.63 0.86 0.00	24.13 0.84 0.00	28.85 0.96 -0.34	29.52 1.03 -0.01	27.96 0.80 0.00	31.41 0.85 0.00	33.95 0.95 0.00	31.44 0.88 0.00	31.28 0.81 0.00	31.43 0.98 0.00	33.15 1.20 0.00	33.33 1.36 0.00	31.24 1.16 0.00	28.18 0.80 0.00	29.45 0.62 0.00	24.50 0.40 0.00
DANC__LFGE 323619	16.19 -0.92 0.00	16.25 -0.95 0.00	16.21 -0.97 0.00	15.60 -0.90 0.00	16.41 -0.85 0.00	17.11 -0.80 0.00	19.19 -0.84 0.00	24.97 -0.91 0.00	23.84 -0.93 0.00	22.29 -1.00 0.00	26.43 -1.12 0.00	27.31 -1.18 0.00	26.31 -0.84 0.00	29.86 -0.70 0.00	32.33 -0.66 0.00	29.96 -0.59 0.00	30.03 -0.44 0.00	30.16 -0.28 0.00	31.69 -0.26 0.00	31.70 -0.27 0.00	29.79 -0.28 0.00	26.95 -0.43 0.00	28.18 -0.65 0.00	23.63 -0.47 0.00
DANSKAMMER__1 23586	18.08 0.97 0.00	18.15 0.94 0.00	18.12 0.94 0.00	17.39 0.89 0.00	18.17 0.91 0.00	18.88 0.98 0.00	21.22 1.19 0.00	27.64 1.75 0.00	26.35 1.58 0.00	24.63 1.34 0.00	29.10 1.55 0.00	30.11 1.63 0.00	28.63 1.48 0.00	32.13 1.58 0.00	34.74 1.74 0.00	32.13 1.58 0.00	32.02 1.55 0.00	32.20 1.76 0.00	33.81 1.85 0.00	33.91 1.94 0.00	31.88 1.80 0.00	28.80 1.42 0.00	30.16 1.34 0.00	25.06 0.96 0.00
DANSKAMMER__2 23589	18.08 0.97 0.00	18.15 0.94 0.00	18.12 0.94 0.00	17.39 0.89 0.00	18.17 0.91 0.00	18.88 0.98 0.00	21.22 1.19 0.00	27.64 1.75 0.00	26.35 1.58 0.00	24.63 1.34 0.00	29.10 1.55 0.00	30.11 1.63 0.00	28.63 1.48 0.00	32.13 1.58 0.00	34.74 1.74 0.00	32.13 1.58 0.00	32.02 1.55 0.00	32.20 1.76 0.00	33.81 1.85 0.00	33.91 1.94 0.00	31.88 1.80 0.00	28.80 1.42 0.00	30.16 1.34 0.00	25.06 0.96 0.00
DANSKAMMER__3 23590	18.08 0.97 0.00	18.15 0.94 0.00	18.12 0.94 0.00	17.39 0.89 0.00	18.17 0.91 0.00	18.88 0.98 0.00	21.22 1.19 0.00	27.64 1.75 0.00	26.35 1.58 0.00	24.63 1.34 0.00	29.10 1.55 0.00	30.11 1.63 0.00	28.63 1.48 0.00	32.13 1.58 0.00	34.74 1.74 0.00	32.13 1.58 0.00	32.02 1.55 0.00	32.20 1.76 0.00	33.81 1.85 0.00	33.91 1.94 0.00	31.88 1.80 0.00	28.80 1.42 0.00	30.16 1.34 0.00	25.06 0.96 0.00

DANSKAMMER___4 23591	18.08 0.97 0.00	18.15 0.94 0.00	18.12 0.94 0.00	17.39 0.89 0.00	18.17 0.91 0.00	18.88 0.98 0.00	21.22 1.19 0.00	27.64 1.75 0.00	26.35 1.58 0.00	24.63 1.34 0.00	29.10 1.55 0.00	30.11 1.63 0.00	28.63 1.48 0.00	32.13 1.58 0.00	34.74 1.74 0.00	32.13 1.58 0.00	32.02 1.55 0.00	32.20 1.76 0.00	33.81 1.85 0.00	33.91 1.94 0.00	31.88 1.80 0.00	28.80 1.42 0.00	30.16 1.34 0.00	25.06 0.96 0.00
DANSKAMMER___DIESEL 23592	18.08 0.97 0.00	18.15 0.95 0.00	18.13 0.95 0.00	17.39 0.89 0.00	18.17 0.91 0.00	18.89 0.98 0.00	21.23 1.19 0.00	27.64 1.75 0.00	26.35 1.58 0.00	24.64 1.34 0.00	29.10 1.55 0.00	30.11 1.63 0.00	28.63 1.48 0.00	32.14 1.58 0.00	34.74 1.75 0.00	32.13 1.58 0.00	32.02 1.56 0.00	32.20 1.76 0.00	33.81 1.85 0.00	33.91 1.94 0.00	31.88 1.80 0.00	28.80 1.42 0.00	30.16 1.34 0.00	25.06 0.97 0.00
DARBY___SOLAR 323810	17.64 0.53 0.00	17.75 0.55 0.00	17.74 0.57 0.00	17.06 0.56 0.00	17.84 0.58 0.00	18.54 0.63 0.00	20.81 0.78 0.00	26.91 1.02 0.00	25.62 0.84 0.00	24.12 0.82 0.00	28.84 0.95 -0.34	29.49 1.00 -0.01	27.96 0.80 0.00	31.41 0.85 0.00	33.94 0.95 0.00	31.43 0.88 0.00	31.28 0.81 0.00	31.41 0.97 0.00	33.12 1.17 0.00	33.30 1.33 0.00	31.21 1.13 0.00	28.17 0.78 0.00	29.45 0.63 0.00	24.52 0.42 0.00
DASHVILLE___HYD 23610	17.95 0.84 0.00	18.03 0.83 0.00	18.01 0.83 0.00	17.29 0.78 0.00	18.05 0.79 0.00	18.75 0.84 0.00	21.06 1.02 0.00	27.41 1.53 0.00	26.05 1.27 0.00	24.46 1.17 0.00	28.93 1.38 0.00	29.99 1.51 0.00	28.59 1.44 0.00	32.09 1.53 0.00	34.68 1.69 0.00	32.07 1.52 0.00	31.95 1.48 0.00	32.10 1.66 0.00	33.67 1.72 0.00	33.75 1.78 0.00	31.74 1.66 0.00	28.68 1.30 0.00	30.04 1.22 0.00	24.97 0.87 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	18.34 1.22 0.00	18.42 1.22 0.00	18.40 1.22 0.00	17.54 1.04 0.00	18.22 0.96 0.00	18.86 0.95 0.00	21.44 1.40 0.00	27.92 2.04 0.00	26.26 1.48 0.00	24.68 1.39 0.00	31.17 1.90 -1.71	30.57 2.05 -0.04	29.05 1.90 0.00	32.38 1.82 0.00	35.38 2.39 0.00	32.78 2.23 0.00	32.50 2.03 0.00	32.57 2.13 0.00	34.14 2.18 0.00	34.28 2.31 0.00	32.19 2.11 0.00	29.05 1.67 0.00	30.25 1.43 0.00	25.05 0.95 0.00
DELAWARE___LFGE 323621	17.37 0.26 0.00	17.45 0.24 0.00	17.42 0.24 0.00	16.72 0.22 0.00	17.51 0.25 0.00	18.20 0.29 0.00	20.42 0.38 0.00	26.56 0.68 0.00	25.29 0.52 0.00	23.77 0.47 0.00	27.76 0.55 0.35	29.03 0.56 0.01	27.67 0.52 0.00	31.14 0.58 0.00	33.59 0.60 0.00	31.12 0.56 0.00	31.03 0.56 0.00	31.23 0.79 0.00	32.72 0.77 0.00	32.73 0.75 0.00	30.84 0.76 0.00	28.01 0.63 0.00	29.45 0.63 0.00	24.53 0.43 0.00
DERFIELD_115KV_TB7 355931	17.14 0.03 0.00	17.24 0.03 0.00	17.21 0.03 0.00	16.54 0.04 0.00	17.30 0.04 0.00	17.96 0.05 0.00	20.12 0.08 0.00	26.04 0.15 0.00	24.86 0.09 0.00	23.38 0.09 0.00	27.63 0.07 0.00	28.58 0.10 0.00	27.24 0.08 0.00	30.65 0.09 0.00	33.10 0.11 0.00	30.65 0.10 0.00	30.53 0.06 0.00	30.56 0.12 0.00	32.08 0.13 0.00	32.11 0.14 0.00	30.20 0.12 0.00	27.44 0.06 0.00	28.85 0.03 0.00	24.08 -0.02 0.00
DOGLEVILLE___HYD 23807	16.86 -0.25 0.00	16.97 -0.23 0.00	16.93 -0.25 0.00	16.27 -0.23 0.00	17.03 -0.23 0.00	17.75 -0.16 0.00	19.97 -0.06 0.00	25.93 0.04 0.00	24.60 -0.17 0.00	23.10 -0.19 0.00	27.29 -0.26 0.00	28.18 -0.30 0.00	26.80 -0.35 0.00	30.18 -0.38 0.00	32.57 -0.42 0.00	30.09 -0.46 0.00	30.04 -0.43 0.00	30.40 -0.04 0.00	31.93 -0.02 0.00	32.01 0.03 0.00	30.17 0.09 0.00	27.31 -0.07 0.00	28.54 -0.29 0.00	23.65 -0.44 0.00
DUNKIRK___115KV_TB_200 55889	16.73 -0.38 0.00	16.75 -0.45 0.00	16.53 -0.65 0.00	15.97 -0.53 0.00	16.87 -0.40 0.00	17.44 -0.47 0.00	19.54 -0.49 0.00	25.86 -0.02 0.00	24.42 -0.36 0.00	22.91 -0.38 0.00	27.09 -0.47 0.00	28.01 -0.47 0.00	26.60 -0.56 0.00	30.08 -0.48 0.00	32.11 -0.89 0.00	29.79 -0.76 0.00	29.60 -0.86 0.00	30.22 -0.22 0.00	31.66 -0.29 0.00	31.70 -0.27 0.00	30.14 0.06 0.00	27.33 -0.05 0.00	28.86 0.03 0.00	24.10 0.00 0.00
DUNKIRK___1 23563	16.73 -0.38 0.00	16.75 -0.45 0.00	16.53 -0.65 0.00	15.97 -0.53 0.00	16.87 -0.40 0.00	17.44 -0.47 0.00	19.54 -0.49 0.00	25.86 -0.02 0.00	24.42 -0.36 0.00	22.91 -0.38 0.00	27.09 -0.47 0.00	28.01 -0.47 0.00	26.60 -0.56 0.00	30.08 -0.48 0.00	32.11 -0.89 0.00	29.79 -0.76 0.00	29.60 -0.86 0.00	30.22 -0.22 0.00	31.66 -0.29 0.00	31.70 -0.27 0.00	30.14 0.06 0.00	27.33 -0.05 0.00	28.86 0.03 0.00	24.10 0.00 0.00
DUNKIRK___2 23564	16.73 -0.38 0.00	16.75 -0.45 0.00	16.53 -0.65 0.00	15.97 -0.53 0.00	16.87 -0.40 0.00	17.44 -0.47 0.00	19.54 -0.49 0.00	25.86 -0.02 0.00	24.42 -0.36 0.00	22.91 -0.38 0.00	27.09 -0.47 0.00	28.01 -0.47 0.00	26.60 -0.56 0.00	30.08 -0.48 0.00	32.11 -0.89 0.00	29.79 -0.76 0.00	29.60 -0.86 0.00	30.22 -0.22 0.00	31.66 -0.29 0.00	31.70 -0.27 0.00	30.14 0.06 0.00	27.33 -0.05 0.00	28.86 0.03 0.00	24.10 0.00 0.00
DUNKIRK___3 23565	16.69 -0.43 0.00	16.71 -0.49 0.00	16.53 -0.65 0.00	15.94 -0.56 0.00	16.81 -0.45 0.00	17.40 -0.51 0.00	19.47 -0.56 0.00	25.71 -0.18 0.00	24.27 -0.51 0.00	22.81 -0.47 0.00	26.97 -0.59 0.00	27.87 -0.61 0.00	26.47 -0.69 0.00	29.90 -0.66 0.00	31.96 -1.04 0.00	29.67 -0.89 0.00	29.54 -0.93 0.00	30.09 -0.35 0.00	31.47 -0.48 0.00	31.48 -0.50 0.00	29.93 -0.15 0.00	27.18 -0.20 0.00	28.74 -0.09 0.00	24.05 -0.05 0.00
DUNKIRK___4 23566	16.69 -0.43 0.00	16.71 -0.49 0.00	16.53 -0.65 0.00	15.94 -0.56 0.00	16.81 -0.45 0.00	17.40 -0.51 0.00	19.47 -0.56 0.00	25.71 -0.18 0.00	24.27 -0.51 0.00	22.81 -0.47 0.00	26.97 -0.59 0.00	27.87 -0.61 0.00	26.47 -0.69 0.00	29.90 -0.66 0.00	31.96 -1.04 0.00	29.67 -0.89 0.00	29.54 -0.93 0.00	30.09 -0.35 0.00	31.47 -0.48 0.00	31.48 -0.50 0.00	29.93 -0.15 0.00	27.18 -0.20 0.00	28.74 -0.09 0.00	24.05 -0.05 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	17.95 0.83 0.00	18.00 0.80 0.00	17.98 0.80 0.00	17.25 0.75 0.00	18.00 0.74 0.00	18.69 0.78 0.00	20.99 0.95 0.00	27.33 1.44 0.00	25.95 1.18 0.00	24.39 1.09 0.00	30.58 1.30 -1.73	29.92 1.40 -0.04	28.43 1.27 0.00	31.87 1.31 0.00	34.46 1.47 0.00	31.89 1.33 0.00	31.75 1.28 0.00	31.90 1.46 0.00	33.45 1.50 0.00	33.53 1.56 0.00	31.53 1.45 0.00	28.48 1.10 0.00	29.84 1.02 0.00	24.82 0.72 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	17.86 0.75 0.00	17.93 0.73 0.00	17.91 0.73 0.00	17.19 0.69 0.00	17.96 0.70 0.00	18.66 0.74 0.00	20.95 0.91 0.00	27.25 1.37 0.00	25.82 1.04 0.00	24.30 1.00 0.00	28.00 1.18 0.74	29.71 1.24 0.02	28.27 1.12 0.00	31.73 1.17 0.00	34.29 1.30 0.00	31.72 1.17 0.00	31.62 1.16 0.00	31.79 1.35 0.00	33.36 1.41 0.00	33.46 1.49 0.00	31.46 1.38 0.00	28.44 1.06 0.00	29.83 1.00 0.00	24.80 0.70 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	18.02 0.90 0.00	18.12 0.92 0.00	18.12 0.94 0.00	17.39 0.88 0.00	18.14 0.88 0.00	18.84 0.93 0.00	21.14 1.10 -0.01	27.44 1.55 0.00	26.09 1.31 0.00	24.49 1.20 0.00	30.64 1.36 -1.72	30.04 1.52 -0.04	28.51 1.36 0.00	31.98 1.42 0.00	34.56 1.57 0.00	31.94 1.39 0.00	31.84 1.37 0.00	31.99 1.55 0.00	33.48 1.52 0.00	33.58 1.60 0.00	31.61 1.53 0.00	28.55 1.17 0.00	29.89 1.06 0.00	24.85 0.75 0.00
E179THST_13_KV_LOAD 356214	18.08 0.97 0.00	18.18 0.98 0.00	18.17 1.00 0.00	17.44 0.93 0.00	18.19 0.93 0.00	18.89 0.99 0.00	21.22 1.18 -0.01	27.55 1.67 0.00	26.20 1.43 0.00	24.60 1.31 0.00	30.77 1.49 -1.72	30.17 1.64 -0.04	28.64 1.48 0.00	32.13 1.57 0.00	34.71 1.72 0.00	32.08 1.53 0.00	31.98 1.51 0.00	32.14 1.69 0.00	33.63 1.68 0.00	33.73 1.76 0.00	31.75 1.67 0.00	28.67 1.29 0.00	30.02 1.20 0.00	24.95 0.85 0.00
EAST HAMPTON___GT 23717	18.40 1.29 0.00	18.49 1.29 0.00	18.46 1.28 0.00	17.60 1.10 0.00	18.29 1.03 0.00	18.94 1.03 0.00	21.52 1.49 0.00	28.05 2.16 0.00	26.38 1.61 0.00	24.80 1.51 0.00	31.32 2.05 -1.71	30.71 2.19 -0.04	29.18 2.02 0.00	32.55 1.99 0.00	35.57 2.58 0.00	32.96 2.40 0.00	32.67 2.20 0.00	32.74 2.30 0.00	34.32 2.37 0.00	34.47 2.50 0.00	32.36 2.28 0.00	29.21 1.83 0.00	30.40 1.58 0.00	25.17 1.07 0.00
EAST RIVER___6 23660	18.07 0.95 0.00	18.13 0.93 0.00	18.12 0.93 0.00	17.38 0.88 0.00	18.14 0.87 0.00	18.85 0.94 0.00	21.17 1.14 0.00	27.59 1.71 0.00	26.23 1.45 0.00	24.65 1.36 0.00	30.87 1.59 -1.73	30.26 1.74 -0.04	28.73 1.57 0.00	32.21 1.65 0.00	34.79 1.80 0.00	32.19 1.64 0.00	32.07 1.60 0.00	32.22 1.78 0.00	33.75 1.80 0.00	33.81 1.84 0.00	31.80 1.72 0.00	28.70 1.32 0.00	30.05 1.22 0.00	24.98 0.89 0.00
EAST RIVER___7 23524	18.07 0.95 0.00	18.13 0.93 0.00	18.12 0.93 0.00	17.38 0.88 0.00	18.14 0.87 0.00	18.85 0.94 0.00	21.17 1.14 0.00	27.59 1.71 0.00	26.23 1.45 0.00	24.65 1.36 0.00	30.87 1.59 -1.73	30.26 1.74 -0.04	28.73 1.57 0.00	32.21 1.65 0.00	34.79 1.80 0.00	32.19 1.64 0.00	32.07 1.60 0.00	32.22 1.78 0.00	33.75 1.80 0.00	33.81 1.84 0.00	31.80 1.72 0.00	28.70 1.32 0.00	30.05 1.22 0.00	24.98 0.89 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	17.91 0.80 0.00	17.98 0.78 0.00	17.97 0.79 0.00	17.24 0.73 0.00	17.99 0.73 0.00	18.68 0.77 0.00	20.97 0.94 0.00	27.28 1.40 0.00	25.90 1.13 0.00	24.33 1.04 0.00	30.63 1.23 -1.84	29.85 1.33 -0.05	28.36 1.21 0.00	31.80 1.24 0.00	34.39 1.39 0.00	31.81 1.26 0.00	31.69 1.22 0.00	31.84 1.39 0.00	33.38 1.43 0.00	33.47 1.49 0.00	31.47 1.39 0.00	28.43 1.05 0.00	29.79 0.97 0.00	24.77 0.67 0.00
EAST_HAMPTON___DIESEL 23722	18.40 1.29 0.00	18.49 1.29 0.00	18.46 1.28 0.00	17.60 1.10 0.00	18.29 1.03 0.00	18.94 1.03 0.00	21.53 1.50 0.00	28.05 2.16 0.00	26.39 1.61 0.00	24.81 1.52 0.00	31.33 2.06 -1.71	30.72 2.20 -0.04	29.19 2.03 0.00	32.56 2.00 0.00	35.58 2.58 0.00	32.96 2.41 0.00	32.67 2.20 0.00	32.75 2.30 0.00	34.33 2.38 0.00	34.48 2.50 0.00	32.38 2.30 0.00	29.21 1.83 0.00	30.41 1.58 0.00	25.17 1.07 0.00
EAST_POINT___SOLAR 323840	17.92 0.81 0.00	17.98 0.78 0.00	17.92 0.74 0.00	17.23 0.73 0.00	18.07 0.81 0.00	18.79 0.88 0.00	21.12 1.08 0.00	27.46 1.58 0.00	26.31 1.54 0.00	24.68 1.39 0.00	29.18 1.62 0.00	30.09 1.61 0.00	28.75 1.60 0.00	32.43 1.87 0.00	35.01 2.02 0.00	32.38 1.83 0.00	32.33 1.86 0.00	32.54 2.10 0.00	34.13 2.18 0.00	34.03 2.06 0.00	32.16 2.08 0.00	29.26 1.88 0.00	30.81 1.98 0.00	25.74 1.64 0.00
EAST_PULASKI___ESR 323781	16.51 -0.61 0.00	16.57 -0.63 0.00	16.51 -0.67 0.00	15.88 -0.62 0.00	16.67 -0.59 0.00	17.34 -0.57 0.00	19.43 -0.60 0.00	25.25 -0.63 0.00	24.09 -0.69 0.00	22.60 -0.69 0.00	26.80 -0.75 0.00	27.65 -0.82 0.00	26.47 -0.69 0.00	29.89 -0.67 0.00	32.25 -0.75 0.00	29.89 -0.66 0.00	29.92 -0.54 0.00	30.06 -0.38 0.00	31.54 -0.41 0.00	31.56 -0.41 0.00	29.70 -0.38 0.00	26.95 -0.43 0.00	28.27 -0.56 0.00	23.63 -0.46 0.00
EAST_RIVER___1 323558	18.02 0.91 0.00	18.09 0.89 0.00	18.07 0.89 0.00	17.34 0.84 0.00	18.09 0.83 0.00	18.80 0.89 0.00	21.11 1.08 0.00	27.50 1.62 0.00	26.14 1.36 0.00	24.56 1.27 0.00	30.76 1.48 -1.73	30.13 1.61 -0.04	28.62 1.46 0.00	32.08 1.53 0.00	34.66 1.66 0.00	32.06 1.50 0.00	31.94 1.48 0.00	32.09 1.65 0.00	33.62 1.67 0.00	33.68 1.71 0.00	31.68 1.60 0.00	28.61 1.23 0.00	29.95 1.13 0.00	24.92 0.82 0.00
EAST_RIVER___2 323559	18.07 0.95 0.00	18.13 0.93 0.00	18.12 0.93 0.00	17.38 0.88 0.00	18.14 0.87 0.00	18.85 0.94 0.00	21.17 1.14 0.00	27.59 1.71 0.00	26.23 1.45 0.00	24.65 1.36 0.00	30.87 1.59 -1.73	30.26 1.74 -0.04	28.73 1.57 0.00	32.21 1.65 0.00	34.79 1.80 0.00	32.19 1.64 0.00	32.07 1.60 0.00	32.22 1.78 0.00	33.75 1.80 0.00	33.81 1.84 0.00	31.80 1.72 0.00	28.70 1.32 0.00	30.05 1.22 0.00	24.98 0.89 0.00
EAST___DELAWARE_HYD 23607	17.89 0.78 0.00	17.96 0.76 0.00	17.93 0.75 0.00	17.21 0.71 0.00	18.00 0.74 0.00	18.72 0.81 0.00	21.06 1.02 0.00	27.73 1.85 0.00	26.45 1.67 0.00	24.86 1.57 0.00	28.80 1.85 0.60	30.57 2.10 0.01	29.31 2.16 0.00	32.97 2.41 0.00	35.55 2.55 0.00	32.64 2.09 0.00	32.46 1.99 0.00	32.32 1.88 0.00	33.88 1.93 0.00	33.29 1.31 0.00	31.29 1.21 0.00	28.27 0.89 0.00	29.61 0.78 0.00	24.60 0.50 0.00
EIGHT_POINT___WT_PWR 323820	16.35 -0.76 0.00	16.30 -0.90 0.00	16.29 -0.88 0.00	15.79 -0.71 0.00	16.66 -0.60 0.00	17.30 -0.61 0.00	19.57 -0.46 0.00	25.98 0.09 0.00	24.55 -0.23 0.00	23.16 -0.14 0.00	27.18 -0.38 0.00	27.83 -0.65 0.00	26.27 -0.89 0.00	29.78 -0.78 0.00	32.04 -0.96 0.00	29.76 -0.80 0.00	29.59 -0.88 0.00	30.18 -0.26 0.00	31.72 -0.23 0.00	31.74 -0.23 0.00	30.33 0.25 0.00	27.76 0.38 0.00	29.24 0.42 0.00	24.05 -0.05 0.00
ELBRIDGE_115KV_TB2 80188	16.87 -0.24 0.00	16.94 -0.26 0.00	16.89 -0.29 0.00	16.22 -0.28 0.00	17.00 -0.26 0.00	17.65 -0.25 0.00	19.74 -0.29 0.00	25.66 -0.23 0.00	24.43 -0.35 0.00	22.96 -0.33 0.00	27.15 -0.40 0.00	28.04 -0.43 0.00	26.72 -0.44 0.00	30.06 -0.50 0.00	32.36 -0.63 0.00	30.03 -0.52 0.00	30.05 -0.42 0.00	30.24 -0.20 0.00	31.69 -0.26 0.00	31.70 -0.27 0.00	29.88 -0.20 0.00	27.15 -0.23 0.00	28.61 -0.22 0.00	23.88 -0.22 0.00
ELEC_TRO_TEK 24086	17.98 0.87 0.00	18.05 0.85 0.00	18.00 0.82 0.00	17.20 0.70 0.00	17.91 0.65 0.00	18.57 0.66 0.00	20.89 0.85 0.00	27.19 1.30 0.00	25.76 0.98 0.00	24.22 0.93 0.00	30.58 1.31 -1.71	29.98 1.45 -0.05	28.48 1.31 -0.01	31.79 1.23 0.00	34.66 1.66 0.00	32.07 1.52 0.00	31.78 1.31 0.00	31.88 1.43 0.00	33.40 1.44 0.00	33.50 1.53 0.00	31.50 1.42 0.00	28.47 1.09 0.00	29.76 0.93 0.00	24.75 0.65 0.00

ELLENBURG_WT_PWR 323604	16.63 -0.48 0.00	16.76 -0.43 0.00	16.82 -0.36 0.00	16.06 -0.44 0.00	16.62 -0.65 0.00	17.20 -0.71 0.00	19.12 -0.91 0.00	24.80 -1.09 0.00	24.03 -0.74 0.00	22.63 -0.66 0.00	26.84 -0.72 0.00	27.88 -0.60 0.00	26.82 -0.34 0.00	30.52 -0.03 0.00	33.10 0.10 0.00	30.59 0.03 0.00	30.63 0.16 0.00	30.75 0.31 0.00	32.69 0.73 0.00	32.67 0.70 0.00	30.56 0.48 0.00	27.79 0.41 0.00	29.29 0.46 0.00	24.71 0.61 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	16.49 -0.62 0.00	16.53 -0.67 0.00	16.38 -0.80 0.00	15.77 -0.73 0.00	16.58 -0.68 0.00	17.19 -0.72 0.00	19.21 -0.82 0.00	25.18 -0.71 0.00	23.85 -0.93 0.00	22.54 -0.76 0.00	26.65 -0.91 0.00	27.50 -0.98 0.00	26.16 -1.00 0.00	29.50 -1.06 0.00	31.57 -1.42 0.00	29.34 -1.21 0.00	29.40 -1.07 0.00	29.75 -0.69 0.00	31.04 -0.92 0.00	30.96 -1.02 0.00	29.45 -0.63 0.00	26.80 -0.58 0.00	28.36 -0.47 0.00	23.92 -0.18 0.00
EMPIRE_CC_1 323656	17.56 0.45 0.00	17.66 0.46 0.00	17.66 0.48 0.00	16.96 0.46 0.00	17.73 0.47 0.00	18.39 0.48 0.00	20.57 0.53 0.00	26.61 0.73 0.00	25.30 0.52 0.00	23.78 0.49 0.00	28.54 0.56 -0.43	29.06 0.57 -0.01	27.70 0.55 0.00	31.09 0.53 0.00	33.60 0.61 0.00	31.11 0.55 0.00	30.97 0.50 0.00	31.02 0.58 0.00	32.65 0.70 0.00	32.74 0.77 0.00	30.72 0.64 0.00	27.81 0.43 0.00	29.15 0.32 0.00	24.31 0.22 0.00
EMPIRE_CC_2 323658	17.56 0.45 0.00	17.66 0.46 0.00	17.66 0.48 0.00	16.96 0.46 0.00	17.73 0.47 0.00	18.39 0.48 0.00	20.57 0.53 0.00	26.61 0.73 0.00	25.30 0.52 0.00	23.78 0.49 0.00	28.54 0.56 -0.43	29.06 0.57 -0.01	27.70 0.55 0.00	31.09 0.53 0.00	33.60 0.61 0.00	31.11 0.55 0.00	30.97 0.50 0.00	31.02 0.58 0.00	32.65 0.70 0.00	32.74 0.77 0.00	30.72 0.64 0.00	27.81 0.43 0.00	29.15 0.32 0.00	24.31 0.22 0.00
ENORWICH_115KV_TB1 80156	17.53 0.42 0.00	17.71 0.50 0.00	17.70 0.52 0.00	16.93 0.43 0.00	17.81 0.55 0.00	18.63 0.73 0.00	21.02 0.98 0.00	27.48 1.59 0.00	26.14 1.37 0.00	24.58 1.29 0.00	29.03 1.48 0.00	29.88 1.40 0.00	28.59 1.43 0.00	32.25 1.69 0.00	34.62 1.63 0.00	32.25 1.70 0.00	32.48 2.01 0.00	32.92 2.48 0.00	34.41 2.46 0.00	34.35 2.37 0.00	32.40 2.32 0.00	29.38 2.00 0.00	30.68 1.85 0.00	25.41 1.31 0.00
ERIE_ST_34_KV_TB1-2 80199	16.76 -0.35 0.00	16.80 -0.40 0.00	16.65 -0.53 0.00	16.03 -0.47 0.00	16.85 -0.41 0.00	17.48 -0.43 0.00	19.54 -0.49 0.00	25.66 -0.23 0.00	24.29 -0.48 0.00	22.95 -0.34 0.00	27.15 -0.41 0.00	28.01 -0.47 0.00	26.62 -0.53 0.00	29.99 -0.57 0.00	32.11 -0.89 0.00	29.82 -0.73 0.00	29.86 -0.61 0.00	30.24 -0.20 0.00	31.53 -0.42 0.00	31.48 -0.50 0.00	29.93 -0.15 0.00	27.25 -0.13 0.00	28.81 -0.02 0.00	24.23 0.13 0.00
ERIE_WT_PWR 323693	16.57 -0.54 0.00	16.61 -0.59 0.00	16.49 -0.69 0.00	15.86 -0.64 0.00	16.69 -0.57 0.00	17.29 -0.62 0.00	19.32 -0.72 0.00	25.36 -0.53 0.00	24.02 -0.76 0.00	22.69 -0.60 0.00	26.84 -0.72 0.00	27.67 -0.81 0.00	26.29 -0.87 0.00	29.68 -0.88 0.00	31.76 -1.24 0.00	29.50 -1.05 0.00	29.55 -0.92 0.00	29.94 -0.51 0.00	31.24 -0.71 0.00	31.16 -0.81 0.00	29.67 -0.41 0.00	27.03 -0.35 0.00	28.59 -0.24 0.00	24.07 -0.03 0.00
ESPRGFLD_115KV_TB1 80157	17.67 0.55 0.00	17.71 0.51 0.00	17.66 0.48 0.00	16.96 0.46 0.00	17.79 0.53 0.00	18.51 0.61 0.00	20.81 0.78 0.00	27.10 1.22 0.00	25.93 1.16 0.00	24.34 1.05 0.00	28.81 1.25 0.00	29.72 1.23 0.00	28.38 1.22 0.00	31.99 1.43 0.00	34.52 1.53 0.00	31.95 1.40 0.00	31.93 1.46 0.00	32.18 1.74 0.00	33.71 1.76 0.00	33.61 1.64 0.00	31.77 1.70 0.00	28.92 1.54 0.00	30.46 1.63 0.00	25.42 1.32 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	17.22 0.11 0.00	17.29 0.09 0.00	17.24 0.06 0.00	16.56 0.06 0.00	17.37 0.11 0.00	18.06 0.15 0.00	20.25 0.21 0.00	26.43 0.54 0.00	25.10 0.33 0.00	23.57 0.29 0.00	27.79 0.24 0.00	28.70 0.22 0.00	27.40 0.24 0.00	30.83 0.28 0.00	33.18 0.19 0.00	30.81 0.25 0.00	30.82 0.35 0.00	31.13 0.69 0.00	32.61 0.66 0.00	32.64 0.67 0.00	30.77 0.69 0.00	27.96 0.58 0.00	29.40 0.57 0.00	24.46 0.36 0.00
ETNA____115KV_TB2 80207	17.22 0.11 0.00	17.29 0.09 0.00	17.24 0.06 0.00	16.56 0.06 0.00	17.37 0.11 0.00	18.06 0.15 0.00	20.25 0.21 0.00	26.43 0.54 0.00	25.10 0.33 0.00	23.57 0.29 0.00	27.79 0.24 0.00	28.70 0.22 0.00	27.40 0.24 0.00	30.83 0.28 0.00	33.18 0.19 0.00	30.81 0.25 0.00	30.82 0.35 0.00	31.13 0.69 0.00	32.61 0.66 0.00	32.64 0.67 0.00	30.77 0.69 0.00	27.96 0.58 0.00	29.40 0.57 0.00	24.46 0.36 0.00
EUCLID____115KV_TB2 356179	16.75 -0.36 0.00	16.82 -0.38 0.00	16.77 -0.41 0.00	16.12 -0.38 0.00	16.89 -0.37 0.00	17.54 -0.37 0.00	19.65 -0.39 0.00	25.56 -0.33 0.00	24.36 -0.41 0.00	22.90 -0.39 0.00	27.11 -0.45 0.00	28.00 -0.48 0.00	26.68 -0.48 0.00	30.01 -0.55 0.00	32.24 -0.75 0.00	29.99 -0.57 0.00	29.95 -0.52 0.00	30.09 -0.35 0.00	31.54 -0.41 0.00	31.55 -0.42 0.00	29.72 -0.36 0.00	27.00 -0.38 0.00	28.40 -0.42 0.00	23.71 -0.38 0.00
E_CANADA_CAP_HY 24051	17.88 0.77 0.00	17.94 0.74 0.00	17.88 0.70 0.00	17.18 0.68 0.00	18.03 0.76 0.00	18.74 0.83 0.00	21.05 1.02 0.00	27.35 1.46 0.00	26.20 1.42 0.00	24.57 1.28 0.00	29.07 1.51 0.00	29.98 1.50 0.00	28.64 1.49 0.00	32.31 1.75 0.00	34.89 1.90 0.00	32.28 1.73 0.00	32.23 1.76 0.00	32.42 1.98 0.00	34.00 2.05 0.00	33.90 1.93 0.00	32.04 1.96 0.00	29.16 1.78 0.00	30.73 1.90 0.00	25.68 1.58 0.00
E_CANADA_MHWK_HY 24050	16.86 -0.25 0.00	16.97 -0.23 0.00	16.93 -0.25 0.00	16.27 -0.23 0.00	17.03 -0.23 0.00	17.75 -0.16 0.00	19.97 -0.06 0.00	25.93 0.04 0.00	24.60 -0.17 0.00	23.10 -0.19 0.00	27.29 -0.26 0.00	28.18 -0.30 0.00	26.80 -0.35 0.00	30.18 -0.38 0.00	32.57 -0.42 0.00	30.09 -0.46 0.00	30.04 -0.43 0.00	30.40 -0.04 0.00	31.93 -0.02 0.00	32.01 0.03 0.00	30.17 0.09 0.00	27.31 -0.07 0.00	28.54 -0.29 0.00	23.65 -0.44 0.00
E_FISHKILL____LBMP 23776	17.79 0.68 0.00	17.88 0.68 0.00	17.86 0.69 0.00	17.14 0.64 0.00	17.89 0.63 0.00	18.57 0.66 0.00	20.84 0.80 0.00	27.08 1.20 0.00	25.71 0.93 0.00	24.15 0.86 0.00	29.19 1.01 -0.63	29.59 1.09 -0.02	28.13 0.97 0.00	31.56 1.00 0.00	34.13 1.13 0.00	31.57 1.02 0.00	31.45 0.98 0.00	31.59 1.15 0.00	33.14 1.19 0.00	33.24 1.27 0.00	31.25 1.17 0.00	28.23 0.85 0.00	29.59 0.76 0.00	24.62 0.52 0.00
FALCON____SEABRD_CC1 323796	16.82 -0.29 0.00	16.96 -0.24 0.00	16.98 -0.20 0.00	16.20 -0.31 0.00	16.63 -0.63 0.00	17.22 -0.69 0.00	19.13 -0.90 0.00	24.82 -1.07 0.00	24.03 -0.75 0.00	22.66 -0.63 0.00	26.82 -0.73 0.00	27.94 -0.54 0.00	26.83 -0.32 0.00	30.63 0.07 0.00	33.33 0.33 0.00	30.87 0.32 0.00	30.99 0.52 0.00	31.28 0.84 0.00	33.40 1.45 0.00	33.47 1.50 0.00	31.29 1.21 0.00	28.30 0.92 0.00	29.82 1.00 0.00	25.17 1.07 0.00

FALCON___SEABRD_CC2 323797	16.82 -0.29 0.00	16.96 -0.24 0.00	16.98 -0.20 0.00	16.20 -0.31 0.00	16.63 -0.63 0.00	17.22 -0.69 0.00	19.13 -0.90 0.00	24.82 -1.07 0.00	24.03 -0.75 0.00	22.66 -0.63 0.00	26.82 -0.73 0.00	27.94 -0.54 0.00	26.83 -0.32 0.00	30.63 0.07 0.00	33.33 0.33 0.00	30.87 0.32 0.00	30.99 0.52 0.00	31.28 0.84 0.00	33.40 1.45 0.00	33.47 1.50 0.00	31.29 1.21 0.00	28.30 0.92 0.00	29.82 1.00 0.00	25.17 1.07 0.00
FAR ROCKAWAY___4 23548	18.20 1.09 0.00	18.28 1.08 0.00	18.22 1.04 0.00	17.41 0.91 0.00	18.14 0.87 0.00	18.81 0.91 0.00	21.15 1.12 0.00	27.52 1.63 0.00	26.09 1.31 0.00	24.52 1.22 0.00	30.83 1.56 -1.71	30.34 1.80 -0.06	28.75 1.57 -0.02	32.06 1.50 0.00	35.00 2.00 0.00	32.50 1.95 0.00	32.17 1.70 0.00	32.29 1.85 0.00	33.84 1.89 0.00	33.81 1.84 0.00	31.67 1.59 0.00	28.88 1.50 0.00	30.16 1.34 0.00	25.08 0.98 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.02 0.91 0.00	18.09 0.89 0.00	18.07 0.89 0.00	17.34 0.84 0.00	18.09 0.83 0.00	18.79 0.89 0.00	21.11 1.07 0.00	27.49 1.60 0.00	26.13 1.35 0.00	24.55 1.26 0.00	30.75 1.47 -1.73	30.12 1.59 -0.04	28.61 1.45 0.00	32.06 1.51 0.00	34.63 1.64 0.00	32.04 1.49 0.00	31.92 1.45 0.00	32.08 1.64 0.00	33.60 1.65 0.00	33.67 1.70 0.00	31.67 1.59 0.00	28.60 1.22 0.00	29.94 1.11 0.00	24.90 0.81 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.03 0.92 0.00	18.10 0.90 0.00	18.08 0.90 0.00	17.35 0.85 0.00	18.10 0.84 0.00	18.80 0.90 0.00	21.12 1.09 0.00	27.51 1.63 0.00	26.15 1.37 0.00	24.56 1.27 0.00	30.77 1.49 -1.73	30.14 1.62 -0.04	28.62 1.46 0.00	32.08 1.53 0.00	34.66 1.67 0.00	32.06 1.51 0.00	31.95 1.48 0.00	32.10 1.66 0.00	33.63 1.67 0.00	33.70 1.72 0.00	31.70 1.62 0.00	28.63 1.25 0.00	29.97 1.14 0.00	24.92 0.83 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.01 0.90 0.00	18.08 0.88 0.00	18.07 0.89 0.00	17.34 0.84 0.00	18.08 0.82 0.00	18.79 0.88 0.00	21.10 1.07 0.00	27.49 1.60 0.00	26.13 1.35 0.00	24.54 1.25 0.00	30.74 1.46 -1.73	30.11 1.59 -0.04	28.59 1.43 0.00	32.05 1.50 0.00	34.63 1.63 0.00	32.03 1.48 0.00	31.91 1.45 0.00	32.06 1.62 0.00	33.59 1.64 0.00	33.66 1.69 0.00	31.66 1.58 0.00	28.59 1.21 0.00	29.93 1.11 0.00	24.90 0.80 0.00
FARRAGUT___LBMP 323566	18.01 0.89 0.00	18.07 0.87 0.00	18.06 0.88 0.00	17.33 0.83 0.00	18.07 0.81 0.00	18.78 0.87 0.00	21.09 1.05 0.00	27.46 1.58 0.00	26.10 1.33 0.00	24.52 1.23 0.00	30.71 1.44 -1.73	30.08 1.56 -0.04	28.57 1.41 0.00	32.02 1.47 0.00	34.59 1.60 0.00	32.00 1.45 0.00	31.89 1.42 0.00	32.04 1.60 0.00	33.56 1.61 0.00	33.63 1.66 0.00	31.64 1.56 0.00	28.57 1.19 0.00	29.92 1.09 0.00	24.88 0.79 0.00
FENNER___WINDPWR 24204	17.24 0.12 0.00	17.28 0.08 0.00	17.25 0.08 0.00	16.61 0.11 0.00	17.43 0.17 0.00	18.13 0.22 0.00	20.40 0.36 0.00	26.51 0.62 0.00	25.34 0.57 0.00	23.81 0.52 0.00	28.17 0.61 0.00	29.11 0.63 0.00	27.75 0.60 0.00	31.28 0.72 0.00	33.72 0.73 0.00	31.28 0.72 0.00	31.27 0.80 0.00	31.42 0.98 0.00	32.95 1.01 0.00	32.98 1.01 0.00	31.03 0.96 0.00	28.16 0.78 0.00	29.53 0.70 0.00	24.60 0.50 0.00
FIBERTEK___ENERGY 23856	16.93 -0.18 0.00	17.00 -0.20 0.00	16.95 -0.23 0.00	16.29 -0.21 0.00	17.07 -0.19 0.00	17.74 -0.17 0.00	19.86 -0.17 0.00	25.82 -0.07 0.00	24.58 -0.20 0.00	23.10 -0.19 0.00	27.33 -0.22 0.00	28.24 -0.24 0.00	26.90 -0.26 0.00	30.26 -0.30 0.00	32.59 -0.40 0.00	30.24 -0.32 0.00	30.25 -0.21 0.00	30.43 -0.01 0.00	31.90 -0.05 0.00	31.91 -0.06 0.00	30.05 -0.03 0.00	27.30 -0.08 0.00	28.73 -0.10 0.00	23.98 -0.12 0.00
FITZPATRICK____ 23598	16.57 -0.54 0.00	16.65 -0.55 0.00	16.60 -0.58 0.00	15.96 -0.54 0.00	16.71 -0.55 0.00	17.35 -0.56 0.00	19.40 -0.63 0.00	25.16 -0.73 0.00	24.00 -0.78 0.00	22.57 -0.72 0.00	26.70 -0.86 0.00	27.58 -0.90 0.00	26.29 -0.87 0.00	29.58 -0.98 0.00	31.88 -1.11 0.00	29.56 -1.00 0.00	29.56 -0.91 0.00	29.67 -0.77 0.00	31.11 -0.84 0.00	31.12 -0.86 0.00	29.31 -0.77 0.00	26.65 -0.74 0.00	28.04 -0.79 0.00	23.42 -0.67 0.00
FLOWRFLD_69_KV_BK1 356044	18.17 1.06 0.00	18.25 1.05 0.00	18.20 1.02 0.00	17.34 0.84 0.00	18.01 0.75 0.00	18.63 0.72 0.00	21.08 1.04 0.00	27.45 1.57 0.00	25.92 1.15 0.00	24.30 1.01 0.00	30.81 1.54 -1.71	30.21 1.70 -0.04	28.71 1.55 0.00	31.99 1.43 0.00	35.00 2.00 0.00	32.41 1.86 0.00	31.99 1.53 0.00	32.04 1.60 0.00	33.55 1.59 0.00	33.71 1.74 0.00	31.69 1.61 0.00	28.61 1.23 0.00	29.90 1.07 0.00	24.83 0.73 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.10 0.99 0.00	18.17 0.97 0.00	18.15 0.97 0.00	17.42 0.92 0.00	18.20 0.94 0.00	18.91 1.01 0.00	21.26 1.23 0.00	27.68 1.80 0.00	26.38 1.60 0.00	24.68 1.39 0.00	29.16 1.60 0.00	30.17 1.69 0.00	28.69 1.54 0.00	32.20 1.64 0.00	34.80 1.81 0.00	32.19 1.64 0.00	32.09 1.62 0.00	32.27 1.83 0.00	33.87 1.92 0.00	33.97 2.00 0.00	31.94 1.86 0.00	28.86 1.48 0.00	30.22 1.39 0.00	25.11 1.01 0.00
FORT ORANGE____ 23900	17.42 0.31 0.00	17.53 0.33 0.00	17.52 0.34 0.00	16.83 0.33 0.00	17.59 0.33 0.00	18.23 0.32 0.00	20.40 0.37 0.00	26.47 0.58 0.00	25.19 0.42 0.00	23.68 0.39 0.00	28.27 0.38 -0.34	28.90 0.40 -0.01	27.51 0.36 0.00	30.90 0.34 0.00	33.40 0.40 0.00	30.92 0.36 0.00	30.80 0.33 0.00	30.86 0.42 0.00	32.47 0.52 0.00	32.57 0.60 0.00	30.57 0.49 0.00	27.67 0.28 0.00	28.97 0.15 0.00	24.14 0.05 0.00
FORT_DRUM_COGEN 23780	16.04 -1.07 0.00	16.12 -1.08 0.00	16.11 -1.07 0.00	15.51 -0.99 0.00	16.35 -0.91 0.00	17.09 -0.82 0.00	19.19 -0.85 0.00	24.99 -0.90 0.00	23.89 -0.89 0.00	22.27 -1.02 0.00	26.37 -1.19 0.00	27.27 -1.21 0.00	26.38 -0.78 0.00	30.06 -0.50 0.00	32.62 -0.37 0.00	30.20 -0.35 0.00	30.35 -0.12 0.00	30.49 0.05 0.00	32.06 0.11 0.00	32.09 0.12 0.00	30.12 0.04 0.00	27.18 -0.20 0.00	28.33 -0.50 0.00	23.79 -0.31 0.00
FOX_HILLS___ESR 323835	18.11 1.00 0.00	18.18 0.98 0.00	18.23 1.05 0.00	17.49 0.99 0.00	18.25 0.99 0.00	18.96 1.05 0.00	21.30 1.26 -0.01	27.58 1.70 0.00	26.18 1.40 0.00	24.56 1.27 0.00	30.73 1.46 -1.72	30.14 1.61 -0.04	28.60 1.44 0.00	32.04 1.49 0.00	34.68 1.69 0.00	32.10 1.55 0.00	32.00 1.53 0.00	32.15 1.71 0.00	33.65 1.70 0.00	33.75 1.78 0.00	31.81 1.73 0.00	28.72 1.34 0.00	30.07 1.25 0.00	24.99 0.90 0.00
FPL FAR_ROCK_GT1 24212	18.20 1.09 0.00	18.28 1.08 0.00	18.22 1.04 0.00	17.41 0.91 0.00	18.13 0.87 0.00	18.81 0.90 0.00	21.15 1.11 0.00	27.52 1.63 0.00	26.09 1.31 0.00	24.52 1.22 0.00	30.82 1.56 -1.71	30.34 1.80 -0.06	28.74 1.56 -0.02	32.07 1.51 0.00	35.00 2.00 0.00	32.51 1.95 0.00	32.16 1.70 0.00	32.29 1.85 0.00	33.84 1.89 0.00	33.82 1.84 0.00	31.67 1.59 0.00	28.87 1.49 0.00	30.17 1.34 0.00	25.08 0.98 0.00



FPL FAR_ROCK_GT2 23815	18.20 1.09 0.00	18.28 1.08 0.00	18.22 1.04 0.00	17.41 0.91 0.00	18.13 0.87 0.00	18.81 0.90 0.00	21.15 1.11 0.00	27.52 1.63 0.00	26.09 1.31 0.00	24.52 1.22 0.00	30.82 1.56 -1.71	30.34 1.80 -0.06	28.74 1.56 -0.02	32.07 1.51 0.00	35.00 2.00 0.00	32.51 1.95 0.00	32.16 1.70 0.00	32.29 1.85 0.00	33.84 1.89 0.00	33.82 1.84 0.00	31.67 1.59 0.00	28.87 1.49 0.00	30.17 1.34 0.00	25.08 0.98 0.00
FRANKLIN_FALL_HYD 24054	16.64 -0.47 0.00	16.88 -0.32 0.00	16.94 -0.24 0.00	16.20 -0.30 0.00	16.85 -0.42 0.00	17.46 -0.45 0.00	19.45 -0.58 0.00	25.23 -0.66 0.00	24.42 -0.36 0.00	22.96 -0.33 0.00	27.26 -0.29 0.00	28.22 -0.26 0.00	27.11 -0.04 0.00	30.78 0.22 0.00	33.32 0.33 0.00	30.77 0.22 0.00	30.79 0.32 0.00	30.80 0.36 0.00	32.66 0.71 0.00	32.59 0.62 0.00	30.55 0.47 0.00	27.80 0.42 0.00	29.27 0.45 0.00	24.68 0.58 0.00
FREEPORT_EQUS_GT1 23764	18.09 0.98 0.00	18.16 0.95 0.00	18.09 0.91 0.00	17.28 0.78 0.00	18.00 0.73 0.00	18.66 0.75 0.00	21.00 0.96 0.00	27.34 1.45 0.00	25.90 1.12 0.00	24.34 1.05 0.00	30.71 1.45 -1.71	30.13 1.60 -0.05	28.60 1.44 -0.01	31.92 1.36 0.00	34.85 1.86 0.00	32.25 1.70 0.00	31.93 1.46 0.00	32.04 1.60 0.00	33.57 1.61 0.00	33.69 1.72 0.00	31.69 1.61 0.00	28.63 1.25 0.00	29.90 1.08 0.00	24.86 0.76 0.00
FREEPORT___CT2 23818	18.09 0.98 0.00	18.16 0.95 0.00	18.09 0.91 0.00	17.28 0.78 0.00	18.00 0.73 0.00	18.66 0.75 0.00	21.00 0.96 0.00	27.34 1.45 0.00	25.90 1.12 0.00	24.34 1.05 0.00	30.71 1.45 -1.71	30.13 1.60 -0.05	28.60 1.44 -0.01	31.92 1.36 0.00	34.85 1.86 0.00	32.25 1.70 0.00	31.93 1.46 0.00	32.04 1.60 0.00	33.57 1.61 0.00	33.69 1.72 0.00	31.69 1.61 0.00	28.63 1.25 0.00	29.90 1.08 0.00	24.86 0.76 0.00
FRESHKLS_33_KV_LOAD 356253	18.11 1.00 0.00	18.19 0.99 0.00	18.31 1.13 0.00	17.59 1.09 0.00	18.36 1.10 0.00	19.07 1.16 0.00	21.39 1.35 -0.01	27.56 1.67 0.00	26.09 1.32 0.00	24.47 1.18 0.00	30.59 1.31 -1.72	29.99 1.47 -0.04	28.47 1.31 0.00	31.87 1.31 0.00	34.55 1.56 0.00	32.01 1.46 0.00	31.93 1.46 0.00	32.07 1.63 0.00	33.54 1.59 0.00	33.66 1.68 0.00	31.77 1.69 0.00	28.68 1.30 0.00	30.04 1.21 0.00	24.97 0.87 0.00
FULTON COGEN____ 23766	16.67 -0.44 0.00	16.74 -0.46 0.00	16.70 -0.48 0.00	16.04 -0.46 0.00	16.82 -0.45 0.00	17.47 -0.44 0.00	19.55 -0.48 0.00	25.41 -0.48 0.00	24.21 -0.57 0.00	22.75 -0.54 0.00	26.93 -0.62 0.00	27.81 -0.67 0.00	26.51 -0.65 0.00	29.81 -0.75 0.00	32.15 -0.84 0.00	29.78 -0.78 0.00	29.80 -0.66 0.00	29.97 -0.47 0.00	31.42 -0.54 0.00	31.43 -0.55 0.00	29.60 -0.47 0.00	26.89 -0.49 0.00	28.26 -0.56 0.00	23.59 -0.50 0.00
FULTON___LFGE 323630	18.85 1.74 0.00	18.84 1.64 0.00	18.75 1.57 0.00	18.02 1.52 0.00	18.95 1.69 0.00	19.85 1.94 0.00	22.44 2.41 0.00	29.40 3.51 0.00	28.06 3.29 0.00	26.32 3.03 0.00	31.04 3.49 0.00	31.84 3.36 0.00	30.43 3.27 0.00	34.36 3.80 0.00	37.16 4.17 0.00	34.25 3.69 0.00	34.32 3.85 0.00	34.83 4.38 0.00	36.63 4.68 0.00	36.52 4.55 0.00	34.43 4.35 0.00	31.23 3.85 0.00	32.74 3.91 0.00	27.28 3.19 0.00
G.F.CEMENT___DRP 24184	17.61 0.50 0.00	17.73 0.52 0.00	17.73 0.55 0.00	17.05 0.55 0.00	17.83 0.57 0.00	18.56 0.65 0.00	20.88 0.84 0.00	26.98 1.09 0.00	25.74 0.96 0.00	24.27 0.98 0.00	29.01 1.13 -0.33	29.71 1.22 -0.01	28.05 0.89 0.00	31.52 0.96 0.00	34.04 1.04 0.00	31.54 0.98 0.00	31.37 0.91 0.00	31.57 1.13 0.00	33.31 1.36 0.00	33.55 1.57 0.00	31.42 1.34 0.00	28.29 0.91 0.00	29.52 0.69 0.00	24.53 0.43 0.00
GARDENVILLE___LBMP 24039	16.53 -0.58 0.00	16.57 -0.63 0.00	16.42 -0.76 0.00	15.81 -0.69 0.00	16.64 -0.63 0.00	17.25 -0.66 0.00	19.28 -0.75 0.00	25.30 -0.59 0.00	23.95 -0.82 0.00	22.62 -0.67 0.00	26.75 -0.81 0.00	27.59 -0.89 0.00	26.23 -0.92 0.00	29.59 -0.97 0.00	31.67 -1.32 0.00	29.42 -1.13 0.00	29.46 -1.01 0.00	29.84 -0.60 0.00	31.15 -0.81 0.00	31.08 -0.90 0.00	29.58 -0.50 0.00	26.92 -0.46 0.00	28.48 -0.34 0.00	23.98 -0.11 0.00
GARDNVLA_35_KV_LD 355827	16.60 -0.52 0.00	16.63 -0.57 0.00	16.48 -0.70 0.00	15.87 -0.63 0.00	16.69 -0.58 0.00	17.30 -0.61 0.00	19.34 -0.70 0.00	25.38 -0.51 0.00	24.04 -0.73 0.00	22.72 -0.57 0.00	26.87 -0.68 0.00	27.73 -0.76 0.00	26.35 -0.81 0.00	29.73 -0.83 0.00	31.82 -1.18 0.00	29.57 -0.99 0.00	29.61 -0.86 0.00	29.99 -0.46 0.00	31.28 -0.67 0.00	31.21 -0.77 0.00	29.70 -0.38 0.00	27.04 -0.34 0.00	28.60 -0.22 0.00	24.09 -0.01 0.00
GELCKHM___115KV_LOAD 80723	16.82 -0.29 0.00	16.88 -0.32 0.00	16.83 -0.35 0.00	16.18 -0.32 0.00	16.95 -0.31 0.00	17.61 -0.30 0.00	19.72 -0.32 0.00	25.64 -0.24 0.00	24.44 -0.34 0.00	22.96 -0.33 0.00	27.18 -0.37 0.00	28.08 -0.40 0.00	26.75 -0.40 0.00	30.10 -0.46 0.00	32.34 -0.65 0.00	30.07 -0.48 0.00	30.06 -0.41 0.00	30.21 -0.23 0.00	31.67 -0.29 0.00	31.67 -0.30 0.00	29.83 -0.25 0.00	27.10 -0.28 0.00	28.51 -0.31 0.00	23.80 -0.30 0.00
GENERAL___MILLS 23808	16.57 -0.54 0.00	16.61 -0.59 0.00	16.46 -0.71 0.00	15.85 -0.65 0.00	16.67 -0.59 0.00	17.29 -0.62 0.00	19.32 -0.71 0.00	25.35 -0.54 0.00	24.00 -0.77 0.00	22.69 -0.60 0.00	26.82 -0.73 0.00	27.67 -0.81 0.00	26.31 -0.85 0.00	29.67 -0.89 0.00	31.76 -1.24 0.00	29.51 -1.05 0.00	29.55 -0.92 0.00	29.93 -0.51 0.00	31.22 -0.73 0.00	31.16 -0.81 0.00	29.65 -0.43 0.00	27.00 -0.38 0.00	28.56 -0.27 0.00	24.05 -0.05 0.00
GE_PLASTICS___DRP 24183	17.42 0.31 0.00	17.53 0.33 0.00	17.52 0.34 0.00	16.83 0.33 0.00	17.59 0.33 0.00	18.22 0.31 0.00	20.39 0.35 0.00	26.44 0.55 0.00	25.17 0.39 0.00	23.65 0.36 0.00	28.28 0.38 -0.34	28.90 0.40 -0.01	27.52 0.36 0.00	30.91 0.36 0.00	33.40 0.40 0.00	30.93 0.37 0.00	30.81 0.34 0.00	30.86 0.42 0.00	32.42 0.47 0.00	32.51 0.54 0.00	30.52 0.45 0.00	27.65 0.27 0.00	29.00 0.17 0.00	24.18 0.08 0.00
GILBOA___1 23756	17.55 0.44 0.00	17.73 0.53 0.00	17.71 0.53 0.00	17.01 0.51 0.00	17.78 0.51 0.00	18.39 0.48 0.00	20.56 0.52 0.00	26.66 0.77 0.00	25.36 0.58 0.00	23.83 0.54 0.00	28.59 0.62 -0.41	29.15 0.66 -0.01	27.76 0.60 0.00	31.17 0.61 0.00	33.68 0.69 0.00	31.18 0.62 0.00	31.06 0.59 0.00	31.11 0.67 0.00	32.63 0.67 0.00	32.68 0.71 0.00	30.67 0.60 0.00	27.83 0.45 0.00	29.21 0.39 0.00	24.39 0.29 0.00
GILBOA___2 23757	17.55 0.44 0.00	17.73 0.53 0.00	17.71 0.53 0.00	17.01 0.51 0.00	17.78 0.51 0.00	18.39 0.48 0.00	20.56 0.52 0.00	26.66 0.77 0.00	25.36 0.58 0.00	23.83 0.54 0.00	28.59 0.62 -0.41	29.15 0.66 -0.01	27.76 0.60 0.00	31.17 0.61 0.00	33.68 0.69 0.00	31.18 0.62 0.00	31.06 0.59 0.00	31.11 0.67 0.00	32.63 0.67 0.00	32.68 0.71 0.00	30.67 0.60 0.00	27.83 0.45 0.00	29.21 0.39 0.00	24.39 0.29 0.00

GILBOA___3 23758	17.55 0.44 0.00	17.73 0.53 0.00	17.71 0.53 0.00	17.01 0.51 0.00	17.78 0.51 0.00	18.39 0.48 0.00	20.56 0.52 0.00	26.66 0.77 0.00	25.36 0.58 0.00	23.83 0.54 0.00	28.59 0.62 -0.41	29.15 0.66 -0.01	27.76 0.60 0.00	31.17 0.61 0.00	33.68 0.69 0.00	31.18 0.62 0.00	31.06 0.59 0.00	31.11 0.67 0.00	32.63 0.67 0.00	32.68 0.71 0.00	30.67 0.60 0.00	27.83 0.45 0.00	29.21 0.39 0.00	24.39 0.29 0.00
GILBOA___4 23759	17.55 0.44 0.00	17.73 0.53 0.00	17.71 0.53 0.00	17.01 0.51 0.00	17.78 0.51 0.00	18.39 0.48 0.00	20.56 0.52 0.00	26.66 0.77 0.00	25.36 0.58 0.00	23.83 0.54 0.00	28.59 0.62 -0.41	29.15 0.66 -0.01	27.76 0.60 0.00	31.17 0.61 0.00	33.68 0.69 0.00	31.18 0.62 0.00	31.06 0.59 0.00	31.11 0.67 0.00	32.63 0.67 0.00	32.68 0.71 0.00	30.67 0.60 0.00	27.83 0.45 0.00	29.21 0.39 0.00	24.39 0.29 0.00
GILBOA___ 23599	17.55 0.44 0.00	17.73 0.53 0.00	17.72 0.54 0.00	17.02 0.51 0.00	17.78 0.51 0.00	18.39 0.48 0.00	20.56 0.52 0.00	26.66 0.77 0.00	25.35 0.58 0.00	23.83 0.54 0.00	28.59 0.62 -0.41	29.15 0.66 -0.01	27.76 0.60 0.00	31.17 0.61 0.00	33.68 0.69 0.00	31.18 0.62 0.00	31.06 0.59 0.00	31.11 0.67 0.00	32.63 0.68 0.00	32.68 0.70 0.00	30.68 0.60 0.00	27.83 0.45 0.00	29.21 0.39 0.00	24.39 0.29 0.00
GINNA___ 23603	16.01 -1.11 0.00	16.06 -1.14 0.00	15.98 -1.20 0.00	15.35 -1.15 0.00	16.12 -1.15 0.00	16.75 -1.16 0.00	18.78 -1.25 0.00	24.50 -1.38 0.00	23.30 -1.48 0.00	21.98 -1.31 0.00	26.01 -1.55 0.00	26.84 -1.64 0.00	25.56 -1.60 0.00	28.74 -1.82 0.00	30.90 -2.10 0.00	28.72 -1.83 0.00	28.72 -1.75 0.00	28.88 -1.56 0.00	30.23 -1.72 0.00	30.19 -1.79 0.00	28.54 -1.54 0.00	25.91 -1.47 0.00	27.27 -1.55 0.00	22.89 -1.20 0.00
GLEN PARK___ 23778	16.06 -1.05 0.00	16.13 -1.08 0.00	16.11 -1.07 0.00	15.51 -0.99 0.00	16.35 -0.91 0.00	17.10 -0.81 0.00	19.22 -0.81 0.00	25.04 -0.85 0.00	23.93 -0.84 0.00	22.31 -0.98 0.00	26.43 -1.13 0.00	27.32 -1.17 0.00	26.41 -0.74 0.00	30.09 -0.47 0.00	32.65 -0.35 0.00	30.18 -0.38 0.00	30.38 -0.08 0.00	30.55 0.11 0.00	32.12 0.16 0.00	32.15 0.17 0.00	30.18 0.10 0.00	27.22 -0.16 0.00	28.36 -0.47 0.00	23.79 -0.31 0.00
GLENDALE_27_KV_LOAD 356172	18.11 1.00 0.00	18.18 0.98 0.00	18.16 0.98 0.00	17.43 0.93 0.00	18.18 0.92 0.00	18.89 0.98 0.00	21.24 1.20 -0.01	27.64 1.75 0.00	26.28 1.50 0.00	24.70 1.40 0.00	30.91 1.63 -1.72	30.29 1.77 -0.04	28.76 1.61 0.00	32.26 1.70 0.00	34.86 1.86 0.00	32.23 1.67 0.00	32.11 1.64 0.00	32.28 1.84 0.00	33.80 1.85 0.00	33.87 1.90 0.00	31.87 1.79 0.00	28.77 1.39 0.00	30.12 1.29 0.00	25.03 0.93 0.00
GLENWOOD_IC_1_G5 23712	18.06 0.95 0.00	18.10 0.90 0.00	18.06 0.88 0.00	17.28 0.78 0.00	18.02 0.76 0.00	18.70 0.79 0.00	21.02 0.99 0.00	27.37 1.48 0.00	25.96 1.18 0.00	24.40 1.11 0.00	30.70 1.43 -1.71	30.10 1.57 -0.05	28.58 1.42 0.00	31.96 1.40 0.00	34.74 1.75 0.00	32.15 1.59 0.00	31.92 1.45 0.00	32.03 1.59 0.00	33.56 1.61 0.00	33.67 1.70 0.00	31.65 1.57 0.00	28.60 1.22 0.00	29.90 1.08 0.00	24.86 0.76 0.00
GLENWOOD_IC_2_G1 23688	18.02 0.91 0.00	18.05 0.85 0.00	18.01 0.83 0.00	17.24 0.74 0.00	17.98 0.72 0.00	18.67 0.76 0.00	20.98 0.94 0.00	27.30 1.41 0.00	25.90 1.13 0.00	24.34 1.05 0.00	30.59 1.32 -1.71	29.97 1.44 -0.04	28.46 1.30 0.00	31.85 1.29 0.00	34.57 1.58 0.00	31.99 1.43 0.00	31.78 1.32 0.00	31.91 1.47 0.00	33.44 1.49 0.00	33.54 1.57 0.00	31.53 1.46 0.00	28.50 1.12 0.00	29.82 0.99 0.00	24.80 0.70 0.00
GLENWOOD_IC_3_G1 23689	18.02 0.91 0.00	18.05 0.85 0.00	18.01 0.83 0.00	17.24 0.74 0.00	17.98 0.72 0.00	18.67 0.76 0.00	20.98 0.94 0.00	27.30 1.41 0.00	25.90 1.13 0.00	24.34 1.05 0.00	30.59 1.32 -1.71	29.97 1.44 -0.04	28.46 1.30 0.00	31.85 1.29 0.00	34.57 1.58 0.00	31.99 1.43 0.00	31.78 1.32 0.00	31.91 1.47 0.00	33.44 1.49 0.00	33.54 1.57 0.00	31.53 1.46 0.00	28.50 1.12 0.00	29.82 0.99 0.00	24.80 0.70 0.00
GLENWOOD___4 23550	18.06 0.95 0.00	18.10 0.90 0.00	18.06 0.88 0.00	17.28 0.78 0.00	18.02 0.76 0.00	18.70 0.79 0.00	21.02 0.99 0.00	27.37 1.48 0.00	25.96 1.18 0.00	24.40 1.11 0.00	30.70 1.43 -1.71	30.10 1.57 -0.05	28.58 1.42 0.00	31.96 1.40 0.00	34.74 1.75 0.00	32.15 1.59 0.00	31.92 1.45 0.00	32.03 1.59 0.00	33.56 1.61 0.00	33.67 1.70 0.00	31.65 1.57 0.00	28.60 1.22 0.00	29.90 1.08 0.00	24.86 0.76 0.00
GLENWOOD___5 23614	18.06 0.95 0.00	18.10 0.90 0.00	18.06 0.88 0.00	17.28 0.78 0.00	18.02 0.76 0.00	18.70 0.79 0.00	21.02 0.99 0.00	27.37 1.48 0.00	25.96 1.18 0.00	24.40 1.11 0.00	30.70 1.43 -1.71	30.10 1.57 -0.05	28.58 1.42 0.00	31.96 1.40 0.00	34.74 1.75 0.00	32.15 1.59 0.00	31.92 1.45 0.00	32.03 1.59 0.00	33.56 1.61 0.00	33.67 1.70 0.00	31.65 1.57 0.00	28.60 1.22 0.00	29.90 1.08 0.00	24.86 0.76 0.00
GLOBAL GREEN_PORT_GT1 23814	18.39 1.28 0.00	18.48 1.28 0.00	18.45 1.27 0.00	17.59 1.09 0.00	18.28 1.02 0.00	18.92 1.02 0.00	21.51 1.48 0.00	28.03 2.14 0.00	26.38 1.60 0.00	24.78 1.49 0.00	31.30 2.03 -1.71	30.71 2.19 -0.04	29.17 2.01 0.00	32.54 1.98 0.00	35.55 2.56 0.00	32.95 2.39 0.00	32.65 2.18 0.00	32.73 2.28 0.00	34.30 2.35 0.00	34.45 2.48 0.00	32.35 2.27 0.00	29.19 1.81 0.00	30.39 1.56 0.00	25.16 1.06 0.00
GLOBE___DSASP 323697	15.96 -1.15 0.00	16.01 -1.19 0.00	15.86 -1.32 0.00	15.27 -1.23 0.00	16.03 -1.23 0.00	16.62 -1.29 0.00	18.60 -1.43 0.00	24.17 -1.71 0.00	22.85 -1.92 0.00	21.65 -1.64 0.00	25.61 -1.95 0.00	26.40 -2.08 0.00	25.17 -1.99 0.00	28.33 -2.23 0.00	30.34 -2.66 0.00	28.20 -2.36 0.00	28.38 -2.09 0.00	28.66 -1.79 0.00	29.84 -2.11 0.00	29.73 -2.25 0.00	28.30 -1.78 0.00	25.75 -1.63 0.00	27.32 -1.51 0.00	23.17 -0.93 0.00
GOETHSLN___LBMP 323567	17.95 0.84 0.00	18.01 0.81 0.00	17.99 0.81 0.00	17.27 0.76 0.00	18.01 0.75 0.00	18.71 0.80 0.00	21.01 0.97 0.00	27.37 1.48 0.00	26.00 1.23 0.00	24.42 1.13 0.00	30.59 1.31 -1.73	29.96 1.43 -0.04	28.45 1.30 0.00	31.90 1.34 0.00	34.45 1.46 0.00	31.87 1.32 0.00	31.77 1.30 0.00	31.93 1.49 0.00	33.45 1.50 0.00	33.53 1.55 0.00	31.53 1.46 0.00	28.48 1.10 0.00	29.80 0.97 0.00	24.78 0.68 0.00
GOLAH___69_KV_TB 1_2 80279	16.81 -0.30 0.00	16.86 -0.34 0.00	16.75 -0.43 0.00	16.11 -0.40 0.00	16.91 -0.35 0.00	17.57 -0.33 0.00	19.70 -0.34 0.00	25.71 -0.17 0.00	24.39 -0.39 0.00	23.02 -0.27 0.00	27.27 -0.28 0.00	28.16 -0.32 0.00	26.75 -0.40 0.00	30.05 -0.50 0.00	32.33 -0.66 0.00	30.04 -0.52 0.00	30.10 -0.37 0.00	30.33 -0.11 0.00	31.73 -0.22 0.00	31.68 -0.30 0.00	30.01 -0.07 0.00	27.24 -0.14 0.00	28.73 -0.10 0.00	24.16 0.06 0.00

GOODYEAR_LAKE_HYD 323669	17.49 0.38 0.00	17.55 0.34 0.00	17.52 0.34 0.00	16.81 0.31 0.00	17.61 0.35 0.00	18.33 0.42 0.00	20.59 0.55 0.00	26.82 0.93 0.00	25.57 0.80 0.00	24.02 0.73 0.00	28.41 0.86 0.00	29.34 0.86 0.00	27.98 0.82 0.00	31.50 0.94 0.00	33.97 0.98 0.00	31.46 0.91 0.00	31.42 0.95 0.00	31.65 1.20 0.00	33.15 1.20 0.00	33.12 1.15 0.00	31.27 1.19 0.00	28.42 1.04 0.00	29.88 1.05 0.00	24.88 0.79 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	17.09 -0.02 0.00	17.15 -0.05 0.00	17.11 -0.07 0.00	16.45 -0.05 0.00	17.24 -0.02 0.00	17.89 -0.02 0.00	20.02 -0.01 0.00	26.21 0.32 0.00	24.84 0.06 0.00	23.31 0.02 0.00	27.58 0.02 0.00	28.49 0.01 0.00	27.07 -0.08 0.00	30.51 -0.05 0.00	32.82 -0.18 0.00	30.44 -0.11 0.00	30.29 -0.18 0.00	30.67 0.23 0.00	32.08 0.13 0.00	32.08 0.11 0.00	30.25 0.17 0.00	27.54 0.15 0.00	29.04 0.21 0.00	24.14 0.04 0.00
GOUDEY___7 23579	17.11 0.00 0.00	17.16 -0.04 0.00	17.12 -0.07 0.00	16.46 -0.04 0.00	17.26 -0.01 0.00	17.90 -0.01 0.00	20.04 0.01 0.00	26.24 0.35 0.00	24.86 0.08 0.00	23.33 0.04 0.00	27.61 0.05 0.00	28.51 0.03 0.00	27.10 -0.06 0.00	30.54 -0.02 0.00	32.85 -0.15 0.00	30.47 -0.08 0.00	30.32 -0.15 0.00	30.70 0.26 0.00	32.11 0.16 0.00	32.11 0.14 0.00	30.28 0.20 0.00	27.56 0.18 0.00	29.07 0.24 0.00	24.15 0.06 0.00
GOUDEY___8 23580	17.09 -0.02 0.00	17.15 -0.05 0.00	17.11 -0.07 0.00	16.45 -0.05 0.00	17.24 -0.02 0.00	17.89 -0.02 0.00	20.02 -0.01 0.00	26.21 0.32 0.00	24.84 0.06 0.00	23.31 0.02 0.00	27.58 0.02 0.00	28.49 0.01 0.00	27.07 -0.08 0.00	30.51 -0.05 0.00	32.82 -0.18 0.00	30.44 -0.11 0.00	30.29 -0.18 0.00	30.67 0.23 0.00	32.08 0.13 0.00	32.08 0.11 0.00	30.25 0.17 0.00	27.54 0.15 0.00	29.04 0.21 0.00	24.14 0.04 0.00
GOWANUS_GT1_1 24077	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.45 0.94 0.00	18.20 0.94 0.00	18.91 1.00 0.00	21.25 1.21 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.75 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
GOWANUS_GT1_2 24078	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.45 0.94 0.00	18.20 0.94 0.00	18.91 1.00 0.00	21.25 1.21 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.75 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
GOWANUS_GT1_3 24079	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.45 0.94 0.00	18.20 0.94 0.00	18.91 1.00 0.00	21.25 1.21 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.75 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
GOWANUS_GT1_4 24080	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.45 0.94 0.00	18.20 0.94 0.00	18.91 1.00 0.00	21.25 1.21 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.75 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
GOWANUS_GT1_5 24084	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.45 0.94 0.00	18.20 0.94 0.00	18.91 1.00 0.00	21.25 1.21 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.75 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
GOWANUS_GT1_6 24111	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.45 0.94 0.00	18.20 0.94 0.00	18.91 1.00 0.00	21.25 1.21 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.75 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
GOWANUS_GT1_7 24112	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.45 0.94 0.00	18.20 0.94 0.00	18.91 1.00 0.00	21.25 1.21 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.75 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
GOWANUS_GT1_8 24113	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.45 0.94 0.00	18.20 0.94 0.00	18.91 1.00 0.00	21.25 1.21 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.75 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
GOWANUS_GT2_1 24114	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.44 0.94 0.00	18.20 0.93 0.00	18.91 1.00 0.00	21.24 1.20 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.74 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
GOWANUS_GT2_2 24115	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.44 0.94 0.00	18.20 0.93 0.00	18.91 1.00 0.00	21.24 1.20 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.74 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
GOWANUS_GT2_3 24116	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.44 0.94 0.00	18.20 0.93 0.00	18.91 1.00 0.00	21.24 1.20 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.74 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00

GOWANUS_GT2_4 24117	18.11 <u>1.00</u> 0.00	18.18 <u>0.98</u> 0.00	18.18 <u>1.00</u> 0.00	17.44 <u>0.94</u> 0.00	18.20 <u>0.93</u> 0.00	18.91 <u>1.00</u> 0.00	21.24 <u>1.20</u> -0.01	27.60 <u>1.71</u> 0.00	26.22 <u>1.45</u> 0.00	24.62 <u>1.33</u> 0.00	30.81 <u>1.54</u> -1.72	30.20 <u>1.68</u> -0.04	28.68 <u>1.52</u> 0.00	32.14 <u>1.58</u> 0.00	34.75 <u>1.76</u> 0.00	32.13 <u>1.58</u> 0.00	32.04 <u>1.57</u> 0.00	32.19 <u>1.75</u> 0.00	33.70 <u>1.74</u> 0.00	33.80 <u>1.82</u> 0.00	31.83 <u>1.75</u> 0.00	28.74 <u>1.36</u> 0.00	30.09 <u>1.26</u> 0.00	25.00 <u>0.90</u> 0.00
GOWANUS_GT2_5 24118	18.11 <u>1.00</u> 0.00	18.18 <u>0.98</u> 0.00	18.18 <u>1.00</u> 0.00	17.44 <u>0.94</u> 0.00	18.20 <u>0.93</u> 0.00	18.91 <u>1.00</u> 0.00	21.24 <u>1.20</u> -0.01	27.60 <u>1.71</u> 0.00	26.22 <u>1.45</u> 0.00	24.62 <u>1.33</u> 0.00	30.81 <u>1.54</u> -1.72	30.20 <u>1.68</u> -0.04	28.68 <u>1.52</u> 0.00	32.14 <u>1.58</u> 0.00	34.75 <u>1.76</u> 0.00	32.13 <u>1.58</u> 0.00	32.04 <u>1.57</u> 0.00	32.19 <u>1.75</u> 0.00	33.70 <u>1.74</u> 0.00	33.80 <u>1.82</u> 0.00	31.83 <u>1.75</u> 0.00	28.74 <u>1.36</u> 0.00	30.09 <u>1.26</u> 0.00	25.00 <u>0.90</u> 0.00
GOWANUS_GT2_6 24119	18.11 <u>1.00</u> 0.00	18.18 <u>0.98</u> 0.00	18.18 <u>1.00</u> 0.00	17.44 <u>0.94</u> 0.00	18.20 <u>0.93</u> 0.00	18.91 <u>1.00</u> 0.00	21.24 <u>1.20</u> -0.01	27.60 <u>1.71</u> 0.00	26.22 <u>1.45</u> 0.00	24.62 <u>1.33</u> 0.00	30.81 <u>1.54</u> -1.72	30.20 <u>1.68</u> -0.04	28.68 <u>1.52</u> 0.00	32.14 <u>1.58</u> 0.00	34.75 <u>1.76</u> 0.00	32.13 <u>1.58</u> 0.00	32.04 <u>1.57</u> 0.00	32.19 <u>1.75</u> 0.00	33.70 <u>1.74</u> 0.00	33.80 <u>1.82</u> 0.00	31.83 <u>1.75</u> 0.00	28.74 <u>1.36</u> 0.00	30.09 <u>1.26</u> 0.00	25.00 <u>0.90</u> 0.00
GOWANUS_GT2_7 24120	18.11 <u>1.00</u> 0.00	18.18 <u>0.98</u> 0.00	18.18 <u>1.00</u> 0.00	17.44 <u>0.94</u> 0.00	18.20 <u>0.93</u> 0.00	18.91 <u>1.00</u> 0.00	21.24 <u>1.20</u> -0.01	27.60 <u>1.71</u> 0.00	26.22 <u>1.45</u> 0.00	24.62 <u>1.33</u> 0.00	30.81 <u>1.54</u> -1.72	30.20 <u>1.68</u> -0.04	28.68 <u>1.52</u> 0.00	32.14 <u>1.58</u> 0.00	34.75 <u>1.76</u> 0.00	32.13 <u>1.58</u> 0.00	32.04 <u>1.57</u> 0.00	32.19 <u>1.75</u> 0.00	33.70 <u>1.74</u> 0.00	33.80 <u>1.82</u> 0.00	31.83 <u>1.75</u> 0.00	28.74 <u>1.36</u> 0.00	30.09 <u>1.26</u> 0.00	25.00 <u>0.90</u> 0.00
GOWANUS_GT2_8 24121	18.11 <u>1.00</u> 0.00	18.18 <u>0.98</u> 0.00	18.18 <u>1.00</u> 0.00	17.44 <u>0.94</u> 0.00	18.20 <u>0.93</u> 0.00	18.91 <u>1.00</u> 0.00	21.24 <u>1.20</u> -0.01	27.60 <u>1.71</u> 0.00	26.22 <u>1.45</u> 0.00	24.62 <u>1.33</u> 0.00	30.81 <u>1.54</u> -1.72	30.20 <u>1.68</u> -0.04	28.68 <u>1.52</u> 0.00	32.14 <u>1.58</u> 0.00	34.75 <u>1.76</u> 0.00	32.13 <u>1.58</u> 0.00	32.04 <u>1.57</u> 0.00	32.19 <u>1.75</u> 0.00	33.70 <u>1.74</u> 0.00	33.80 <u>1.82</u> 0.00	31.83 <u>1.75</u> 0.00	28.74 <u>1.36</u> 0.00	30.09 <u>1.26</u> 0.00	25.00 <u>0.90</u> 0.00
GOWANUS_GT3_1 24122	18.11 <u>1.00</u> 0.00	18.18 <u>0.98</u> 0.00	18.18 <u>1.00</u> 0.00	17.44 <u>0.94</u> 0.00	18.20 <u>0.93</u> 0.00	18.91 <u>1.00</u> 0.00	21.24 <u>1.20</u> -0.01	27.60 <u>1.71</u> 0.00	26.22 <u>1.45</u> 0.00	24.62 <u>1.33</u> 0.00	30.81 <u>1.54</u> -1.72	30.20 <u>1.68</u> -0.04	28.68 <u>1.52</u> 0.00	32.14 <u>1.58</u> 0.00	34.75 <u>1.76</u> 0.00	32.13 <u>1.58</u> 0.00	32.04 <u>1.57</u> 0.00	32.19 <u>1.75</u> 0.00	33.70 <u>1.74</u> 0.00	33.80 <u>1.82</u> 0.00	31.83 <u>1.75</u> 0.00	28.74 <u>1.36</u> 0.00	30.09 <u>1.26</u> 0.00	25.00 <u>0.90</u> 0.00
GOWANUS_GT3_2 24123	18.11 <u>1.00</u> 0.00	18.18 <u>0.98</u> 0.00	18.18 <u>1.00</u> 0.00	17.44 <u>0.94</u> 0.00	18.20 <u>0.93</u> 0.00	18.91 <u>1.00</u> 0.00	21.24 <u>1.20</u> -0.01	27.60 <u>1.71</u> 0.00	26.22 <u>1.45</u> 0.00	24.62 <u>1.33</u> 0.00	30.81 <u>1.54</u> -1.72	30.20 <u>1.68</u> -0.04	28.68 <u>1.52</u> 0.00	32.14 <u>1.58</u> 0.00	34.75 <u>1.76</u> 0.00	32.13 <u>1.58</u> 0.00	32.04 <u>1.57</u> 0.00	32.19 <u>1.75</u> 0.00	33.70 <u>1.74</u> 0.00	33.80 <u>1.82</u> 0.00	31.83 <u>1.75</u> 0.00	28.74 <u>1.36</u> 0.00	30.09 <u>1.26</u> 0.00	25.00 <u>0.90</u> 0.00
GOWANUS_GT3_3 24124	18.11 <u>1.00</u> 0.00	18.18 <u>0.98</u> 0.00	18.18 <u>1.00</u> 0.00	17.44 <u>0.94</u> 0.00	18.20 <u>0.93</u> 0.00	18.91 <u>1.00</u> 0.00	21.24 <u>1.20</u> -0.01	27.60 <u>1.71</u> 0.00	26.22 <u>1.45</u> 0.00	24.62 <u>1.33</u> 0.00	30.81 <u>1.54</u> -1.72	30.20 <u>1.68</u> -0.04	28.68 <u>1.52</u> 0.00	32.14 <u>1.58</u> 0.00	34.75 <u>1.76</u> 0.00	32.13 <u>1.58</u> 0.00	32.04 <u>1.57</u> 0.00	32.19 <u>1.75</u> 0.00	33.70 <u>1.74</u> 0.00	33.80 <u>1.82</u> 0.00	31.83 <u>1.75</u> 0.00	28.74 <u>1.36</u> 0.00	30.09 <u>1.26</u> 0.00	25.00 <u>0.90</u> 0.00
GOWANUS_GT3_4 24125	18.11 <u>1.00</u> 0.00	18.18 <u>0.98</u> 0.00	18.18 <u>1.00</u> 0.00	17.44 <u>0.94</u> 0.00	18.20 <u>0.93</u> 0.00	18.91 <u>1.00</u> 0.00	21.24 <u>1.20</u> -0.01	27.60 <u>1.71</u> 0.00	26.22 <u>1.45</u> 0.00	24.62 <u>1.33</u> 0.00	30.81 <u>1.54</u> -1.72	30.20 <u>1.68</u> -0.04	28.68 <u>1.52</u> 0.00	32.14 <u>1.58</u> 0.00	34.75 <u>1.76</u> 0.00	32.13 <u>1.58</u> 0.00	32.04 <u>1.57</u> 0.00	32.19 <u>1.75</u> 0.00	33.70 <u>1.74</u> 0.00	33.80 <u>1.82</u> 0.00	31.83 <u>1.75</u> 0.00	28.74 <u>1.36</u> 0.00	30.09 <u>1.26</u> 0.00	25.00 <u>0.90</u> 0.00
GOWANUS_GT3_5 24126	18.11 <u>1.00</u> 0.00	18.18 <u>0.98</u> 0.00	18.18 <u>1.00</u> 0.00	17.44 <u>0.94</u> 0.00	18.20 <u>0.93</u> 0.00	18.91 <u>1.00</u> 0.00	21.24 <u>1.20</u> -0.01	27.60 <u>1.71</u> 0.00	26.22 <u>1.45</u> 0.00	24.62 <u>1.33</u> 0.00	30.81 <u>1.54</u> -1.72	30.20 <u>1.68</u> -0.04	28.68 <u>1.52</u> 0.00	32.14 <u>1.58</u> 0.00	34.75 <u>1.76</u> 0.00	32.13 <u>1.58</u> 0.00	32.04 <u>1.57</u> 0.00	32.19 <u>1.75</u> 0.00	33.70 <u>1.74</u> 0.00	33.80 <u>1.82</u> 0.00	31.83 <u>1.75</u> 0.00	28.74 <u>1.36</u> 0.00	30.09 <u>1.26</u> 0.00	25.00 <u>0.90</u> 0.00
GOWANUS_GT3_6 24127	18.11 <u>1.00</u> 0.00	18.18 <u>0.98</u> 0.00	18.18 <u>1.00</u> 0.00	17.44 <u>0.94</u> 0.00	18.20 <u>0.93</u> 0.00	18.91 <u>1.00</u> 0.00	21.24 <u>1.20</u> -0.01	27.60 <u>1.71</u> 0.00	26.22 <u>1.45</u> 0.00	24.62 <u>1.33</u> 0.00	30.81 <u>1.54</u> -1.72	30.20 <u>1.68</u> -0.04	28.68 <u>1.52</u> 0.00	32.14 <u>1.58</u> 0.00	34.75 <u>1.76</u> 0.00	32.13 <u>1.58</u> 0.00	32.04 <u>1.57</u> 0.00	32.19 <u>1.75</u> 0.00	33.70 <u>1.74</u> 0.00	33.80 <u>1.82</u> 0.00	31.83 <u>1.75</u> 0.00	28.74 <u>1.36</u> 0.00	30.09 <u>1.26</u> 0.00	25.00 <u>0.90</u> 0.00
GOWANUS_GT3_7 24128	18.11 <u>1.00</u> 0.00	18.18 <u>0.98</u> 0.00	18.18 <u>1.00</u> 0.00	17.44 <u>0.94</u> 0.00	18.20 <u>0.93</u> 0.00	18.91 <u>1.00</u> 0.00	21.24 <u>1.20</u> -0.01	27.60 <u>1.71</u> 0.00	26.22 <u>1.45</u> 0.00	24.62 <u>1.33</u> 0.00	30.81 <u>1.54</u> -1.72	30.20 <u>1.68</u> -0.04	28.68 <u>1.52</u> 0.00	32.14 <u>1.58</u> 0.00	34.75 <u>1.76</u> 0.00	32.13 <u>1.58</u> 0.00	32.04 <u>1.57</u> 0.00	32.19 <u>1.75</u> 0.00	33.70 <u>1.74</u> 0.00	33.80 <u>1.82</u> 0.00	31.83 <u>1.75</u> 0.00	28.74 <u>1.36</u> 0.00	30.09 <u>1.26</u> 0.00	25.00 <u>0.90</u> 0.00
GOWANUS_GT3_8 24129	18.11 <u>1.00</u> 0.00	18.18 <u>0.98</u> 0.00	18.18 <u>1.00</u> 0.00	17.44 <u>0.94</u> 0.00	18.20 <u>0.93</u> 0.00	18.91 <u>1.00</u> 0.00	21.24 <u>1.20</u> -0.01	27.60 <u>1.71</u> 0.00	26.22 <u>1.45</u> 0.00	24.62 <u>1.33</u> 0.00	30.81 <u>1.54</u> -1.72	30.20 <u>1.68</u> -0.04	28.68 <u>1.52</u> 0.00	32.14 <u>1.58</u> 0.00	34.75 <u>1.76</u> 0.00	32.13 <u>1.58</u> 0.00	32.04 <u>1.57</u> 0.00	32.19 <u>1.75</u> 0.00	33.70 <u>1.74</u> 0.00	33.80 <u>1.82</u> 0.00	31.83 <u>1.75</u> 0.00	28.74 <u>1.36</u> 0.00	30.09 <u>1.26</u> 0.00	25.00 <u>0.90</u> 0.00
GOWANUS_GT4_1 24130	18.11 <u>1.00</u> 0.00	18.18 <u>0.98</u> 0.00	18.18 <u>1.00</u> 0.00	17.45 <u>0.94</u> 0.00	18.20 <u>0.94</u> 0.00	18.91 <u>1.00</u> 0.00	21.25 <u>1.21</u> -0.01	27.60 <u>1.71</u> 0.00	26.22 <u>1.45</u> 0.00	24.62 <u>1.33</u> 0.00	30.81 <u>1.54</u> -1.72	30.20 <u>1.68</u> -0.04	28.68 <u>1.52</u> 0.00	32.14 <u>1.58</u> 0.00	34.75 <u>1.76</u> 0.00	32.13 <u>1.58</u> 0.00	32.04 <u>1.57</u> 0.00	32.19 <u>1.75</u> 0.00	33.70 <u>1.75</u> 0.00	33.80 <u>1.82</u> 0.00	31.83 <u>1.75</u> 0.00	28.74 <u>1.36</u> 0.00	30.09 <u>1.26</u> 0.00	25.00 <u>0.90</u> 0.00
GOWANUS_GT4_2 24131	18.11 <u>1.00</u> 0.00	18.18 <u>0.98</u> 0.00	18.18 <u>1.00</u> 0.00	17.45 <u>0.94</u> 0.00	18.20 <u>0.94</u> 0.00	18.91 <u>1.00</u> 0.00	21.25 <u>1.21</u> -0.01	27.60 <u>1.71</u> 0.00	26.22 <u>1.45</u> 0.00	24.62 <u>1.33</u> 0.00	30.81 <u>1.54</u> -1.72	30.20 <u>1.68</u> -0.04	28.68 <u>1.52</u> 0.00	32.14 <u>1.58</u> 0.00	34.75 <u>1.76</u> 0.00	32.13 <u>1.58</u> 0.00	32.04 <u>1.57</u> 0.00	32.19 <u>1.75</u> 0.00	33.70 <u>1.75</u> 0.00	33.80 <u>1.82</u> 0.00	31.83 <u>1.75</u> 0.00	28.74 <u>1.36</u> 0.00	30.09 <u>1.26</u> 0.00	25.00 <u>0.90</u> 0.00

GOWANUS_GT4_3 24132	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.45 0.94 0.00	18.20 0.94 0.00	18.91 1.00 0.00	21.25 1.21 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.75 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
GOWANUS_GT4_4 24133	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.45 0.94 0.00	18.20 0.94 0.00	18.91 1.00 0.00	21.25 1.21 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.75 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
GOWANUS_GT4_5 24134	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.45 0.94 0.00	18.20 0.94 0.00	18.91 1.00 0.00	21.25 1.21 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.75 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
GOWANUS_GT4_6 24135	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.45 0.94 0.00	18.20 0.94 0.00	18.91 1.00 0.00	21.25 1.21 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.75 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
GOWANUS_GT4_7 24136	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.45 0.94 0.00	18.20 0.94 0.00	18.91 1.00 0.00	21.25 1.21 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.75 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
GOWANUS_GT4_8 24137	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.45 0.94 0.00	18.20 0.94 0.00	18.91 1.00 0.00	21.25 1.21 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.75 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
GREENBSH_115KV_TB3 55895	17.34 0.23 0.00	17.44 0.24 0.00	17.43 0.26 0.00	16.75 0.25 0.00	17.50 0.24 0.00	18.13 0.21 0.00	20.27 0.23 0.00	26.29 0.40 0.00	25.02 0.24 0.00	23.52 0.22 0.00	28.12 0.21 -0.35	28.72 0.22 -0.01	27.35 0.19 0.00	30.71 0.15 0.00	33.19 0.20 0.00	30.72 0.17 0.00	30.61 0.14 0.00	30.66 0.22 0.00	32.23 0.28 0.00	32.32 0.35 0.00	30.34 0.26 0.00	27.46 0.08 0.00	28.78 -0.05 0.00	23.99 -0.11 0.00
GREENIDGE_115KV_TB5 80291	16.91 -0.20 0.00	16.94 -0.26 0.00	16.88 -0.30 0.00	16.26 -0.24 0.00	17.08 -0.18 0.00	17.74 -0.17 0.00	19.94 -0.09 0.00	26.19 0.31 0.00	24.76 -0.02 0.00	23.24 -0.05 0.00	27.43 -0.12 0.00	28.35 -0.13 0.00	26.93 -0.23 0.00	30.15 -0.41 0.00	32.35 -0.64 0.00	30.23 -0.32 0.00	30.18 -0.29 0.00	30.48 0.03 0.00	31.81 -0.15 0.00	31.84 -0.13 0.00	30.16 0.08 0.00	27.56 0.17 0.00	29.03 0.20 0.00	24.17 0.07 0.00
GREENIDGE___3 23582	16.91 -0.20 0.00	16.94 -0.26 0.00	16.88 -0.30 0.00	16.26 -0.24 0.00	17.08 -0.18 0.00	17.74 -0.17 0.00	19.94 -0.09 0.00	26.19 0.31 0.00	24.76 -0.02 0.00	23.24 -0.05 0.00	27.43 -0.12 0.00	28.35 -0.13 0.00	26.93 -0.23 0.00	30.15 -0.41 0.00	32.35 -0.64 0.00	30.23 -0.32 0.00	30.18 -0.29 0.00	30.48 0.03 0.00	31.81 -0.15 0.00	31.84 -0.13 0.00	30.16 0.08 0.00	27.56 0.17 0.00	29.03 0.20 0.00	24.17 0.07 0.00
GREENIDGE___4 23583	16.91 -0.20 0.00	16.94 -0.26 0.00	16.88 -0.30 0.00	16.26 -0.24 0.00	17.09 -0.17 0.00	17.74 -0.17 0.00	19.95 -0.09 0.00	26.19 0.31 0.00	24.76 -0.02 0.00	23.24 -0.05 0.00	27.43 -0.12 0.00	28.35 -0.13 0.00	26.93 -0.23 0.00	30.15 -0.41 0.00	32.35 -0.64 0.00	30.24 -0.31 0.00	30.18 -0.29 0.00	30.48 0.03 0.00	31.81 -0.14 0.00	31.84 -0.13 0.00	30.16 0.08 0.00	27.56 0.18 0.00	29.03 0.20 0.00	24.17 0.07 0.00
GREENLWN_69_KV_BK 3 55738	17.95 0.84 0.00	18.03 0.83 0.00	17.98 0.80 0.00	17.15 0.64 0.00	17.81 0.55 0.00	18.42 0.51 0.00	20.70 0.67 0.00	26.95 1.06 0.00	25.51 0.74 0.00	23.98 0.69 0.00	30.34 1.07 -1.71	29.73 1.21 -0.04	28.25 1.09 0.00	31.51 0.95 0.00	34.60 1.61 0.00	32.09 1.54 0.00	31.61 1.14 0.00	31.58 1.14 0.00	33.05 1.10 0.00	33.18 1.21 0.00	31.20 1.12 0.00	28.18 0.80 0.00	29.46 0.63 0.00	24.56 0.46 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.45 0.94 0.00	18.20 0.94 0.00	18.91 1.00 0.00	21.25 1.21 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.75 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
GRISSOM___SOLAR 323813	18.85 1.74 0.00	18.84 1.64 0.00	18.75 1.57 0.00	18.02 1.52 0.00	18.95 1.69 0.00	19.85 1.94 0.00	22.44 2.41 0.00	29.40 3.51 0.00	28.06 3.29 0.00	26.32 3.03 0.00	31.04 3.49 0.00	31.84 3.36 0.00	30.43 3.27 0.00	34.36 3.80 0.00	37.16 4.17 0.00	34.25 3.69 0.00	34.32 3.85 0.00	34.83 4.38 0.00	36.63 4.68 0.00	36.52 4.55 0.00	34.43 4.35 0.00	31.23 3.85 0.00	32.74 3.91 0.00	27.28 3.19 0.00
GROVEVILLE___HYD 323602	18.10 0.99 0.00	18.17 0.97 0.00	18.15 0.97 0.00	17.42 0.92 0.00	18.20 0.94 0.00	18.91 1.01 0.00	21.26 1.23 0.00	27.68 1.80 0.00	26.38 1.60 0.00	24.68 1.39 0.00	29.16 1.60 0.00	30.17 1.69 0.00	28.69 1.54 0.00	32.20 1.64 0.00	34.80 1.81 0.00	32.19 1.64 0.00	32.09 1.62 0.00	32.27 1.83 0.00	33.87 1.92 0.00	33.97 2.00 0.00	31.94 1.86 0.00	28.86 1.48 0.00	30.22 1.39 0.00	25.11 1.01 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	16.93 -0.18 0.00	17.00 -0.20 0.00	16.95 -0.23 0.00	16.29 -0.21 0.00	17.07 -0.19 0.00	17.74 -0.17 0.00	19.86 -0.17 0.00	25.82 -0.07 0.00	24.58 -0.20 0.00	23.10 -0.19 0.00	27.33 -0.22 0.00	28.24 -0.24 0.00	26.90 -0.26 0.00	30.26 -0.30 0.00	32.59 -0.40 0.00	30.24 -0.32 0.00	30.25 -0.21 0.00	30.43 -0.01 0.00	31.90 -0.05 0.00	31.91 -0.06 0.00	30.05 -0.03 0.00	27.30 -0.08 0.00	28.73 -0.10 0.00	23.98 -0.12 0.00

HAMLTNNY_34_KV_TB 80303	16.96 -0.15 0.00	17.03 -0.17 0.00	16.97 -0.21 0.00	16.31 -0.19 0.00	17.09 -0.17 0.00	17.76 -0.15 0.00	19.87 -0.16 0.00	25.85 -0.04 0.00	24.60 -0.18 0.00	23.12 -0.17 0.00	27.34 -0.21 0.00	28.24 -0.24 0.00	26.90 -0.25 0.00	30.26 -0.30 0.00	32.58 -0.41 0.00	30.23 -0.33 0.00	30.25 -0.22 0.00	30.46 0.02 0.00	31.91 -0.04 0.00	31.92 -0.05 0.00	30.09 0.01 0.00	27.33 -0.05 0.00	28.80 -0.03 0.00	24.03 -0.07 0.00
HAMPSHIRE___PAPER_HYD 323593	16.04 -1.07 0.00	16.33 -0.87 0.00	16.40 -0.77 0.00	15.76 -0.74 0.00	16.55 -0.71 0.00	17.24 -0.67 0.00	19.29 -0.74 0.00	24.96 -0.93 0.00	23.98 -0.80 0.00	22.44 -0.85 0.00	26.55 -1.01 0.00	27.42 -1.06 0.00	26.31 -0.85 0.00	29.85 -0.71 0.00	32.36 -0.63 0.00	29.99 -0.56 0.00	30.02 -0.45 0.00	29.99 -0.45 0.00	31.59 -0.36 0.00	31.56 -0.41 0.00	29.65 -0.43 0.00	26.92 -0.47 0.00	28.20 -0.62 0.00	23.73 -0.37 0.00
HARDSCRABBLE_WT_PWR 323673	16.71 -0.40 0.00	16.83 -0.37 0.00	16.78 -0.40 0.00	16.13 -0.38 0.00	16.88 -0.38 0.00	17.59 -0.32 0.00	19.77 -0.27 0.00	25.64 -0.24 0.00	24.37 -0.41 0.00	22.90 -0.40 0.00	27.06 -0.49 0.00	27.95 -0.53 0.00	26.63 -0.53 0.00	29.99 -0.57 0.00	32.38 -0.62 0.00	29.93 -0.62 0.00	29.88 -0.59 0.00	30.26 -0.19 0.00	31.75 -0.20 0.00	31.77 -0.20 0.00	30.01 -0.07 0.00	27.23 -0.15 0.00	28.50 -0.33 0.00	23.67 -0.42 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	17.84 0.73 0.00	17.90 0.70 0.00	17.88 0.70 0.00	17.16 0.66 0.00	17.92 0.66 0.00	18.62 0.72 0.00	20.91 0.87 0.00	27.19 1.30 0.00	25.80 1.02 0.00	24.22 0.93 0.00	26.47 1.08 2.17	29.58 1.16 0.05	28.22 1.06 0.00	31.66 1.10 0.00	34.22 1.22 0.00	31.65 1.10 0.00	31.56 1.09 0.00	31.74 1.29 0.00	33.29 1.34 0.00	33.38 1.41 0.00	31.39 1.31 0.00	28.38 1.00 0.00	29.79 0.96 0.00	24.76 0.66 0.00
HARSNRAD_115KV_TB1 81005	16.29 -0.82 0.00	16.33 -0.87 0.00	16.18 -0.99 0.00	15.58 -0.92 0.00	16.36 -0.90 0.00	16.98 -0.93 0.00	18.99 -1.05 0.00	24.78 -1.11 0.00	23.43 -1.34 0.00	22.19 -1.10 0.00	26.24 -1.32 0.00	27.05 -1.42 0.00	25.76 -1.40 0.00	29.01 -1.55 0.00	31.07 -1.92 0.00	28.91 -1.64 0.00	29.07 -1.40 0.00	29.37 -1.08 0.00	30.62 -1.33 0.00	30.51 -1.46 0.00	29.04 -1.04 0.00	26.41 -0.97 0.00	27.99 -0.84 0.00	23.69 -0.41 0.00
HARZA MOOSE___RIVER 24016	16.70 -0.41 0.00	16.80 -0.40 0.00	16.78 -0.40 0.00	16.14 -0.37 0.00	16.98 -0.28 0.00	17.69 -0.21 0.00	19.85 -0.18 0.00	25.77 -0.12 0.00	24.63 -0.15 0.00	23.06 -0.23 0.00	27.27 -0.28 0.00	28.23 -0.25 0.00	27.09 -0.07 0.00	30.73 0.17 0.00	33.29 0.29 0.00	30.90 0.34 0.00	30.89 0.42 0.00	30.97 0.53 0.00	32.57 0.62 0.00	32.60 0.62 0.00	30.63 0.55 0.00	27.73 0.35 0.00	29.00 0.18 0.00	24.29 0.19 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	16.83 -0.28 0.00	16.89 -0.31 0.00	16.84 -0.34 0.00	16.19 -0.31 0.00	16.97 -0.30 0.00	17.63 -0.28 0.00	19.73 -0.31 0.00	25.62 -0.27 0.00	24.41 -0.36 0.00	22.95 -0.34 0.00	27.16 -0.40 0.00	28.06 -0.42 0.00	26.73 -0.43 0.00	30.07 -0.48 0.00	32.35 -0.64 0.00	30.04 -0.51 0.00	30.05 -0.42 0.00	30.22 -0.22 0.00	31.67 -0.29 0.00	31.68 -0.29 0.00	29.84 -0.24 0.00	27.11 -0.27 0.00	28.52 -0.31 0.00	23.80 -0.30 0.00
HELLGATE_13_KV_LD 55870	18.03 0.92 0.00	18.11 0.91 0.00	18.10 0.92 0.00	17.37 0.87 0.00	18.12 0.86 0.00	18.82 0.91 0.00	21.15 1.11 -0.01	27.51 1.62 0.00	26.15 1.38 0.00	24.56 1.27 0.00	30.75 1.47 -1.72	30.14 1.61 -0.04	28.62 1.46 0.00	32.08 1.52 0.00	34.66 1.67 0.00	32.05 1.50 0.00	31.95 1.48 0.00	32.10 1.66 0.00	33.61 1.66 0.00	33.68 1.71 0.00	31.69 1.62 0.00	28.63 1.25 0.00	29.97 1.14 0.00	24.91 0.81 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.03 0.92 0.00	18.11 0.91 0.00	18.10 0.92 0.00	17.37 0.87 0.00	18.12 0.86 0.00	18.82 0.91 0.00	21.15 1.11 -0.01	27.51 1.62 0.00	26.15 1.38 0.00	24.56 1.27 0.00	30.75 1.47 -1.72	30.14 1.61 -0.04	28.62 1.46 0.00	32.08 1.52 0.00	34.66 1.67 0.00	32.05 1.50 0.00	31.95 1.48 0.00	32.10 1.66 0.00	33.61 1.66 0.00	33.68 1.71 0.00	31.69 1.62 0.00	28.63 1.25 0.00	29.97 1.14 0.00	24.91 0.81 0.00
HEMPSTEAD____ 23647	17.98 0.87 0.00	18.05 0.85 0.00	17.99 0.81 0.00	17.20 0.70 0.00	17.91 0.65 0.00	18.57 0.66 0.00	20.90 0.86 0.00	27.21 1.32 0.00	25.79 1.01 0.00	24.23 0.94 0.00	30.56 1.29 -1.71	29.97 1.44 -0.05	28.45 1.29 0.00	31.77 1.21 0.00	34.64 1.64 0.00	32.06 1.51 0.00	31.77 1.29 0.00	31.86 1.42 0.00	33.37 1.42 0.00	33.50 1.53 0.00	31.49 1.41 0.00	28.45 1.07 0.00	29.73 0.90 0.00	24.72 0.62 0.00
HEWLETT_69_KV_BK3 55828	18.14 1.03 0.00	18.22 1.02 0.00	18.15 0.97 0.00	17.35 0.85 0.00	18.07 0.81 0.00	18.74 0.83 0.00	21.06 1.03 0.00	27.40 1.52 0.00	25.97 1.20 0.00	24.41 1.12 0.00	30.76 1.49 -1.71	30.22 1.68 -0.06	28.67 1.49 -0.02	31.97 1.42 0.00	34.90 1.90 0.00	32.35 1.79 0.00	32.03 1.56 0.00	32.14 1.69 0.00	33.68 1.72 0.00	33.71 1.73 0.00	31.62 1.54 0.00	28.74 1.36 0.00	30.03 1.20 0.00	24.97 0.87 0.00
HICKLING___1 23621	16.95 -0.16 0.00	16.96 -0.24 0.00	16.92 -0.26 0.00	16.31 -0.19 0.00	17.15 -0.11 0.00	17.75 -0.15 0.00	19.94 -0.10 0.00	26.29 0.41 0.00	24.78 0.00 0.00	23.27 -0.01 0.00	27.49 -0.06 0.00	28.38 -0.10 0.00	26.85 -0.30 0.00	30.33 -0.22 0.00	32.52 -0.47 0.00	30.23 -0.32 0.00	30.00 -0.47 0.00	30.58 0.13 0.00	31.93 -0.03 0.00	31.94 -0.03 0.00	30.23 0.15 0.00	27.61 0.23 0.00	29.15 0.32 0.00	24.13 0.03 0.00
HICKLING___2 23622	16.95 -0.16 0.00	16.96 -0.24 0.00	16.92 -0.26 0.00	16.31 -0.19 0.00	17.15 -0.11 0.00	17.75 -0.15 0.00	19.94 -0.10 0.00	26.29 0.41 0.00	24.78 0.00 0.00	23.27 -0.01 0.00	27.49 -0.06 0.00	28.38 -0.10 0.00	26.85 -0.30 0.00	30.33 -0.22 0.00	32.52 -0.47 0.00	30.23 -0.32 0.00	30.00 -0.47 0.00	30.58 0.13 0.00	31.93 -0.03 0.00	31.94 -0.03 0.00	30.23 0.15 0.00	27.61 0.23 0.00	29.15 0.32 0.00	24.13 0.03 0.00
HIGH FALLS___HY 23754	18.02 0.90 0.00	18.08 0.88 0.00	18.05 0.87 0.00	17.32 0.82 0.00	18.09 0.83 0.00	18.81 0.90 0.00	21.16 1.12 0.00	27.62 1.73 0.00	26.25 1.47 0.00	24.66 1.37 0.00	29.19 1.63 0.00	30.33 1.85 0.00	29.03 1.87 0.00	32.63 2.07 0.00	35.23 2.24 0.00	32.42 1.87 0.00	32.30 1.83 0.00	32.46 2.02 0.00	34.04 2.09 0.00	33.89 1.92 0.00	31.89 1.81 0.00	28.82 1.44 0.00	30.19 1.36 0.00	25.06 0.96 0.00
HILLBURN___GT 23639	17.84 0.72 0.00	17.90 0.70 0.00	17.88 0.70 0.00	17.16 0.66 0.00	17.92 0.66 0.00	18.61 0.70 0.00	20.89 0.86 0.00	27.17 1.29 0.00	25.76 0.98 0.00	24.17 0.88 0.00	26.05 1.00 2.50	29.50 1.08 0.06	28.15 0.99 0.00	31.56 1.01 0.00	34.13 1.14 0.00	31.57 1.02 0.00	31.47 1.00 0.00	31.64 1.20 0.00	33.18 1.22 0.00	33.28 1.31 0.00	31.29 1.21 0.00	28.30 0.91 0.00	29.72 0.89 0.00	24.70 0.60 0.00

HILLSIDE_115KV_TB1 80332	16.88 -0.23 0.00	16.90 -0.31 0.00	16.85 -0.33 0.00	16.24 -0.26 0.00	17.05 -0.21 0.00	17.65 -0.26 0.00	19.77 -0.26 0.00	26.05 0.16 0.00	24.53 -0.24 0.00	23.02 -0.27 0.00	27.22 -0.34 0.00	28.10 -0.38 0.00	26.61 -0.55 0.00	30.04 -0.52 0.00	32.24 -0.75 0.00	29.95 -0.60 0.00	29.67 -0.80 0.00	30.26 -0.18 0.00	31.58 -0.37 0.00	31.58 -0.39 0.00	29.84 -0.23 0.00	27.25 -0.13 0.00	28.80 -0.03 0.00	23.83 -0.26 0.00
HISHELDN_WT_PWR 323625	16.38 -0.73 0.00	16.41 -0.79 0.00	16.31 -0.87 0.00	15.69 -0.81 0.00	16.51 -0.75 0.00	17.15 -0.76 0.00	19.24 -0.79 0.00	25.31 -0.58 0.00	23.96 -0.82 0.00	22.61 -0.68 0.00	26.65 -0.91 0.00	27.48 -1.00 0.00	26.04 -1.12 0.00	29.40 -1.15 0.00	31.48 -1.52 0.00	29.26 -1.29 0.00	29.27 -1.20 0.00	29.67 -0.77 0.00	30.98 -0.97 0.00	30.96 -1.01 0.00	29.53 -0.55 0.00	26.95 -0.43 0.00	28.50 -0.33 0.00	23.91 -0.19 0.00
HOLTSVILLE_IC_1 23690	18.14 1.03 0.00	18.22 1.02 0.00	18.17 0.99 0.00	17.32 0.82 0.00	17.98 0.72 0.00	18.60 0.69 0.00	21.03 0.99 0.00	27.36 1.48 0.00	25.84 1.07 0.00	24.27 0.98 -1.71	30.69 1.42 -0.04	30.10 1.58 0.00	28.57 1.41 0.00	31.87 1.31 0.00	34.83 1.84 0.00	32.26 1.70 0.00	31.91 1.44 0.00	31.96 1.52 0.00	33.49 1.53 0.00	33.62 1.65 0.00	31.60 1.52 0.00	28.54 1.16 0.00	29.78 0.96 0.00	24.74 0.65 0.00
HOLTSVILLE_IC_10 23699	18.19 1.08 0.00	18.27 1.07 0.00	18.23 1.05 0.00	17.36 0.86 0.00	18.04 0.78 0.00	18.66 0.75 0.00	21.11 1.08 0.00	27.49 1.60 0.00	25.96 1.18 0.00	24.37 1.08 -1.71	30.83 1.56 -0.04	30.24 1.72 0.00	28.71 1.55 0.00	32.01 1.46 0.00	35.01 2.01 0.00	32.42 1.87 0.00	32.05 1.59 0.00	32.11 1.67 0.00	33.62 1.67 0.00	33.78 1.81 0.00	31.75 1.67 0.00	28.67 1.29 0.00	29.92 1.10 0.00	24.84 0.74 0.00
HOLTSVILLE_IC_2 23691	18.14 1.03 0.00	18.22 1.02 0.00	18.17 0.99 0.00	17.32 0.82 0.00	17.98 0.72 0.00	18.60 0.69 0.00	21.03 0.99 0.00	27.36 1.48 0.00	25.84 1.07 0.00	24.27 0.98 0.00	30.69 1.42 -1.71	30.10 1.58 -0.04	28.57 1.41 0.00	31.87 1.31 0.00	34.83 1.84 0.00	32.26 1.70 0.00	31.91 1.44 0.00	31.96 1.52 0.00	33.49 1.53 0.00	33.62 1.65 0.00	31.60 1.52 0.00	28.54 1.16 0.00	29.78 0.96 0.00	24.74 0.65 0.00
HOLTSVILLE_IC_3 23692	18.14 1.03 0.00	18.22 1.02 0.00	18.17 0.99 0.00	17.32 0.82 0.00	17.98 0.72 0.00	18.60 0.69 0.00	21.03 0.99 0.00	27.36 1.48 0.00	25.84 1.07 0.00	24.27 0.98 -1.71	30.69 1.42 -0.04	30.10 1.58 0.00	28.57 1.41 0.00	31.87 1.31 0.00	34.83 1.84 0.00	32.26 1.70 0.00	31.91 1.44 0.00	31.96 1.52 0.00	33.49 1.53 0.00	33.62 1.65 0.00	31.60 1.52 0.00	28.54 1.16 0.00	29.78 0.96 0.00	24.74 0.65 0.00
HOLTSVILLE_IC_4 23693	18.14 1.03 0.00	18.22 1.02 0.00	18.17 0.99 0.00	17.32 0.82 0.00	17.98 0.72 0.00	18.60 0.69 0.00	21.03 0.99 0.00	27.36 1.48 0.00	25.84 1.07 0.00	24.27 0.98 -1.71	30.69 1.42 -0.04	30.10 1.58 0.00	28.57 1.41 0.00	31.87 1.31 0.00	34.83 1.84 0.00	32.26 1.70 0.00	31.91 1.44 0.00	31.96 1.52 0.00	33.49 1.53 0.00	33.62 1.65 0.00	31.60 1.52 0.00	28.54 1.16 0.00	29.78 0.96 0.00	24.74 0.65 0.00
HOLTSVILLE_IC_5 23694	18.14 1.03 0.00	18.22 1.02 0.00	18.17 0.99 0.00	17.32 0.82 0.00	17.98 0.72 0.00	18.60 0.69 0.00	21.03 0.99 0.00	27.36 1.48 0.00	25.84 1.07 0.00	24.27 0.98 -1.71	30.69 1.42 -0.04	30.10 1.58 0.00	28.57 1.41 0.00	31.87 1.31 0.00	34.83 1.84 0.00	32.26 1.70 0.00	31.91 1.44 0.00	31.96 1.52 0.00	33.49 1.53 0.00	33.62 1.65 0.00	31.60 1.52 0.00	28.54 1.16 0.00	29.78 0.96 0.00	24.74 0.65 0.00
HOLTSVILLE_IC_6 23695	18.19 1.08 0.00	18.27 1.07 0.00	18.23 1.05 0.00	17.36 0.86 0.00	18.04 0.78 0.00	18.66 0.75 0.00	21.11 1.08 0.00	27.49 1.60 0.00	25.96 1.18 0.00	24.37 1.08 -1.71	30.83 1.56 -0.04	30.24 1.72 0.00	28.71 1.55 0.00	32.01 1.46 0.00	35.01 2.01 0.00	32.42 1.87 0.00	32.05 1.59 0.00	32.11 1.67 0.00	33.62 1.67 0.00	33.78 1.81 0.00	31.75 1.67 0.00	28.67 1.29 0.00	29.92 1.10 0.00	24.84 0.74 0.00
HOLTSVILLE_IC_7 23696	18.19 1.08 0.00	18.27 1.07 0.00	18.23 1.05 0.00	17.36 0.86 0.00	18.04 0.78 0.00	18.66 0.75 0.00	21.11 1.08 0.00	27.49 1.60 0.00	25.96 1.18 0.00	24.37 1.08 -1.71	30.83 1.56 -0.04	30.24 1.72 0.00	28.71 1.55 0.00	32.01 1.46 0.00	35.01 2.01 0.00	32.42 1.87 0.00	32.05 1.59 0.00	32.11 1.67 0.00	33.62 1.67 0.00	33.78 1.81 0.00	31.75 1.67 0.00	28.67 1.29 0.00	29.92 1.10 0.00	24.84 0.74 0.00
HOLTSVILLE_IC_8 23697	18.19 1.08 0.00	18.27 1.07 0.00	18.23 1.05 0.00	17.36 0.86 0.00	18.04 0.78 0.00	18.66 0.75 0.00	21.11 1.08 0.00	27.49 1.60 0.00	25.96 1.18 0.00	24.37 1.08 -1.71	30.83 1.56 -0.04	30.24 1.72 0.00	28.71 1.55 0.00	32.01 1.46 0.00	35.01 2.01 0.00	32.42 1.87 0.00	32.05 1.59 0.00	32.11 1.67 0.00	33.62 1.67 0.00	33.78 1.81 0.00	31.75 1.67 0.00	28.67 1.29 0.00	29.92 1.10 0.00	24.84 0.74 0.00
HOLTSVILLE_IC_9 23698	18.19 1.08 0.00	18.27 1.07 0.00	18.23 1.05 0.00	17.36 0.86 0.00	18.04 0.78 0.00	18.66 0.75 0.00	21.11 1.08 0.00	27.49 1.60 0.00	25.96 1.18 0.00	24.37 1.08 -1.71	30.83 1.56 -0.04	30.24 1.72 0.00	28.71 1.55 0.00	32.01 1.46 0.00	35.01 2.01 0.00	32.42 1.87 0.00	32.05 1.59 0.00	32.11 1.67 0.00	33.62 1.67 0.00	33.78 1.81 0.00	31.75 1.67 0.00	28.67 1.29 0.00	29.92 1.10 0.00	24.84 0.74 0.00
HOMER_HL_115KV_TB2 355744	17.17 0.05 0.00	17.18 -0.01 0.00	17.10 -0.08 0.00	16.48 -0.02 0.00	17.33 0.06 0.00	17.96 0.05 0.00	20.04 0.01 0.00	26.45 0.56 0.00	24.88 0.11 0.00	23.30 0.00 0.00	27.46 -0.09 0.00	28.38 -0.10 0.00	26.92 -0.24 0.00	30.30 -0.26 0.00	32.41 -0.58 0.00	30.13 -0.42 0.00	30.00 -0.47 0.00	30.47 0.03 0.00	31.81 -0.14 0.00	31.79 -0.18 0.00	30.22 0.14 0.00	27.50 0.11 0.00	29.18 0.35 0.00	24.45 0.35 0.00
HOWARD_WT_PWR 323690	16.38 -0.73 0.00	16.33 -0.87 0.00	16.31 -0.87 0.00	15.81 -0.70 0.00	16.68 -0.58 0.00	17.33 -0.58 0.00	19.60 -0.43 0.00	26.02 0.13 0.00	24.59 -0.18 0.00	23.19 -0.10 0.00	27.21 -0.35 0.00	27.85 -0.63 0.00	26.30 -0.85 0.00	29.83 -0.73 0.00	32.08 -0.92 0.00	29.79 -0.77 0.00	29.61 -0.86 0.00	30.20 -0.24 0.00	31.75 -0.20 0.00	31.79 -0.19 0.00	30.36 0.28 0.00	27.79 0.41 0.00	29.27 0.45 0.00	24.09 -0.01 0.00
HQ_GEN_CEDARS 23644	17.09 -0.02 0.00	17.13 -0.07 0.00	17.15 -0.03 0.00	16.45 -0.05 0.00	17.20 -0.06 0.00	17.84 -0.06 0.00	19.91 -0.13 0.00	25.60 -0.29 0.00	24.72 -0.05 0.00	23.21 -0.08 0.00	27.50 -0.06 0.00	28.38 -0.10 0.00	27.15 0.00 0.00	30.66 0.10 0.00	33.14 0.14 0.00	30.66 0.11 0.00	30.60 0.13 0.00	30.40 -0.05 0.00	31.98 0.03 0.00	31.90 -0.07 0.00	30.00 -0.08 0.00	27.42 0.04 0.00	28.93 0.10 0.00	24.36 0.27 0.00

HQ_GEN_CEDARS_PROXY 323590	17.09 -0.02 0.00	17.13 -0.07 0.00	17.15 -0.03 0.00	16.45 -0.05 0.00	17.20 -0.06 0.00	17.84 -0.06 0.00	19.91 -0.13 0.00	25.60 -0.29 0.00	24.72 -0.05 0.00	23.21 -0.08 0.00	27.50 -0.06 0.00	28.38 -0.10 0.00	27.15 0.00 0.00	30.66 0.10 0.00	33.14 0.14 0.00	30.66 0.11 0.00	30.60 0.13 0.00	30.40 -0.05 0.00	31.98 0.03 0.00	31.90 -0.07 0.00	30.00 -0.08 0.00	27.57 0.04 -0.14	28.93 0.10 0.00	24.36 0.27 0.00
HQ_GEN_IMPORT 323601	17.09 -0.02 0.00	17.18 -0.02 0.00	17.17 0.00 0.00	16.49 -0.01 0.00	17.24 -0.02 0.00	17.88 -0.04 0.00	19.97 -0.07 0.00	25.65 -0.24 0.00	24.75 -0.03 0.00	23.26 -0.03 0.00	27.53 -0.03 0.00	28.44 -0.04 0.00	27.81 0.01 -0.64	30.61 0.05 0.00	33.06 0.07 0.00	30.60 0.05 0.00	30.51 0.04 0.00	30.29 -0.16 0.00	31.82 -0.13 0.00	31.79 -0.18 0.00	29.91 -0.17 0.00	27.36 -0.02 0.00	28.88 0.06 0.00	24.24 0.14 0.00
HQ_GEN_WHEEL 23651	17.09 -0.02 0.00	17.18 -0.02 0.00	17.17 0.00 0.00	16.49 -0.01 0.00	17.24 -0.02 0.00	17.88 -0.04 0.00	19.97 -0.07 0.00	25.65 -0.24 0.00	24.75 -0.03 0.00	23.26 -0.03 0.00	27.53 -0.03 0.00	28.44 -0.04 0.00	27.81 0.01 -0.64	30.61 0.05 0.00	33.06 0.07 0.00	30.60 0.05 0.00	30.51 0.04 0.00	30.29 -0.16 0.00	31.82 -0.13 0.00	31.79 -0.18 0.00	29.91 -0.17 0.00	27.36 -0.02 0.00	28.88 0.06 0.00	24.24 0.14 0.00
HUDSON_AVE_GT_3 23810	18.03 0.92 0.00	18.10 0.90 0.00	18.08 0.90 0.00	17.35 0.85 0.00	18.10 0.84 0.00	18.80 0.90 0.00	21.12 1.09 0.00	27.51 1.62 0.00	26.15 1.37 0.00	24.57 1.28 0.00	30.77 1.49 -1.73	30.15 1.62 -0.04	28.63 1.47 0.00	32.09 1.53 0.00	34.67 1.67 0.00	32.07 1.52 0.00	31.95 1.48 0.00	32.10 1.66 0.00	33.63 1.68 0.00	33.70 1.73 0.00	31.70 1.62 0.00	28.63 1.25 0.00	29.97 1.14 0.00	24.93 0.83 0.00
HUDSON_AVE_GT_4 23540	18.03 0.92 0.00	18.10 0.90 0.00	18.08 0.90 0.00	17.35 0.85 0.00	18.10 0.84 0.00	18.80 0.90 0.00	21.12 1.09 0.00	27.51 1.62 0.00	26.15 1.37 0.00	24.57 1.28 0.00	30.77 1.49 -1.73	30.15 1.62 -0.04	28.63 1.47 0.00	32.09 1.53 0.00	34.67 1.67 0.00	32.07 1.52 0.00	31.95 1.48 0.00	32.10 1.66 0.00	33.63 1.68 0.00	33.70 1.73 0.00	31.70 1.62 0.00	28.63 1.25 0.00	29.97 1.14 0.00	24.93 0.83 0.00
HUDSON_AVE_GT_5 23657	18.03 0.92 0.00	18.10 0.90 0.00	18.08 0.90 0.00	17.35 0.85 0.00	18.10 0.84 0.00	18.80 0.90 0.00	21.12 1.09 0.00	27.51 1.62 0.00	26.15 1.37 0.00	24.57 1.28 0.00	30.77 1.49 -1.73	30.15 1.62 -0.04	28.63 1.47 0.00	32.09 1.53 0.00	34.67 1.67 0.00	32.07 1.52 0.00	31.95 1.48 0.00	32.10 1.66 0.00	33.63 1.68 0.00	33.70 1.73 0.00	31.70 1.62 0.00	28.63 1.25 0.00	29.97 1.14 0.00	24.93 0.83 0.00
HUDSON_AVE_10 24168	17.98 0.87 0.00	18.05 0.85 0.00	18.04 0.87 0.00	17.31 0.81 0.00	18.06 0.80 0.00	18.77 0.86 0.00	21.07 1.04 0.00	27.39 1.51 0.01	26.04 1.26 0.00	24.47 1.18 0.00	30.65 1.38 -1.72	30.01 1.49 -0.03	28.51 1.36 0.01	31.96 1.40 0.00	34.52 1.53 0.00	31.92 1.38 0.01	31.81 1.35 0.01	31.96 1.52 0.01	33.49 1.54 0.00	33.56 1.59 0.00	31.56 1.48 0.00	28.50 1.12 0.00	29.83 1.01 0.01	24.82 0.72 0.00
HUDSON___115KV_TB 4 355613	17.64 0.53 0.00	17.75 0.55 0.00	17.73 0.55 0.00	17.04 0.54 0.00	17.82 0.56 0.00	18.48 0.57 0.00	20.71 0.68 0.00	26.91 1.02 0.00	25.65 0.88 0.00	24.10 0.81 0.00	28.39 0.83 0.00	29.35 0.87 0.00	27.94 0.79 0.00	31.38 0.82 0.00	33.94 0.95 0.00	31.43 0.87 0.00	31.32 0.85 0.00	31.40 0.96 0.00	33.07 1.12 0.00	33.20 1.23 0.00	31.16 1.08 0.00	28.18 0.79 0.00	29.47 0.64 0.00	24.54 0.44 0.00
HUNTER MOUNT___DRP 323613	17.73 0.62 0.00	17.84 0.64 0.00	17.83 0.65 0.00	17.13 0.63 0.00	17.93 0.67 0.00	18.60 0.69 0.00	20.85 0.81 0.00	27.06 1.18 0.00	25.82 1.04 0.00	24.26 0.97 0.00	28.54 0.99 0.00	29.52 1.04 0.00	28.11 0.95 0.00	31.58 1.02 0.00	34.15 1.15 0.00	31.63 1.08 0.00	31.52 1.05 0.00	31.63 1.18 0.00	33.34 1.39 0.00	33.49 1.52 0.00	31.40 1.32 0.00	28.39 1.01 0.00	29.67 0.84 0.00	24.70 0.60 0.00
HUNTINGTON_RES_REC 323705	18.03 0.92 0.00	18.11 0.91 0.00	18.06 0.88 0.00	17.21 0.71 0.00	17.88 0.62 0.00	18.49 0.58 0.00	20.85 0.81 0.00	27.15 1.26 0.00	25.68 0.90 0.00	24.12 0.82 0.00	30.53 1.26 -1.71	29.93 1.41 -0.04	28.42 1.26 0.00	31.69 1.13 0.00	34.76 1.77 0.00	32.22 1.67 0.00	31.76 1.29 0.00	31.77 1.33 0.00	33.25 1.30 0.00	33.41 1.44 0.00	31.40 1.33 0.00	28.36 0.98 0.00	29.64 0.81 0.00	24.66 0.56 0.00
HUNTLEY___63 23557	16.42 -0.69 0.00	16.46 -0.74 0.00	16.31 -0.87 0.00	15.70 -0.80 0.00	16.50 -0.76 0.00	17.12 -0.79 0.00	19.16 -0.88 0.00	25.03 -0.85 0.00	23.75 -1.03 0.00	22.50 -0.79 0.00	26.61 -0.94 0.00	27.39 -1.09 0.00	26.01 -1.14 0.00	29.31 -1.24 0.00	31.40 -1.60 0.00	29.19 -1.37 0.00	29.31 -1.16 0.00	29.63 -0.81 0.00	30.90 -1.05 0.00	30.79 -1.18 0.00	29.31 -0.77 0.00	26.67 -0.71 0.00	28.24 -0.59 0.00	23.87 -0.23 0.00
HUNTLEY___64 23558	16.42 -0.69 0.00	16.46 -0.74 0.00	16.31 -0.87 0.00	15.70 -0.80 0.00	16.50 -0.76 0.00	17.12 -0.79 0.00	19.16 -0.88 0.00	25.03 -0.85 0.00	23.75 -1.03 0.00	22.50 -0.79 0.00	26.61 -0.94 0.00	27.39 -1.09 0.00	26.01 -1.14 0.00	29.31 -1.24 0.00	31.40 -1.60 0.00	29.19 -1.37 0.00	29.31 -1.16 0.00	29.63 -0.81 0.00	30.90 -1.05 0.00	30.79 -1.18 0.00	29.31 -0.77 0.00	26.67 -0.71 0.00	28.24 -0.59 0.00	23.87 -0.23 0.00
HUNTLEY___65 23559	16.42 -0.69 0.00	16.46 -0.74 0.00	16.31 -0.87 0.00	15.70 -0.80 0.00	16.50 -0.76 0.00	17.12 -0.79 0.00	19.16 -0.88 0.00	25.03 -0.85 0.00	23.75 -1.03 0.00	22.50 -0.79 0.00	26.61 -0.94 0.00	27.39 -1.09 0.00	26.01 -1.14 0.00	29.31 -1.24 0.00	31.40 -1.60 0.00	29.19 -1.37 0.00	29.31 -1.16 0.00	29.63 -0.81 0.00	30.90 -1.05 0.00	30.79 -1.18 0.00	29.31 -0.77 0.00	26.67 -0.71 0.00	28.24 -0.59 0.00	23.87 -0.23 0.00
HUNTLEY___66 23560	16.42 -0.69 0.00	16.46 -0.74 0.00	16.31 -0.87 0.00	15.70 -0.80 0.00	16.50 -0.76 0.00	17.12 -0.79 0.00	19.16 -0.88 0.00	25.03 -0.85 0.00	23.75 -1.03 0.00	22.50 -0.79 0.00	26.61 -0.94 0.00	27.39 -1.09 0.00	26.01 -1.14 0.00	29.31 -1.24 0.00	31.40 -1.60 0.00	29.19 -1.37 0.00	29.31 -1.16 0.00	29.63 -0.81 0.00	30.90 -1.05 0.00	30.79 -1.18 0.00	29.31 -0.77 0.00	26.67 -0.71 0.00	28.24 -0.59 0.00	23.87 -0.23 0.00
HUNTLEY___67 23561	16.38 -0.73 0.00	16.43 -0.77 0.00	16.28 -0.90 0.00	15.67 -0.83 0.00	16.47 -0.80 0.00	17.07 -0.83 0.00	19.05 -0.98 0.00	24.95 -0.94 0.00	23.63 -1.15 0.00	22.36 -0.94 0.00	26.43 -1.12 0.00	27.27 -1.21 0.00	25.96 -1.20 0.00	29.26 -1.30 0.00	31.33 -1.66 0.00	29.12 -1.44 0.00	29.20 -1.27 0.00	29.52 -0.92 0.00	30.79 -1.16 0.00	30.70 -1.27 0.00	29.21 -0.87 0.00	26.58 -0.80 0.00	28.15 -0.68 0.00	23.77 -0.33 0.00



HUNTLEY___68 23562	16.38 -0.73 0.00	16.43 -0.77 0.00	16.28 -0.90 0.00	15.67 -0.83 0.00	16.47 -0.80 0.00	17.07 -0.83 0.00	19.05 -0.98 0.00	24.95 -0.94 0.00	23.63 -1.15 0.00	22.36 -0.94 0.00	26.43 -1.12 0.00	27.27 -1.21 0.00	25.96 -1.20 0.00	29.26 -1.30 0.00	31.33 -1.66 0.00	29.12 -1.44 0.00	29.20 -1.27 0.00	29.52 -0.92 0.00	30.79 -1.16 0.00	30.70 -1.27 0.00	29.21 -0.87 0.00	26.58 -0.80 0.00	28.15 -0.68 0.00	23.77 -0.33 0.00
HYLAND___LFGE 323620	17.32 0.21 0.00	17.32 0.12 0.00	17.25 0.07 0.00	16.60 0.10 0.00	17.51 0.25 0.00	18.20 0.29 0.00	20.57 0.54 0.00	27.07 1.18 0.00	25.57 0.79 0.00	24.04 0.75 0.00	28.11 0.55 0.00	28.88 0.40 0.00	27.12 -0.04 0.00	30.46 -0.10 0.00	32.61 -0.38 0.00	30.29 -0.27 0.00	30.31 -0.16 0.00	30.56 0.11 0.00	32.56 0.61 0.00	32.80 0.82 0.00	31.40 1.32 0.00	28.61 1.23 0.00	30.07 1.24 0.00	25.05 0.95 0.00
INDECK___CORINTH 23802	17.50 0.39 0.00	17.62 0.41 0.00	17.60 0.43 0.00	16.94 0.44 0.00	17.71 0.45 0.00	18.44 0.53 0.00	20.74 0.71 0.00	26.82 0.93 0.00	25.64 0.86 0.00	24.19 0.90 0.00	28.93 1.05 -0.33	29.62 1.13 -0.01	27.91 0.75 0.00	31.36 0.80 0.00	33.87 0.88 0.00	31.38 0.83 0.00	31.23 0.76 0.00	31.41 0.97 0.00	33.13 1.18 0.00	33.32 1.35 0.00	31.22 1.14 0.00	28.12 0.74 0.00	29.35 0.52 0.00	24.40 0.31 0.00
INDECK___ILION 23567	17.07 -0.04 0.00	17.16 -0.03 0.00	17.14 -0.04 0.00	16.47 -0.03 0.00	17.23 -0.03 0.00	17.91 0.01 0.00	20.11 0.07 0.00	26.06 0.17 0.00	24.82 0.04 0.00	23.33 0.04 0.00	27.57 0.02 0.00	28.50 0.02 0.00	27.14 -0.01 0.00	30.54 -0.02 0.00	32.98 -0.01 0.00	30.51 -0.04 0.00	30.42 -0.05 0.00	30.59 0.14 0.00	32.11 0.15 0.00	32.17 0.19 0.00	30.28 0.20 0.00	27.46 0.08 0.00	28.80 -0.03 0.00	23.97 -0.13 0.00
INDECK___OLEAN 23982	17.17 0.06 0.00	17.18 -0.01 0.00	17.11 -0.07 0.00	16.49 -0.02 0.00	17.34 0.07 0.00	17.96 0.05 0.00	20.05 0.01 0.00	26.45 0.56 0.00	24.88 0.11 0.00	23.30 0.00 0.00	27.46 -0.09 0.00	28.37 -0.11 0.00	26.92 -0.24 0.00	30.30 -0.26 0.00	32.41 -0.58 0.00	30.13 -0.42 0.00	30.00 -0.47 0.00	30.47 0.03 0.00	31.81 -0.14 0.00	31.78 -0.18 0.00	30.21 0.14 0.00	27.50 0.12 0.00	29.18 0.35 0.00	24.45 0.35 0.00
INDECK___OSWEGO 23783	16.60 -0.52 0.00	16.67 -0.53 0.00	16.62 -0.56 0.00	15.97 -0.53 0.00	16.74 -0.52 0.00	17.40 -0.51 0.00	19.44 -0.59 0.00	25.23 -0.66 0.00	24.05 -0.72 0.00	22.60 -0.69 0.00	26.76 -0.80 0.00	27.63 -0.85 0.00	26.36 -0.80 0.00	29.67 -0.88 0.00	32.04 -0.96 0.00	29.65 -0.90 0.00	29.69 -0.78 0.00	29.84 -0.60 0.00	31.29 -0.66 0.00	31.30 -0.67 0.00	29.49 -0.59 0.00	26.78 -0.60 0.00	28.16 -0.67 0.00	23.51 -0.59 0.00
INDECK___YERKES 23781	16.44 -0.68 0.00	16.48 -0.72 0.00	16.34 -0.83 0.00	15.73 -0.77 0.00	16.52 -0.73 0.00	17.14 -0.77 0.00	19.18 -0.85 0.00	25.06 -0.83 0.00	23.77 -1.00 0.00	22.53 -0.76 0.00	26.65 -0.91 0.00	27.42 -1.06 0.00	26.04 -1.11 0.00	29.35 -1.21 0.00	31.44 -1.55 0.00	29.23 -1.33 0.00	29.35 -1.12 0.00	29.67 -0.78 0.00	30.95 -1.01 0.00	30.83 -1.15 0.00	29.35 -0.73 0.00	26.72 -0.67 0.00	28.27 -0.56 0.00	23.89 -0.20 0.00
INDIAN POINT_GT_1 24139	17.91 0.79 0.00	17.97 0.77 0.00	17.95 0.78 0.00	17.23 0.73 0.00	17.98 0.72 0.00	18.67 0.76 0.00	20.96 0.92 0.00	27.27 1.38 0.00	25.89 1.11 0.00	24.32 1.03 0.00	30.67 1.22 -1.90	29.84 1.31 -0.05	28.35 1.19 0.00	31.78 1.22 0.00	34.37 1.38 0.00	31.80 1.24 0.00	31.67 1.20 0.00	31.81 1.37 0.00	33.36 1.41 0.00	33.46 1.49 0.00	31.45 1.38 0.00	28.42 1.04 0.00	29.78 0.95 0.00	24.77 0.67 0.00
INDIAN POINT_GT_2 23659	17.91 0.79 0.00	17.97 0.77 0.00	17.95 0.78 0.00	17.23 0.73 0.00	17.98 0.72 0.00	18.67 0.76 0.00	20.96 0.92 0.00	27.27 1.38 0.00	25.89 1.11 0.00	24.32 1.03 0.00	30.67 1.22 -1.90	29.84 1.31 -0.05	28.35 1.19 0.00	31.78 1.22 0.00	34.37 1.38 0.00	31.80 1.24 0.00	31.67 1.20 0.00	31.81 1.37 0.00	33.36 1.41 0.00	33.46 1.49 0.00	31.45 1.38 0.00	28.42 1.04 0.00	29.78 0.95 0.00	24.77 0.67 0.00
INDIAN POINT_GT_3 24019	17.91 0.79 0.00	17.97 0.77 0.00	17.95 0.78 0.00	17.23 0.73 0.00	17.98 0.72 0.00	18.67 0.76 0.00	20.96 0.92 0.00	27.27 1.38 0.00	25.89 1.11 0.00	24.32 1.03 0.00	30.67 1.22 -1.90	29.84 1.31 -0.05	28.35 1.19 0.00	31.78 1.22 0.00	34.37 1.38 0.00	31.80 1.24 0.00	31.67 1.20 0.00	31.81 1.37 0.00	33.36 1.41 0.00	33.46 1.49 0.00	31.45 1.38 0.00	28.42 1.04 0.00	29.78 0.95 0.00	24.77 0.67 0.00
INDIAN POINT___2 23530	17.92 0.81 0.00	17.98 0.78 0.00	17.96 0.79 0.00	17.24 0.73 0.00	17.98 0.72 0.00	18.68 0.77 0.00	20.97 0.94 0.00	27.28 1.40 0.00	25.91 1.13 0.00	24.34 1.05 0.00	30.57 1.24 -1.78	29.87 1.34 -0.04	28.37 1.22 0.00	31.81 1.25 0.00	34.40 1.40 0.00	31.83 1.27 0.00	31.70 1.23 0.00	31.84 1.40 0.00	33.39 1.43 0.00	33.47 1.50 0.00	31.47 1.40 0.00	28.43 1.05 0.00	29.80 0.97 0.00	24.78 0.68 0.00
INDIAN POINT___3 23531	17.84 0.73 0.00	17.91 0.71 0.00	17.89 0.72 0.00	17.17 0.67 0.00	17.92 0.66 0.00	18.61 0.70 0.00	20.89 0.85 0.00	27.16 1.27 0.00	25.77 0.99 0.00	24.19 0.90 0.00	31.12 1.05 -2.51	29.67 1.13 -0.06	28.19 1.03 0.00	31.60 1.05 0.00	34.18 1.18 0.00	31.61 1.06 0.00	31.50 1.03 0.00	31.65 1.21 0.00	33.19 1.24 0.00	33.28 1.31 0.00	31.30 1.22 0.00	28.29 0.91 0.00	29.68 0.85 0.00	24.68 0.58 0.00
INGHAM_C_115KV_TB7 356103	16.86 -0.25 0.00	16.97 -0.23 0.00	16.93 -0.25 0.00	16.27 -0.23 0.00	17.03 -0.23 0.00	17.75 -0.15 0.00	19.97 -0.06 0.00	25.93 0.04 0.00	24.60 -0.17 0.00	23.10 -0.19 0.00	27.29 -0.26 0.00	28.18 -0.30 0.00	26.80 -0.35 0.00	30.18 -0.38 0.00	32.57 -0.42 0.00	30.09 -0.46 0.00	30.04 -0.43 0.00	30.40 -0.04 0.00	31.93 -0.02 0.00	32.01 0.03 0.00	30.17 0.09 0.00	27.31 -0.07 0.00	28.54 -0.29 0.00	23.65 -0.44 0.00
IP CORINTH___1 23988	17.50 0.39 0.00	17.62 0.41 0.00	17.61 0.43 0.00	16.94 0.44 0.00	17.71 0.45 0.00	18.44 0.53 0.00	20.74 0.71 0.00	26.82 0.93 0.00	25.64 0.86 0.00	24.19 0.90 0.00	28.93 1.05 -0.33	29.62 1.13 -0.01	27.91 0.75 0.00	31.37 0.80 0.00	33.87 0.88 0.00	31.38 0.83 0.00	31.23 0.76 0.00	31.41 0.97 0.00	33.13 1.18 0.00	33.32 1.35 0.00	31.22 1.14 0.00	28.12 0.74 0.00	29.35 0.52 0.00	24.40 0.31 0.00
IP___TICONDEROGA 23804	17.96 0.85 0.00	18.07 0.87 0.00	18.10 0.92 0.00	17.47 0.97 0.00	18.25 0.99 0.00	19.11 1.21 0.00	21.58 1.54 0.00	27.66 1.77 0.00	26.24 1.46 0.00	24.76 1.47 0.00	29.60 1.72 -0.33	30.44 1.95 -0.01	28.69 1.54 0.00	32.22 1.66 0.00	34.73 1.74 0.00	32.27 1.72 0.00	32.02 1.55 0.00	32.48 2.04 0.00	34.43 2.48 0.00	34.93 2.96 0.00	32.59 2.51 0.00	29.07 1.69 0.00	30.14 1.31 0.00	25.00 0.90 0.00

ISLIP_RES_REC 323679	18.24 1.13 0.00	18.32 1.12 0.00	18.27 1.09 0.00	17.41 0.91 0.00	18.09 0.83 0.00	18.72 0.81 0.00	21.19 1.16 0.00	27.60 1.72 0.00	26.07 1.30 0.00	24.49 1.19 0.00	30.97 1.70 -1.71	30.40 1.88 -0.04	28.85 1.69 0.00	32.17 1.61 0.00	35.17 2.18 0.00	32.59 2.03 0.00	32.21 1.75 0.00	32.27 1.82 0.00	33.77 1.82 0.00	33.94 1.96 0.00	31.91 1.83 0.00	28.80 1.42 0.00	30.04 1.22 0.00	24.92 0.82 0.00
JAMAICA__27_KV_LOAD 355505	18.08 0.97 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.45 0.95 0.00	18.18 0.92 0.00	18.90 0.99 0.00	21.21 1.17 0.00	27.43 1.55 0.01	26.08 1.31 0.00	24.50 1.21 0.00	30.69 1.42 -1.72	30.05 1.54 -0.03	28.54 1.39 0.01	32.01 1.45 0.00	34.56 1.57 0.00	31.95 1.40 0.01	31.84 1.38 0.01	32.00 1.56 0.01	33.54 1.59 0.00	33.60 1.63 0.00	31.60 1.52 0.00	28.55 1.17 0.00	29.86 1.04 0.01	24.85 0.76 0.00
JANIS____SOLAR 323808	17.41 0.30 0.00	17.52 0.31 0.00	17.49 0.31 0.00	16.77 0.27 0.00	17.62 0.36 0.00	18.37 0.47 0.00	20.67 0.63 0.00	27.02 1.13 0.00	25.66 0.89 0.00	24.10 0.81 0.00	28.42 0.87 0.00	29.27 0.79 0.00	27.94 0.78 0.00	31.48 0.93 0.00	33.81 0.81 0.00	31.47 0.92 0.00	31.64 1.17 0.00	32.01 1.57 0.00	33.53 1.58 0.00	33.54 1.57 0.00	31.63 1.55 0.00	28.71 1.33 0.00	30.09 1.26 0.00	24.98 0.88 0.00
JARVIS____ 23743	17.14 0.03 0.00	17.24 0.03 0.00	17.21 0.03 0.00	16.54 0.04 0.00	17.30 0.04 0.00	17.96 0.05 0.00	20.12 0.08 0.00	26.04 0.16 0.00	24.86 0.09 0.00	23.38 0.09 0.00	27.63 0.07 0.00	28.58 0.10 0.00	27.24 0.08 0.00	30.65 0.09 0.00	33.10 0.11 0.00	30.65 0.10 0.00	30.53 0.06 0.00	30.56 0.12 0.00	32.08 0.13 0.00	32.11 0.14 0.00	30.20 0.12 0.00	27.44 0.06 0.00	28.85 0.03 0.00	24.08 -0.02 0.00
JENNISON____1 23625	17.10 -0.01 0.00	17.32 0.11 0.00	17.27 0.09 0.00	16.48 -0.02 0.00	17.33 0.07 0.00	18.13 0.22 0.00	20.38 0.34 0.00	26.62 0.74 0.00	25.32 0.55 0.00	23.82 0.53 0.00	28.17 0.62 0.00	29.02 0.54 0.00	27.77 0.62 0.00	31.38 0.82 0.00	33.83 0.84 0.00	31.40 0.84 0.00	31.52 1.05 0.00	31.97 1.53 0.00	33.41 1.45 0.00	33.26 1.29 0.00	31.38 1.30 0.00	28.49 1.11 0.00	29.84 1.01 0.00	24.77 0.67 0.00
JENNISON____2 23626	17.10 -0.01 0.00	17.32 0.11 0.00	17.27 0.09 0.00	16.48 -0.02 0.00	17.33 0.07 0.00	18.13 0.22 0.00	20.38 0.34 0.00	26.62 0.74 0.00	25.32 0.55 0.00	23.82 0.53 0.00	28.17 0.62 0.00	29.02 0.54 0.00	27.77 0.62 0.00	31.38 0.82 0.00	33.83 0.84 0.00	31.40 0.84 0.00	31.52 1.05 0.00	31.97 1.53 0.00	33.41 1.45 0.00	33.26 1.29 0.00	31.38 1.30 0.00	28.49 1.11 0.00	29.84 1.01 0.00	24.77 0.67 0.00
JERICHO_RISE_WT_PWR 323719	16.64 -0.47 0.00	16.79 -0.41 0.00	16.86 -0.32 0.00	16.10 -0.40 0.00	16.71 -0.55 0.00	17.30 -0.61 0.00	19.24 -0.79 0.00	24.94 -0.95 0.00	24.15 -0.63 0.00	22.74 -0.56 0.00	27.00 -0.56 0.00	27.99 -0.48 0.00	26.91 -0.24 0.00	30.58 0.03 0.00	33.12 0.13 0.00	30.59 0.04 0.00	30.61 0.14 0.00	30.64 0.19 0.00	32.52 0.56 0.00	32.47 0.50 0.00	30.40 0.32 0.00	27.69 0.31 0.00	29.20 0.37 0.00	24.63 0.53 0.00
KATONAH__115KV_46KV_TB4 355592	17.96 0.85 0.00	18.03 0.84 0.00	18.02 0.84 0.00	17.29 0.79 0.00	18.05 0.79 0.00	18.75 0.84 0.00	21.06 1.03 0.00	27.41 1.52 0.00	26.04 1.26 0.00	24.46 1.17 0.00	30.03 1.38 -1.10	29.98 1.47 -0.03	28.50 1.34 0.00	31.96 1.41 0.00	34.56 1.56 0.00	31.98 1.42 0.00	31.86 1.39 0.00	32.02 1.57 0.00	33.58 1.63 0.00	33.67 1.70 0.00	31.65 1.58 0.00	28.59 1.21 0.00	29.94 1.11 0.00	24.88 0.78 0.00
KCE_NY_1 323755	17.70 0.59 0.00	17.83 0.63 0.00	17.81 0.63 0.00	17.12 0.62 0.00	17.91 0.65 0.00	18.60 0.69 0.00	20.89 0.85 0.00	27.05 1.17 0.00	25.76 0.98 0.00	24.22 0.93 0.00	28.96 1.07 -0.33	29.63 1.14 -0.01	28.10 0.94 0.00	31.59 1.03 0.00	34.13 1.13 0.00	31.60 1.05 0.00	31.47 1.00 0.00	31.59 1.15 0.00	33.27 1.32 0.00	33.41 1.44 0.00	31.32 1.24 0.00	28.29 0.90 0.00	29.60 0.77 0.00	24.64 0.55 0.00
KCE_NY_6_ESR 323823	16.57 -0.54 0.00	16.61 -0.59 0.00	16.49 -0.69 0.00	15.86 -0.64 0.00	16.69 -0.57 0.00	17.29 -0.62 0.00	19.32 -0.72 0.00	25.36 -0.53 0.00	24.02 -0.76 0.00	22.69 -0.60 0.00	26.84 -0.72 0.00	27.67 -0.81 0.00	26.29 -0.87 0.00	29.68 -0.88 0.00	31.76 -1.24 0.00	29.50 -1.05 0.00	29.55 -0.92 0.00	29.94 -0.51 0.00	31.24 -0.71 0.00	31.16 -0.81 0.00	29.67 -0.41 0.00	27.03 -0.35 0.00	28.59 -0.24 0.00	24.07 -0.03 0.00
KEDC_PORT_JEFF_GT2 24210	18.16 1.05 0.00	18.24 1.04 0.00	18.19 1.02 0.00	17.34 0.84 0.00	18.00 0.74 0.00	18.63 0.72 0.00	21.07 1.04 0.00	27.45 1.56 0.00	25.91 1.13 0.00	24.26 0.96 0.00	30.77 1.51 -1.71	30.20 1.68 -0.04	28.67 1.52 0.00	31.97 1.41 0.00	34.96 1.97 0.00	32.38 1.82 0.00	31.92 1.45 0.00	31.97 1.53 0.00	33.48 1.53 0.00	33.64 1.66 0.00	31.62 1.54 0.00	28.56 1.18 0.00	29.88 1.05 0.00	24.81 0.71 0.00
KEDC_PORT_JEFF_GT3 24211	18.16 1.05 0.00	18.24 1.04 0.00	18.19 1.02 0.00	17.34 0.84 0.00	18.00 0.74 0.00	18.63 0.72 0.00	21.07 1.04 0.00	27.45 1.56 0.00	25.91 1.13 0.00	24.26 0.96 0.00	30.77 1.51 -1.71	30.20 1.68 -0.04	28.67 1.52 0.00	31.97 1.41 0.00	34.96 1.97 0.00	32.38 1.82 0.00	31.92 1.45 0.00	31.97 1.53 0.00	33.48 1.53 0.00	33.64 1.66 0.00	31.62 1.54 0.00	28.56 1.18 0.00	29.88 1.05 0.00	24.81 0.71 0.00
KEDC_GLWD_GT4 24219	18.07 0.95 0.00	18.10 0.90 0.00	18.06 0.88 0.00	17.28 0.78 0.00	18.02 0.75 0.00	18.70 0.79 0.00	21.02 0.98 0.00	27.37 1.48 0.00	25.96 1.18 0.00	24.40 1.11 0.00	30.70 1.43 -1.71	30.10 1.57 -0.05	28.57 1.42 0.00	31.96 1.41 0.00	34.75 1.75 0.00	32.15 1.60 0.00	31.91 1.44 0.00	32.03 1.59 0.00	33.56 1.61 0.00	33.67 1.70 0.00	31.65 1.57 0.00	28.60 1.22 0.00	29.90 1.08 0.00	24.86 0.76 0.00
KEDC_GLWD_GT5 24220	18.07 0.95 0.00	18.10 0.90 0.00	18.06 0.88 0.00	17.28 0.78 0.00	18.02 0.75 0.00	18.70 0.79 0.00	21.02 0.98 0.00	27.37 1.48 0.00	25.96 1.18 0.00	24.40 1.11 0.00	30.70 1.43 -1.71	30.10 1.57 -0.05	28.57 1.42 0.00	31.96 1.41 0.00	34.75 1.75 0.00	32.15 1.60 0.00	31.91 1.44 0.00	32.03 1.59 0.00	33.56 1.61 0.00	33.67 1.70 0.00	31.65 1.57 0.00	28.60 1.22 0.00	29.90 1.08 0.00	24.86 0.76 0.00
KENSICO____ 23655	17.91 0.80 0.00	17.98 0.78 0.00	17.97 0.79 0.00	17.24 0.73 0.00	17.99 0.73 0.00	18.68 0.77 0.00	20.97 0.94 0.00	27.28 1.40 0.00	25.90 1.13 0.00	24.33 1.04 0.00	30.63 1.23 -1.84	29.85 1.33 -0.05	28.36 1.21 0.00	31.80 1.24 0.00	34.39 1.39 0.00	31.81 1.26 0.00	31.69 1.22 0.00	31.84 1.39 0.00	33.38 1.43 0.00	33.47 1.49 0.00	31.47 1.39 0.00	28.43 1.05 0.00	29.79 0.97 0.00	24.77 0.67 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	17.98 0.87 0.00	18.05 0.85 0.00	18.02 0.84 0.00	17.29 0.79 0.00	18.08 0.82 0.00	18.79 0.88 0.00	21.13 1.09 0.00	27.58 1.69 0.00	26.23 1.45 0.00	24.65 1.36 0.00	28.65 1.60 0.50	30.36 1.89 0.01	29.17 2.01 0.00	32.79 2.24 0.00	35.40 2.40 0.00	32.55 2.00 0.00	32.43 1.96 0.00	32.55 2.11 0.00	34.15 2.20 0.00	33.93 1.95 0.00	31.93 1.85 0.00	28.84 1.46 0.00	30.20 1.37 0.00	25.06 0.97 0.00
KIAC_JFK_GT1 23816	17.98 0.87 0.00	18.08 0.88 0.00	18.09 0.91 0.00	17.36 0.86 0.00	18.08 0.82 0.00	18.76 0.85 0.00	21.04 1.00 0.00	27.20 1.32 0.01	25.93 1.15 0.00	24.36 1.07 0.00	30.52 1.25 -1.72	29.88 1.36 -0.03	28.38 1.23 0.01	31.83 1.27 0.00	34.37 1.38 0.00	31.77 1.22 0.01	31.66 1.19 0.01	31.81 1.37 0.01	33.34 1.39 0.00	33.40 1.43 0.00	31.41 1.34 0.00	28.36 0.98 0.00	29.69 0.87 0.01	24.71 0.61 0.00
KIAC_JFK_GT2 23817	17.98 0.87 0.00	18.08 0.88 0.00	18.09 0.91 0.00	17.36 0.86 0.00	18.08 0.82 0.00	18.76 0.85 0.00	21.04 1.00 0.00	27.20 1.32 0.01	25.93 1.15 0.00	24.36 1.07 0.00	30.52 1.25 -1.72	29.88 1.36 -0.03	28.38 1.23 0.01	31.83 1.27 0.00	34.37 1.38 0.00	31.77 1.22 0.01	31.66 1.19 0.01	31.81 1.37 0.01	33.34 1.39 0.00	33.40 1.43 0.00	31.41 1.34 0.00	28.36 0.98 0.00	29.69 0.87 0.01	24.71 0.61 0.00
KIAC_JFK____ 323774	17.98 0.87 0.00	18.08 0.88 0.00	18.08 0.90 0.00	17.36 0.86 0.00	18.07 0.81 0.00	18.76 0.85 0.00	21.03 1.00 0.00	27.20 1.32 0.01	25.93 1.16 0.00	24.36 1.07 0.00	30.52 1.25 -1.72	29.88 1.36 -0.03	28.38 1.23 0.01	31.83 1.27 0.00	34.37 1.38 0.00	31.77 1.22 0.01	31.66 1.19 0.01	31.81 1.37 0.01	33.34 1.39 0.00	33.40 1.43 0.00	31.41 1.33 0.00	28.36 0.98 0.00	29.69 0.86 0.01	24.71 0.61 0.00
KINTIGH____ 23543	16.42 -0.69 0.00	16.47 -0.73 0.00	16.35 -0.83 0.00	15.73 -0.77 0.00	16.51 -0.75 0.00	17.13 -0.78 0.00	19.11 -0.92 0.00	24.97 -0.92 0.00	23.67 -1.11 0.00	22.36 -0.93 0.00	26.45 -1.11 0.00	27.31 -1.18 0.00	26.01 -1.15 0.00	29.28 -1.27 0.00	31.39 -1.60 0.00	29.18 -1.37 0.00	29.26 -1.21 0.00	29.50 -0.94 0.00	30.79 -1.16 0.00	30.70 -1.27 0.00	29.14 -0.93 0.00	26.50 -0.88 0.00	28.05 -0.78 0.00	23.67 -0.42 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	16.84 -0.27 0.00	16.97 -0.23 0.00	17.00 -0.18 0.00	16.23 -0.27 0.00	16.69 -0.57 0.00	17.29 -0.62 0.00	19.23 -0.80 0.00	24.97 -0.92 0.00	24.17 -0.61 0.00	22.80 -0.49 0.00	27.00 -0.55 0.00	28.09 -0.39 0.00	26.99 -0.17 0.00	30.77 0.21 0.00	33.44 0.45 0.00	30.97 0.42 0.00	31.07 0.61 0.00	31.35 0.90 0.00	33.43 1.48 0.00	33.47 1.49 0.00	31.29 1.21 0.00	28.33 0.94 0.00	29.82 1.00 0.00	25.15 1.06 0.00
LACHUTE____HYDRO 323717	17.96 0.85 0.00	18.07 0.87 0.00	18.10 0.92 0.00	17.47 0.97 0.00	18.25 0.99 0.00	19.11 1.21 0.00	21.57 1.54 0.00	27.66 1.77 0.00	26.24 1.46 0.00	24.76 1.47 0.00	29.60 1.72 -0.33	30.44 1.95 -0.01	28.69 1.54 0.00	32.22 1.66 0.00	34.73 1.73 0.00	32.27 1.72 0.00	32.02 1.55 0.00	32.48 2.04 0.00	34.43 2.48 0.00	34.93 2.96 0.00	32.59 2.51 0.00	29.07 1.69 0.00	30.14 1.31 0.00	25.00 0.90 0.00
LAWRNCAY_115KV_TB1 80681	17.05 -0.06 0.00	16.70 -0.50 0.00	16.74 -0.44 0.00	16.06 -0.44 0.00	16.80 -0.46 0.00	17.44 -0.47 0.00	19.47 -0.57 0.00	25.07 -0.82 0.00	24.23 -0.55 0.00	22.72 -0.57 0.00	26.92 -0.64 0.00	27.78 -0.70 0.00	26.62 -0.54 0.00	30.10 -0.46 0.00	32.56 -0.44 0.00	30.11 -0.44 0.00	30.09 -0.38 0.00	29.91 -0.54 0.00	31.50 -0.45 0.00	31.42 -0.55 0.00	29.53 -0.55 0.00	26.96 -0.42 0.00	28.40 -0.43 0.00	23.93 -0.17 0.00
LEDERLE____ 23769	17.89 0.77 0.00	17.95 0.75 0.00	17.93 0.75 0.00	17.21 0.70 0.00	17.97 0.71 0.00	18.66 0.75 0.00	20.95 0.92 0.00	27.24 1.35 0.00	25.83 1.05 0.00	24.24 0.95 0.00	25.86 1.09 2.79	29.58 1.16 0.07	28.23 1.07 0.00	31.65 1.10 0.00	34.23 1.24 0.00	31.66 1.11 0.00	31.56 1.09 0.00	31.73 1.29 0.00	33.27 1.32 0.00	33.37 1.40 0.00	31.38 1.30 0.00	28.38 1.00 0.00	29.79 0.96 0.00	24.77 0.68 0.00
LIGHTHSE_115KV_TB6 355974	16.44 -0.67 0.00	16.50 -0.70 0.00	16.44 -0.74 0.00	15.81 -0.69 0.00	16.61 -0.66 0.00	17.29 -0.62 0.00	19.38 -0.66 0.00	25.20 -0.68 0.00	24.04 -0.74 0.00	22.53 -0.76 0.00	26.75 -0.81 0.00	27.60 -0.88 0.00	26.46 -0.70 0.00	29.90 -0.66 0.00	32.26 -0.73 0.00	29.92 -0.63 0.00	29.94 -0.53 0.00	30.06 -0.38 0.00	31.54 -0.41 0.00	31.56 -0.41 0.00	29.70 -0.38 0.00	26.94 -0.44 0.00	28.25 -0.58 0.00	23.62 -0.47 0.00
LINDEN COGEN____ 23786	17.94 0.83 0.00	18.01 0.81 0.00	17.98 0.80 0.00	17.26 0.76 0.00	18.00 0.74 0.00	18.71 0.80 0.00	21.00 0.97 0.00	27.36 1.47 0.00	26.00 1.23 0.00	24.42 1.13 0.00	30.58 1.30 -1.73	29.95 1.43 -0.04	28.44 1.29 0.00	31.90 1.33 0.00	34.45 1.45 0.00	31.87 1.32 0.00	31.76 1.29 0.00	31.92 1.48 0.00	33.45 1.50 0.00	33.52 1.55 0.00	31.53 1.45 0.00	28.47 1.09 0.00	29.78 0.95 0.00	24.78 0.68 0.00
LINDHRST_69_KV_BK1 356055	18.19 1.08 0.00	18.26 1.06 0.00	18.20 1.02 0.00	17.36 0.86 0.00	18.06 0.80 0.00	18.71 0.80 0.00	21.11 1.08 0.00	27.51 1.62 0.00	26.02 1.25 0.00	24.45 1.16 0.00	30.88 1.61 -1.71	30.29 1.77 -0.04	28.76 1.60 0.00	32.08 1.53 0.00	35.07 2.07 0.00	32.45 1.89 0.00	32.12 1.65 0.00	32.19 1.75 0.00	33.71 1.76 0.00	33.86 1.88 0.00	31.86 1.78 0.00	28.77 1.39 0.00	30.01 1.19 0.00	24.94 0.84 0.00
LIPA_MISC_IPP 23656	18.13 1.02 0.00	18.22 1.02 0.00	18.19 1.01 0.00	17.33 0.83 0.00	18.00 0.74 0.00	18.62 0.71 0.00	21.11 1.07 0.00	27.45 1.57 0.00	25.86 1.08 0.00	24.28 0.99 0.00	30.71 1.44 -1.71	30.10 1.58 -0.04	28.60 1.44 0.00	31.87 1.32 0.00	34.85 1.86 0.00	32.27 1.72 0.00	31.98 1.51 0.00	32.04 1.60 0.00	33.57 1.61 0.00	33.70 1.73 0.00	31.66 1.58 0.00	28.61 1.22 0.00	29.82 0.99 0.00	24.73 0.63 0.00
LISF____SOLAR 323691	18.16 1.05 0.00	18.25 1.05 0.00	18.21 1.04 0.00	17.36 0.86 0.00	18.03 0.77 0.00	18.65 0.74 0.00	21.15 1.12 0.00	27.52 1.64 0.00	25.92 1.14 0.00	24.35 1.05 0.00	30.77 1.50 -1.71	30.18 1.66 -0.04	28.65 1.49 0.00	31.95 1.39 0.00	34.92 1.93 0.00	32.36 1.80 0.00	32.05 1.58 0.00	32.12 1.67 0.00	33.65 1.70 0.00	33.79 1.82 0.00	31.75 1.67 0.00	28.67 1.29 0.00	29.89 1.06 0.00	24.78 0.68 0.00
LITTLE FALLS____HYD 24013	16.86 -0.25 0.00	16.97 -0.23 0.00	16.93 -0.25 0.00	16.27 -0.23 0.00	17.03 -0.23 0.00	17.75 -0.15 0.00	19.97 -0.06 0.00	25.93 0.04 0.00	24.60 -0.17 0.00	23.10 -0.19 0.00	27.29 -0.26 0.00	28.18 -0.30 0.00	26.80 -0.35 0.00	30.18 -0.38 0.00	32.57 -0.42 0.00	30.09 -0.46 0.00	30.04 -0.43 0.00	30.40 -0.04 0.00	31.93 -0.02 0.00	32.01 0.03 0.00	30.17 0.09 0.00	27.31 -0.07 0.00	28.54 -0.29 0.00	23.65 -0.44 0.00

LITTLRIV_115KV_TB1 356100	16.79 -0.33 0.00	16.91 -0.29 0.00	16.95 -0.23 0.00	16.26 -0.24 0.00	17.01 -0.25 0.00	17.68 -0.23 0.00	19.76 -0.28 0.00	25.46 -0.43 0.00	24.60 -0.17 0.00	23.05 -0.24 0.00	27.32 -0.23 0.00	28.16 -0.32 0.00	26.98 -0.18 0.00	30.50 -0.06 0.00	32.96 -0.04 0.00	30.48 -0.08 0.00	30.50 0.03 0.00	30.34 -0.10 0.00	31.95 0.00 0.00	31.85 -0.12 0.00	29.95 -0.13 0.00	27.34 -0.04 0.00	28.78 -0.05 0.00	24.23 0.14 0.00
LI_NEWBRDGE___DRP 323616	17.95 0.84 0.00	18.02 0.82 0.00	17.96 0.79 0.00	17.16 0.66 0.00	17.86 0.60 0.00	18.51 0.60 0.00	20.83 0.79 0.00	27.11 1.22 0.00	25.66 0.89 0.00	24.12 0.83 0.00	30.45 1.18 -1.71	29.84 1.32 -0.04	28.34 1.19 0.00	31.64 1.08 0.00	34.54 1.55 0.00	31.97 1.41 0.00	31.64 1.18 0.00	31.72 1.28 0.00	33.23 1.28 0.00	33.34 1.37 0.00	31.34 1.27 0.00	28.33 0.95 0.00	29.60 0.78 0.00	24.64 0.54 0.00
LOCKPORT_115KV_TB60_63_64 80432	16.28 -0.83 0.00	16.33 -0.87 0.00	16.17 -1.00 0.00	15.57 -0.93 0.00	16.36 -0.90 0.00	16.97 -0.94 0.00	19.00 -1.04 0.00	24.77 -1.12 0.00	23.41 -1.36 0.00	22.17 -1.12 0.00	26.22 -1.33 0.00	27.03 -1.45 0.00	25.75 -1.41 0.00	28.98 -1.58 0.00	31.04 -1.95 0.00	28.90 -1.66 0.00	29.06 -1.41 0.00	29.36 -1.08 0.00	30.61 -1.34 0.00	30.51 -1.46 0.00	29.04 -1.04 0.00	26.40 -0.98 0.00	27.97 -0.85 0.00	23.68 -0.41 0.00
LOCKPORT___CC1 323769	16.29 -0.82 0.00	16.33 -0.87 0.00	16.20 -0.98 0.00	15.59 -0.91 0.00	16.37 -0.89 0.00	16.98 -0.93 0.00	18.99 -1.04 0.00	24.78 -1.11 0.00	23.43 -1.35 0.00	22.19 -1.10 0.00	26.24 -1.32 0.00	27.05 -1.43 0.00	25.76 -1.39 0.00	29.01 -1.55 0.00	31.07 -1.93 0.00	28.91 -1.64 0.00	29.07 -1.40 0.00	29.37 -1.07 0.00	30.62 -1.33 0.00	30.51 -1.46 0.00	29.04 -1.04 0.00	26.42 -0.96 0.00	27.99 -0.84 0.00	23.69 -0.41 0.00
LOCKPORT___CC2 323770	16.29 -0.82 0.00	16.33 -0.87 0.00	16.20 -0.98 0.00	15.59 -0.91 0.00	16.37 -0.89 0.00	16.98 -0.93 0.00	18.99 -1.04 0.00	24.78 -1.11 0.00	23.43 -1.35 0.00	22.19 -1.10 0.00	26.24 -1.32 0.00	27.05 -1.43 0.00	25.76 -1.39 0.00	29.01 -1.55 0.00	31.07 -1.93 0.00	28.91 -1.64 0.00	29.07 -1.40 0.00	29.37 -1.07 0.00	30.62 -1.33 0.00	30.51 -1.46 0.00	29.04 -1.04 0.00	26.42 -0.96 0.00	27.99 -0.84 0.00	23.69 -0.41 0.00
LOCKPORT___CC3 323771	16.29 -0.82 0.00	16.33 -0.87 0.00	16.20 -0.98 0.00	15.59 -0.91 0.00	16.37 -0.89 0.00	16.98 -0.93 0.00	18.99 -1.04 0.00	24.78 -1.11 0.00	23.43 -1.35 0.00	22.19 -1.10 0.00	26.24 -1.32 0.00	27.05 -1.43 0.00	25.76 -1.39 0.00	29.01 -1.55 0.00	31.07 -1.93 0.00	28.91 -1.64 0.00	29.07 -1.40 0.00	29.37 -1.07 0.00	30.62 -1.33 0.00	30.51 -1.46 0.00	29.04 -1.04 0.00	26.42 -0.96 0.00	27.99 -0.84 0.00	23.69 -0.41 0.00
LONG_LAKE_PHOENIX 24014	16.67 -0.44 0.00	16.74 -0.46 0.00	16.70 -0.48 0.00	16.04 -0.46 0.00	16.82 -0.45 0.00	17.47 -0.44 0.00	19.55 -0.48 0.00	25.41 -0.48 0.00	24.21 -0.57 0.00	22.75 -0.54 0.00	26.93 -0.62 0.00	27.81 -0.67 0.00	26.51 -0.65 0.00	29.81 -0.75 0.00	32.15 -0.84 0.00	29.78 -0.78 0.00	29.80 -0.66 0.00	29.97 -0.47 0.00	31.42 -0.54 0.00	31.43 -0.55 0.00	29.60 -0.47 0.00	26.89 -0.49 0.00	28.26 -0.56 0.00	23.59 -0.50 0.00
LOVETT___3 23632	17.81 0.70 0.00	17.88 0.68 0.00	17.86 0.69 0.00	17.14 0.64 0.00	17.90 0.64 0.00	18.59 0.68 0.00	20.86 0.82 0.00	27.10 1.22 0.00	25.70 0.92 0.00	24.11 0.82 0.00	25.60 0.93 2.89	29.42 1.01 0.07	28.07 0.92 0.00	31.48 0.92 0.00	34.04 1.05 0.00	31.48 0.93 0.00	31.39 0.92 0.00	31.54 1.10 0.00	33.07 1.12 0.00	33.16 1.19 0.00	31.18 1.11 0.00	28.20 0.82 0.00	29.63 0.80 0.00	24.66 0.56 0.00
LOVETT___4 23642	17.81 0.70 0.00	17.88 0.68 0.00	17.86 0.69 0.00	17.14 0.64 0.00	17.90 0.64 0.00	18.59 0.68 0.00	20.86 0.82 0.00	27.10 1.22 0.00	25.70 0.92 0.00	24.11 0.82 0.00	25.60 0.93 2.89	29.42 1.01 0.07	28.07 0.92 0.00	31.48 0.92 0.00	34.04 1.05 0.00	31.48 0.93 0.00	31.39 0.92 0.00	31.54 1.10 0.00	33.07 1.12 0.00	33.16 1.19 0.00	31.18 1.11 0.00	28.20 0.82 0.00	29.63 0.80 0.00	24.66 0.56 0.00
LOVETT___5 23593	17.81 0.70 0.00	17.88 0.68 0.00	17.86 0.69 0.00	17.14 0.64 0.00	17.90 0.64 0.00	18.59 0.68 0.00	20.86 0.82 0.00	27.10 1.22 0.00	25.70 0.92 0.00	24.11 0.82 0.00	25.60 0.93 2.89	29.42 1.01 0.07	28.07 0.92 0.00	31.48 0.92 0.00	34.04 1.05 0.00	31.48 0.93 0.00	31.39 0.92 0.00	31.54 1.10 0.00	33.07 1.12 0.00	33.16 1.19 0.00	31.18 1.11 0.00	28.20 0.82 0.00	29.63 0.80 0.00	24.66 0.56 0.00
LOWER RAQUET___HYD 24057	16.10 -1.02 0.00	16.56 -0.64 0.00	16.61 -0.57 0.00	15.93 -0.57 0.00	16.67 -0.59 0.00	17.31 -0.60 0.00	19.33 -0.71 0.00	24.89 -0.99 0.00	24.06 -0.72 0.00	22.56 -0.73 0.00	26.73 -0.82 0.00	27.59 -0.89 0.00	26.44 -0.72 0.00	29.91 -0.64 0.00	32.36 -0.63 0.00	29.94 -0.62 0.00	29.91 -0.55 0.00	29.75 -0.70 0.00	31.35 -0.60 0.00	31.27 -0.70 0.00	29.38 -0.70 0.00	26.82 -0.56 0.00	28.23 -0.60 0.00	23.79 -0.31 0.00
LOWER___HUDSON 24059	17.59 0.48 0.00	17.70 0.50 0.00	17.70 0.52 0.00	17.01 0.51 0.00	17.77 0.51 0.00	18.45 0.54 0.00	20.65 0.62 0.00	26.69 0.80 0.00	25.35 0.58 0.00	23.85 0.56 0.00	28.56 0.64 -0.36	29.15 0.66 -0.01	27.77 0.61 0.00	31.17 0.60 0.00	33.67 0.68 0.00	31.18 0.63 0.00	31.02 0.56 0.00	31.08 0.64 0.00	32.76 0.81 0.00	32.90 0.93 0.00	30.84 0.76 0.00	27.90 0.52 0.00	29.23 0.40 0.00	24.36 0.26 0.00
LOWVILLE_115KV_TB2 356335	16.28 -0.84 0.00	16.39 -0.82 0.00	16.37 -0.81 0.00	15.75 -0.75 0.00	16.63 -0.63 0.00	17.36 -0.55 0.00	19.45 -0.58 0.00	25.27 -0.62 0.00	24.16 -0.61 0.00	22.57 -0.72 0.00	26.69 -0.86 0.00	27.63 -0.86 0.00	26.63 -0.52 0.00	30.35 -0.20 0.00	32.95 -0.05 0.00	30.60 0.04 0.00	30.63 0.16 0.00	30.73 0.29 0.00	32.38 0.43 0.00	32.40 0.43 0.00	30.43 0.34 0.00	27.50 0.12 0.00	28.70 -0.12 0.00	24.12 0.02 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	17.71 0.60 0.00	17.82 0.62 0.00	17.81 0.63 0.00	17.12 0.62 0.00	17.91 0.64 0.00	18.60 0.69 0.00	20.87 0.84 0.00	27.02 1.14 0.00	25.73 0.95 0.00	24.20 0.91 0.00	28.94 1.05 -0.33	29.60 1.12 -0.01	28.10 0.94 0.00	31.56 1.01 0.00	34.10 1.11 0.00	31.58 1.02 0.00	31.45 0.98 0.00	31.56 1.12 0.00	33.24 1.29 0.00	33.38 1.41 0.00	31.30 1.22 0.00	28.28 0.90 0.00	29.59 0.76 0.00	24.64 0.55 0.00
LUTHERNY_35_KV_BK2 355980	17.70 0.59 0.00	17.83 0.63 0.00	17.81 0.63 0.00	17.12 0.62 0.00	17.91 0.65 0.00	18.60 0.69 0.00	20.89 0.85 0.00	27.05 1.17 0.00	25.76 0.98 0.00	24.22 0.93 0.00	28.96 1.08 -0.33	29.63 1.14 -0.01	28.10 0.94 0.00	31.59 1.03 0.00	34.13 1.13 0.00	31.60 1.05 0.00	31.47 1.00 0.00	31.59 1.15 0.00	33.27 1.32 0.00	33.41 1.44 0.00	31.32 1.24 0.00	28.29 0.91 0.00	29.60 0.77 0.00	24.64 0.55 0.00

LWR___OSWEGATCHIE_HYD 23850	16.04 -1.07 0.00	16.33 -0.87 0.00	16.41 -0.77 0.00	15.76 -0.74 0.00	16.56 -0.70 0.00	17.24 -0.67 0.00	19.29 -0.74 0.00	24.96 -0.93 0.00	23.98 -0.80 0.00	22.44 -0.85 0.00	26.55 -1.01 0.00	27.42 -1.06 0.00	26.31 -0.85 0.00	29.85 -0.71 0.00	32.36 -0.63 0.00	29.99 -0.56 0.00	30.02 -0.45 0.00	29.99 -0.45 0.00	31.59 -0.36 0.00	31.56 -0.41 0.00	29.65 -0.43 0.00	26.92 -0.47 0.00	28.20 -0.62 0.00	23.73 -0.37 0.00
LYONS_FALL_HYD 23570	16.70 -0.41 0.00	16.80 -0.40 0.00	16.78 -0.40 0.00	16.14 -0.37 0.00	16.98 -0.28 0.00	17.70 -0.21 0.00	19.85 -0.18 0.00	25.77 -0.12 0.00	24.63 -0.15 0.00	23.06 -0.23 0.00	27.27 -0.28 0.00	28.23 -0.25 0.00	27.09 -0.07 0.00	30.73 0.17 0.00	33.29 0.29 0.00	30.90 0.34 0.00	30.89 0.42 0.00	30.97 0.53 0.00	32.57 0.62 0.00	32.59 0.62 0.00	30.63 0.55 0.00	27.73 0.35 0.00	29.00 0.18 0.00	24.29 0.19 0.00
MADISON___COUNTY_LFGE 323628	17.32 0.20 0.00	17.37 0.17 0.00	17.34 0.16 0.00	16.67 0.17 0.00	17.49 0.22 0.00	18.20 0.29 0.00	20.47 0.43 0.00	26.59 0.70 0.00	25.41 0.63 0.00	23.87 0.58 0.00	28.24 0.69 0.00	29.19 0.71 0.00	27.82 0.67 0.00	31.35 0.79 0.00	33.81 0.82 0.00	31.37 0.82 0.00	31.34 0.87 0.00	31.47 1.03 0.00	33.01 1.06 0.00	33.04 1.07 0.00	31.08 1.00 0.00	28.19 0.81 0.00	29.57 0.74 0.00	24.64 0.55 0.00
MALONE___115KV_TB1 356076	16.64 -0.47 0.00	16.88 -0.32 0.00	16.94 -0.24 0.00	16.20 -0.30 0.00	16.85 -0.42 0.00	17.46 -0.45 0.00	19.45 -0.58 0.00	25.23 -0.66 0.00	24.42 -0.36 0.00	22.96 -0.33 0.00	27.26 -0.29 0.00	28.22 -0.26 0.00	27.11 -0.04 0.00	30.78 0.22 0.00	33.32 0.33 0.00	30.77 0.22 0.00	30.79 0.32 0.00	30.80 0.36 0.00	32.66 0.71 0.00	32.59 0.62 0.00	30.55 0.47 0.00	27.80 0.42 0.00	29.27 0.45 0.00	24.68 0.58 0.00
MAPLEWOD_115KV_TB3 80458	17.56 0.45 0.00	17.66 0.46 0.00	17.65 0.47 0.00	16.96 0.46 0.00	17.71 0.45 0.00	18.38 0.47 0.00	20.58 0.54 0.00	26.67 0.78 0.00	25.37 0.59 0.00	23.89 0.60 0.00	28.59 0.67 -0.36	29.20 0.71 -0.01	27.79 0.63 0.00	31.21 0.65 0.00	33.72 0.73 0.00	31.22 0.66 0.00	31.09 0.62 0.00	31.16 0.72 0.00	32.76 0.81 0.00	32.86 0.89 0.00	30.84 0.76 0.00	27.91 0.52 0.00	29.24 0.41 0.00	24.37 0.27 0.00
MAPLE_RIDGE_WT_1 323574	16.62 -0.49 0.00	16.74 -0.46 0.00	16.70 -0.48 0.00	16.11 -0.39 0.00	16.93 -0.33 0.00	17.52 -0.39 0.00	19.50 -0.54 0.00	25.15 -0.74 0.00	24.12 -0.66 0.00	22.67 -0.62 0.00	26.83 -0.73 0.00	27.78 -0.70 0.00	26.62 -0.54 0.00	30.16 -0.40 0.00	32.69 -0.30 0.00	30.33 -0.22 0.00	30.19 -0.28 0.00	30.07 -0.37 0.00	31.69 -0.26 0.00	31.69 -0.28 0.00	29.78 -0.30 0.00	27.10 -0.28 0.00	28.58 -0.25 0.00	23.96 -0.13 0.00
MAPLE_RIDGE_WT_2 323611	16.62 -0.49 0.00	16.74 -0.46 0.00	16.70 -0.48 0.00	16.11 -0.39 0.00	16.93 -0.33 0.00	17.52 -0.39 0.00	19.50 -0.54 0.00	25.15 -0.74 0.00	24.12 -0.66 0.00	22.67 -0.62 0.00	26.83 -0.73 0.00	27.78 -0.70 0.00	26.62 -0.54 0.00	30.16 -0.40 0.00	32.69 -0.30 0.00	30.33 -0.22 0.00	30.19 -0.28 0.00	30.07 -0.37 0.00	31.69 -0.26 0.00	31.69 -0.28 0.00	29.78 -0.30 0.00	27.10 -0.28 0.00	28.58 -0.25 0.00	23.96 -0.13 0.00
MARBLE_RIVER_WT_PWR 323696	16.59 -0.52 0.00	16.71 -0.49 0.00	16.73 -0.45 0.00	15.90 -0.60 0.00	16.25 -1.01 0.00	16.81 -1.10 0.00	18.67 -1.37 0.00	24.26 -1.62 0.00	23.59 -1.19 0.00	22.23 -1.06 0.00	26.25 -1.31 0.00	27.37 -1.11 0.00	26.33 -0.83 0.00	30.16 -0.39 0.00	32.90 -0.10 0.00	30.50 -0.06 0.00	30.65 0.18 0.00	31.00 0.56 0.00	33.20 1.25 0.00	33.31 1.34 0.00	31.12 1.04 0.00	28.17 0.79 0.00	29.70 0.87 0.00	25.08 0.99 0.00
MARSHVLE_115KV_TB1 80742	17.92 0.81 0.00	17.98 0.78 0.00	17.92 0.74 0.00	17.23 0.73 0.00	18.07 0.81 0.00	18.79 0.88 0.00	21.12 1.08 0.00	27.46 1.58 0.00	26.31 1.54 0.00	24.68 1.39 0.00	29.18 1.62 0.00	30.09 1.61 0.00	28.75 1.60 0.00	32.43 1.87 0.00	35.01 2.02 0.00	32.38 1.83 0.00	32.33 1.86 0.00	32.54 2.10 0.00	34.13 2.18 0.00	34.03 2.06 0.00	32.16 2.08 0.00	29.26 1.88 0.00	30.81 1.98 0.00	25.74 1.64 0.00
MARSH_HILL_WT_PWR 323713	16.35 -0.76 0.00	16.30 -0.90 0.00	16.29 -0.88 0.00	15.79 -0.71 0.00	16.66 -0.60 0.00	17.30 -0.61 0.00	19.57 -0.46 0.00	25.98 0.09 0.00	24.55 -0.23 0.00	23.16 -0.14 0.00	27.18 -0.38 0.00	27.83 -0.65 0.00	26.27 -0.89 0.00	29.78 -0.78 0.00	32.04 -0.96 0.00	29.76 -0.80 0.00	29.59 -0.88 0.00	30.18 -0.26 0.00	31.72 -0.23 0.00	31.74 -0.23 0.00	30.33 0.25 0.00	27.76 0.38 0.00	29.24 0.42 0.00	24.05 -0.05 0.00
MCINTYRE_115KV_TB2 80467	17.28 0.17 0.00	17.20 0.00 0.00	17.25 0.07 0.00	16.54 0.04 0.00	17.31 0.04 0.00	17.99 0.08 0.00	20.10 0.07 0.00	25.88 -0.01 0.00	25.02 0.24 0.00	23.42 0.13 0.00	27.77 0.22 0.00	28.61 0.12 0.00	27.38 0.22 0.00	30.93 0.37 0.00	33.39 0.40 0.00	30.87 0.32 0.00	30.93 0.46 0.00	30.75 0.31 0.00	32.37 0.42 0.00	32.26 0.29 0.00	30.34 0.26 0.00	27.73 0.35 0.00	29.19 0.36 0.00	24.58 0.48 0.00
MECO____69_KV_BK1 80468	18.85 1.74 0.00	18.84 1.64 0.00	18.75 1.57 0.00	18.02 1.52 0.00	18.95 1.69 0.00	19.85 1.94 0.00	22.44 2.41 0.00	29.40 3.51 0.00	28.06 3.29 0.00	26.32 3.03 0.00	31.04 3.48 0.00	31.84 3.36 0.00	30.43 3.27 0.00	34.36 3.81 0.00	37.16 4.17 0.00	34.25 3.69 0.00	34.32 3.85 0.00	34.83 4.38 0.00	36.63 4.68 0.00	36.52 4.55 0.00	34.43 4.35 0.00	31.23 3.85 0.00	32.74 3.91 0.00	27.28 3.19 0.00
MENANDS__115KV_TB5 355628	17.52 0.41 0.00	17.62 0.42 0.00	17.61 0.43 0.00	16.92 0.42 0.00	17.68 0.42 0.00	18.33 0.42 0.00	20.52 0.49 0.00	26.59 0.70 0.00	25.30 0.52 0.00	23.80 0.51 0.00	28.47 0.56 -0.36	29.08 0.59 -0.01	27.69 0.53 0.00	31.10 0.54 0.00	33.60 0.61 0.00	31.10 0.55 0.00	30.98 0.51 0.00	31.04 0.60 0.00	32.64 0.69 0.00	32.73 0.76 0.00	30.72 0.64 0.00	27.80 0.42 0.00	29.14 0.31 0.00	24.28 0.18 0.00
MG INDUSTRY___DRP 24185	17.50 0.39 0.00	17.62 0.42 0.00	17.61 0.43 0.00	16.92 0.42 0.00	17.69 0.43 0.00	18.33 0.42 0.00	20.51 0.47 0.00	26.57 0.68 0.00	25.29 0.52 0.00	23.76 0.46 0.00	28.04 0.49 0.00	28.99 0.51 0.00	27.61 0.45 0.00	31.01 0.45 0.00	33.52 0.52 0.00	31.04 0.49 0.00	30.93 0.46 0.00	30.98 0.54 0.00	32.58 0.62 0.00	32.67 0.70 0.00	30.67 0.59 0.00	27.79 0.41 0.00	29.14 0.32 0.00	24.31 0.21 0.00
MID___OSWEGATCHIE_HYD 23849	16.04 -1.07 0.00	16.33 -0.87 0.00	16.41 -0.77 0.00	15.76 -0.74 0.00	16.56 -0.70 0.00	17.24 -0.67 0.00	19.29 -0.74 0.00	24.96 -0.93 0.00	23.98 -0.80 0.00	22.44 -0.85 0.00	26.55 -1.01 0.00	27.42 -1.06 0.00	26.31 -0.85 0.00	29.85 -0.71 0.00	32.36 -0.63 0.00	29.99 -0.56 0.00	30.02 -0.45 0.00	29.99 -0.45 0.00	31.59 -0.36 0.00	31.56 -0.41 0.00	29.65 -0.43 0.00	26.92 -0.47 0.00	28.20 -0.62 0.00	23.73 -0.37 0.00

MID___RAQUETTE_HYD 23851	16.10 -1.02 0.00	16.56 -0.64 0.00	16.61 -0.57 0.00	15.93 -0.57 0.00	16.67 -0.59 0.00	17.31 -0.60 0.00	19.33 -0.71 0.00	24.89 -0.99 0.00	24.06 -0.72 0.00	22.56 -0.73 0.00	26.73 -0.82 0.00	27.59 -0.89 0.00	26.44 -0.72 0.00	29.91 -0.64 0.00	32.36 -0.63 0.00	29.94 -0.62 0.00	29.91 -0.55 0.00	29.75 -0.70 0.00	31.35 -0.60 0.00	31.27 -0.70 0.00	29.38 -0.70 0.00	26.82 -0.56 0.00	28.23 -0.60 0.00	23.79 -0.31 0.00
MILLIKEN___1 23584	17.24 0.13 0.00	17.31 0.11 0.00	17.25 0.08 0.00	16.57 0.07 0.00	17.38 0.12 0.00	18.06 0.15 0.00	20.24 0.20 0.00	26.43 0.54 0.00	25.09 0.31 0.00	23.57 0.28 0.00	27.78 0.22 0.00	28.71 0.23 0.00	27.39 0.23 0.00	30.82 0.27 0.00	33.17 0.17 0.00	30.79 0.24 0.00	30.80 0.33 0.00	31.10 0.66 0.00	32.59 0.64 0.00	32.62 0.65 0.00	30.75 0.67 0.00	27.93 0.55 0.00	29.40 0.57 0.00	24.47 0.37 0.00
MILLIKEN___2 23585	17.24 0.13 0.00	17.31 0.11 0.00	17.25 0.08 0.00	16.57 0.07 0.00	17.38 0.12 0.00	18.06 0.15 0.00	20.24 0.20 0.00	26.43 0.54 0.00	25.09 0.31 0.00	23.57 0.28 0.00	27.78 0.22 0.00	28.71 0.23 0.00	27.39 0.23 0.00	30.82 0.27 0.00	33.17 0.17 0.00	30.79 0.24 0.00	30.80 0.33 0.00	31.10 0.66 0.00	32.59 0.64 0.00	32.62 0.65 0.00	30.75 0.67 0.00	27.93 0.55 0.00	29.40 0.57 0.00	24.47 0.37 0.00
MILLIKEN___DIESEL 23629	17.24 0.13 0.00	17.31 0.11 0.00	17.25 0.08 0.00	16.57 0.07 0.00	17.38 0.12 0.00	18.06 0.15 0.00	20.24 0.20 0.00	26.43 0.54 0.00	25.09 0.31 0.00	23.57 0.28 0.00	27.78 0.22 0.00	28.71 0.23 0.00	27.39 0.23 0.00	30.82 0.27 0.00	33.17 0.17 0.00	30.79 0.24 0.00	30.80 0.33 0.00	31.10 0.66 0.00	32.59 0.64 0.00	32.62 0.65 0.00	30.75 0.67 0.00	27.93 0.55 0.00	29.40 0.57 0.00	24.47 0.37 0.00
MILLSEAT___LFGE 323607	16.62 -0.49 0.00	16.66 -0.54 0.00	16.53 -0.65 0.00	15.91 -0.59 0.00	16.71 -0.55 0.00	17.35 -0.55 0.00	19.47 -0.56 0.00	25.43 -0.46 0.00	24.05 -0.73 0.00	22.73 -0.56 0.00	26.96 -0.60 0.00	27.77 -0.71 0.00	26.34 -0.81 0.00	29.56 -1.00 0.00	31.71 -1.28 0.00	29.53 -1.03 0.00	29.74 -0.73 0.00	30.06 -0.39 0.00	31.39 -0.56 0.00	31.31 -0.66 0.00	29.77 -0.31 0.00	27.03 -0.35 0.00	28.57 -0.26 0.00	24.11 0.01 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	17.89 0.78 0.00	17.96 0.76 0.00	17.94 0.76 0.00	17.22 0.72 0.00	17.97 0.71 0.00	18.65 0.74 0.00	20.94 0.91 0.00	27.24 1.35 0.00	25.86 1.08 0.00	24.29 1.00 0.00	30.68 1.18 -1.94	29.80 1.27 -0.05	28.31 1.15 0.00	31.74 1.18 0.00	34.33 1.34 0.00	31.76 1.21 0.00	31.63 1.17 0.00	31.78 1.34 0.00	33.33 1.37 0.00	33.42 1.44 0.00	31.42 1.35 0.00	28.39 1.01 0.00	29.76 0.93 0.00	24.75 0.65 0.00
MILLWOOD_13_KV_LOAD 356217	17.93 0.82 0.00	18.00 0.80 0.00	17.98 0.80 0.00	17.25 0.75 0.00	18.00 0.74 0.00	18.70 0.79 0.00	20.99 0.96 0.00	27.31 1.42 0.00	25.93 1.15 0.00	24.36 1.07 0.00	30.76 1.26 -1.94	29.89 1.36 -0.05	28.39 1.23 0.00	31.84 1.27 0.00	34.43 1.43 0.00	31.85 1.30 0.00	31.73 1.26 0.00	31.87 1.43 0.00	33.42 1.47 0.00	33.52 1.55 0.00	31.51 1.43 0.00	28.47 1.09 0.00	29.82 1.00 0.00	24.80 0.70 0.00
MODEL_CITY_ENERGY 24167	16.10 -1.02 0.00	16.14 -1.06 0.00	16.01 -1.17 0.00	15.41 -1.10 0.00	16.18 -1.08 0.00	16.77 -1.14 0.00	18.77 -1.26 0.00	24.44 -1.45 0.00	23.11 -1.67 0.00	21.90 -1.39 0.00	25.89 -1.66 0.00	26.69 -1.79 0.00	25.44 -1.71 0.00	28.64 -1.92 0.00	30.68 -2.32 0.00	28.53 -2.03 0.00	28.70 -1.77 0.00	28.99 -1.46 0.00	30.20 -1.75 0.00	30.09 -1.89 0.00	28.63 -1.45 0.00	26.07 -1.31 0.00	27.63 -1.20 0.00	23.41 -0.68 0.00
MODERN_LFGE___ 323580	16.10 -1.02 0.00	16.14 -1.06 0.00	16.01 -1.17 0.00	15.41 -1.10 0.00	16.18 -1.08 0.00	16.77 -1.14 0.00	18.77 -1.26 0.00	24.44 -1.45 0.00	23.11 -1.67 0.00	21.90 -1.39 0.00	25.89 -1.66 0.00	26.69 -1.79 0.00	25.44 -1.71 0.00	28.64 -1.92 0.00	30.68 -2.32 0.00	28.53 -2.03 0.00	28.70 -1.77 0.00	28.99 -1.46 0.00	30.20 -1.75 0.00	30.09 -1.89 0.00	28.63 -1.45 0.00	26.07 -1.31 0.00	27.63 -1.20 0.00	23.41 -0.68 0.00
MOHAWK_PAPER___DRP 24187	17.56 0.45 0.00	17.66 0.46 0.00	17.65 0.47 0.00	16.96 0.46 0.00	17.71 0.45 0.00	18.38 0.47 0.00	20.58 0.54 0.00	26.67 0.78 0.00	25.37 0.59 0.00	23.89 0.60 0.00	28.59 0.67 -0.36	29.20 0.71 -0.01	27.79 0.63 0.00	31.21 0.65 0.00	33.72 0.73 0.00	31.22 0.66 0.00	31.09 0.62 0.00	31.16 0.72 0.00	32.76 0.81 0.00	32.86 0.89 0.00	30.84 0.76 0.00	27.91 0.52 0.00	29.24 0.41 0.00	24.37 0.27 0.00
MOHICAN__35_KV_115KV_LD 80490	17.61 0.50 0.00	17.73 0.52 0.00	17.73 0.55 0.00	17.05 0.55 0.00	17.83 0.57 0.00	18.56 0.65 0.00	20.88 0.84 0.00	26.98 1.09 0.00	25.74 0.96 0.00	24.27 0.98 0.00	29.01 1.13 -0.33	29.71 1.22 -0.01	28.05 0.89 0.00	31.52 0.96 0.00	34.04 1.04 0.00	31.54 0.98 0.00	31.37 0.91 0.00	31.57 1.13 0.00	33.31 1.36 0.00	33.55 1.57 0.00	31.42 1.34 0.00	28.29 0.91 0.00	29.52 0.69 0.00	24.53 0.43 0.00
MONGAUP___HYD 23641	17.71 0.60 0.00	17.77 0.57 0.00	17.79 0.61 0.00	17.03 0.53 0.00	17.84 0.58 0.00	18.48 0.57 0.00	20.63 0.60 0.00	26.86 0.97 0.00	25.70 0.93 0.00	24.14 0.85 0.00	26.72 0.94 1.77	29.35 0.92 0.04	27.97 0.82 0.00	31.45 0.89 0.00	34.06 1.07 0.00	31.43 0.88 0.00	31.32 0.85 0.00	31.38 0.93 0.00	32.86 0.91 0.00	33.15 1.17 0.00	31.47 1.39 0.00	28.41 1.03 0.00	29.79 0.96 0.00	24.67 0.57 0.00
MONTAUK___DIESEL 23721	18.40 1.29 0.00	18.49 1.29 0.00	18.46 1.29 0.00	17.61 1.11 0.00	18.29 1.03 0.00	18.94 1.03 0.00	21.52 1.49 0.00	28.05 2.16 0.00	26.38 1.61 0.00	24.80 1.51 0.00	31.32 2.05 -1.71	30.70 2.18 -0.04	29.19 2.03 0.00	32.55 1.99 0.00	35.57 2.58 0.00	32.94 2.39 0.00	32.67 2.21 0.00	32.74 2.30 0.00	34.32 2.37 0.00	34.47 2.50 0.00	32.36 2.28 0.00	29.21 1.83 0.00	30.40 1.58 0.00	25.17 1.07 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	16.77 -0.34 0.00	16.81 -0.39 0.00	16.48 -0.70 0.00	15.99 -0.51 0.00	16.96 -0.30 0.00	17.51 -0.40 0.00	19.71 -0.32 0.00	26.18 0.29 0.00	24.75 -0.03 0.00	23.10 -0.19 0.00	27.29 -0.26 0.00	28.27 -0.20 0.00	26.89 -0.26 0.00	30.43 -0.13 0.00	32.43 -0.56 0.00	30.08 -0.48 0.00	29.86 -0.61 0.00	30.52 0.07 0.00	32.15 0.20 0.00	32.25 0.28 0.00	30.68 0.60 0.00	27.58 0.20 0.00	28.99 0.16 0.00	24.15 0.05 0.00
MORTIMER_115KV_TB3 55949	16.72 -0.39 0.00	16.77 -0.43 0.00	16.67 -0.51 0.00	16.03 -0.48 0.00	16.82 -0.44 0.00	17.47 -0.44 0.00	19.57 -0.47 0.00	25.54 -0.34 0.00	24.26 -0.52 0.00	22.90 -0.39 0.00	27.11 -0.45 0.00	28.00 -0.47 0.00	26.64 -0.52 0.00	29.96 -0.60 0.00	32.22 -0.77 0.00	29.94 -0.62 0.00	29.96 -0.51 0.00	30.15 -0.29 0.00	31.54 -0.42 0.00	31.48 -0.50 0.00	29.80 -0.27 0.00	27.06 -0.32 0.00	28.54 -0.29 0.00	23.98 -0.11 0.00

MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	17.98 0.87 0.00	18.05 0.85 0.00	18.02 0.85 0.00	17.30 0.80 0.00	18.05 0.79 0.00	18.74 0.84 0.00	21.05 1.02 0.00	27.41 1.52 0.00	26.04 1.26 0.00	24.46 1.17 0.00	30.65 1.38 -1.72	30.01 1.49 -0.04	28.51 1.35 0.00	31.96 1.40 0.00	34.55 1.55 0.00	31.95 1.40 0.00	31.83 1.36 0.00	31.99 1.54 0.00	33.51 1.56 0.00	33.60 1.63 0.00	31.59 1.51 0.00	28.53 1.15 0.00	29.89 1.06 0.00	24.86 0.76 0.00
MUNSVILLE_WIND_PWR 323609	17.57 0.45 0.00	17.76 0.56 0.00	17.77 0.59 0.00	17.00 0.49 0.00	17.88 0.62 0.00	18.71 0.80 0.00	21.12 1.09 0.00	27.62 1.73 0.00	26.28 1.50 0.00	24.72 1.43 0.00	29.21 1.65 0.00	30.05 1.57 0.00	28.76 1.60 0.00	32.44 1.88 0.00	34.80 1.81 0.00	32.45 1.90 0.00	32.71 2.24 0.00	33.15 2.70 0.00	34.64 2.69 0.00	34.57 2.60 0.00	32.61 2.53 0.00	29.57 2.19 0.00	30.84 2.01 0.00	25.52 1.42 0.00
N SALMON___HYD 24042	16.64 -0.47 0.00	16.88 -0.32 0.00	16.94 -0.24 0.00	16.20 -0.30 0.00	16.85 -0.42 0.00	17.46 -0.45 0.00	19.45 -0.58 0.00	25.23 -0.66 0.00	24.42 -0.36 0.00	22.96 -0.33 0.00	27.27 -0.29 0.00	28.22 -0.26 0.00	27.11 -0.04 0.00	30.78 0.22 0.00	33.32 0.33 0.00	30.77 0.22 0.00	30.79 0.32 0.00	30.80 0.36 0.00	32.66 0.71 0.00	32.59 0.62 0.00	30.55 0.47 0.00	27.80 0.42 0.00	29.28 0.45 0.00	24.68 0.58 0.00
N.AKRON___115KV_KNAPP 355671	16.55 -0.57 0.00	16.59 -0.61 0.00	16.44 -0.74 0.00	15.82 -0.68 0.00	16.62 -0.64 0.00	17.27 -0.64 0.00	19.37 -0.67 0.00	25.28 -0.60 0.00	23.91 -0.87 0.00	22.61 -0.68 0.00	26.79 -0.76 0.00	27.59 -0.89 0.00	26.19 -0.96 0.00	29.44 -1.12 0.00	31.56 -1.43 0.00	29.41 -1.15 0.00	29.60 -0.87 0.00	29.91 -0.53 0.00	31.22 -0.73 0.00	31.13 -0.85 0.00	29.60 -0.48 0.00	26.89 -0.49 0.00	28.45 -0.38 0.00	24.03 -0.07 0.00
N.BELMOR_69_KV_BK1 55787	18.06 0.95 0.00	18.13 0.93 0.00	18.07 0.89 0.00	17.26 0.76 0.00	17.98 0.72 0.00	18.64 0.73 0.00	20.98 0.94 0.00	27.31 1.42 0.00	25.86 1.09 0.00	24.31 1.02 0.00	30.68 1.41 -1.71	30.09 1.55 -0.05	28.57 1.41 0.00	31.89 1.33 0.00	34.80 1.80 0.00	32.20 1.65 0.00	31.90 1.43 0.00	32.00 1.55 0.00	33.52 1.57 0.00	33.65 1.68 0.00	31.64 1.57 0.00	28.59 1.21 0.00	29.86 1.03 0.00	24.82 0.72 0.00
N.E_GEN_SANDY PD 24062	17.72 0.60 0.00	17.82 0.62 0.00	17.83 0.65 0.00	17.13 0.63 0.00	17.87 0.61 0.00	18.55 0.64 0.00	21.17 0.74 -0.40	26.88 0.99 0.00	25.45 0.67 0.00	23.92 0.63 0.00	29.01 0.75 -0.71	29.28 0.78 -0.02	29.35 0.72 -1.46	31.27 0.71 0.00	33.81 0.81 0.00	31.28 0.73 0.00	31.13 0.66 0.00	31.24 0.80 0.00	32.89 0.94 0.00	33.07 1.10 0.00	30.28 0.95 0.74	28.00 0.62 0.00	29.29 0.46 0.00	24.38 0.29 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	17.84 0.73 0.00	17.91 0.70 0.00	17.89 0.71 0.00	17.17 0.66 0.00	17.92 0.66 0.00	18.61 0.70 0.00	20.89 0.85 0.00	27.16 1.27 0.00	25.74 0.97 0.00	24.16 0.87 0.00	25.71 1.00 2.84	29.48 1.07 0.07	28.13 0.97 0.00	31.55 0.99 0.00	34.11 1.12 0.00	31.56 1.00 0.00	31.46 0.99 0.00	31.61 1.17 0.00	33.15 1.19 0.00	33.25 1.27 0.00	31.27 1.19 0.00	28.27 0.89 0.00	29.70 0.87 0.00	24.70 0.60 0.00
N.QUEENS_27_KV_LOAD 356247	18.10 0.99 0.00	18.15 0.96 0.00	18.13 0.95 0.00	17.39 0.89 0.00	18.14 0.88 0.00	18.84 0.93 0.00	21.14 1.10 -0.01	27.44 1.56 0.00	26.14 1.36 0.00	24.54 1.25 0.00	30.69 1.41 -1.72	30.08 1.56 -0.04	28.55 1.39 0.00	32.04 1.48 0.00	34.63 1.63 0.00	31.97 1.41 0.00	31.86 1.39 0.00	32.03 1.59 0.00	33.49 1.54 0.00	33.58 1.60 0.00	31.61 1.53 0.00	28.56 1.19 0.00	29.92 1.09 0.00	24.87 0.78 0.00
N.TROY___115KV_TB1 355778	17.59 0.48 0.00	17.70 0.50 0.00	17.70 0.52 0.00	17.01 0.51 0.00	17.77 0.51 0.00	18.45 0.54 0.00	20.65 0.61 0.00	26.69 0.80 0.00	25.35 0.58 0.00	23.85 0.56 0.00	28.56 0.65 -0.36	29.15 0.65 -0.01	27.77 0.61 0.00	31.17 0.60 0.00	33.67 0.68 0.00	31.18 0.63 0.00	31.02 0.56 0.00	31.08 0.64 0.00	32.76 0.81 0.00	32.90 0.93 0.00	30.84 0.76 0.00	27.90 0.52 0.00	29.23 0.40 0.00	24.36 0.26 0.00
NARROWS_GT1_1 24228	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.44 0.94 0.00	18.20 0.93 0.00	18.91 1.00 0.00	21.24 1.20 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.74 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
NARROWS_GT1_2 24229	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.44 0.94 0.00	18.20 0.93 0.00	18.91 1.00 0.00	21.24 1.20 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.74 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
NARROWS_GT1_3 24230	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.44 0.94 0.00	18.20 0.93 0.00	18.91 1.00 0.00	21.24 1.20 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.74 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
NARROWS_GT1_4 24231	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.44 0.94 0.00	18.20 0.93 0.00	18.91 1.00 0.00	21.24 1.20 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.74 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
NARROWS_GT1_5 24232	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.44 0.94 0.00	18.20 0.93 0.00	18.91 1.00 0.00	21.24 1.20 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.74 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
NARROWS_GT1_6 24233	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.44 0.94 0.00	18.20 0.93 0.00	18.91 1.00 0.00	21.24 1.20 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.74 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00

NARROWS_GT1_7 24234	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.44 0.94 0.00	18.20 0.93 0.00	18.91 1.00 0.00	21.24 1.20 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.74 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
NARROWS_GT1_8 24235	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.44 0.94 0.00	18.20 0.93 0.00	18.91 1.00 0.00	21.24 1.20 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.74 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
NARROWS_GT2_1 24236	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.44 0.94 0.00	18.20 0.93 0.00	18.91 1.00 0.00	21.24 1.20 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.74 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
NARROWS_GT2_2 24237	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.44 0.94 0.00	18.20 0.93 0.00	18.91 1.00 0.00	21.24 1.20 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.74 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
NARROWS_GT2_3 24238	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.44 0.94 0.00	18.20 0.93 0.00	18.91 1.00 0.00	21.24 1.20 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.74 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
NARROWS_GT2_4 24239	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.44 0.94 0.00	18.20 0.93 0.00	18.91 1.00 0.00	21.24 1.20 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.74 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
NARROWS_GT2_5 24240	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.44 0.94 0.00	18.20 0.93 0.00	18.91 1.00 0.00	21.24 1.20 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.74 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
NARROWS_GT2_6 24241	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.44 0.94 0.00	18.20 0.93 0.00	18.91 1.00 0.00	21.24 1.20 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.74 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
NARROWS_GT2_7 24242	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.44 0.94 0.00	18.20 0.93 0.00	18.91 1.00 0.00	21.24 1.20 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.74 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
NARROWS_GT2_8 24243	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.44 0.94 0.00	18.20 0.93 0.00	18.91 1.00 0.00	21.24 1.20 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.74 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	17.73 0.62 0.00	17.84 0.64 0.00	17.83 0.65 0.00	17.13 0.63 0.00	17.93 0.67 0.00	18.60 0.69 0.00	20.85 0.81 0.00	27.06 1.18 0.00	25.82 1.04 0.00	24.26 0.97 0.00	28.54 0.99 0.00	29.52 1.04 0.00	28.11 0.95 0.00	31.58 1.02 0.00	34.15 1.15 0.00	31.63 1.08 0.00	31.52 1.05 0.00	31.63 1.18 0.00	33.34 1.39 0.00	33.49 1.52 0.00	31.40 1.32 0.00	28.39 1.01 0.00	29.67 0.84 0.00	24.70 0.60 0.00
NCHELSEA_115KV_TR2 355582	18.08 0.97 0.00	18.15 0.96 0.00	18.13 0.95 0.00	17.40 0.90 0.00	18.18 0.92 0.00	18.89 0.99 0.00	21.24 1.20 0.00	27.65 1.76 0.00	26.36 1.58 0.00	24.65 1.36 0.00	29.12 1.57 0.00	30.13 1.65 0.00	28.65 1.50 0.00	32.16 1.60 0.00	34.76 1.77 0.00	32.15 1.60 0.00	32.05 1.58 0.00	32.22 1.78 0.00	33.83 1.87 0.00	33.94 1.96 0.00	31.90 1.83 0.00	28.82 1.44 0.00	30.18 1.35 0.00	25.08 0.98 0.00
NEG CAPITAL___MECHNVIL 23645	17.74 0.63 0.00	17.86 0.65 0.00	17.85 0.67 0.00	17.16 0.66 0.00	17.94 0.67 0.00	18.60 0.69 0.00	20.89 0.85 0.00	27.07 1.19 0.00	25.76 0.98 0.00	24.20 0.91 0.00	28.96 1.06 -0.34	29.64 1.16 -0.01	28.15 0.99 0.00	31.58 1.02 0.00	34.12 1.12 0.00	31.60 1.04 0.00	31.45 0.98 0.00	31.57 1.13 0.00	33.25 1.30 0.00	33.40 1.42 0.00	31.31 1.23 0.00	28.28 0.90 0.00	29.59 0.76 0.00	24.64 0.54 0.00
NEG CENTRAL_HIGH_ACRES 23767	16.46 -0.65 0.00	16.51 -0.69 0.00	16.43 -0.75 0.00	15.79 -0.72 0.00	16.57 -0.69 0.00	17.22 -0.69 0.00	19.30 -0.73 0.00	25.20 -0.69 0.00	23.95 -0.83 0.00	22.58 -0.71 0.00	26.72 -0.84 0.00	27.57 -0.91 0.00	26.26 -0.89 0.00	29.53 -1.03 0.00	31.72 -1.28 0.00	29.48 -1.08 0.00	29.47 -1.00 0.00	29.65 -0.79 0.00	31.04 -0.91 0.00	30.99 -0.98 0.00	29.31 -0.77 0.00	26.62 -0.76 0.00	28.03 -0.80 0.00	23.52 -0.57 0.00
NEG CENTRAL___DRP 24199	16.93 -0.18 0.00	16.98 -0.22 0.00	16.91 -0.27 0.00	16.27 -0.23 0.00	17.07 -0.19 0.00	17.73 -0.18 0.00	19.89 -0.14 0.00	26.01 0.12 0.00	24.67 -0.10 0.00	23.17 -0.12 0.00	27.37 -0.19 0.00	28.29 -0.19 0.00	26.91 -0.25 0.00	30.21 -0.36 0.00	32.45 -0.54 0.00	30.22 -0.34 0.00	30.19 -0.28 0.00	30.44 0.00 0.00	31.86 -0.09 0.00	31.89 -0.08 0.00	30.12 0.04 0.00	27.42 0.04 0.00	28.87 0.05 0.00	24.08 -0.02 0.00



NEG CENTRAL___INDECK 23768	17.08 -0.03 0.00	17.10 -0.10 0.00	17.03 -0.15 0.00	16.39 -0.11 0.00	17.28 0.01 0.00	17.94 0.03 0.00	20.23 0.20 0.00	26.61 0.72 0.00	25.20 0.43 0.00	23.74 0.45 0.00	27.93 0.37 0.00	28.73 0.25 0.00	27.11 -0.05 0.00	30.46 -0.10 0.00	32.65 -0.34 0.00	30.35 -0.20 0.00	30.38 -0.09 0.00	30.62 0.18 0.00	32.39 0.44 0.00	32.48 0.51 0.00	30.96 0.88 0.00	28.20 0.82 0.00	29.67 0.84 0.00	24.73 0.63 0.00
NEG CENTRAL___SENECA 23627	16.94 -0.17 0.00	16.97 -0.23 0.00	16.91 -0.27 0.00	16.28 -0.23 0.00	17.10 -0.17 0.00	17.75 -0.15 0.00	19.95 -0.08 0.00	26.17 0.28 0.00	24.77 -0.01 0.00	23.26 -0.03 0.00	27.47 -0.09 0.00	28.39 -0.09 0.00	26.99 -0.17 0.00	30.26 -0.30 0.00	32.49 -0.50 0.00	30.30 -0.25 0.00	30.23 -0.24 0.00	30.52 0.08 0.00	31.92 -0.04 0.00	31.96 -0.01 0.00	30.23 0.15 0.00	27.56 0.18 0.00	29.00 0.17 0.00	24.16 0.06 0.00
NEG CENTRAL___STATE_STREET 24147	17.09 -0.02 0.00	17.16 -0.04 0.00	17.08 -0.10 0.00	16.41 -0.09 0.00	17.18 -0.08 0.00	17.84 -0.07 0.00	19.97 -0.06 0.00	26.01 0.12 0.00	24.73 -0.05 0.00	23.24 -0.05 0.00	27.45 -0.10 0.00	28.35 -0.13 0.00	27.01 -0.15 0.00	30.37 -0.18 0.00	32.68 -0.31 0.00	30.34 -0.21 0.00	30.36 -0.11 0.00	30.59 0.15 0.00	32.06 0.11 0.00	32.07 0.10 0.00	30.24 0.16 0.00	27.48 0.10 0.00	29.04 0.21 0.00	24.24 0.14 0.00
NEG MILLWOOD___DRP 24198	18.08 0.97 0.00	18.16 0.96 0.00	18.13 0.96 0.00	17.40 0.90 0.00	18.18 0.92 0.00	18.89 0.98 0.00	21.23 1.20 0.00	27.65 1.76 0.00	26.31 1.54 0.00	24.68 1.39 0.00	29.64 1.63 -0.46	30.22 1.73 -0.01	28.73 1.58 0.00	32.23 1.67 0.00	34.84 1.85 0.00	32.23 1.68 0.00	32.11 1.64 0.00	32.29 1.85 0.00	33.89 1.94 0.00	33.98 2.01 0.00	31.95 1.87 0.00	28.86 1.47 0.00	30.20 1.37 0.00	25.08 0.98 0.00
NEG NORTH_FLCN_SEA 23793	16.82 -0.29 0.00	16.96 -0.24 0.00	16.98 -0.20 0.00	16.20 -0.30 0.00	16.63 -0.63 0.00	17.21 -0.69 0.00	19.13 -0.91 0.00	24.82 -1.07 0.00	24.03 -0.75 0.00	22.66 -0.63 0.00	26.82 -0.73 0.00	27.94 -0.54 0.00	26.83 -0.32 0.00	30.63 0.07 0.00	33.33 0.33 0.00	30.87 0.32 0.00	30.99 0.52 0.00	31.29 0.84 0.00	33.40 1.45 0.00	33.47 1.50 0.00	31.29 1.21 0.00	28.30 0.92 0.00	29.82 1.00 0.00	25.17 1.07 0.00
NEG NORTH_KES_CHATEGAY 23792	16.70 -0.41 0.00	16.84 -0.36 0.00	16.92 -0.26 0.00	16.15 -0.35 0.00	16.77 -0.49 0.00	17.36 -0.55 0.00	19.31 -0.72 0.00	25.04 -0.85 0.00	24.22 -0.55 0.00	22.80 -0.49 0.00	27.07 -0.49 0.00	28.06 -0.42 0.00	26.97 -0.19 0.00	30.65 0.09 0.00	33.21 0.22 0.00	30.68 0.12 0.00	30.71 0.24 0.00	30.75 0.30 0.00	32.65 0.70 0.00	32.61 0.64 0.00	30.53 0.45 0.00	27.80 0.42 0.00	29.31 0.48 0.00	24.72 0.62 0.00
NEG NORTH___ALICE_FALLS 23915	16.84 -0.27 0.00	16.97 -0.23 0.00	17.00 -0.18 0.00	16.23 -0.27 0.00	16.69 -0.57 0.00	17.29 -0.62 0.00	19.23 -0.80 0.00	24.97 -0.92 0.00	24.17 -0.61 0.00	22.80 -0.49 0.00	27.00 -0.55 0.00	28.09 -0.39 0.00	26.99 -0.17 0.00	30.77 0.21 0.00	33.44 0.45 0.00	30.97 0.42 0.00	31.07 0.61 0.00	31.35 0.90 0.00	33.43 1.48 0.00	33.47 1.49 0.00	31.29 1.21 0.00	28.33 0.94 0.00	29.82 1.00 0.00	25.15 1.06 0.00
NEG NORTH___LWR_SARANAC 23913	16.84 -0.27 0.00	16.97 -0.23 0.00	17.00 -0.18 0.00	16.23 -0.27 0.00	16.69 -0.57 0.00	17.29 -0.62 0.00	19.23 -0.80 0.00	24.97 -0.92 0.00	24.17 -0.61 0.00	22.80 -0.49 0.00	27.00 -0.55 0.00	28.09 -0.39 0.00	26.99 -0.17 0.00	30.77 0.21 0.00	33.44 0.45 0.00	30.97 0.42 0.00	31.07 0.61 0.00	31.35 0.90 0.00	33.43 1.48 0.00	33.47 1.49 0.00	31.29 1.21 0.00	28.33 0.94 0.00	29.82 1.00 0.00	25.15 1.06 0.00
NEG NORTH___PLATTSBURG 23628	16.84 -0.27 0.00	16.97 -0.23 0.00	17.00 -0.18 0.00	16.23 -0.27 0.00	16.69 -0.57 0.00	17.29 -0.62 0.00	19.23 -0.80 0.00	24.97 -0.92 0.00	24.17 -0.61 0.00	22.80 -0.49 0.00	27.00 -0.55 0.00	28.09 -0.39 0.00	26.99 -0.17 0.00	30.77 0.21 0.00	33.44 0.45 0.00	30.97 0.42 0.00	31.07 0.61 0.00	31.35 0.90 0.00	33.43 1.48 0.00	33.47 1.49 0.00	31.29 1.21 0.00	28.32 0.94 0.00	29.82 1.00 0.00	25.16 1.06 0.00
NEG WEST_LEA_LOCKPORT 23791	16.29 -0.82 0.00	16.33 -0.87 0.00	16.18 -0.99 0.00	15.58 -0.92 0.00	16.36 -0.90 0.00	16.98 -0.93 0.00	18.99 -1.05 0.00	24.78 -1.11 0.00	23.43 -1.34 0.00	22.19 -1.10 0.00	26.24 -1.32 0.00	27.05 -1.42 0.00	25.76 -1.40 0.00	29.01 -1.55 0.00	31.07 -1.92 0.00	28.91 -1.64 0.00	29.07 -1.40 0.00	29.37 -1.08 0.00	30.62 -1.33 0.00	30.51 -1.46 0.00	29.04 -1.04 0.00	26.41 -0.97 0.00	27.99 -0.84 0.00	23.69 -0.41 0.00
NEG WEST___LANCASTR 23811	16.81 -0.30 0.00	16.84 -0.36 0.00	16.72 -0.46 0.00	16.09 -0.41 0.00	16.91 -0.35 0.00	17.52 -0.38 0.00	19.56 -0.47 0.00	25.71 -0.18 0.00	24.32 -0.46 0.00	22.95 -0.34 0.00	27.13 -0.42 0.00	28.00 -0.47 0.00	26.61 -0.55 0.00	29.99 -0.57 0.00	32.12 -0.87 0.00	29.85 -0.70 0.00	29.84 -0.63 0.00	30.25 -0.19 0.00	31.55 -0.40 0.00	31.47 -0.50 0.00	29.90 -0.18 0.00	27.24 -0.14 0.00	28.83 0.00 0.00	24.23 0.14 0.00
NEG_PENN_ALLEGHNY 23528	17.07 -0.05 0.00	17.12 -0.09 0.00	17.08 -0.10 0.00	16.42 -0.08 0.00	17.21 -0.05 0.00	17.86 -0.04 0.00	20.02 -0.01 0.00	26.21 0.32 0.00	24.84 0.06 0.00	23.32 0.03 0.00	27.58 0.03 0.00	28.49 0.01 0.00	27.08 -0.08 0.00	30.50 -0.06 0.00	32.81 -0.19 0.00	30.44 -0.12 0.00	30.32 -0.15 0.00	30.69 0.24 0.00	32.08 0.13 0.00	32.09 0.11 0.00	30.26 0.18 0.00	27.53 0.15 0.00	29.01 0.19 0.00	24.12 0.02 0.00
NEG___GEN_MONROE 24207	16.81 -0.30 0.00	16.86 -0.34 0.00	16.75 -0.43 0.00	16.11 -0.40 0.00	16.91 -0.35 0.00	17.57 -0.33 0.00	19.70 -0.34 0.00	25.71 -0.17 0.00	24.39 -0.39 0.00	23.02 -0.27 0.00	27.27 -0.28 0.00	28.16 -0.32 0.00	26.75 -0.40 0.00	30.05 -0.50 0.00	32.33 -0.66 0.00	30.04 -0.52 0.00	30.10 -0.37 0.00	30.33 -0.11 0.00	31.73 -0.22 0.00	31.68 -0.30 0.00	30.01 -0.07 0.00	27.24 -0.14 0.00	28.73 -0.10 0.00	24.16 0.06 0.00
NEPA___ENERGY 23901	16.81 -0.30 0.00	16.82 -0.38 0.00	16.68 -0.50 0.00	16.10 -0.40 0.00	16.94 -0.32 0.00	17.53 -0.38 0.00	19.60 -0.44 0.00	25.94 0.05 0.00	24.39 -0.39 0.00	22.87 -0.42 0.00	27.05 -0.50 0.00	27.97 -0.51 0.00	26.51 -0.64 0.00	29.96 -0.60 0.00	32.03 -0.97 0.00	29.74 -0.81 0.00	29.46 -1.01 0.00	30.18 -0.27 0.00	31.50 -0.45 0.00	31.50 -0.47 0.00	29.87 -0.21 0.00	27.21 -0.17 0.00	28.84 0.01 0.00	24.00 -0.09 0.00
NEVERSINK___HYD 23608	17.97 0.86 0.00	18.04 0.84 0.00	18.01 0.83 0.00	17.29 0.79 0.00	18.08 0.82 0.00	18.80 0.90 0.00	21.14 1.11 0.00	27.76 1.87 0.00	26.49 1.71 0.00	24.89 1.60 0.00	28.83 1.89 0.62	30.60 2.14 0.01	29.34 2.19 0.00	33.00 2.44 0.00	35.58 2.59 0.00	32.66 2.10 0.00	32.48 2.01 0.00	32.45 2.01 0.00	34.02 2.07 0.00	33.52 1.54 0.00	31.51 1.43 0.00	28.47 1.09 0.00	29.82 0.99 0.00	24.77 0.67 0.00

NEWKRMKL_115KV_TB1 55635	17.33 0.22 0.00	17.44 0.24 0.00	17.42 0.25 0.00	16.74 0.24 0.00	17.49 0.23 0.00	18.12 0.20 0.00	20.26 0.22 0.00	26.30 0.41 0.00	25.04 0.26 0.00	23.54 0.25 0.00	28.13 0.23 -0.34	28.74 0.25 -0.01	27.37 0.22 0.00	30.74 0.18 0.00	33.21 0.22 0.00	30.75 0.19 0.00	30.64 0.16 0.00	30.69 0.25 0.00	32.25 0.30 0.00	32.33 0.36 0.00	30.35 0.27 0.00	27.47 0.08 0.00	28.77 -0.06 0.00	23.97 -0.12 0.00
NEWTON___FALLS_HYD 23847	16.04 -1.07 0.00	16.33 -0.87 0.00	16.41 -0.77 0.00	15.76 -0.74 0.00	16.56 -0.70 0.00	17.24 -0.67 0.00	19.29 -0.74 0.00	24.96 -0.93 0.00	23.98 -0.80 0.00	22.44 -0.85 0.00	26.55 -1.01 0.00	27.42 -1.06 0.00	26.31 -0.85 0.00	29.85 -0.71 0.00	32.36 -0.63 0.00	29.99 -0.56 0.00	30.02 -0.45 0.00	29.99 -0.45 0.00	31.59 -0.36 0.00	31.56 -0.41 0.00	29.65 -0.43 0.00	26.92 -0.47 0.00	28.20 -0.62 0.00	23.73 -0.37 0.00
NGRID_A1_DSASP 323792	16.02 -1.09 0.00	16.06 -1.14 0.00	15.93 -1.25 0.00	15.33 -1.17 0.00	16.10 -1.16 0.00	16.68 -1.23 0.00	18.66 -1.37 0.00	24.27 -1.61 0.00	22.96 -1.81 0.00	21.76 -1.53 0.00	25.73 -1.82 0.00	26.53 -1.95 0.00	25.29 -1.87 0.00	28.47 -2.09 0.00	30.49 -2.51 0.00	28.35 -2.21 0.00	28.52 -1.95 0.00	28.80 -1.64 0.00	30.00 -1.95 0.00	29.87 -2.10 0.00	28.44 -1.64 0.00	25.90 -1.48 0.00	27.46 -1.37 0.00	23.28 -0.82 0.00
NGRID_A2_DSASP 323793	16.02 -1.09 0.00	16.06 -1.14 0.00	15.93 -1.25 0.00	15.33 -1.17 0.00	16.10 -1.16 0.00	16.68 -1.23 0.00	18.66 -1.37 0.00	24.27 -1.61 0.00	22.96 -1.81 0.00	21.76 -1.53 0.00	25.73 -1.82 0.00	26.53 -1.95 0.00	25.29 -1.87 0.00	28.47 -2.09 0.00	30.49 -2.51 0.00	28.35 -2.21 0.00	28.52 -1.95 0.00	28.80 -1.64 0.00	30.00 -1.95 0.00	29.87 -2.10 0.00	28.44 -1.64 0.00	25.90 -1.48 0.00	27.46 -1.37 0.00	23.28 -0.82 0.00
NGRID_A4_DSASP 323807	16.02 -1.09 0.00	16.06 -1.14 0.00	15.93 -1.25 0.00	15.33 -1.17 0.00	16.10 -1.16 0.00	16.68 -1.23 0.00	18.66 -1.37 0.00	24.27 -1.61 0.00	22.96 -1.81 0.00	21.76 -1.53 0.00	25.73 -1.82 0.00	26.53 -1.95 0.00	25.29 -1.87 0.00	28.47 -2.09 0.00	30.49 -2.51 0.00	28.35 -2.21 0.00	28.52 -1.95 0.00	28.80 -1.64 0.00	30.00 -1.95 0.00	29.87 -2.10 0.00	28.44 -1.64 0.00	25.90 -1.48 0.00	27.46 -1.37 0.00	23.28 -0.82 0.00
NIAGARA_115E_LBMP 323715	15.99 -1.12 0.00	16.04 -1.16 0.00	15.90 -1.28 0.00	15.31 -1.19 0.00	16.07 -1.20 0.00	16.65 -1.25 0.00	18.64 -1.39 0.00	24.25 -1.64 0.00	22.94 -1.83 0.00	21.74 -1.55 0.00	25.70 -1.85 0.00	26.50 -1.98 0.00	25.27 -1.89 0.00	28.44 -2.12 0.00	30.46 -2.53 0.00	28.32 -2.24 0.00	28.49 -1.98 0.00	28.77 -1.67 0.00	29.97 -1.98 0.00	29.84 -2.13 0.00	28.41 -1.67 0.00	25.87 -1.51 0.00	27.43 -1.40 0.00	23.27 -0.83 0.00
NIAGARA_115W_LBMP 323714	15.96 -1.15 0.00	16.01 -1.19 0.00	15.88 -1.30 0.00	15.28 -1.22 0.00	16.04 -1.22 0.00	16.62 -1.29 0.00	18.60 -1.43 0.00	24.17 -1.71 0.00	22.85 -1.92 0.00	21.66 -1.63 0.00	25.61 -1.95 0.00	26.40 -2.08 0.00	25.17 -1.98 0.00	28.33 -2.23 0.00	30.34 -2.66 0.00	28.20 -2.36 0.00	28.38 -2.09 0.00	28.66 -1.79 0.00	29.85 -2.11 0.00	29.73 -2.25 0.00	28.30 -1.78 0.00	25.76 -1.62 0.00	27.32 -1.50 0.00	23.17 -0.93 0.00
NIAGARA_230_LBMP 323716	16.22 -0.89 0.00	16.27 -0.93 0.00	16.14 -1.03 0.00	15.53 -0.97 0.00	16.31 -0.96 0.00	16.88 -1.03 0.00	18.82 -1.22 0.00	24.57 -1.31 0.00	23.28 -1.50 0.00	22.05 -1.24 0.00	26.08 -1.48 0.00	26.91 -1.57 0.00	25.65 -1.50 0.00	28.90 -1.66 0.00	30.95 -2.05 0.00	28.77 -1.78 0.00	28.90 -1.57 0.00	29.16 -1.28 0.00	30.40 -1.55 0.00	30.28 -1.69 0.00	28.80 -1.28 0.00	26.22 -1.16 0.00	27.77 -1.06 0.00	23.52 -0.58 0.00
NIAGARA___115KV_198_GIBSON 55903	15.96 -1.15 0.00	16.01 -1.19 0.00	15.86 -1.32 0.00	15.27 -1.23 0.00	16.03 -1.23 0.00	16.62 -1.29 0.00	18.60 -1.43 0.00	24.17 -1.71 0.00	22.85 -1.92 0.00	21.65 -1.64 0.00	25.61 -1.95 0.00	26.40 -2.08 0.00	25.17 -1.99 0.00	28.33 -2.23 0.00	30.34 -2.66 0.00	28.20 -2.36 0.00	28.38 -2.09 0.00	28.66 -1.79 0.00	29.84 -2.11 0.00	29.73 -2.25 0.00	28.30 -1.78 0.00	25.75 -1.63 0.00	27.32 -1.51 0.00	23.17 -0.93 0.00
NIAGARA___ 23760	16.22 -0.89 0.00	16.27 -0.93 0.00	16.14 -1.03 0.00	15.53 -0.97 0.00	16.31 -0.96 0.00	16.88 -1.03 0.00	18.82 -1.22 0.00	24.57 -1.31 0.00	23.28 -1.50 0.00	22.05 -1.24 0.00	26.08 -1.48 0.00	26.91 -1.57 0.00	25.65 -1.50 0.00	28.90 -1.66 0.00	30.95 -2.05 0.00	28.77 -1.78 0.00	28.90 -1.57 0.00	29.16 -1.28 0.00	30.40 -1.55 0.00	30.28 -1.69 0.00	28.80 -1.28 0.00	26.22 -1.16 0.00	27.77 -1.06 0.00	23.52 -0.58 0.00
NINE_MILE_1 23575	16.57 -0.54 0.00	16.64 -0.56 0.00	16.60 -0.58 0.00	15.95 -0.55 0.00	16.71 -0.55 0.00	17.35 -0.56 0.00	19.40 -0.64 0.00	25.16 -0.73 0.00	24.00 -0.78 0.00	22.57 -0.72 0.00	26.70 -0.86 0.00	27.58 -0.90 0.00	26.29 -0.87 0.00	29.58 -0.98 0.00	31.88 -1.11 0.00	29.56 -1.00 0.00	29.55 -0.92 0.00	29.67 -0.77 0.00	31.11 -0.84 0.00	31.12 -0.86 0.00	29.31 -0.77 0.00	26.65 -0.74 0.00	28.04 -0.79 0.00	23.42 -0.67 0.00
NINE_MILE_2 23744	16.57 -0.54 0.00	16.65 -0.55 0.00	16.60 -0.58 0.00	15.96 -0.54 0.00	16.71 -0.55 0.00	17.35 -0.56 0.00	19.40 -0.63 0.00	25.16 -0.73 0.00	24.00 -0.77 0.00	22.57 -0.72 0.00	26.70 -0.86 0.00	27.58 -0.89 0.00	26.29 -0.87 0.00	29.58 -0.98 0.00	31.88 -1.11 0.00	29.56 -1.00 0.00	29.56 -0.91 0.00	29.67 -0.77 0.00	31.11 -0.84 0.00	31.12 -0.86 0.00	29.31 -0.77 0.00	26.65 -0.74 0.00	28.04 -0.79 0.00	23.43 -0.67 0.00
NM_CAPITAL___DRP 24208	17.37 0.25 0.00	17.47 0.27 0.00	17.46 0.28 0.00	16.77 0.27 0.00	17.52 0.26 0.00	18.15 0.24 0.00	20.31 0.27 0.00	26.33 0.44 0.00	25.05 0.27 0.00	23.56 0.27 0.00	28.18 0.26 -0.36	28.77 0.28 -0.01	27.41 0.25 0.00	30.76 0.20 0.00	33.25 0.26 0.00	30.78 0.22 0.00	30.66 0.19 0.00	30.71 0.27 0.00	32.28 0.33 0.00	32.38 0.40 0.00	30.39 0.31 0.00	27.51 0.12 0.00	28.82 -0.01 0.00	24.02 -0.08 0.00
NM_CENTRAL___DRP 24181	16.84 -0.27 0.00	16.91 -0.29 0.00	16.85 -0.33 0.00	16.20 -0.30 0.00	16.98 -0.28 0.00	17.64 -0.27 0.00	19.76 -0.28 0.00	25.73 -0.16 0.00	24.52 -0.26 0.00	23.05 -0.24 0.00	27.28 -0.27 0.00	28.18 -0.30 0.00	26.85 -0.31 0.00	30.20 -0.36 0.00	32.47 -0.53 0.00	30.17 -0.38 0.00	30.15 -0.32 0.00	30.32 -0.12 0.00	31.77 -0.18 0.00	31.78 -0.20 0.00	29.93 -0.14 0.00	27.18 -0.20 0.00	28.59 -0.23 0.00	23.86 -0.23 0.00
NM_FRONTIER___DRP 24179	15.96 -1.15 0.00	16.01 -1.19 0.00	15.86 -1.32 0.00	15.27 -1.23 0.00	16.03 -1.23 0.00	16.62 -1.29 0.00	18.60 -1.43 0.00	24.17 -1.71 0.00	22.85 -1.92 0.00	21.65 -1.64 0.00	25.61 -1.95 0.00	26.40 -2.08 0.00	25.17 -1.99 0.00	28.33 -2.23 0.00	30.34 -2.66 0.00	28.20 -2.36 0.00	28.38 -2.09 0.00	28.66 -1.79 0.00	29.84 -2.11 0.00	29.73 -2.25 0.00	28.30 -1.78 0.00	25.75 -1.63 0.00	27.32 -1.51 0.00	23.17 -0.93 0.00

NM_ST_REGIS___HYD 24053	16.24 -0.87 0.00	16.65 -0.55 0.00	16.71 -0.47 0.00	16.01 -0.50 0.00	16.72 -0.54 0.00	17.35 -0.56 0.00	19.36 -0.67 0.00	24.99 -0.90 0.00	24.16 -0.62 0.00	22.68 -0.61 0.00	26.89 -0.66 0.00	27.77 -0.71 0.00	26.63 -0.52 0.00	30.16 -0.40 0.00	32.65 -0.35 0.00	30.18 -0.37 0.00	30.17 -0.30 0.00	30.05 -0.40 0.00	31.72 -0.23 0.00	31.64 -0.33 0.00	29.71 -0.37 0.00	27.10 -0.29 0.00	28.53 -0.30 0.00	24.05 -0.05 0.00
NORTHPORT___1 23551	18.03 0.92 0.00	18.12 0.92 0.00	18.06 0.88 0.00	17.21 0.70 0.00	17.86 0.60 0.00	18.47 0.56 0.00	20.84 0.81 0.00	13.59 1.21 13.50	10.26 0.85 15.36	9.97 0.78 14.11	6.45 1.17 22.28	26.34 1.32 3.46	26.38 1.18 1.95	26.34 1.04 5.26	26.34 1.55 8.20	25.81 1.43 6.17	19.81 1.16 11.82	17.75 1.26 13.95	17.96 1.25 15.24	19.31 1.35 14.01	27.33 1.25 4.00	18.62 0.93 9.69	18.41 0.72 11.14	24.61 0.52 0.00
NORTHPORT___2 23552	18.03 0.92 0.00	18.12 0.92 0.00	18.06 0.88 0.00	17.21 0.70 0.00	17.86 0.60 0.00	18.47 0.56 0.00	20.84 0.81 0.00	13.59 1.21 13.50	10.26 0.85 15.36	9.97 0.78 14.11	6.45 1.17 22.28	26.34 1.32 3.46	26.38 1.18 1.95	26.34 1.04 5.26	26.34 1.55 8.20	25.81 1.43 6.17	19.81 1.16 11.82	17.75 1.26 13.95	17.96 1.25 15.24	19.31 1.35 14.01	27.33 1.25 4.00	18.62 0.93 9.69	18.41 0.72 11.14	24.61 0.52 0.00
NORTHPORT___3 23553	17.90 0.79 0.00	18.00 0.80 0.00	17.94 0.76 0.00	17.11 0.60 0.00	17.76 0.50 0.00	18.36 0.45 0.00	20.62 0.59 0.00	26.84 0.95 0.00	25.40 0.63 0.00	23.88 0.59 0.00	30.22 0.96 -1.71	29.62 1.10 -0.04	28.12 0.96 0.00	31.38 0.82 0.00	34.52 1.53 0.00	32.04 1.48 0.00	31.50 1.03 0.00	31.44 0.99 0.00	32.90 0.95 0.00	33.04 1.07 0.00	31.06 0.98 0.00	28.05 0.67 0.00	29.34 0.51 0.00	24.48 0.38 0.00
NORTHPORT___4 23650	17.90 0.79 0.00	18.00 0.80 0.00	17.94 0.76 0.00	17.11 0.60 0.00	17.76 0.50 0.00	18.36 0.45 0.00	20.62 0.59 0.00	26.84 0.95 0.00	25.40 0.63 0.00	23.88 0.59 0.00	30.22 0.96 -1.71	29.62 1.10 -0.04	28.12 0.96 0.00	31.38 0.82 0.00	34.52 1.53 0.00	32.04 1.48 0.00	31.50 1.03 0.00	31.44 0.99 0.00	32.90 0.95 0.00	33.04 1.07 0.00	31.06 0.98 0.00	28.05 0.67 0.00	29.34 0.51 0.00	24.48 0.38 0.00
NORTHPORT___IC 23718	18.03 0.92 0.00	18.12 0.92 0.00	18.07 0.89 0.00	17.21 0.71 0.00	17.86 0.60 0.00	18.47 0.56 0.00	20.84 0.81 0.00	13.59 1.21 13.50	10.26 0.85 15.36	9.97 0.78 14.11	6.45 1.18 22.28	26.33 1.31 3.46	26.39 1.19 1.95	26.34 1.04 5.26	26.34 1.55 8.20	25.80 1.42 6.17	19.82 1.17 11.82	17.75 1.26 13.95	17.96 1.25 15.24	19.31 1.35 14.01	27.32 1.25 4.00	18.62 0.93 9.69	18.41 0.72 11.14	24.62 0.52 0.00
NORTH___COUNTRY_ESR 323785	16.64 -0.47 0.00	16.79 -0.41 0.00	16.86 -0.32 0.00	16.10 -0.40 0.00	16.71 -0.55 0.00	17.30 -0.61 0.00	19.24 -0.79 0.00	24.94 -0.95 0.00	24.15 -0.63 0.00	22.74 -0.56 0.00	27.00 -0.56 0.00	27.99 -0.48 0.00	26.91 -0.24 0.00	30.58 0.03 0.00	33.12 0.13 0.00	30.59 0.04 0.00	30.61 0.14 0.00	30.64 0.19 0.00	32.52 0.56 0.00	32.47 0.50 0.00	30.40 0.32 0.00	27.69 0.31 0.00	29.20 0.37 0.00	24.63 0.53 0.00
NPX_GEN_1385_PROXY 323591	17.98 0.87 0.00	18.12 0.92 0.00	18.06 0.88 0.00	17.21 0.70 0.00	17.86 0.60 0.00	18.55 0.64 0.00	21.13 1.10 0.00	13.75 1.36 13.50	10.35 0.94 15.36	9.97 0.78 14.11	6.22 0.94 22.28	26.07 1.05 3.46	26.13 0.93 1.95	26.06 0.76 5.26	26.04 1.25 8.20	25.55 1.17 6.17	19.72 1.07 11.82	17.76 1.28 13.95	18.12 1.41 15.24	19.50 1.54 14.01	27.61 1.53 4.00	18.91 1.08 9.55	18.47 0.78 11.14	24.59 0.49 0.00
NPX_GEN_CSC 323557	18.04 0.93 0.00	18.14 0.94 0.00	18.13 0.94 0.00	17.27 0.77 0.00	17.93 0.67 0.00	18.54 0.63 0.00	21.07 1.04 0.00	27.41 1.52 0.00	25.72 0.95 0.00	24.16 0.87 0.00	30.56 1.30 -1.71	29.97 1.44 -0.04	28.45 1.29 0.00	31.72 1.16 0.00	34.68 1.69 0.00	32.13 1.58 0.00	31.86 1.39 0.00	31.92 1.48 0.00	33.45 1.50 0.00	33.59 1.61 0.00	31.54 1.47 0.00	28.65 1.13 -0.14	29.70 0.87 0.00	24.60 0.50 0.00
NSINS_S_GLNS_FALLS 23858	17.59 0.47 0.00	17.70 0.50 0.00	17.69 0.51 0.00	17.02 0.52 0.00	17.80 0.54 0.00	18.53 0.62 0.00	20.85 0.82 0.00	26.94 1.05 0.00	25.72 0.95 0.00	24.26 0.97 0.00	29.01 1.13 -0.33	29.70 1.21 -0.01	28.02 0.86 0.00	31.49 0.93 0.00	34.01 1.02 0.00	31.51 0.95 0.00	31.35 0.88 0.00	31.54 1.10 0.00	33.28 1.33 0.00	33.51 1.54 0.00	31.38 1.30 0.00	28.26 0.87 0.00	29.47 0.64 0.00	24.51 0.41 0.00
NUCOR_STEEL___DRP 24197	17.09 -0.02 0.00	17.16 -0.04 0.00	17.08 -0.10 0.00	16.40 -0.10 0.00	17.17 -0.09 0.00	17.83 -0.08 0.00	19.95 -0.09 0.00	25.96 0.08 0.00	24.70 -0.08 0.00	23.21 -0.08 0.00	27.42 -0.13 0.00	28.32 -0.16 0.00	26.97 -0.18 0.00	30.35 -0.21 0.00	32.66 -0.34 0.00	30.31 -0.24 0.00	30.32 -0.14 0.00	30.56 0.11 0.00	32.03 0.08 0.00	32.04 0.06 0.00	30.21 0.13 0.00	27.44 0.06 0.00	29.02 0.19 0.00	24.22 0.12 0.00
NUMBER_THREE_WT_PWR 323818	16.22 -0.90 0.00	16.33 -0.87 0.00	16.32 -0.86 0.00	15.70 -0.80 0.00	16.58 -0.68 0.00	17.31 -0.60 0.00	19.39 -0.65 0.00	25.19 -0.70 0.00	24.08 -0.70 0.00	22.49 -0.80 0.00	26.61 -0.95 0.00	27.54 -0.94 0.00	26.57 -0.59 0.00	30.28 -0.28 0.00	32.88 -0.11 0.00	30.54 -0.01 0.00	30.58 0.11 0.00	30.68 0.23 0.00	32.32 0.37 0.00	32.33 0.36 0.00	30.37 0.29 0.00	27.45 0.07 0.00	28.64 -0.19 0.00	24.08 -0.02 0.00
NYISO_LBMP_REFERENCE 24008	17.11 0.00 0.00	17.20 0.00 0.00	17.18 0.00 0.00	16.50 0.00 0.00	17.26 0.00 0.00	17.91 0.00 0.00	20.03 0.00 0.00	25.89 0.00 0.00	24.78 0.00 0.00	23.29 0.00 0.00	27.56 0.00 0.00	28.48 0.00 0.00	27.16 0.00 0.00	30.56 0.00 0.00	33.00 0.00 0.00	30.56 0.00 0.00	30.47 0.00 0.00	30.44 0.00 0.00	31.95 0.00 0.00	31.98 0.00 0.00	30.08 0.00 0.00	27.38 0.00 0.00	28.83 0.00 0.00	24.10 0.00 0.00
NYPA_BRENTWD____GT 24164	18.21 1.10 0.00	18.29 1.09 0.00	18.23 1.05 0.00	17.38 0.87 0.00	18.05 0.79 0.00	18.69 0.78 0.00	21.11 1.08 0.00	27.49 1.60 0.00	25.96 1.18 0.00	24.36 1.06 0.00	30.88 1.61 -1.71	30.28 1.76 -0.04	28.74 1.59 0.00	32.06 1.50 0.00	35.04 2.05 0.00	32.45 1.89 0.00	32.10 1.63 0.00	32.17 1.72 0.00	33.68 1.73 0.00	33.75 1.78 0.00	31.79 1.72 0.00	28.73 1.35 0.00	29.98 1.15 0.00	24.91 0.81 0.00
NYPA_GOWANUS____GT5 24156	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.44 0.94 0.00	18.20 0.93 0.00	18.91 1.00 0.00	21.24 1.20 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.74 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00

NYPA_GOWANUS____GT6 24157	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.44 0.94 0.00	18.20 0.93 0.00	18.91 1.00 0.00	21.24 1.20 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.74 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00
NYPA_HARLEM__RVR__GT1 24160	18.05 0.94 0.00	18.13 0.93 0.00	18.10 0.92 0.00	17.37 0.87 0.00	18.12 0.86 0.00	18.82 0.91 0.00	21.11 1.07 -0.01	27.41 1.52 0.00	26.09 1.31 0.00	24.49 1.20 0.00	30.63 1.35 -1.72	30.02 1.50 -0.04	28.50 1.34 0.00	31.98 1.42 0.00	34.55 1.56 0.00	31.90 1.35 0.00	31.80 1.33 0.00	31.97 1.53 0.00	33.43 1.48 0.00	33.53 1.56 0.00	31.57 1.49 0.00	28.53 1.15 0.00	29.87 1.04 0.00	24.84 0.74 0.00
NYPA_HARLEM__RVR__GT2 24161	18.05 0.94 0.00	18.13 0.93 0.00	18.10 0.92 0.00	17.37 0.87 0.00	18.12 0.86 0.00	18.82 0.91 0.00	21.11 1.07 -0.01	27.41 1.52 0.00	26.09 1.31 0.00	24.49 1.20 0.00	30.63 1.35 -1.72	30.02 1.50 -0.04	28.50 1.34 0.00	31.98 1.42 0.00	34.55 1.56 0.00	31.90 1.35 0.00	31.80 1.33 0.00	31.97 1.53 0.00	33.43 1.48 0.00	33.53 1.56 0.00	31.57 1.49 0.00	28.53 1.15 0.00	29.87 1.04 0.00	24.84 0.74 0.00
NYPA_KENT____GT 24152	18.08 0.97 0.00	18.15 0.95 0.00	18.14 0.96 0.00	17.41 0.91 0.00	18.16 0.90 0.00	18.87 0.96 0.00	21.20 1.16 -0.01	27.57 1.68 0.00	26.20 1.42 0.00	24.61 1.32 0.00	30.80 1.52 -1.72	30.19 1.67 -0.04	28.66 1.50 0.00	32.13 1.57 0.00	34.72 1.73 0.00	32.12 1.56 0.00	32.01 1.54 0.00	32.16 1.72 0.00	33.67 1.72 0.00	33.74 1.77 0.00	31.77 1.69 0.00	28.69 1.31 0.00	30.04 1.22 0.00	24.97 0.87 0.00
NYPA_POUCH1____GT 24155	18.11 0.99 0.00	18.18 0.98 0.00	18.23 1.06 0.00	17.50 1.00 0.00	18.26 1.00 0.00	18.98 1.07 0.00	21.31 1.27 -0.01	27.56 1.68 0.00	26.15 1.38 0.00	24.54 1.25 0.00	30.69 1.42 -1.72	30.09 1.57 -0.04	28.56 1.41 0.00	32.00 1.44 0.00	34.64 1.65 0.00	32.06 1.51 0.00	31.97 1.51 0.00	32.12 1.68 0.00	33.61 1.66 0.00	33.72 1.75 0.00	31.78 1.71 0.00	28.70 1.32 0.00	30.05 1.22 0.00	24.97 0.88 0.00
NYPA_VERNON____GT2 24162	18.05 0.94 0.00	18.12 0.92 0.00	18.10 0.92 0.00	17.38 0.87 0.00	18.12 0.86 0.00	18.83 0.92 0.00	21.16 1.12 -0.01	27.53 1.64 0.00	26.17 1.40 0.00	24.59 1.29 0.00	30.78 1.51 -1.72	30.17 1.65 -0.04	28.65 1.49 0.00	32.11 1.55 0.00	34.70 1.71 0.00	32.09 1.54 0.00	31.98 1.51 0.00	32.14 1.69 0.00	33.65 1.69 0.00	33.72 1.74 0.00	31.73 1.65 0.00	28.65 1.27 0.00	29.99 1.17 0.00	24.94 0.84 0.00
NYPA_VERNON____GT3 24163	18.05 0.94 0.00	18.12 0.92 0.00	18.10 0.92 0.00	17.38 0.87 0.00	18.12 0.86 0.00	18.83 0.92 0.00	21.16 1.12 -0.01	27.53 1.64 0.00	26.17 1.40 0.00	24.59 1.29 0.00	30.78 1.51 -1.72	30.17 1.65 -0.04	28.65 1.49 0.00	32.11 1.55 0.00	34.70 1.71 0.00	32.09 1.54 0.00	31.98 1.51 0.00	32.14 1.69 0.00	33.65 1.69 0.00	33.72 1.74 0.00	31.73 1.65 0.00	28.65 1.27 0.00	29.99 1.17 0.00	24.94 0.84 0.00
NYPA__ASTORIA_CC1 323568	18.02 0.91 0.00	18.10 0.90 0.00	18.09 0.91 0.00	17.36 0.86 0.00	18.11 0.85 0.00	18.81 0.90 0.00	21.14 1.10 -0.01	27.50 1.61 0.00	26.15 1.37 0.00	24.56 1.27 0.00	30.75 1.47 -1.72	30.13 1.61 -0.04	28.61 1.45 0.00	32.08 1.52 0.00	34.66 1.67 0.00	32.05 1.49 0.00	31.94 1.47 0.00	32.10 1.66 0.00	33.60 1.65 0.00	33.68 1.70 0.00	31.69 1.61 0.00	28.61 1.23 0.00	29.95 1.13 0.00	24.90 0.81 0.00
NYPA__ASTORIA_CC2 323569	18.02 0.91 0.00	18.10 0.90 0.00	18.09 0.91 0.00	17.36 0.86 0.00	18.11 0.85 0.00	18.81 0.90 0.00	21.14 1.10 -0.01	27.50 1.61 0.00	26.15 1.37 0.00	24.56 1.27 0.00	30.75 1.47 -1.72	30.13 1.61 -0.04	28.61 1.45 0.00	32.08 1.52 0.00	34.66 1.67 0.00	32.05 1.49 0.00	31.94 1.47 0.00	32.10 1.66 0.00	33.60 1.65 0.00	33.68 1.70 0.00	31.69 1.61 0.00	28.61 1.23 0.00	29.95 1.13 0.00	24.90 0.81 0.00
NYPA__HOLTSVILL 23794	18.14 1.03 0.00	18.22 1.02 0.00	18.17 0.99 0.00	17.32 0.81 0.00	17.98 0.72 0.00	18.60 0.69 0.00	21.02 0.98 0.00	27.35 1.46 0.00	25.84 1.06 0.00	24.26 0.97 0.00	30.68 1.41 -1.71	30.08 1.56 -0.04	28.56 1.41 0.00	31.85 1.29 0.00	34.82 1.83 0.00	32.25 1.69 0.00	31.89 1.42 0.00	31.96 1.52 0.00	33.47 1.52 0.00	33.61 1.64 0.00	31.60 1.52 0.00	28.53 1.15 0.00	29.78 0.95 0.00	24.73 0.63 0.00
NYPA____HELLGATE_GT1 24158	18.05 0.94 0.00	18.13 0.93 0.00	18.10 0.92 0.00	17.37 0.87 0.00	18.12 0.86 0.00	18.82 0.91 0.00	21.11 1.07 -0.01	27.41 1.52 0.00	26.09 1.31 0.00	24.49 1.20 0.00	30.63 1.35 -1.72	30.02 1.50 -0.04	28.50 1.34 0.00	31.98 1.42 0.00	34.55 1.56 0.00	31.92 1.36 0.00	31.81 1.34 0.00	31.97 1.53 0.00	33.42 1.47 0.00	33.50 1.53 0.00	31.55 1.47 0.00	28.51 1.13 0.00	29.87 1.04 0.00	24.84 0.74 0.00
NYPA____HELLGATE_GT2 24159	18.05 0.94 0.00	18.13 0.93 0.00	18.10 0.92 0.00	17.37 0.87 0.00	18.12 0.86 0.00	18.82 0.91 0.00	21.11 1.07 -0.01	27.41 1.52 0.00	26.09 1.31 0.00	24.49 1.20 0.00	30.63 1.35 -1.72	30.02 1.50 -0.04	28.50 1.34 0.00	31.98 1.42 0.00	34.55 1.56 0.00	31.92 1.36 0.00	31.81 1.34 0.00	31.97 1.53 0.00	33.42 1.47 0.00	33.50 1.53 0.00	31.55 1.47 0.00	28.51 1.13 0.00	29.87 1.04 0.00	24.84 0.74 0.00
NYS_BARGE__HYD 23848	16.28 -0.83 0.00	16.33 -0.87 0.00	16.19 -0.99 0.00	15.58 -0.92 0.00	16.37 -0.90 0.00	16.97 -0.94 0.00	19.00 -1.04 0.00	24.77 -1.12 0.00	23.41 -1.37 0.00	22.17 -1.12 0.00	26.22 -1.33 0.00	27.03 -1.45 0.00	25.75 -1.41 0.00	28.98 -1.58 0.00	31.05 -1.94 0.00	28.90 -1.65 0.00	29.06 -1.41 0.00	29.36 -1.08 0.00	30.61 -1.34 0.00	30.50 -1.47 0.00	29.04 -1.04 0.00	26.41 -0.97 0.00	27.98 -0.85 0.00	23.68 -0.41 0.00
OAK ORCHARD__HYD 24046	16.72 -0.39 0.00	16.77 -0.43 0.00	16.68 -0.50 0.00	16.03 -0.47 0.00	16.83 -0.43 0.00	17.47 -0.44 0.00	19.57 -0.47 0.00	25.54 -0.34 0.00	24.26 -0.52 0.00	22.90 -0.39 0.00	27.11 -0.45 0.00	28.00 -0.47 0.00	26.64 -0.52 0.00	29.97 -0.59 0.00	32.22 -0.77 0.00	29.94 -0.61 0.00	29.96 -0.51 0.00	30.15 -0.30 0.00	31.54 -0.42 0.00	31.47 -0.50 0.00	29.80 -0.27 0.00	27.07 -0.31 0.00	28.54 -0.29 0.00	23.98 -0.11 0.00
OAKDALE__35_KV_LOAD 356122	17.06 -0.05 0.00	17.11 -0.09 0.00	17.07 -0.11 0.00	16.42 -0.08 0.00	17.21 -0.05 0.00	17.85 -0.06 0.00	19.98 -0.05 0.00	26.12 0.23 0.00	24.76 -0.01 0.00	23.26 -0.03 0.00	27.51 -0.05 0.00	28.42 -0.07 0.00	27.01 -0.14 0.00	30.44 -0.12 0.00	32.75 -0.24 0.00	30.38 -0.17 0.00	30.25 -0.22 0.00	30.60 0.16 0.00	32.00 0.05 0.00	32.01 0.04 0.00	30.18 0.11 0.00	27.47 0.09 0.00	28.96 0.13 0.00	24.09 -0.01 0.00

OCC_CHEM___DRP 24175	16.02 -1.10 0.00	16.06 -1.14 0.00	15.92 -1.26 0.00	15.32 -1.18 0.00	16.09 -1.17 0.00	16.68 -1.23 0.00	18.66 -1.37 0.00	24.27 -1.61 0.00	22.96 -1.82 0.00	21.76 -1.53 0.00	25.73 -1.82 0.00	26.53 -1.95 0.00	25.29 -1.87 0.00	28.48 -2.08 0.00	30.49 -2.50 0.00	28.35 -2.21 0.00	28.52 -1.95 0.00	28.80 -1.65 0.00	30.00 -1.95 0.00	29.88 -2.09 0.00	28.44 -1.64 0.00	25.89 -1.49 0.00	27.46 -1.37 0.00	23.28 -0.82 0.00
OH_GEN_PROXY 24063	16.27 -0.84 0.00	16.32 -0.88 0.00	16.20 -0.98 0.00	15.58 -0.92 0.00	16.36 -0.90 0.00	16.94 -0.97 0.00	18.88 -1.16 0.00	24.67 -1.22 0.00	23.37 -1.41 0.00	22.12 -1.18 0.00	26.16 -1.40 0.00	26.99 -1.49 0.00	25.72 -1.43 0.00	28.98 -1.58 0.00	31.04 -1.95 0.00	28.86 -1.70 0.00	28.96 -1.50 0.00	29.24 -1.20 0.00	30.49 -1.46 0.00	30.37 -1.60 0.00	28.87 -1.21 0.00	26.43 -1.10 -0.14	27.84 -0.99 0.00	23.55 -0.55 0.00
OLIN_CORP_DRP 24177	16.02 -1.10 0.00	16.06 -1.14 0.00	15.92 -1.26 0.00	15.32 -1.18 0.00	16.09 -1.17 0.00	16.68 -1.23 0.00	18.66 -1.37 0.00	24.27 -1.61 0.00	22.96 -1.82 0.00	21.76 -1.53 0.00	25.73 -1.82 0.00	26.53 -1.95 0.00	25.29 -1.87 0.00	28.48 -2.08 0.00	30.49 -2.50 0.00	28.35 -2.21 0.00	28.52 -1.95 0.00	28.80 -1.65 0.00	30.00 -1.95 0.00	29.88 -2.09 0.00	28.44 -1.64 0.00	25.89 -1.49 0.00	27.46 -1.37 0.00	23.28 -0.82 0.00
OLIN_CORP_DSASP 323712	16.02 -1.09 0.00	16.06 -1.14 0.00	15.93 -1.25 0.00	15.33 -1.17 0.00	16.10 -1.16 0.00	16.68 -1.23 0.00	18.66 -1.37 0.00	24.27 -1.61 0.00	22.96 -1.81 0.00	21.76 -1.53 0.00	25.73 -1.82 0.00	26.53 -1.95 0.00	25.29 -1.87 0.00	28.47 -2.09 0.00	30.49 -2.51 0.00	28.35 -2.21 0.00	28.52 -1.95 0.00	28.80 -1.64 0.00	30.00 -1.95 0.00	29.87 -2.10 0.00	28.44 -1.64 0.00	25.90 -1.48 0.00	27.46 -1.37 0.00	23.28 -0.82 0.00
ONEIDA_HERK_LFGE 323681	16.94 -0.17 0.00	17.03 -0.17 0.00	17.01 -0.17 0.00	16.35 -0.15 0.00	17.18 -0.09 0.00	17.89 -0.02 0.00	20.08 0.05 0.00	26.16 0.28 0.00	25.05 0.27 0.00	23.55 0.26 0.00	27.85 0.30 0.00	28.73 0.24 0.00	27.46 0.30 0.00	30.91 0.35 0.00	33.44 0.45 0.00	30.94 0.38 0.00	30.88 0.41 0.00	31.10 0.66 0.00	32.69 0.74 0.00	32.71 0.74 0.00	30.75 0.68 0.00	27.86 0.48 0.00	29.18 0.35 0.00	24.39 0.30 0.00
ONEIDA___115KV_TB4 55905	17.32 0.20 0.00	17.37 0.17 0.00	17.34 0.16 0.00	16.67 0.17 0.00	17.49 0.22 0.00	18.20 0.29 0.00	20.47 0.43 0.00	26.59 0.70 0.00	25.41 0.63 0.00	23.87 0.58 0.00	28.24 0.69 0.00	29.19 0.71 0.00	27.82 0.67 0.00	31.35 0.79 0.00	33.81 0.82 0.00	31.37 0.82 0.00	31.34 0.87 0.00	31.47 1.03 0.00	33.01 1.06 0.00	33.04 1.07 0.00	31.08 1.00 0.00	28.19 0.81 0.00	29.57 0.74 0.00	24.64 0.55 0.00
ONONDAGA_REF_OCCRA 23987	16.98 -0.13 0.00	17.04 -0.16 0.00	16.98 -0.19 0.00	16.33 -0.17 0.00	17.12 -0.14 0.00	17.79 -0.12 0.00	19.93 -0.10 0.00	25.90 0.01 0.00	24.68 -0.10 0.00	23.19 -0.10 0.00	27.44 -0.11 0.00	28.34 -0.14 0.00	27.00 -0.16 0.00	30.39 -0.17 0.00	32.71 -0.28 0.00	30.36 -0.19 0.00	30.38 -0.09 0.00	30.56 0.12 0.00	32.03 0.08 0.00	32.04 0.06 0.00	30.18 0.10 0.00	27.41 0.03 0.00	28.81 -0.01 0.00	24.03 -0.07 0.00
ONONDAGA___COGEN 23986	16.93 -0.18 0.00	17.00 -0.20 0.00	16.95 -0.23 0.00	16.29 -0.21 0.00	17.07 -0.19 0.00	17.74 -0.17 0.00	19.86 -0.17 0.00	25.82 -0.07 0.00	24.58 -0.20 0.00	23.10 -0.19 0.00	27.33 -0.22 0.00	28.24 -0.24 0.00	26.90 -0.26 0.00	30.26 -0.30 0.00	32.59 -0.40 0.00	30.24 -0.32 0.00	30.25 -0.21 0.00	30.43 -0.01 0.00	31.90 -0.05 0.00	31.91 -0.06 0.00	30.05 -0.03 0.00	27.30 -0.08 0.00	28.73 -0.10 0.00	23.98 -0.12 0.00
ONTARIO___LFGE 23819	16.94 -0.17 0.00	16.97 -0.23 0.00	16.91 -0.27 0.00	16.28 -0.22 0.00	17.10 -0.16 0.00	17.75 -0.15 0.00	19.95 -0.08 0.00	26.17 0.28 0.00	24.77 -0.01 0.00	23.26 -0.03 0.00	27.47 -0.09 0.00	28.39 -0.09 0.00	26.99 -0.17 0.00	30.26 -0.30 0.00	32.49 -0.50 0.00	30.30 -0.25 0.00	30.23 -0.24 0.00	30.52 0.08 0.00	31.92 -0.03 0.00	31.96 -0.01 0.00	30.23 0.15 0.00	27.56 0.18 0.00	29.00 0.17 0.00	24.16 0.06 0.00
ORANGEVILLE_WT_PWR 323706	16.38 -0.73 0.00	16.39 -0.81 0.00	16.30 -0.87 0.00	15.69 -0.81 0.00	16.51 -0.75 0.00	17.15 -0.76 0.00	19.27 -0.77 0.00	25.38 -0.51 0.00	24.02 -0.76 0.00	22.66 -0.63 0.00	26.69 -0.87 0.00	27.51 -0.97 0.00	26.04 -1.12 0.00	29.43 -1.12 0.00	31.51 -1.48 0.00	29.28 -1.28 0.00	29.26 -1.21 0.00	29.70 -0.75 0.00	31.02 -0.94 0.00	31.00 -0.98 0.00	29.58 -0.49 0.00	27.03 -0.35 0.00	28.56 -0.27 0.00	23.91 -0.19 0.00
ORANGEVILLE___ESR 323794	16.38 -0.73 0.00	16.39 -0.81 0.00	16.30 -0.87 0.00	15.69 -0.81 0.00	16.51 -0.75 0.00	17.15 -0.76 0.00	19.27 -0.77 0.00	25.38 -0.51 0.00	24.02 -0.76 0.00	22.66 -0.63 0.00	26.69 -0.87 0.00	27.51 -0.97 0.00	26.04 -1.12 0.00	29.43 -1.12 0.00	31.51 -1.48 0.00	29.28 -1.28 0.00	29.26 -1.21 0.00	29.70 -0.75 0.00	31.02 -0.94 0.00	31.00 -0.98 0.00	29.58 -0.49 0.00	27.03 -0.35 0.00	28.56 -0.27 0.00	23.91 -0.19 0.00
OSWEGATCHIE___HYD 24044	16.04 -1.07 0.00	16.33 -0.87 0.00	16.40 -0.77 0.00	15.76 -0.74 0.00	16.55 -0.71 0.00	17.24 -0.67 0.00	19.29 -0.74 0.00	24.96 -0.93 0.00	23.98 -0.80 0.00	22.44 -0.85 0.00	26.55 -1.01 0.00	27.42 -1.06 0.00	26.31 -0.85 0.00	29.85 -0.71 0.00	32.36 -0.63 0.00	29.99 -0.56 0.00	30.02 -0.45 0.00	29.99 -0.45 0.00	31.59 -0.36 0.00	31.56 -0.41 0.00	29.65 -0.43 0.00	26.92 -0.47 0.00	28.20 -0.62 0.00	23.73 -0.37 0.00
OSWEGO___5 23606	16.68 -0.44 0.00	16.75 -0.45 0.00	16.70 -0.48 0.00	16.05 -0.45 0.00	16.81 -0.45 0.00	17.46 -0.45 0.00	19.52 -0.51 0.00	25.33 -0.55 0.00	24.16 -0.62 0.00	22.71 -0.58 0.00	26.87 -0.69 0.00	27.76 -0.72 0.00	26.46 -0.70 0.00	29.77 -0.79 0.00	32.09 -0.90 0.00	29.74 -0.81 0.00	29.74 -0.73 0.00	29.87 -0.58 0.00	31.32 -0.64 0.00	31.33 -0.65 0.00	29.51 -0.57 0.00	26.82 -0.56 0.00	28.23 -0.60 0.00	23.58 -0.52 0.00
OSWEGO___6 23613	16.68 -0.44 0.00	16.75 -0.45 0.00	16.70 -0.48 0.00	16.05 -0.45 0.00	16.81 -0.45 0.00	17.46 -0.45 0.00	19.52 -0.51 0.00	25.33 -0.55 0.00	24.16 -0.62 0.00	22.71 -0.58 0.00	26.87 -0.69 0.00	27.76 -0.72 0.00	26.46 -0.70 0.00	29.77 -0.79 0.00	32.09 -0.90 0.00	29.74 -0.81 0.00	29.74 -0.73 0.00	29.87 -0.58 0.00	31.32 -0.64 0.00	31.33 -0.65 0.00	29.51 -0.57 0.00	26.82 -0.56 0.00	28.23 -0.60 0.00	23.58 -0.52 0.00
OUTOKUMPU-AB___DRP 24206	16.42 -0.69 0.00	16.46 -0.74 0.00	16.31 -0.87 0.00	15.70 -0.80 0.00	16.50 -0.76 0.00	17.12 -0.79 0.00	19.16 -0.88 0.00	25.03 -0.85 0.00	23.75 -1.03 0.00	22.50 -0.79 0.00	26.61 -0.94 0.00	27.39 -1.09 0.00	26.01 -1.14 0.00	29.31 -1.24 0.00	31.40 -1.60 0.00	29.19 -1.37 0.00	29.31 -1.16 0.00	29.63 -0.81 0.00	30.90 -1.05 0.00	30.79 -1.18 0.00	29.31 -0.77 0.00	26.67 -0.71 0.00	28.24 -0.59 0.00	23.87 -0.23 0.00

OXBOW___BTM 323836	16.23 -0.89 0.00	16.27 -0.93 0.00	16.13 -1.04 0.00	15.53 -0.98 0.00	16.30 -0.96 0.00	16.91 -1.01 0.00	18.92 -1.12 0.00	24.66 -1.22 0.00	23.38 -1.40 0.00	22.15 -1.14 0.00	26.20 -1.36 0.00	26.98 -1.50 0.00	25.68 -1.48 0.00	28.92 -1.64 0.00	30.97 -2.02 0.00	28.79 -1.77 0.00	28.94 -1.53 0.00	29.24 -1.20 0.00	30.48 -1.48 0.00	30.35 -1.62 0.00	28.89 -1.18 0.00	26.30 -1.08 0.00	27.86 -0.97 0.00	23.58 -0.52 0.00
OXBOW____ 24026	16.22 -0.89 0.00	16.27 -0.93 0.00	16.12 -1.06 0.00	15.51 -0.99 0.00	16.29 -0.97 0.00	16.91 -1.01 0.00	18.92 -1.11 0.00	24.66 -1.23 0.00	23.38 -1.40 0.00	22.15 -1.14 0.00	26.20 -1.36 0.00	26.98 -1.50 0.00	25.68 -1.48 0.00	28.92 -1.64 0.00	30.98 -2.02 0.00	28.78 -1.77 0.00	28.94 -1.53 0.00	29.24 -1.21 0.00	30.48 -1.48 0.00	30.35 -1.62 0.00	28.90 -1.18 0.00	26.29 -1.09 0.00	27.86 -0.97 0.00	23.58 -0.52 0.00
OXY_CHEM_DSASP 323612	16.02 -1.10 0.00	16.06 -1.14 0.00	15.92 -1.26 0.00	15.32 -1.18 0.00	16.09 -1.17 0.00	16.68 -1.23 0.00	18.66 -1.37 0.00	24.27 -1.61 0.00	22.96 -1.82 0.00	21.76 -1.53 0.00	25.73 -1.82 0.00	26.53 -1.95 0.00	25.29 -1.87 0.00	28.48 -2.08 0.00	30.49 -2.50 0.00	28.35 -2.21 0.00	28.52 -1.95 0.00	28.80 -1.65 0.00	30.00 -1.95 0.00	29.88 -2.09 0.00	28.44 -1.64 0.00	25.89 -1.49 0.00	27.46 -1.37 0.00	23.28 -0.82 0.00
OZONE_PARK_ESR 323760	18.15 1.04 0.00	18.21 1.01 0.00	18.19 1.01 0.00	17.46 0.96 0.00	18.21 0.95 0.00	18.93 1.02 0.00	21.27 1.24 0.00	27.73 1.85 0.00	26.35 1.58 0.00	24.75 1.47 0.00	31.00 1.72 -1.73	30.38 1.86 -0.04	28.85 1.69 0.00	32.34 1.78 0.00	34.94 1.94 0.00	32.32 1.76 0.00	32.20 1.73 0.00	32.36 1.92 0.00	33.90 1.95 0.00	33.98 2.01 0.00	31.97 1.89 0.00	28.86 1.48 0.00	30.22 1.39 0.00	25.12 1.02 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	16.02 -1.10 0.00	16.06 -1.14 0.00	15.92 -1.26 0.00	15.32 -1.18 0.00	16.09 -1.17 0.00	16.68 -1.23 0.00	18.66 -1.37 0.00	24.27 -1.61 0.00	22.96 -1.82 0.00	21.76 -1.53 0.00	25.73 -1.82 0.00	26.53 -1.95 0.00	25.29 -1.87 0.00	28.48 -2.08 0.00	30.49 -2.50 0.00	28.35 -2.21 0.00	28.52 -1.95 0.00	28.80 -1.65 0.00	30.00 -1.95 0.00	29.88 -2.09 0.00	28.44 -1.64 0.00	25.89 -1.49 0.00	27.46 -1.37 0.00	23.28 -0.82 0.00
PACKARD__115KV_DUPONT_184 80571	16.02 -1.10 0.00	16.06 -1.14 0.00	15.92 -1.26 0.00	15.32 -1.18 0.00	16.09 -1.17 0.00	16.68 -1.23 0.00	18.66 -1.37 0.00	24.27 -1.61 0.00	22.96 -1.82 0.00	21.76 -1.53 0.00	25.73 -1.82 0.00	26.53 -1.95 0.00	25.29 -1.87 0.00	28.48 -2.08 0.00	30.49 -2.50 0.00	28.35 -2.21 0.00	28.52 -1.95 0.00	28.80 -1.65 0.00	30.00 -1.95 0.00	29.88 -2.09 0.00	28.44 -1.64 0.00	25.89 -1.49 0.00	27.46 -1.37 0.00	23.28 -0.82 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	18.00 0.89 0.00	18.11 0.91 0.00	18.11 0.93 0.00	17.37 0.87 0.00	18.12 0.86 0.00	18.82 0.91 0.00	21.13 1.09 -0.01	27.44 1.55 0.00	26.08 1.31 0.00	24.49 1.20 0.00	30.64 1.36 -1.72	30.03 1.50 -0.04	28.51 1.35 0.00	31.98 1.42 0.00	34.55 1.55 0.00	31.94 1.39 0.00	31.83 1.36 0.00	31.98 1.54 0.00	33.47 1.52 0.00	33.58 1.60 0.00	31.60 1.52 0.00	28.55 1.17 0.00	29.88 1.06 0.00	24.85 0.75 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	18.05 0.94 0.00	18.12 0.92 0.00	18.17 0.99 0.00	17.40 0.90 0.00	18.15 0.89 0.00	18.87 0.96 0.00	21.19 1.15 -0.01	27.54 1.65 0.00	26.21 1.44 0.00	24.61 1.32 0.00	30.75 1.48 -1.72	30.18 1.66 -0.04	28.64 1.48 0.00	32.16 1.60 0.00	34.70 1.70 0.00	32.06 1.51 0.00	31.96 1.49 0.00	32.13 1.68 0.00	33.59 1.64 0.00	33.72 1.75 0.00	31.72 1.65 0.00	28.65 1.27 0.00	29.99 1.17 0.00	24.94 0.84 0.00
PATROON__115KV_TB1 80586	17.37 0.26 0.00	17.47 0.28 0.00	17.46 0.28 0.00	16.78 0.28 0.00	17.53 0.27 0.00	18.15 0.24 0.00	20.31 0.27 0.00	26.37 0.48 0.00	25.11 0.33 0.00	23.60 0.31 0.00	28.20 0.31 -0.34	28.82 0.34 -0.01	27.46 0.30 0.00	30.83 0.27 0.00	33.31 0.32 0.00	30.84 0.29 0.00	30.73 0.26 0.00	30.79 0.34 0.00	32.35 0.39 0.00	32.43 0.46 0.00	30.44 0.36 0.00	27.54 0.16 0.00	28.86 0.03 0.00	24.04 -0.06 0.00
PATTRSNVILLE__SOLAR 323815	17.66 0.55 0.00	17.76 0.56 0.00	17.73 0.56 0.00	17.04 0.54 0.00	17.83 0.57 0.00	18.52 0.61 0.00	20.78 0.75 0.00	26.96 1.07 0.00	25.71 0.93 0.00	24.16 0.87 0.00	28.57 1.01 0.00	29.50 1.02 0.00	28.09 0.93 0.00	31.61 1.05 0.00	34.16 1.16 0.00	31.59 1.04 0.00	31.50 1.03 0.00	31.63 1.19 0.00	33.24 1.29 0.00	33.28 1.31 0.00	31.30 1.22 0.00	28.38 1.00 0.00	29.77 0.95 0.00	24.83 0.73 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	16.75 -0.36 0.00	16.78 -0.42 0.00	16.65 -0.53 0.00	16.02 -0.48 0.00	16.84 -0.42 0.00	17.47 -0.44 0.00	19.52 -0.52 0.00	25.63 -0.26 0.00	24.25 -0.52 0.00	22.91 -0.38 0.00	27.09 -0.47 0.00	27.95 -0.53 0.00	26.56 -0.60 0.00	29.93 -0.63 0.00	32.06 -0.94 0.00	29.78 -0.77 0.00	29.81 -0.66 0.00	30.20 -0.24 0.00	31.50 -0.45 0.00	31.42 -0.55 0.00	29.88 -0.20 0.00	27.20 -0.18 0.00	28.79 -0.04 0.00	24.22 0.12 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.08 0.97 0.00	18.16 0.96 0.00	18.13 0.96 0.00	17.40 0.90 0.00	18.18 0.92 0.00	18.89 0.98 0.00	21.23 1.20 0.00	27.65 1.76 0.00	26.31 1.54 0.00	24.68 1.39 0.00	29.64 1.63 -0.46	30.22 1.73 -0.01	28.73 1.58 0.00	32.23 1.67 0.00	34.84 1.85 0.00	32.23 1.68 0.00	32.11 1.64 0.00	32.29 1.85 0.00	33.89 1.94 0.00	33.98 2.01 0.00	31.95 1.87 0.00	28.86 1.47 0.00	30.20 1.37 0.00	25.08 0.98 0.00
PEEKSKILL____ 23653	17.90 0.79 0.00	17.97 0.77 0.00	17.95 0.77 0.00	17.23 0.72 0.00	17.98 0.72 0.00	18.67 0.76 0.00	20.96 0.92 0.00	27.26 1.38 0.00	25.89 1.11 0.00	24.32 1.03 0.00	30.67 1.22 -1.90	29.84 1.31 -0.05	28.35 1.19 0.00	31.78 1.22 0.00	34.37 1.38 0.00	31.79 1.24 0.00	31.67 1.20 0.00	31.81 1.37 0.00	33.36 1.41 0.00	33.46 1.49 0.00	31.45 1.38 0.00	28.42 1.04 0.00	29.78 0.95 0.00	24.77 0.67 0.00
PGE MADISON__WINDPWR 24146	17.57 0.45 0.00	17.76 0.56 0.00	17.77 0.59 0.00	17.00 0.49 0.00	17.88 0.62 0.00	18.71 0.80 0.00	21.12 1.09 0.00	27.62 1.73 0.00	26.28 1.50 0.00	24.72 1.43 0.00	29.21 1.65 0.00	30.05 1.57 0.00	28.76 1.60 0.00	32.44 1.88 0.00	34.80 1.81 0.00	32.45 1.90 0.00	32.71 2.24 0.00	33.15 2.70 0.00	34.64 2.69 0.00	34.57 2.60 0.00	32.61 2.53 0.00	29.57 2.19 0.00	30.84 2.01 0.00	25.52 1.42 0.00
PIERCEFIELD__HYD 23852	16.10 -1.02 0.00	16.56 -0.64 0.00	16.61 -0.57 0.00	15.93 -0.57 0.00	16.67 -0.59 0.00	17.31 -0.60 0.00	19.33 -0.71 0.00	24.89 -0.99 0.00	24.06 -0.72 0.00	22.56 -0.73 0.00	26.73 -0.82 0.00	27.59 -0.89 0.00	26.44 -0.72 0.00	29.91 -0.64 0.00	32.36 -0.63 0.00	29.94 -0.62 0.00	29.91 -0.55 0.00	29.75 -0.70 0.00	31.35 -0.60 0.00	31.27 -0.70 0.00	29.38 -0.70 0.00	26.82 -0.56 0.00	28.23 -0.60 0.00	23.79 -0.31 0.00

PINELAWN_CC_1 323563	18.10 0.99 0.00	18.17 0.97 0.00	18.12 0.94 0.00	17.28 0.78 0.00	17.97 0.71 0.00	18.62 0.71 0.00	21.00 0.96 0.00	27.38 1.49 0.00	25.88 1.11 0.00	24.32 1.03 0.00	30.73 1.47 -1.71	30.14 1.62 -0.04	28.59 1.44 0.00	31.91 1.35 0.00	34.89 1.90 0.00	32.29 1.74 0.00	31.94 1.48 0.00	32.01 1.57 0.00	33.51 1.56 0.00	33.66 1.69 0.00	31.66 1.58 0.00	28.59 1.21 0.00	29.84 1.02 0.00	24.81 0.71 0.00
PJM_GEN_HTP_PROXY 323702	17.99 0.88 0.00	18.06 0.86 0.00	18.04 0.86 0.00	17.31 0.81 0.00	18.06 0.80 0.00	18.77 0.86 0.00	21.07 1.04 0.00	27.44 1.55 0.00	26.08 1.30 0.00	24.50 1.21 0.00	30.70 1.42 -1.73	30.06 1.54 -0.04	29.20 1.40 -0.64	32.00 1.44 0.00	34.57 1.58 0.00	31.98 1.43 0.00	31.86 1.39 0.00	32.01 1.57 0.00	33.54 1.59 0.00	33.60 1.63 0.00	31.61 1.53 0.00	28.54 1.16 0.00	29.89 1.07 0.00	24.87 0.77 0.00
PJM_GEN_KEystone 24065	18.37 0.16 -1.11	17.31 0.11 0.00	17.27 0.09 0.00	16.61 0.10 0.00	17.39 0.12 0.00	18.03 0.11 0.00	20.17 0.13 0.00	31.65 0.48 -5.27	19.23 0.14 5.69	23.38 0.09 0.00	24.18 0.07 3.44	28.49 0.09 0.08	27.81 0.01 -0.64	30.53 -0.03 0.00	32.87 -0.13 0.00	30.47 -0.08 0.00	30.34 -0.13 0.00	30.67 0.23 0.00	32.08 0.13 0.00	32.10 0.13 0.00	30.30 0.22 0.00	11.08 0.11 16.42	50.15 0.19 -21.13	-0.30 0.08 24.49
PJM_GEN_NEPTUNE_PROXY 323594	17.94 0.83 0.00	18.01 0.81 0.00	17.95 0.78 0.00	17.14 0.64 0.00	17.85 0.58 0.00	18.49 0.58 0.00	20.81 0.78 0.00	27.08 1.20 0.00	25.65 0.87 0.00	24.11 0.82 0.00	30.43 1.16 -1.71	29.82 1.30 -0.04	28.95 1.15 -0.64	31.61 1.06 0.00	34.51 1.52 0.00	31.95 1.39 0.00	31.62 1.15 0.00	31.70 1.26 0.00	33.21 1.25 0.00	33.32 1.35 0.00	31.32 1.24 0.00	28.31 0.93 0.00	29.59 0.76 0.00	24.62 0.52 0.00
PJM_GEN_VFT_PROXY 323633	17.94 0.83 0.00	18.01 0.81 0.00	17.98 0.80 0.00	17.26 0.76 0.00	18.00 0.74 0.00	18.71 0.80 0.00	21.00 0.97 0.00	27.36 1.47 0.00	26.00 1.23 0.00	24.42 1.13 0.00	30.58 1.30 -1.73	29.95 1.43 -0.04	29.09 1.29 -0.64	31.90 1.33 0.00	34.45 1.45 0.00	31.87 1.32 0.00	31.76 1.29 0.00	31.92 1.48 0.00	33.45 1.50 0.00	33.52 1.55 0.00	31.53 1.45 0.00	28.47 1.09 0.00	29.78 0.95 0.00	24.78 0.68 0.00
PLATSBURG_115KV_PMLD1 355749	16.82 -0.29 0.00	16.95 -0.25 0.00	16.97 -0.21 0.00	16.19 -0.31 0.00	16.62 -0.64 0.00	17.20 -0.71 0.00	19.12 -0.92 0.00	24.80 -1.09 0.00	24.01 -0.77 0.00	22.65 -0.64 0.00	26.80 -0.75 0.00	27.91 -0.57 0.00	26.81 -0.34 0.00	30.61 0.05 0.00	33.30 0.31 0.00	30.85 0.30 0.00	30.96 0.49 0.00	31.27 0.82 0.00	33.37 1.42 0.00	33.45 1.48 0.00	31.26 1.19 0.00	28.29 0.91 0.00	29.80 0.97 0.00	25.15 1.06 0.00
PLEASANTVLY___LBMP 24000	17.77 0.66 0.00	17.86 0.66 0.00	17.85 0.67 0.00	17.13 0.63 0.00	17.89 0.62 0.00	18.56 0.65 0.00	20.82 0.78 0.00	27.05 1.16 0.00	25.67 0.89 0.00	24.12 0.83 0.00	29.35 0.97 -0.83	29.55 1.05 -0.02	28.10 0.94 0.00	31.51 0.96 0.00	34.08 1.09 0.00	31.53 0.98 0.00	31.40 0.93 0.00	31.54 1.09 0.00	33.10 1.15 0.00	33.21 1.24 0.00	31.22 1.14 0.00	28.21 0.82 0.00	29.54 0.72 0.00	24.59 0.49 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	17.90 0.79 0.00	17.97 0.77 0.00	17.96 0.78 0.00	17.24 0.73 0.00	17.99 0.73 0.00	18.68 0.77 0.00	20.98 0.94 0.00	27.29 1.40 0.00	25.90 1.13 0.00	24.34 1.05 0.00	30.12 1.23 -1.34	29.84 1.32 -0.03	28.36 1.21 0.00	31.81 1.25 0.00	34.40 1.40 0.00	31.82 1.27 0.00	31.70 1.22 0.00	31.84 1.39 0.00	33.39 1.44 0.00	33.48 1.51 0.00	31.48 1.41 0.00	28.44 1.06 0.00	29.79 0.96 0.00	24.77 0.67 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	17.90 0.79 0.00	17.97 0.77 0.00	17.96 0.78 0.00	17.24 0.73 0.00	17.99 0.73 0.00	18.68 0.77 0.00	20.98 0.94 0.00	27.29 1.40 0.00	25.90 1.13 0.00	24.34 1.05 0.00	30.12 1.23 -1.34	29.84 1.32 -0.03	28.36 1.21 0.00	31.81 1.25 0.00	34.40 1.40 0.00	31.82 1.27 0.00	31.70 1.22 0.00	31.84 1.39 0.00	33.39 1.44 0.00	33.48 1.51 0.00	31.48 1.41 0.00	28.44 1.06 0.00	29.79 0.96 0.00	24.77 0.67 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.15 1.04 0.00	18.22 1.02 0.00	18.19 1.01 0.00	17.46 0.96 0.00	18.25 0.98 0.00	18.97 1.06 0.00	21.32 1.29 0.00	27.79 1.90 0.00	26.45 1.68 0.00	24.79 1.50 0.00	29.29 1.74 0.00	30.31 1.83 0.00	28.81 1.66 0.00	32.34 1.78 0.00	34.96 1.96 0.00	32.35 1.79 0.00	32.23 1.76 0.00	32.43 1.99 0.00	34.06 2.11 0.00	34.17 2.20 0.00	32.12 2.04 0.00	29.01 1.63 0.00	30.36 1.53 0.00	25.22 1.12 0.00
POLETTI____ 23519	17.99 0.88 0.00	18.05 0.85 0.00	18.04 0.86 0.00	17.32 0.82 0.00	18.06 0.80 0.00	18.76 0.85 0.00	21.06 1.03 0.00	27.42 1.53 0.00	26.06 1.28 0.00	24.48 1.19 0.00	30.67 1.39 -1.73	30.04 1.51 -0.04	28.53 1.37 0.00	31.97 1.41 0.00	34.55 1.55 0.00	31.95 1.40 0.00	31.84 1.37 0.00	31.99 1.55 0.00	33.51 1.56 0.00	33.58 1.61 0.00	31.59 1.51 0.00	28.52 1.14 0.00	29.87 1.04 0.00	24.85 0.75 0.00
POMONA___ESR 323819	17.84 0.73 0.00	17.91 0.70 0.00	17.89 0.70 0.00	17.16 0.66 0.00	17.92 0.66 0.00	18.61 0.70 0.00	20.89 0.85 0.00	27.16 1.27 0.00	25.74 0.97 0.00	24.16 0.87 0.00	25.71 0.99 2.84	29.48 1.07 0.07	28.13 0.97 0.00	31.55 0.99 0.00	34.11 1.12 0.00	31.56 1.00 0.00	31.46 0.99 0.00	31.61 1.17 0.00	33.15 1.19 0.00	33.25 1.27 0.00	31.27 1.19 0.00	28.27 0.89 0.00	29.69 0.87 0.00	24.70 0.60 0.00
PORT_JEFF_3 23555	18.16 1.05 0.00	18.24 1.04 0.00	18.19 1.02 0.00	17.34 0.84 0.00	18.01 0.75 0.00	18.63 0.72 0.00	21.08 1.05 0.00	27.45 1.56 0.00	25.91 1.14 0.00	24.30 1.01 0.00	30.78 1.51 -1.71	30.20 1.68 -0.04	28.67 1.52 0.00	31.97 1.41 0.00	34.96 1.96 0.00	32.37 1.82 0.00	31.97 1.50 0.00	32.02 1.58 0.00	33.54 1.59 0.00	33.69 1.72 0.00	31.66 1.59 0.00	28.60 1.22 0.00	29.89 1.07 0.00	24.81 0.72 0.00
PORT_JEFF_4 23616	18.16 1.05 0.00	18.24 1.04 0.00	18.19 1.02 0.00	17.34 0.84 0.00	18.01 0.75 0.00	18.63 0.72 0.00	21.08 1.05 0.00	27.45 1.56 0.00	25.91 1.14 0.00	24.30 1.01 0.00	30.78 1.51 -1.71	30.20 1.68 -0.04	28.67 1.52 0.00	31.97 1.41 0.00	34.96 1.96 0.00	32.37 1.82 0.00	31.97 1.50 0.00	32.02 1.58 0.00	33.54 1.59 0.00	33.69 1.72 0.00	31.66 1.59 0.00	28.60 1.22 0.00	29.89 1.07 0.00	24.81 0.72 0.00
PORT_JEFF_IC 23713	18.16 1.05 0.00	18.24 1.04 0.00	18.20 1.02 0.00	17.34 0.84 0.00	18.01 0.74 0.00	18.63 0.72 0.00	21.08 1.04 0.00	27.45 1.56 0.00	25.91 1.13 0.00	24.26 0.96 0.00	30.77 1.51 -1.71	30.19 1.67 -0.04	28.68 1.53 0.00	31.96 1.40 0.00	34.96 1.96 0.00	32.37 1.82 0.00	31.92 1.45 0.00	31.97 1.53 0.00	33.48 1.53 0.00	33.64 1.67 0.00	31.62 1.54 0.00	28.56 1.18 0.00	29.88 1.06 0.00	24.81 0.71 0.00

PPL PILGRIM_ST_GT1 24216	18.21 1.10 0.00	18.29 1.09 0.00	18.23 1.05 0.00	17.38 0.87 0.00	18.05 0.79 0.00	18.69 0.78 0.00	21.11 1.08 0.00	27.49 1.60 0.00	25.96 1.18 0.00	24.36 1.06 0.00	30.88 1.61 -1.71	30.28 1.76 -0.04	28.74 1.59 0.00	32.06 1.50 0.00	35.04 2.05 0.00	32.45 1.89 0.00	32.10 1.63 0.00	32.17 1.72 0.00	33.68 1.73 0.00	33.75 1.78 0.00	31.79 1.72 0.00	28.73 1.35 0.00	29.98 1.15 0.00	24.91 0.81 0.00
PPL PILGRIM_ST_GT2 24217	18.21 1.10 0.00	18.29 1.09 0.00	18.23 1.05 0.00	17.38 0.87 0.00	18.05 0.79 0.00	18.69 0.78 0.00	21.11 1.08 0.00	27.49 1.60 0.00	25.96 1.18 0.00	24.36 1.06 0.00	30.88 1.61 -1.71	30.28 1.76 -0.04	28.74 1.59 0.00	32.06 1.50 0.00	35.04 2.05 0.00	32.45 1.89 0.00	32.10 1.63 0.00	32.17 1.72 0.00	33.68 1.73 0.00	33.75 1.78 0.00	31.79 1.72 0.00	28.73 1.35 0.00	29.98 1.15 0.00	24.91 0.81 0.00
PPL_SHRM_GT3 24213	18.06 0.95 0.00	18.16 0.96 0.00	18.13 0.95 0.00	17.29 0.79 0.00	17.94 0.68 0.00	18.55 0.64 0.00	21.08 1.05 0.00	27.42 1.53 0.00	25.75 0.97 0.00	24.19 0.90 0.00	30.58 1.32 -1.71	29.99 1.46 -0.04	28.46 1.31 0.00	31.75 1.19 0.00	34.70 1.71 0.00	32.16 1.61 0.00	31.89 1.42 0.00	31.95 1.51 0.00	33.49 1.54 0.00	33.64 1.66 0.00	31.60 1.52 0.00	28.54 1.17 0.00	29.73 0.90 0.00	24.62 0.52 0.00
PPL_SHRM_GT4 24214	18.06 0.95 0.00	18.16 0.96 0.00	18.13 0.95 0.00	17.29 0.79 0.00	17.94 0.68 0.00	18.55 0.64 0.00	21.08 1.05 0.00	27.42 1.53 0.00	25.75 0.97 0.00	24.19 0.90 0.00	30.58 1.32 -1.71	29.99 1.46 -0.04	28.46 1.31 0.00	31.75 1.19 0.00	34.70 1.71 0.00	32.16 1.61 0.00	31.89 1.42 0.00	31.95 1.51 0.00	33.49 1.54 0.00	33.64 1.66 0.00	31.60 1.52 0.00	28.54 1.17 0.00	29.73 0.90 0.00	24.62 0.52 0.00
PROJECT___ORANGE 1 24174	16.85 -0.26 0.00	16.92 -0.28 0.00	16.86 -0.32 0.00	16.21 -0.29 0.00	16.99 -0.27 0.00	17.65 -0.26 0.00	19.77 -0.27 0.00	25.77 -0.11 0.00	24.57 -0.21 0.00	23.10 -0.20 0.00	27.34 -0.22 0.00	28.24 -0.24 0.00	26.91 -0.25 0.00	30.26 -0.30 0.00	32.53 -0.46 0.00	30.23 -0.32 0.00	30.21 -0.26 0.00	30.38 -0.06 0.00	31.83 -0.12 0.00	31.84 -0.13 0.00	29.99 -0.09 0.00	27.24 -0.14 0.00	28.64 -0.19 0.00	23.90 -0.19 0.00
PROJECT___ORANGE 2 24166	16.85 -0.26 0.00	16.92 -0.28 0.00	16.86 -0.32 0.00	16.21 -0.29 0.00	16.99 -0.27 0.00	17.65 -0.26 0.00	19.77 -0.27 0.00	25.77 -0.11 0.00	24.57 -0.21 0.00	23.10 -0.20 0.00	27.34 -0.22 0.00	28.24 -0.24 0.00	26.91 -0.25 0.00	30.26 -0.30 0.00	32.53 -0.46 0.00	30.23 -0.32 0.00	30.21 -0.26 0.00	30.38 -0.06 0.00	31.83 -0.12 0.00	31.84 -0.13 0.00	29.99 -0.09 0.00	27.24 -0.14 0.00	28.64 -0.19 0.00	23.90 -0.19 0.00
PUCKETT___SOLAR 323809	17.13 0.02 0.00	17.23 0.03 0.00	17.19 0.01 0.00	16.49 -0.01 0.00	17.30 0.04 0.00	18.00 0.10 0.00	20.19 0.16 0.00	26.41 0.52 0.00	25.06 0.29 0.00	23.54 0.25 0.00	27.82 0.26 0.00	28.70 0.22 0.00	27.31 0.15 0.00	30.80 0.24 0.00	33.15 0.15 0.00	30.75 0.19 0.00	30.74 0.27 0.00	31.14 0.70 0.00	32.58 0.63 0.00	32.55 0.58 0.00	30.70 0.62 0.00	27.92 0.54 0.00	29.35 0.53 0.00	24.39 0.29 0.00
PYRITES___HYD 24023	17.34 0.23 0.00	17.04 -0.16 0.00	17.08 -0.10 0.00	16.38 -0.12 0.00	17.15 -0.12 0.00	17.82 -0.09 0.00	19.92 -0.11 0.00	25.67 -0.21 0.00	24.81 0.04 0.00	23.23 -0.06 0.00	27.55 -0.01 0.00	28.37 -0.11 0.00	27.18 0.02 0.00	30.70 0.14 0.00	33.16 0.16 0.00	30.67 0.12 0.00	30.70 0.23 0.00	30.56 0.11 0.00	32.17 0.22 0.00	32.07 0.10 0.00	30.16 0.08 0.00	27.54 0.16 0.00	28.99 0.16 0.00	24.40 0.30 0.00
QUAKERRD_115KV_BK1 80622	16.38 -0.73 0.00	16.44 -0.76 0.00	16.35 -0.83 0.00	15.71 -0.79 0.00	16.49 -0.77 0.00	17.13 -0.78 0.00	19.20 -0.83 0.00	25.05 -0.84 0.00	23.82 -0.96 0.00	22.47 -0.83 0.00	26.58 -0.98 0.00	27.44 -1.04 0.00	26.13 -1.03 0.00	29.39 -1.17 0.00	31.60 -1.39 0.00	29.36 -1.20 0.00	29.35 -1.12 0.00	29.50 -0.94 0.00	30.88 -1.08 0.00	30.84 -1.14 0.00	29.16 -0.92 0.00	26.48 -0.90 0.00	27.90 -0.93 0.00	23.42 -0.67 0.00
QUENSBRY_115KV_TB8 356137	17.57 0.46 0.00	17.68 0.48 0.00	17.69 0.50 0.00	17.01 0.51 0.00	17.79 0.53 0.00	18.54 0.63 0.00	20.86 0.83 0.00	26.95 1.07 0.00	25.74 0.96 0.00	24.29 0.99 0.00	29.05 1.16 -0.33	29.75 1.26 -0.01	28.04 0.89 0.00	31.52 0.96 0.00	34.03 1.03 0.00	31.54 0.98 0.00	31.37 0.90 0.00	31.58 1.14 0.00	33.33 1.38 0.00	33.57 1.60 0.00	31.43 1.35 0.00	28.28 0.90 0.00	29.48 0.65 0.00	24.50 0.40 0.00
RAMAPO___LBMP 323565	17.78 0.67 0.00	17.84 0.64 0.00	17.83 0.65 0.00	17.11 0.61 0.00	17.86 0.60 0.00	18.55 0.64 0.00	20.82 0.78 0.00	27.06 1.17 0.00	25.66 0.88 0.00	24.07 0.78 0.00	25.71 0.89 2.74	29.37 0.96 0.07	28.04 0.88 0.00	31.44 0.88 0.00	34.00 1.00 0.00	31.45 0.89 0.00	31.35 0.88 0.00	31.50 1.06 0.00	33.04 1.09 0.00	33.13 1.16 0.00	31.15 1.08 0.00	28.18 0.80 0.00	29.60 0.77 0.00	24.61 0.51 0.00
RANKINE____ 23646	16.57 -0.54 0.00	16.61 -0.59 0.00	16.46 -0.71 0.00	15.85 -0.65 0.00	16.67 -0.59 0.00	17.29 -0.62 0.00	19.32 -0.71 0.00	25.35 -0.54 0.00	24.00 -0.77 0.00	22.69 -0.60 0.00	26.82 -0.73 0.00	27.67 -0.81 0.00	26.31 -0.85 0.00	29.67 -0.89 0.00	31.76 -1.24 0.00	29.51 -1.05 0.00	29.55 -0.92 0.00	29.93 -0.51 0.00	31.22 -0.73 0.00	31.16 -0.81 0.00	29.65 -0.43 0.00	27.00 -0.38 0.00	28.56 -0.27 0.00	24.05 -0.05 0.00
RAVENSWOOD_GT2_1 24244	18.00 0.88 0.00	18.07 0.86 0.00	18.05 0.87 0.00	17.32 0.82 0.00	18.07 0.81 0.00	18.77 0.86 0.00	21.08 1.05 0.00	27.45 1.56 0.00	26.08 1.31 0.00	24.51 1.22 0.00	30.70 1.42 -1.72	30.07 1.55 -0.04	28.56 1.40 0.00	32.01 1.45 0.00	34.59 1.60 0.00	31.99 1.44 0.00	31.88 1.41 0.00	32.02 1.58 0.00	33.55 1.60 0.00	33.63 1.66 0.00	31.63 1.55 0.00	28.57 1.19 0.00	29.91 1.08 0.00	24.87 0.78 0.00
RAVENSWOOD_GT2_2 24245	18.00 0.88 0.00	18.07 0.86 0.00	18.05 0.87 0.00	17.32 0.82 0.00	18.07 0.81 0.00	18.77 0.86 0.00	21.08 1.05 0.00	27.45 1.56 0.00	26.08 1.31 0.00	24.51 1.22 0.00	30.70 1.42 -1.72	30.07 1.55 -0.04	28.56 1.40 0.00	32.01 1.45 0.00	34.59 1.60 0.00	31.99 1.44 0.00	31.88 1.41 0.00	32.02 1.58 0.00	33.55 1.60 0.00	33.63 1.66 0.00	31.63 1.55 0.00	28.57 1.19 0.00	29.91 1.08 0.00	24.87 0.78 0.00
RAVENSWOOD_GT2_3 24246	18.00 0.89 0.00	18.07 0.87 0.00	18.05 0.87 0.00	17.32 0.82 0.00	18.07 0.81 0.00	18.77 0.86 0.00	21.08 1.05 0.00	27.45 1.57 0.00	26.09 1.31 0.00	24.51 1.22 0.00	30.70 1.43 -1.72	30.07 1.55 -0.04	28.56 1.40 0.00	32.02 1.46 0.00	34.59 1.60 0.00	32.00 1.44 0.00	31.88 1.41 0.00	32.03 1.59 0.00	33.56 1.61 0.00	33.63 1.66 0.00	31.64 1.56 0.00	28.57 1.19 0.00	29.92 1.09 0.00	24.88 0.79 0.00



RAVENSWOOD_GT2_4 24247	18.00 0.89 0.00	18.07 0.87 0.00	18.05 0.87 0.00	17.32 0.82 0.00	18.07 0.81 0.00	18.77 0.86 0.00	21.08 1.05 0.00	27.45 1.57 0.00	26.09 1.31 0.00	24.51 1.22 0.00	30.70 1.43 -1.72	30.07 1.55 -0.04	28.56 1.40 0.00	32.02 1.46 0.00	34.59 1.60 0.00	32.00 1.44 0.00	31.88 1.41 0.00	32.03 1.59 0.00	33.56 1.61 0.00	33.63 1.66 0.00	31.64 1.56 0.00	28.57 1.19 0.00	29.92 1.09 0.00	24.88 0.79 0.00
RAVENSWOOD_GT3_1 24248	18.00 0.88 0.00	18.07 0.87 0.00	18.05 0.87 0.00	17.32 0.82 0.00	18.07 0.81 0.00	18.77 0.86 0.00	21.08 1.05 0.00	27.45 1.57 0.00	26.09 1.31 0.00	24.51 1.22 0.00	30.70 1.43 -1.72	30.07 1.55 -0.04	28.56 1.40 0.00	32.02 1.46 0.00	34.59 1.60 0.00	32.00 1.44 0.00	31.88 1.41 0.00	32.03 1.59 0.00	33.56 1.61 0.00	33.63 1.66 0.00	31.63 1.56 0.00	28.57 1.19 0.00	29.91 1.09 0.00	24.88 0.78 0.00
RAVENSWOOD_GT3_2 24249	18.00 0.88 0.00	18.07 0.87 0.00	18.05 0.87 0.00	17.32 0.82 0.00	18.07 0.81 0.00	18.77 0.86 0.00	21.08 1.05 0.00	27.45 1.57 0.00	26.09 1.31 0.00	24.51 1.22 0.00	30.70 1.43 -1.72	30.07 1.55 -0.04	28.56 1.40 0.00	32.02 1.46 0.00	34.59 1.60 0.00	32.00 1.44 0.00	31.88 1.41 0.00	32.03 1.59 0.00	33.56 1.61 0.00	33.63 1.66 0.00	31.63 1.56 0.00	28.57 1.19 0.00	29.91 1.09 0.00	24.88 0.78 0.00
RAVENSWOOD_GT3_3 24250	18.02 0.91 0.00	18.09 0.89 0.00	18.07 0.89 0.00	17.34 0.84 0.00	18.09 0.83 0.00	18.79 0.89 0.00	21.11 1.07 0.00	27.49 1.61 0.00	26.13 1.35 0.00	24.55 1.26 0.00	30.75 1.47 -1.72	30.12 1.59 -0.04	28.61 1.45 0.00	32.06 1.51 0.00	34.65 1.66 0.00	32.05 1.49 0.00	31.93 1.46 0.00	32.08 1.64 0.00	33.61 1.66 0.00	33.68 1.71 0.00	31.68 1.60 0.00	28.61 1.23 0.00	29.96 1.13 0.00	24.92 0.82 0.00
RAVENSWOOD_GT3_4 24251	18.02 0.91 0.00	18.09 0.89 0.00	18.07 0.89 0.00	17.34 0.84 0.00	18.09 0.83 0.00	18.79 0.89 0.00	21.11 1.07 0.00	27.49 1.61 0.00	26.13 1.35 0.00	24.55 1.26 0.00	30.75 1.47 -1.72	30.12 1.59 -0.04	28.61 1.45 0.00	32.06 1.51 0.00	34.65 1.66 0.00	32.05 1.49 0.00	31.93 1.46 0.00	32.08 1.64 0.00	33.61 1.66 0.00	33.68 1.71 0.00	31.68 1.60 0.00	28.61 1.23 0.00	29.96 1.13 0.00	24.92 0.82 0.00
RAVENSWOOD_GT_1 23729	18.05 0.94 0.00	18.12 0.92 0.00	18.11 0.93 0.00	17.38 0.88 0.00	18.13 0.86 0.00	18.83 0.92 0.00	21.16 1.12 -0.01	27.53 1.64 0.00	26.18 1.40 0.00	24.59 1.30 0.00	30.78 1.51 -1.72	30.17 1.65 -0.04	28.65 1.49 0.00	32.11 1.55 0.00	34.71 1.71 0.00	32.09 1.54 0.00	31.98 1.51 0.00	32.14 1.69 0.00	33.65 1.70 0.00	33.72 1.75 0.00	31.73 1.65 0.00	28.65 1.27 0.00	29.99 1.17 0.00	24.94 0.84 0.00
RAVENSWOOD_GT_10 24258	18.00 0.88 0.00	18.07 0.86 0.00	18.05 0.87 0.00	17.32 0.82 0.00	18.07 0.81 0.00	18.77 0.86 0.00	21.08 1.05 0.00	27.45 1.56 0.00	26.08 1.31 0.00	24.51 1.22 0.00	30.70 1.42 -1.72	30.07 1.55 -0.04	28.56 1.40 0.00	32.01 1.45 0.00	34.59 1.60 0.00	31.99 1.44 0.00	31.88 1.41 0.00	32.02 1.58 0.00	33.55 1.60 0.00	33.63 1.66 0.00	31.63 1.55 0.00	28.57 1.19 0.00	29.91 1.08 0.00	24.87 0.78 0.00
RAVENSWOOD_GT_11 24259	18.00 0.88 0.00	18.07 0.86 0.00	18.05 0.87 0.00	17.32 0.82 0.00	18.07 0.81 0.00	18.77 0.86 0.00	21.08 1.05 0.00	27.45 1.56 0.00	26.08 1.31 0.00	24.51 1.22 0.00	30.70 1.42 -1.72	30.07 1.55 -0.04	28.56 1.40 0.00	32.01 1.45 0.00	34.59 1.60 0.00	31.99 1.44 0.00	31.88 1.41 0.00	32.02 1.58 0.00	33.55 1.60 0.00	33.63 1.66 0.00	31.63 1.55 0.00	28.57 1.19 0.00	29.91 1.08 0.00	24.87 0.78 0.00
RAVENSWOOD_GT_4 24252	17.99 0.87 0.00	18.05 0.85 0.00	18.04 0.86 0.00	17.31 0.81 0.00	18.05 0.79 0.00	18.76 0.85 0.00	21.06 1.03 -0.01	27.43 1.55 0.00	26.07 1.30 0.00	24.49 1.20 0.00	30.68 1.41 -1.72	30.05 1.53 -0.04	28.54 1.38 0.00	31.99 1.43 0.00	34.57 1.57 0.00	31.98 1.43 0.00	31.86 1.39 0.00	32.00 1.56 0.00	33.54 1.59 0.00	33.61 1.64 0.00	31.61 1.53 0.00	28.55 1.17 0.00	29.89 1.07 0.00	24.87 0.77 0.00
RAVENSWOOD_GT_5 24254	17.99 0.87 0.00	18.05 0.85 0.00	18.04 0.86 0.00	17.31 0.81 0.00	18.05 0.79 0.00	18.76 0.85 0.00	21.06 1.03 -0.01	27.43 1.55 0.00	26.07 1.30 0.00	24.49 1.20 0.00	30.68 1.41 -1.72	30.05 1.53 -0.04	28.54 1.38 0.00	31.99 1.43 0.00	34.57 1.57 0.00	31.98 1.43 0.00	31.86 1.39 0.00	32.00 1.56 0.00	33.54 1.59 0.00	33.61 1.64 0.00	31.61 1.53 0.00	28.55 1.17 0.00	29.89 1.07 0.00	24.87 0.77 0.00
RAVENSWOOD_GT_6 24253	17.99 0.87 0.00	18.05 0.85 0.00	18.04 0.86 0.00	17.31 0.81 0.00	18.05 0.79 0.00	18.76 0.85 0.00	21.06 1.03 -0.01	27.43 1.55 0.00	26.07 1.30 0.00	24.49 1.20 0.00	30.68 1.41 -1.72	30.05 1.53 -0.04	28.54 1.38 0.00	31.99 1.43 0.00	34.57 1.57 0.00	31.98 1.43 0.00	31.86 1.39 0.00	32.00 1.56 0.00	33.54 1.59 0.00	33.61 1.64 0.00	31.61 1.53 0.00	28.55 1.17 0.00	29.89 1.07 0.00	24.87 0.77 0.00
RAVENSWOOD_GT_7 24255	17.99 0.87 0.00	18.05 0.85 0.00	18.04 0.86 0.00	17.31 0.81 0.00	18.05 0.79 0.00	18.76 0.85 0.00	21.06 1.03 -0.01	27.43 1.55 0.00	26.07 1.30 0.00	24.49 1.20 0.00	30.68 1.41 -1.72	30.05 1.53 -0.04	28.54 1.38 0.00	31.99 1.43 0.00	34.57 1.57 0.00	31.98 1.43 0.00	31.86 1.39 0.00	32.00 1.56 0.00	33.54 1.59 0.00	33.61 1.64 0.00	31.61 1.53 0.00	28.55 1.17 0.00	29.89 1.07 0.00	24.87 0.77 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.00 0.88 0.00	18.07 0.86 0.00	18.05 0.87 0.00	17.32 0.82 0.00	18.07 0.81 0.00	18.77 0.86 0.00	21.08 1.05 0.00	27.45 1.56 0.00	26.08 1.31 0.00	24.51 1.22 0.00	30.70 1.42 -1.72	30.07 1.55 -0.04	28.56 1.40 0.00	32.01 1.45 0.00	34.59 1.60 0.00	31.99 1.44 0.00	31.88 1.41 0.00	32.02 1.58 0.00	33.55 1.60 0.00	33.63 1.66 0.00	31.63 1.55 0.00	28.57 1.19 0.00	29.91 1.08 0.00	24.87 0.78 0.00
RAVENSWOOD_GT_9 24257	18.00 0.88 0.00	18.07 0.86 0.00	18.05 0.87 0.00	17.32 0.82 0.00	18.07 0.81 0.00	18.77 0.86 0.00	21.08 1.05 0.00	27.45 1.56 0.00	26.08 1.31 0.00	24.51 1.22 0.00	30.70 1.42 -1.72	30.07 1.55 -0.04	28.56 1.40 0.00	32.01 1.45 0.00	34.59 1.60 0.00	31.99 1.44 0.00	31.88 1.41 0.00	32.02 1.58 0.00	33.55 1.60 0.00	33.63 1.66 0.00	31.63 1.55 0.00	28.57 1.19 0.00	29.91 1.08 0.00	24.87 0.78 0.00
RAVENSWOOD___1 23533	18.05 0.94 0.00	18.12 0.92 0.00	18.10 0.92 0.00	17.38 0.87 0.00	18.12 0.86 0.00	18.83 0.92 0.00	21.16 1.12 -0.01	27.53 1.64 0.00	26.17 1.40 0.00	24.59 1.29 0.00	30.78 1.51 -1.72	30.17 1.65 -0.04	28.65 1.49 0.00	32.11 1.55 0.00	34.70 1.71 0.00	32.09 1.54 0.00	31.98 1.51 0.00	32.14 1.69 0.00	33.65 1.69 0.00	33.72 1.74 0.00	31.73 1.65 0.00	28.65 1.27 0.00	29.99 1.17 0.00	24.94 0.84 0.00

RAVENSWOOD___2 23534	18.05 0.94 0.00	18.12 0.92 0.00	18.10 0.92 0.00	17.38 0.87 0.00	18.12 0.86 0.00	18.83 0.92 0.00	21.16 1.12 -0.01	27.53 1.64 0.00	26.17 1.40 0.00	24.59 1.29 0.00	30.78 1.51 -1.72	30.17 1.65 -0.04	28.65 1.49 0.00	32.11 1.55 0.00	34.70 1.71 0.00	32.09 1.54 0.00	31.98 1.51 0.00	32.14 1.69 0.00	33.65 1.69 0.00	33.72 1.74 0.00	31.73 1.65 0.00	28.65 1.27 0.00	29.99 1.17 0.00	24.94 0.84 0.00
RAVENSWOOD___3 23535	18.00 0.88 0.00	18.07 0.87 0.00	18.05 0.87 0.00	17.32 0.82 0.00	18.07 0.81 0.00	18.77 0.86 0.00	21.08 1.04 0.00	27.45 1.57 0.00	26.09 1.31 0.00	24.51 1.22 0.00	30.70 1.43 -1.72	30.07 1.55 -0.04	28.56 1.40 0.00	32.02 1.46 0.00	34.59 1.60 0.00	32.00 1.44 0.00	31.88 1.41 0.00	32.03 1.59 0.00	33.56 1.61 0.00	33.63 1.66 0.00	31.63 1.56 0.00	28.57 1.19 0.00	29.91 1.09 0.00	24.88 0.79 0.00
RAVENSWOOD___4 23820	18.05 0.94 0.00	18.12 0.92 0.00	18.10 0.92 0.00	17.38 0.87 0.00	18.12 0.86 0.00	18.83 0.92 0.00	21.16 1.12 -0.01	27.53 1.64 0.00	26.17 1.40 0.00	24.59 1.29 0.00	30.78 1.51 -1.72	30.17 1.65 -0.04	28.65 1.49 0.00	32.11 1.55 0.00	34.70 1.71 0.00	32.09 1.54 0.00	31.98 1.51 0.00	32.14 1.69 0.00	33.65 1.69 0.00	33.72 1.74 0.00	31.73 1.65 0.00	28.65 1.27 0.00	29.99 1.17 0.00	24.94 0.84 0.00
RCPI_TRUST___DRP 24196	18.01 0.90 0.00	18.07 0.87 0.00	18.06 0.88 0.00	17.33 0.83 0.00	18.08 0.82 0.00	18.78 0.87 0.00	21.10 1.06 0.00	27.47 1.58 0.00	26.10 1.33 0.00	24.53 1.24 0.00	30.74 1.46 -1.73	30.10 1.58 -0.04	28.59 1.43 0.00	32.05 1.49 0.00	34.62 1.62 0.00	32.02 1.46 0.00	31.90 1.43 0.00	32.05 1.61 0.00	33.58 1.63 0.00	33.64 1.67 0.00	31.64 1.56 0.00	28.57 1.19 0.00	29.92 1.10 0.00	24.89 0.80 0.00
RED___ROCHESTER 323720	16.80 -0.32 0.00	16.85 -0.35 0.00	16.75 -0.43 0.00	16.10 -0.40 0.00	16.90 -0.36 0.00	17.55 -0.35 0.00	19.66 -0.37 0.00	25.68 -0.21 0.00	24.39 -0.39 0.00	23.02 -0.27 0.00	27.26 -0.30 0.00	28.16 -0.33 0.00	26.78 -0.38 0.00	30.12 -0.44 0.00	32.40 -0.60 0.00	30.11 -0.45 0.00	30.12 -0.35 0.00	30.32 -0.12 0.00	31.72 -0.23 0.00	31.66 -0.31 0.00	29.98 -0.10 0.00	27.22 -0.16 0.00	28.69 -0.14 0.00	24.09 0.00 0.00
REGAN___SOLAR 323812	18.85 1.74 0.00	18.84 1.64 0.00	18.75 1.57 0.00	18.02 1.52 0.00	18.95 1.69 0.00	19.85 1.94 0.00	22.44 2.41 0.00	29.40 3.51 0.00	28.06 3.29 0.00	26.32 3.03 0.00	31.04 3.49 0.00	31.84 3.36 0.00	30.43 3.27 0.00	34.36 3.80 0.00	37.16 4.17 0.00	34.25 3.69 0.00	34.32 3.85 0.00	34.83 4.38 0.00	36.63 4.68 0.00	36.52 4.55 0.00	34.43 4.35 0.00	31.23 3.85 0.00	32.74 3.91 0.00	27.28 3.19 0.00
RENSSELAER___COGEN 23796	17.34 0.23 0.00	17.44 0.24 0.00	17.43 0.26 0.00	16.75 0.25 0.00	17.50 0.24 0.00	18.13 0.22 0.00	20.27 0.24 0.00	26.28 0.40 0.00	25.02 0.24 0.00	23.52 0.23 0.00	28.12 0.21 -0.35	28.72 0.23 -0.01	27.35 0.20 0.00	30.71 0.15 0.00	33.20 0.20 0.00	30.72 0.17 0.00	30.61 0.14 0.00	30.66 0.22 0.00	32.23 0.28 0.00	32.32 0.35 0.00	30.34 0.26 0.00	27.46 0.08 0.00	28.78 -0.05 0.00	23.99 -0.11 0.00
REPUBLIC_115KV_BARTNBRK 55605	18.06 0.95 0.00	18.16 0.96 0.00	18.19 1.01 0.00	17.55 1.05 0.00	18.34 1.08 0.00	19.22 1.31 0.00	21.70 1.67 0.00	27.85 1.97 0.00	26.41 1.63 0.00	24.91 1.62 0.00	29.78 1.89 -0.33	30.63 2.14 -0.01	28.87 1.72 0.00	32.42 1.86 0.00	34.95 1.95 0.00	32.47 1.92 0.00	32.21 1.74 0.00	32.69 2.25 0.00	34.65 2.69 0.00	35.15 3.18 0.00	32.79 2.71 0.00	29.25 1.87 0.00	30.30 1.48 0.00	25.13 1.03 0.00
REVERE_CPPR_DRP 24186	17.37 0.26 0.00	17.43 0.23 0.00	17.40 0.22 0.00	16.72 0.22 0.00	17.55 0.29 0.00	18.28 0.38 0.00	20.57 0.54 0.00	26.72 0.83 0.00	25.55 0.77 0.00	23.99 0.70 0.00	28.39 0.84 0.00	29.36 0.88 0.00	28.01 0.85 0.00	31.61 1.05 0.00	34.11 1.11 0.00	31.66 1.10 0.00	31.63 1.17 0.00	31.76 1.32 0.00	33.34 1.38 0.00	33.38 1.41 0.00	31.39 1.32 0.00	28.46 1.08 0.00	29.79 0.97 0.00	24.84 0.75 0.00
REYNOLDS_115KV_TB3 80639	17.48 0.37 0.00	17.58 0.38 0.00	17.58 0.40 0.00	16.89 0.39 0.00	17.65 0.38 0.00	18.29 0.38 0.00	20.47 0.43 0.00	26.51 0.63 0.00	25.22 0.44 0.00	23.71 0.42 0.00	28.38 0.46 -0.36	28.97 0.48 -0.01	27.61 0.45 0.00	30.99 0.43 0.00	33.49 0.49 0.00	31.00 0.44 0.00	30.87 0.41 0.00	30.93 0.48 0.00	32.53 0.57 0.00	32.62 0.65 0.00	30.61 0.54 0.00	27.71 0.33 0.00	29.04 0.21 0.00	24.21 0.11 0.00
RIVERBAY____ 323610	18.05 0.94 0.00	18.12 0.92 0.00	18.17 0.99 0.00	17.40 0.90 0.00	18.15 0.89 0.00	18.87 0.96 0.00	21.19 1.15 -0.01	27.54 1.65 0.00	26.21 1.44 0.00	24.61 1.32 0.00	30.75 1.48 -1.72	30.18 1.66 -0.04	28.64 1.48 0.00	32.16 1.60 0.00	34.70 1.70 0.00	32.06 1.51 0.00	31.96 1.49 0.00	32.13 1.68 0.00	33.59 1.64 0.00	33.72 1.75 0.00	31.72 1.65 0.00	28.65 1.27 0.00	29.99 1.17 0.00	24.94 0.84 0.00
RIVERSDE_115KV_TB3 55908	17.37 0.25 0.00	17.47 0.27 0.00	17.46 0.28 0.00	16.77 0.27 0.00	17.52 0.26 0.00	18.15 0.24 0.00	20.31 0.27 0.00	26.33 0.44 0.00	25.05 0.27 0.00	23.56 0.27 0.00	28.18 0.26 -0.36	28.77 0.28 -0.01	27.41 0.25 0.00	30.76 0.20 0.00	33.25 0.26 0.00	30.78 0.22 0.00	30.66 0.19 0.00	30.71 0.27 0.00	32.28 0.33 0.00	32.38 0.40 0.00	30.39 0.31 0.00	27.51 0.12 0.00	28.82 -0.01 0.00	24.02 -0.08 0.00
ROARING___BROOK_WT_PWR 323790	16.62 -0.49 0.00	16.74 -0.46 0.00	16.70 -0.48 0.00	16.11 -0.39 0.00	16.93 -0.33 0.00	17.52 -0.39 0.00	19.50 -0.54 0.00	25.15 -0.74 0.00	24.12 -0.66 0.00	22.67 -0.62 0.00	26.83 -0.73 0.00	27.78 -0.70 0.00	26.62 -0.54 0.00	30.16 -0.40 0.00	32.69 -0.30 0.00	30.33 -0.22 0.00	30.19 -0.28 0.00	30.07 -0.37 0.00	31.69 -0.26 0.00	31.69 -0.28 0.00	29.78 -0.30 0.00	27.10 -0.28 0.00	28.58 -0.25 0.00	23.96 -0.13 0.00
ROCHESRG_115KV_T4 355643	16.65 -0.46 0.00	16.71 -0.49 0.00	16.61 -0.57 0.00	15.96 -0.54 0.00	16.76 -0.51 0.00	17.40 -0.51 0.00	19.48 -0.56 0.00	25.43 -0.46 0.00	24.15 -0.63 0.00	22.79 -0.50 0.00	26.98 -0.58 0.00	27.87 -0.61 0.00	26.52 -0.63 0.00	29.83 -0.73 0.00	32.07 -0.92 0.00	29.79 -0.76 0.00	29.81 -0.66 0.00	30.00 -0.45 0.00	31.38 -0.57 0.00	31.32 -0.65 0.00	29.65 -0.43 0.00	26.94 -0.45 0.00	28.41 -0.42 0.00	23.88 -0.22 0.00
ROCHESTER_9_IC 23652	16.74 -0.37 0.00	16.79 -0.41 0.00	16.69 -0.49 0.00	16.04 -0.46 0.00	16.84 -0.43 0.00	17.49 -0.42 0.00	19.59 -0.45 0.00	25.57 -0.31 0.00	24.29 -0.49 0.00	22.93 -0.36 0.00	27.15 -0.41 0.00	28.04 -0.44 0.00	26.67 -0.49 0.00	30.00 -0.56 0.00	32.26 -0.73 0.00	29.97 -0.58 0.00	29.99 -0.48 0.00	30.18 -0.26 0.00	31.57 -0.38 0.00	31.51 -0.46 0.00	29.84 -0.24 0.00	27.09 -0.29 0.00	28.57 -0.26 0.00	24.01 -0.09 0.00

ROCKVIEW_13_KV_LD 356306	17.98 0.87 0.00	18.03 0.84 0.00	18.01 0.84 0.00	17.28 0.78 0.00	18.03 0.77 0.00	18.73 0.82 0.00	21.04 1.00 0.00	27.40 1.51 0.00	26.03 1.25 0.00	24.46 1.17 0.00	30.66 1.38 -1.73	30.00 1.48 -0.04	28.51 1.35 0.00	31.96 1.40 0.00	34.56 1.57 0.00	31.98 1.42 0.00	31.85 1.38 0.00	31.99 1.55 0.00	33.55 1.60 0.00	33.63 1.66 0.00	31.62 1.54 0.00	28.56 1.18 0.00	29.92 1.09 0.00	24.87 0.78 0.00
ROME____115KV_TB2 80656	17.37 0.26 0.00	17.43 0.23 0.00	17.40 0.22 0.00	16.72 0.22 0.00	17.55 0.29 0.00	18.28 0.38 0.00	20.57 0.54 0.00	26.72 0.83 0.00	25.55 0.77 0.00	23.99 0.70 0.00	28.39 0.84 0.00	29.36 0.88 0.00	28.01 0.85 0.00	31.61 1.05 0.00	34.11 1.11 0.00	31.66 1.10 0.00	31.63 1.17 0.00	31.76 1.32 0.00	33.34 1.38 0.00	33.38 1.41 0.00	31.39 1.32 0.00	28.46 1.08 0.00	29.79 0.97 0.00	24.84 0.75 0.00
ROSETON___1 23587	17.76 0.64 0.00	17.84 0.64 0.00	17.83 0.65 0.00	17.11 0.61 0.00	17.86 0.60 0.00	18.54 0.63 0.00	20.80 0.76 0.00	27.03 1.14 0.00	25.66 0.88 0.00	24.10 0.81 0.00	28.50 0.94 0.00	29.50 1.02 0.00	28.08 0.92 0.00	31.50 0.94 0.00	34.05 1.06 0.00	31.51 0.95 0.00	31.39 0.92 0.00	31.53 1.09 0.00	33.07 1.12 0.00	33.18 1.20 0.00	31.18 1.11 0.00	28.19 0.81 0.00	29.55 0.73 0.00	24.59 0.49 0.00
ROSETON___2 23588	17.76 0.64 0.00	17.84 0.64 0.00	17.83 0.65 0.00	17.11 0.61 0.00	17.86 0.60 0.00	18.54 0.63 0.00	20.80 0.76 0.00	27.03 1.14 0.00	25.66 0.88 0.00	24.10 0.81 0.00	28.50 0.94 0.00	29.50 1.02 0.00	28.08 0.92 0.00	31.50 0.94 0.00	34.05 1.06 0.00	31.51 0.95 0.00	31.39 0.92 0.00	31.53 1.09 0.00	33.07 1.12 0.00	33.18 1.20 0.00	31.18 1.11 0.00	28.19 0.81 0.00	29.55 0.73 0.00	24.59 0.49 0.00
ROTTDRAM_115KV_TB3 80664	17.51 0.40 0.00	17.63 0.43 0.00	17.61 0.44 0.00	16.92 0.42 0.00	17.69 0.43 0.00	18.36 0.45 0.00	20.58 0.54 0.00	26.66 0.77 0.00	25.40 0.62 0.00	23.89 0.60 0.00	28.26 0.70 0.00	29.22 0.73 -0.01	27.80 0.65 0.00	31.25 0.69 0.00	33.76 0.77 0.00	31.26 0.70 0.00	31.14 0.67 0.00	31.22 0.78 0.00	32.80 0.85 0.00	32.88 0.91 0.00	30.88 0.80 0.00	27.98 0.60 0.00	29.35 0.52 0.00	24.47 0.37 0.00
RUSSELL___1 23602	16.79 -0.32 0.00	16.85 -0.35 0.00	16.74 -0.44 0.00	16.09 -0.41 0.00	16.89 -0.37 0.00	17.55 -0.35 0.00	19.66 -0.37 0.00	25.68 -0.21 0.00	24.39 -0.39 0.00	23.02 -0.27 0.00	27.26 -0.30 0.00	28.16 -0.32 0.00	26.78 -0.38 0.00	30.12 -0.44 0.00	32.40 -0.60 0.00	30.11 -0.45 0.00	30.12 -0.35 0.00	30.32 -0.12 0.00	31.72 -0.23 0.00	31.66 -0.31 0.00	29.98 -0.10 0.00	27.21 -0.17 0.00	28.69 -0.14 0.00	24.09 0.00 0.00
RUSSELL___2 23532	16.79 -0.32 0.00	16.85 -0.35 0.00	16.74 -0.44 0.00	16.09 -0.41 0.00	16.89 -0.37 0.00	17.55 -0.35 0.00	19.66 -0.37 0.00	25.68 -0.21 0.00	24.39 -0.39 0.00	23.02 -0.27 0.00	27.26 -0.30 0.00	28.16 -0.32 0.00	26.78 -0.38 0.00	30.12 -0.44 0.00	32.40 -0.60 0.00	30.11 -0.45 0.00	30.12 -0.35 0.00	30.32 -0.12 0.00	31.72 -0.23 0.00	31.66 -0.31 0.00	29.98 -0.10 0.00	27.21 -0.17 0.00	28.69 -0.14 0.00	24.09 0.00 0.00
RUSSELL___3 23549	16.79 -0.32 0.00	16.85 -0.35 0.00	16.74 -0.44 0.00	16.09 -0.41 0.00	16.89 -0.37 0.00	17.55 -0.35 0.00	19.66 -0.37 0.00	25.68 -0.21 0.00	24.39 -0.39 0.00	23.02 -0.27 0.00	27.26 -0.30 0.00	28.16 -0.32 0.00	26.78 -0.38 0.00	30.12 -0.44 0.00	32.40 -0.60 0.00	30.11 -0.45 0.00	30.12 -0.35 0.00	30.32 -0.12 0.00	31.72 -0.23 0.00	31.66 -0.31 0.00	29.98 -0.10 0.00	27.21 -0.17 0.00	28.69 -0.14 0.00	24.09 0.00 0.00
RUSSELL___4 23556	16.79 -0.32 0.00	16.85 -0.35 0.00	16.74 -0.44 0.00	16.09 -0.41 0.00	16.89 -0.37 0.00	17.55 -0.35 0.00	19.66 -0.37 0.00	25.68 -0.21 0.00	24.39 -0.39 0.00	23.02 -0.27 0.00	27.26 -0.30 0.00	28.16 -0.32 0.00	26.78 -0.38 0.00	30.12 -0.44 0.00	32.40 -0.60 0.00	30.11 -0.45 0.00	30.12 -0.35 0.00	30.32 -0.12 0.00	31.72 -0.23 0.00	31.66 -0.31 0.00	29.98 -0.10 0.00	27.21 -0.17 0.00	28.69 -0.14 0.00	24.09 0.00 0.00
RUSSELL___STATION 23914	16.79 -0.32 0.00	16.85 -0.35 0.00	16.74 -0.44 0.00	16.09 -0.41 0.00	16.89 -0.37 0.00	17.55 -0.35 0.00	19.66 -0.37 0.00	25.68 -0.21 0.00	24.39 -0.39 0.00	23.02 -0.27 0.00	27.26 -0.30 0.00	28.16 -0.32 0.00	26.78 -0.38 0.00	30.12 -0.44 0.00	32.40 -0.60 0.00	30.11 -0.45 0.00	30.12 -0.35 0.00	30.32 -0.12 0.00	31.72 -0.23 0.00	31.66 -0.31 0.00	29.98 -0.10 0.00	27.21 -0.17 0.00	28.69 -0.14 0.00	24.09 0.00 0.00
S SALMON___HYD 24043	16.44 -0.67 0.00	16.50 -0.70 0.00	16.44 -0.74 0.00	15.82 -0.69 0.00	16.61 -0.66 0.00	17.29 -0.62 0.00	19.38 -0.66 0.00	25.20 -0.68 0.00	24.04 -0.74 0.00	22.53 -0.76 0.00	26.75 -0.81 0.00	27.60 -0.88 0.00	26.46 -0.70 0.00	29.90 -0.66 0.00	32.26 -0.73 0.00	29.92 -0.63 0.00	29.94 -0.53 0.00	30.06 -0.38 0.00	31.54 -0.41 0.00	31.56 -0.41 0.00	29.70 -0.38 0.00	26.94 -0.43 0.00	28.25 -0.58 0.00	23.62 -0.47 0.00
S.PERRY__115KV_TB1 80734	17.08 -0.03 0.00	17.10 -0.10 0.00	17.02 -0.16 0.00	16.39 -0.11 0.00	17.27 0.01 0.00	17.94 0.03 0.00	20.23 0.20 0.00	26.61 0.73 0.00	25.20 0.43 0.00	23.74 0.44 0.00	27.93 0.37 0.00	28.73 0.25 0.00	27.11 -0.05 0.00	30.46 -0.10 0.00	32.65 -0.34 0.00	30.35 -0.21 0.00	30.38 -0.09 0.00	30.62 0.18 0.00	32.39 0.44 0.00	32.48 0.51 0.00	30.96 0.88 0.00	28.20 0.82 0.00	29.67 0.84 0.00	24.73 0.63 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	16.43 -0.69 0.00	16.47 -0.73 0.00	16.32 -0.86 0.00	15.71 -0.79 0.00	16.51 -0.75 0.00	17.11 -0.79 0.00	19.11 -0.92 0.00	25.01 -0.88 0.00	23.70 -1.08 0.00	22.41 -0.88 0.00	26.51 -1.05 0.00	27.35 -1.13 0.00	26.03 -1.13 0.00	29.34 -1.22 0.00	31.42 -1.57 0.00	29.20 -1.35 0.00	29.29 -1.18 0.00	29.61 -0.84 0.00	30.89 -1.06 0.00	30.79 -1.18 0.00	29.30 -0.78 0.00	26.66 -0.72 0.00	28.22 -0.61 0.00	23.83 -0.26 0.00
SAWYER___23_KV_LOAD 55526	16.43 -0.69 0.00	16.47 -0.73 0.00	16.32 -0.86 0.00	15.71 -0.79 0.00	16.51 -0.75 0.00	17.11 -0.79 0.00	19.11 -0.92 0.00	25.01 -0.88 0.00	23.70 -1.08 0.00	22.41 -0.88 0.00	26.51 -1.05 0.00	27.35 -1.13 0.00	26.03 -1.13 0.00	29.34 -1.22 0.00	31.42 -1.57 0.00	29.20 -1.35 0.00	29.29 -1.18 0.00	29.61 -0.84 0.00	30.89 -1.06 0.00	30.79 -1.18 0.00	29.30 -0.78 0.00	26.66 -0.72 0.00	28.22 -0.61 0.00	23.83 -0.26 0.00
SELKIRK___I 23801	17.50 0.39 0.00	17.62 0.42 0.00	17.61 0.43 0.00	16.92 0.42 0.00	17.69 0.43 0.00	18.33 0.42 0.00	20.51 0.47 0.00	26.57 0.68 0.00	25.29 0.52 0.00	23.76 0.46 0.00	28.04 0.49 0.00	28.99 0.51 0.00	27.61 0.45 0.00	31.01 0.45 0.00	33.52 0.53 0.00	31.04 0.48 0.00	30.93 0.46 0.00	30.99 0.54 0.00	32.57 0.62 0.00	32.67 0.70 0.00	30.67 0.59 0.00	27.79 0.41 0.00	29.14 0.32 0.00	24.31 0.21 0.00

SELKIRK___II 23799	17.42 0.31 0.00	17.53 0.33 0.00	17.52 0.34 0.00	16.83 0.33 0.00	17.58 0.32 0.00	18.22 0.31 0.00	20.39 0.36 0.00	26.44 0.55 0.00	25.16 0.38 0.00	23.65 0.36 0.00	28.28 0.38 -0.34	28.90 0.40 -0.01	27.52 0.36 0.00	30.92 0.36 0.00	33.40 0.40 0.00	30.93 0.37 0.00	30.81 0.34 0.00	30.86 0.42 0.00	32.42 0.47 0.00	32.51 0.54 0.00	30.53 0.45 0.00	27.65 0.27 0.00	29.00 0.17 0.00	24.18 0.08 0.00
SENECA OSWGO___HYD 24041	16.67 -0.44 0.00	16.74 -0.46 0.00	16.70 -0.48 0.00	16.05 -0.45 0.00	16.82 -0.44 0.00	17.47 -0.44 0.00	19.55 -0.48 0.00	25.41 -0.48 0.00	24.21 -0.57 0.00	22.75 -0.54 0.00	26.94 -0.62 0.00	27.81 -0.67 0.00	26.51 -0.65 0.00	29.81 -0.75 0.00	32.15 -0.84 0.00	29.78 -0.78 0.00	29.81 -0.66 0.00	29.97 -0.47 0.00	31.41 -0.54 0.00	31.43 -0.55 0.00	29.60 -0.48 0.00	26.89 -0.49 0.00	28.26 -0.56 0.00	23.59 -0.50 0.00
SENECA___115KV_TB3 355854	16.60 -0.52 0.00	16.63 -0.57 0.00	16.49 -0.69 0.00	15.87 -0.63 0.00	16.69 -0.57 0.00	17.31 -0.60 0.00	19.35 -0.68 0.00	25.39 -0.50 0.00	24.05 -0.72 0.00	22.72 -0.57 0.00	26.87 -0.68 0.00	27.73 -0.76 0.00	26.35 -0.81 0.00	29.72 -0.83 0.00	31.81 -1.18 0.00	29.56 -1.00 0.00	29.60 -0.87 0.00	29.98 -0.46 0.00	31.27 -0.68 0.00	31.21 -0.77 0.00	29.69 -0.38 0.00	27.04 -0.34 0.00	28.60 -0.22 0.00	24.09 -0.01 0.00
SENECA___ENERGY 23797	16.82 -0.29 0.00	16.86 -0.34 0.00	16.80 -0.38 0.00	16.16 -0.34 0.00	16.95 -0.32 0.00	17.60 -0.31 0.00	19.74 -0.30 0.00	25.80 -0.08 0.00	24.51 -0.27 0.00	23.00 -0.29 0.00	27.17 -0.38 0.00	28.09 -0.39 0.00	26.74 -0.42 0.00	30.01 -0.55 0.00	32.24 -0.75 0.00	30.02 -0.54 0.00	30.00 -0.47 0.00	30.22 -0.22 0.00	31.65 -0.30 0.00	31.66 -0.31 0.00	29.90 -0.18 0.00	27.21 -0.17 0.00	28.67 -0.16 0.00	23.92 -0.18 0.00
SHOEMAKER___GT 23640	17.66 0.55 0.00	17.73 0.53 0.00	17.71 0.53 0.00	17.00 0.50 0.00	17.77 0.50 0.00	18.45 0.54 0.00	20.69 0.66 0.00	26.89 1.01 0.00	25.55 0.77 0.00	23.98 0.69 0.00	26.59 0.80 1.77	29.29 0.85 0.04	27.93 0.77 0.00	31.36 0.80 0.00	33.89 0.90 0.00	31.34 0.79 0.00	31.23 0.76 0.00	31.39 0.95 0.00	32.93 0.98 0.00	33.02 1.05 0.00	31.08 1.00 0.00	28.12 0.74 0.00	29.51 0.68 0.00	24.55 0.46 0.00
SHOEMAKR_138KV_BK 111 55601	17.66 0.55 0.00	17.73 0.53 0.00	17.71 0.53 0.00	17.00 0.50 0.00	17.77 0.50 0.00	18.45 0.54 0.00	20.69 0.65 0.00	26.89 1.00 0.00	25.53 0.75 0.00	23.98 0.69 0.00	26.65 0.78 1.69	29.28 0.84 0.04	27.92 0.76 0.00	31.34 0.78 0.00	33.87 0.87 0.00	31.33 0.77 0.00	31.23 0.76 0.00	31.38 0.93 0.00	32.92 0.97 0.00	33.01 1.04 0.00	31.05 0.97 0.00	28.10 0.72 0.00	29.49 0.67 0.00	24.54 0.44 0.00
SHOREHAM_IC_1 23715	18.06 0.95 0.00	18.16 0.96 0.00	18.13 0.95 0.00	17.29 0.79 0.00	17.94 0.68 0.00	18.55 0.64 0.00	21.08 1.05 0.00	27.42 1.53 0.00	25.75 0.97 0.00	24.19 0.90 0.00	30.58 1.32 -1.71	29.99 1.46 -0.04	28.46 1.31 0.00	31.75 1.19 0.00	34.70 1.71 0.00	32.16 1.61 0.00	31.89 1.42 0.00	31.95 1.51 0.00	33.49 1.54 0.00	33.64 1.66 0.00	31.60 1.52 0.00	28.54 1.17 0.00	29.73 0.90 0.00	24.62 0.52 0.00
SHOREHAM_IC_2 23716	18.06 0.95 0.00	18.16 0.96 0.00	18.13 0.95 0.00	17.29 0.79 0.00	17.94 0.68 0.00	18.55 0.64 0.00	21.08 1.05 0.00	27.42 1.53 0.00	25.75 0.97 0.00	24.19 0.90 0.00	30.58 1.32 -1.71	29.99 1.46 -0.04	28.46 1.31 0.00	31.75 1.19 0.00	34.70 1.71 0.00	32.16 1.61 0.00	31.89 1.42 0.00	31.95 1.51 0.00	33.49 1.54 0.00	33.64 1.66 0.00	31.60 1.52 0.00	28.54 1.17 0.00	29.73 0.90 0.00	24.62 0.52 0.00
SISSONVILLE____ 23735	16.10 -1.02 0.00	16.56 -0.64 0.00	16.61 -0.57 0.00	15.93 -0.57 0.00	16.67 -0.59 0.00	17.31 -0.60 0.00	19.33 -0.71 0.00	24.89 -0.99 0.00	24.06 -0.72 0.00	22.56 -0.73 0.00	26.73 -0.82 0.00	27.59 -0.89 0.00	26.44 -0.72 0.00	29.91 -0.64 0.00	32.36 -0.63 0.00	29.94 -0.62 0.00	29.91 -0.55 0.00	29.75 -0.70 0.00	31.35 -0.60 0.00	31.27 -0.70 0.00	29.38 -0.70 0.00	26.82 -0.56 0.00	28.23 -0.60 0.00	23.79 -0.31 0.00
SITHE_IND_GS1 24169	16.59 -0.52 0.00	16.66 -0.54 0.00	16.62 -0.56 0.00	15.97 -0.53 0.00	16.72 -0.54 0.00	17.36 -0.55 0.00	19.41 -0.62 0.00	25.18 -0.71 0.00	24.02 -0.76 0.00	22.58 -0.71 0.00	26.72 -0.83 0.00	27.60 -0.88 0.00	26.31 -0.85 0.00	29.59 -0.96 0.00	31.90 -1.09 0.00	29.58 -0.97 0.00	29.57 -0.89 0.00	29.70 -0.75 0.00	31.14 -0.81 0.00	31.14 -0.83 0.00	29.34 -0.74 0.00	26.67 -0.71 0.00	28.06 -0.76 0.00	23.45 -0.65 0.00
SITHE_IND_GS2 24170	16.59 -0.52 0.00	16.66 -0.54 0.00	16.62 -0.56 0.00	15.97 -0.53 0.00	16.72 -0.54 0.00	17.36 -0.55 0.00	19.41 -0.62 0.00	25.18 -0.71 0.00	24.02 -0.76 0.00	22.58 -0.71 0.00	26.72 -0.83 0.00	27.60 -0.88 0.00	26.31 -0.85 0.00	29.59 -0.96 0.00	31.90 -1.09 0.00	29.58 -0.97 0.00	29.57 -0.89 0.00	29.70 -0.75 0.00	31.14 -0.81 0.00	31.14 -0.83 0.00	29.34 -0.74 0.00	26.67 -0.71 0.00	28.06 -0.76 0.00	23.45 -0.65 0.00
SITHE_IND_GS3 24171	16.59 -0.52 0.00	16.66 -0.54 0.00	16.62 -0.56 0.00	15.97 -0.53 0.00	16.72 -0.54 0.00	17.36 -0.55 0.00	19.41 -0.62 0.00	25.18 -0.71 0.00	24.02 -0.76 0.00	22.58 -0.71 0.00	26.72 -0.83 0.00	27.60 -0.88 0.00	26.31 -0.85 0.00	29.59 -0.96 0.00	31.90 -1.09 0.00	29.58 -0.97 0.00	29.57 -0.89 0.00	29.70 -0.75 0.00	31.14 -0.81 0.00	31.14 -0.83 0.00	29.34 -0.74 0.00	26.67 -0.71 0.00	28.06 -0.76 0.00	23.45 -0.65 0.00
SITHE_IND_GS4 24172	16.59 -0.52 0.00	16.66 -0.54 0.00	16.62 -0.56 0.00	15.97 -0.53 0.00	16.72 -0.54 0.00	17.36 -0.55 0.00	19.41 -0.62 0.00	25.18 -0.71 0.00	24.02 -0.76 0.00	22.58 -0.71 0.00	26.72 -0.83 0.00	27.60 -0.88 0.00	26.31 -0.85 0.00	29.59 -0.96 0.00	31.90 -1.09 0.00	29.58 -0.97 0.00	29.57 -0.89 0.00	29.70 -0.75 0.00	31.14 -0.81 0.00	31.14 -0.83 0.00	29.34 -0.74 0.00	26.67 -0.71 0.00	28.06 -0.76 0.00	23.45 -0.65 0.00
SITHE___BATAVIA 24024	16.81 -0.31 0.00	16.85 -0.35 0.00	16.72 -0.46 0.00	16.09 -0.41 0.00	16.90 -0.36 0.00	17.56 -0.35 0.00	19.72 -0.31 0.00	25.77 -0.12 0.00	24.38 -0.40 0.00	23.02 -0.27 0.00	27.33 -0.23 0.00	28.15 -0.33 0.00	26.66 -0.50 0.00	29.87 -0.68 0.00	32.07 -0.93 0.00	29.87 -0.68 0.00	30.09 -0.37 0.00	30.42 -0.03 0.00	31.79 -0.16 0.00	31.74 -0.24 0.00	30.15 0.07 0.00	27.36 -0.02 0.00	28.89 0.06 0.00	24.34 0.24 0.00
SITHE___INDEPEND 23800	16.59 -0.52 0.00	16.66 -0.54 0.00	16.61 -0.56 0.00	15.97 -0.53 0.00	16.72 -0.54 0.00	17.36 -0.55 0.00	19.41 -0.62 0.00	25.18 -0.71 0.00	24.02 -0.76 0.00	22.58 -0.71 0.00	26.72 -0.83 0.00	27.60 -0.88 0.00	26.31 -0.85 0.00	29.60 -0.96 0.00	31.91 -1.09 0.00	29.58 -0.97 0.00	29.57 -0.89 0.00	29.70 -0.75 0.00	31.14 -0.81 0.00	31.14 -0.83 0.00	29.34 -0.74 0.00	26.67 -0.71 0.00	28.06 -0.76 0.00	23.45 -0.65 0.00

SITHE___MASSENA 23902	17.15 0.03 0.00	17.19 -0.01 0.00	17.20 0.02 0.00	16.51 0.01 0.00	17.26 0.00 0.00	17.90 0.00 0.00	19.97 -0.06 0.00	25.69 -0.20 0.00	24.80 0.02 0.00	23.28 -0.01 0.00	27.59 0.03 0.00	28.47 -0.01 0.00	27.23 0.08 0.00	30.75 0.19 0.00	33.23 0.24 0.00	30.75 0.19 0.00	30.67 0.20 0.00	30.47 0.03 0.00	32.06 0.11 0.00	31.98 0.01 0.00	30.08 0.00 0.00	27.50 0.12 0.00	29.01 0.18 0.00	24.42 0.33 0.00
SITHE___OGDNSBRG 24021	17.26 0.14 0.00	17.20 0.00 0.00	17.24 0.06 0.00	16.54 0.04 0.00	17.31 0.04 0.00	17.98 0.07 0.00	20.09 0.05 0.00	25.86 -0.03 0.00	24.99 0.21 0.00	23.41 0.12 0.00	27.75 0.19 0.00	28.59 0.11 0.00	27.36 0.20 0.00	30.90 0.34 0.00	33.38 0.39 0.00	30.86 0.30 0.00	30.89 0.42 0.00	30.72 0.28 0.00	32.33 0.38 0.00	32.23 0.26 0.00	30.32 0.23 0.00	27.70 0.32 0.00	29.17 0.35 0.00	24.56 0.46 0.00
SITHE___STERLING 23777	17.32 0.21 0.00	17.37 0.17 0.00	17.34 0.16 0.00	16.68 0.18 0.00	17.49 0.22 0.00	18.20 0.29 0.00	20.47 0.43 0.00	26.59 0.70 0.00	25.41 0.63 0.00	23.87 0.58 0.00	28.24 0.69 0.00	29.19 0.71 0.00	27.82 0.67 0.00	31.35 0.79 0.00	33.81 0.81 0.00	31.37 0.82 0.00	31.33 0.87 0.00	31.47 1.03 0.00	33.01 1.06 0.00	33.04 1.07 0.00	31.08 1.01 0.00	28.20 0.81 0.00	29.57 0.74 0.00	24.64 0.55 0.00
SLEIGHT__34_KV_TB1 80719	16.71 -0.40 0.00	16.76 -0.44 0.00	16.68 -0.50 0.00	16.03 -0.47 0.00	16.81 -0.45 0.00	17.48 -0.43 0.00	19.61 -0.42 0.00	25.61 -0.28 0.00	24.35 -0.43 0.00	22.94 -0.35 0.00	27.12 -0.43 0.00	28.00 -0.48 0.00	26.67 -0.49 0.00	29.97 -0.59 0.00	32.22 -0.77 0.00	29.94 -0.61 0.00	29.94 -0.52 0.00	30.14 -0.30 0.00	31.55 -0.40 0.00	31.51 -0.46 0.00	29.76 -0.31 0.00	27.02 -0.36 0.00	28.47 -0.35 0.00	23.85 -0.24 0.00
SOUTH CAIRO___GT 23612	17.89 0.78 0.00	18.00 0.80 0.00	17.99 0.81 0.00	17.28 0.78 0.00	18.09 0.82 0.00	18.78 0.87 0.00	21.08 1.04 0.00	27.39 1.50 0.00	26.13 1.35 0.00	24.55 1.26 0.00	28.87 1.32 0.00	29.86 1.38 0.00	28.40 1.24 0.00	31.92 1.36 0.00	34.53 1.53 0.00	32.00 1.44 0.00	31.89 1.42 0.00	32.03 1.59 0.00	33.79 1.83 0.00	33.95 1.97 0.00	31.81 1.74 0.00	28.74 1.36 0.00	30.02 1.19 0.00	24.97 0.88 0.00
SOUTH HAMPTN___IC 23720	18.28 1.17 0.00	18.37 1.17 0.00	18.34 1.16 0.00	17.49 0.99 0.00	18.16 0.90 0.00	18.80 0.89 0.00	21.36 1.33 0.00	27.82 1.93 0.00	26.15 1.38 0.00	24.58 1.29 0.00	31.06 1.79 -1.71	30.47 1.95 -0.04	28.93 1.77 0.00	32.26 1.70 0.00	35.26 2.27 0.00	32.66 2.11 0.00	32.37 1.90 0.00	32.45 2.01 0.00	34.01 2.06 0.00	34.15 2.18 0.00	32.07 1.99 0.00	28.95 1.57 0.00	30.15 1.32 0.00	24.97 0.87 0.00
SOUTHDOW__115KV_TB1 355954	17.15 0.03 0.00	17.16 -0.04 0.00	16.92 -0.26 0.00	16.38 -0.12 0.00	17.30 0.04 0.00	17.91 0.00 0.00	20.14 0.11 0.00	26.70 0.81 0.00	25.23 0.45 0.00	23.61 0.32 0.00	27.92 0.37 0.00	28.89 0.41 0.00	27.41 0.25 0.00	30.97 0.41 0.00	33.04 0.04 0.00	30.67 0.11 0.00	30.47 0.00 0.00	31.08 0.64 0.00	32.59 0.63 0.00	32.61 0.64 0.00	31.02 0.94 0.00	28.02 0.64 0.00	29.58 0.75 0.00	24.67 0.57 0.00
SOUTHOLD_69_KV_BK 2 55809	18.39 1.28 0.00	18.48 1.28 0.00	18.45 1.28 0.00	17.59 1.09 0.00	18.28 1.02 0.00	18.92 1.02 0.00	21.51 1.48 0.00	28.03 2.14 0.00	26.38 1.60 0.00	24.78 1.49 0.00	31.30 2.03 -1.71	30.70 2.18 -0.04	29.17 2.02 0.00	32.54 1.98 0.00	35.55 2.55 0.00	32.94 2.38 0.00	32.66 2.19 0.00	32.72 2.28 0.00	34.30 2.35 0.00	34.45 2.48 0.00	32.35 2.27 0.00	29.19 1.81 0.00	30.39 1.56 0.00	25.16 1.06 0.00
SOUTHOLD___IC 23719	18.39 1.28 0.00	18.48 1.28 0.00	18.45 1.27 0.00	17.59 1.09 0.00	18.28 1.02 0.00	18.92 1.02 0.00	21.51 1.48 0.00	28.03 2.14 0.00	26.38 1.60 0.00	24.78 1.49 0.00	31.30 2.03 -1.71	30.71 2.19 -0.04	29.17 2.01 0.00	32.54 1.98 0.00	35.55 2.56 0.00	32.95 2.39 0.00	32.65 2.18 0.00	32.73 2.28 0.00	34.30 2.35 0.00	34.45 2.48 0.00	32.35 2.27 0.00	29.19 1.81 0.00	30.39 1.56 0.00	25.16 1.06 0.00
SOUTH_FORK_WT_PWR 323839	18.40 1.29 0.00	18.49 1.29 0.00	18.46 1.28 0.00	17.60 1.10 0.00	18.29 1.03 0.00	18.94 1.03 0.00	21.53 1.50 0.00	28.05 2.16 0.00	26.39 1.61 0.00	24.81 1.52 0.00	31.33 2.06 -1.71	30.72 2.20 -0.04	29.19 2.03 0.00	32.56 2.00 0.00	35.58 2.58 0.00	32.96 2.41 0.00	32.67 2.20 0.00	32.75 2.30 0.00	34.33 2.38 0.00	34.48 2.50 0.00	32.38 2.30 0.00	29.21 1.83 0.00	30.41 1.58 0.00	25.17 1.07 0.00
SPIERFLS_115KV_TB 1 80737	17.50 0.39 0.00	17.62 0.41 0.00	17.61 0.43 0.00	16.94 0.44 0.00	17.71 0.45 0.00	18.44 0.53 0.00	20.74 0.71 0.00	26.82 0.93 0.00	25.64 0.86 0.00	24.19 0.90 0.00	28.93 1.05 -0.33	29.62 1.13 -0.01	27.91 0.75 0.00	31.37 0.80 0.00	33.87 0.88 0.00	31.38 0.83 0.00	31.23 0.76 0.00	31.41 0.97 0.00	33.13 1.18 0.00	33.32 1.35 0.00	31.22 1.14 0.00	28.12 0.74 0.00	29.35 0.52 0.00	24.40 0.31 0.00
ST LAWRENCE___ 23600	16.96 -0.15 0.00	17.04 -0.16 0.00	17.05 -0.13 0.00	16.36 -0.14 0.00	17.10 -0.16 0.00	17.72 -0.18 0.00	19.78 -0.26 0.00	25.41 -0.48 0.00	24.53 -0.25 0.00	23.05 -0.23 0.00	27.31 -0.25 0.00	28.20 -0.28 0.00	26.97 -0.19 0.00	30.43 -0.13 0.00	32.88 -0.11 0.00	30.42 -0.13 0.00	30.33 -0.14 0.00	30.10 -0.34 0.00	31.65 -0.30 0.00	31.59 -0.38 0.00	29.72 -0.36 0.00	27.19 -0.20 0.00	28.71 -0.12 0.00	24.15 0.05 0.00
STATE_CA_115KV_115_LB 55624	17.37 0.26 0.00	17.47 0.28 0.00	17.46 0.28 0.00	16.78 0.28 0.00	17.53 0.27 0.00	18.15 0.25 0.00	20.32 0.28 0.00	26.37 0.48 0.00	25.11 0.33 0.00	23.61 0.32 0.00	28.20 0.31 -0.34	28.82 0.34 -0.01	27.46 0.30 0.00	30.83 0.28 0.00	33.31 0.32 0.00	30.84 0.29 0.00	30.73 0.27 0.00	30.79 0.35 0.00	32.35 0.40 0.00	32.43 0.46 0.00	30.44 0.36 0.00	27.54 0.16 0.00	28.86 0.03 0.00	24.04 -0.06 0.00
STATE_ST_34_KV_LOAD 55959	17.09 -0.02 0.00	17.16 -0.04 0.00	17.08 -0.10 0.00	16.41 -0.09 0.00	17.18 -0.08 0.00	17.84 -0.07 0.00	19.97 -0.06 0.00	26.01 0.12 0.00	24.73 -0.05 0.00	23.24 -0.05 0.00	27.45 -0.10 0.00	28.35 -0.13 0.00	27.01 -0.15 0.00	30.37 -0.18 0.00	32.68 -0.31 0.00	30.34 -0.21 0.00	30.36 -0.11 0.00	30.59 0.15 0.00	32.06 0.11 0.00	32.07 0.10 0.00	30.24 0.16 0.00	27.48 0.10 0.00	29.04 0.21 0.00	24.24 0.14 0.00
STATION 5_MISC_HYD 23604	16.74 -0.37 0.00	16.79 -0.41 0.00	16.70 -0.48 0.00	16.04 -0.46 0.00	16.84 -0.42 0.00	17.49 -0.42 0.00	19.59 -0.45 0.00	25.57 -0.32 0.00	24.29 -0.49 0.00	22.93 -0.36 0.00	27.15 -0.41 0.00	28.04 -0.44 0.00	26.67 -0.49 0.00	30.00 -0.56 0.00	32.26 -0.73 0.00	29.97 -0.58 0.00	29.99 -0.48 0.00	30.18 -0.26 0.00	31.57 -0.38 0.00	31.51 -0.46 0.00	29.84 -0.24 0.00	27.10 -0.28 0.00	28.57 -0.26 0.00	24.01 -0.09 0.00

STA_168_34_KV_BK1_2_REV_LBMP_B 345032	16.89 -0.22 0.00	16.94 -0.26 0.00	16.85 -0.33 0.00	16.20 -0.30 0.00	17.01 -0.25 0.00	17.68 -0.23 0.00	19.84 -0.20 0.00	25.92 0.04 0.00	24.61 -0.17 0.00	23.19 -0.10 0.00	27.44 -0.12 0.00	28.31 -0.17 0.00	26.94 -0.21 0.00	30.26 -0.30 0.00	32.55 -0.44 0.00	30.26 -0.29 0.00	30.25 -0.22 0.00	30.47 0.02 0.00	31.89 -0.06 0.00	31.87 -0.10 0.00	30.13 0.06 0.00	27.37 -0.01 0.00	28.82 -0.01 0.00	24.13 0.03 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	16.65 -0.46 0.00	16.70 -0.50 0.00	16.59 -0.58 0.00	15.96 -0.55 0.00	16.75 -0.51 0.00	17.40 -0.51 0.00	19.49 -0.55 0.00	25.45 -0.44 0.00	24.19 -0.59 0.00	22.83 -0.46 0.00	27.02 -0.54 0.00	27.91 -0.57 0.00	26.56 -0.60 0.00	29.87 -0.68 0.00	32.12 -0.88 0.00	29.85 -0.71 0.00	29.85 -0.62 0.00	30.03 -0.42 0.00	31.42 -0.53 0.00	31.36 -0.61 0.00	29.68 -0.39 0.00	26.95 -0.43 0.00	28.41 -0.42 0.00	23.85 -0.24 0.00
STA_56____34_KV_BUS2 355983	16.65 -0.46 0.00	16.70 -0.50 0.00	16.59 -0.58 0.00	15.96 -0.55 0.00	16.75 -0.51 0.00	17.40 -0.51 0.00	19.49 -0.55 0.00	25.45 -0.44 0.00	24.19 -0.59 0.00	22.83 -0.46 0.00	27.02 -0.54 0.00	27.91 -0.57 0.00	26.56 -0.60 0.00	29.87 -0.68 0.00	32.12 -0.88 0.00	29.85 -0.71 0.00	29.85 -0.62 0.00	30.03 -0.42 0.00	31.42 -0.53 0.00	31.36 -0.61 0.00	29.68 -0.39 0.00	26.95 -0.43 0.00	28.41 -0.42 0.00	23.85 -0.24 0.00
STA_67____115KV_BK2 355882	16.71 -0.40 0.00	16.76 -0.44 0.00	16.66 -0.52 0.00	16.01 -0.49 0.00	16.81 -0.45 0.00	17.46 -0.45 0.00	19.55 -0.49 0.00	25.52 -0.37 0.00	24.24 -0.54 0.00	22.88 -0.41 0.00	27.08 -0.48 0.00	27.98 -0.50 0.00	26.62 -0.54 0.00	29.94 -0.62 0.00	32.19 -0.80 0.00	29.91 -0.64 0.00	29.93 -0.54 0.00	30.11 -0.33 0.00	31.50 -0.45 0.00	31.43 -0.54 0.00	29.77 -0.31 0.00	27.03 -0.35 0.00	28.51 -0.32 0.00	23.96 -0.14 0.00
STA_7____115KV_9TRANS 80674	16.79 -0.32 0.00	16.85 -0.35 0.00	16.74 -0.44 0.00	16.09 -0.41 0.00	16.89 -0.37 0.00	17.55 -0.35 0.00	19.66 -0.37 0.00	25.68 -0.21 0.00	24.39 -0.39 0.00	23.02 -0.27 0.00	27.26 -0.30 0.00	28.16 -0.32 0.00	26.78 -0.38 0.00	30.12 -0.44 0.00	32.40 -0.60 0.00	30.11 -0.45 0.00	30.12 -0.35 0.00	30.32 -0.12 0.00	31.72 -0.23 0.00	31.66 -0.31 0.00	29.98 -0.10 0.00	27.21 -0.17 0.00	28.69 -0.14 0.00	24.09 0.00 0.00
STA_82____115KV_TB1 80780	16.72 -0.39 0.00	16.77 -0.43 0.00	16.66 -0.52 0.00	16.02 -0.48 0.00	16.82 -0.44 0.00	17.47 -0.44 0.00	19.56 -0.48 0.00	25.54 -0.35 0.00	24.25 -0.52 0.00	22.90 -0.40 0.00	27.10 -0.45 0.00	27.99 -0.48 0.00	26.63 -0.52 0.00	29.96 -0.60 0.00	32.20 -0.79 0.00	29.93 -0.63 0.00	29.94 -0.52 0.00	30.13 -0.31 0.00	31.52 -0.43 0.00	31.47 -0.51 0.00	29.79 -0.28 0.00	27.05 -0.33 0.00	28.53 -0.30 0.00	23.98 -0.12 0.00
STEEL____WIND 323596	16.57 -0.54 0.00	16.61 -0.59 0.00	16.49 -0.69 0.00	15.86 -0.64 0.00	16.69 -0.57 0.00	17.29 -0.62 0.00	19.32 -0.72 0.00	25.36 -0.53 0.00	24.02 -0.76 0.00	22.69 -0.60 0.00	26.84 -0.72 0.00	27.67 -0.81 0.00	26.29 -0.87 0.00	29.68 -0.88 0.00	31.76 -1.24 0.00	29.50 -1.05 0.00	29.55 -0.92 0.00	29.94 -0.51 0.00	31.24 -0.71 0.00	31.16 -0.81 0.00	29.67 -0.41 0.00	27.03 -0.35 0.00	28.59 -0.24 0.00	24.07 -0.03 0.00
STEPHTWN_115KV_BK_2 55603	17.52 0.41 0.00	17.60 0.40 0.00	17.58 0.40 0.00	16.91 0.41 0.00	17.69 0.43 0.00	18.32 0.42 0.00	20.55 0.52 0.00	26.70 0.81 0.00	25.43 0.65 0.00	23.86 0.57 0.00	28.56 0.65 -0.35	29.14 0.66 -0.01	27.74 0.59 0.00	31.20 0.64 0.00	33.66 0.66 0.00	31.14 0.58 0.00	31.06 0.59 0.00	31.13 0.69 0.00	32.78 0.83 0.00	32.74 0.76 0.00	30.78 0.71 0.00	27.84 0.46 0.00	29.09 0.26 0.00	24.29 0.19 0.00
STEUBEN_REC_LFGE 323667	16.54 -0.57 0.00	16.50 -0.70 0.00	16.47 -0.71 0.00	15.95 -0.55 0.00	16.82 -0.44 0.00	17.49 -0.42 0.00	19.77 -0.26 0.00	26.20 0.31 0.00	24.76 -0.02 0.00	23.32 0.03 0.00	27.37 -0.18 0.00	28.05 -0.43 0.00	26.52 -0.64 0.00	30.01 -0.55 0.00	32.24 -0.75 0.00	29.97 -0.59 0.00	29.82 -0.65 0.00	30.36 -0.08 0.00	31.91 -0.05 0.00	31.95 -0.02 0.00	30.51 0.42 0.00	27.89 0.51 0.00	29.38 0.56 0.00	24.23 0.14 0.00
STILLWATER____SOLAR 323814	17.69 0.58 0.00	17.80 0.60 0.00	17.79 0.61 0.00	17.10 0.60 0.00	17.88 0.62 0.00	18.58 0.67 0.00	20.85 0.81 0.00	26.98 1.09 0.00	25.68 0.90 0.00	24.16 0.86 0.00	28.89 1.00 -0.34	29.54 1.05 -0.01	28.04 0.88 0.00	31.50 0.94 0.00	34.04 1.04 0.00	31.51 0.96 0.00	31.38 0.91 0.00	31.50 1.05 0.00	33.18 1.23 0.00	33.33 1.36 0.00	31.24 1.17 0.00	28.22 0.84 0.00	29.54 0.71 0.00	24.60 0.50 0.00
STONY____BROOK 24151	18.15 1.04 0.00	18.23 1.03 0.00	18.18 1.00 0.00	17.33 0.83 0.00	18.00 0.74 0.00	18.62 0.71 0.00	21.07 1.03 0.00	27.43 1.54 0.00	25.91 1.13 0.00	24.28 0.99 0.00	30.79 1.53 -1.71	30.21 1.69 -0.04	28.68 1.53 0.00	31.98 1.42 0.00	34.98 1.99 0.00	32.40 1.84 0.00	31.95 1.49 0.00	32.00 1.56 0.00	33.51 1.56 0.00	33.67 1.70 0.00	31.65 1.57 0.00	28.58 1.20 0.00	29.88 1.05 0.00	24.81 0.71 0.00
STURGEON_POOL_HYD 23609	17.95 0.84 0.00	18.03 0.84 0.00	18.01 0.83 0.00	17.29 0.78 0.00	18.05 0.79 0.00	18.75 0.84 0.00	21.06 1.02 0.00	27.42 1.53 0.00	26.05 1.27 0.00	24.46 1.17 0.00	28.93 1.38 0.00	30.00 1.52 0.00	28.60 1.44 0.00	32.09 1.53 0.00	34.69 1.69 0.00	32.06 1.51 0.00	31.95 1.48 0.00	32.11 1.67 0.00	33.67 1.71 0.00	33.73 1.75 0.00	31.72 1.65 0.00	28.67 1.29 0.00	30.04 1.22 0.00	24.97 0.87 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	17.73 0.62 0.00	17.80 0.60 0.00	17.78 0.60 0.00	17.07 0.57 0.00	17.83 0.57 0.00	18.52 0.61 0.00	20.77 0.74 0.00	27.00 1.12 0.00	25.62 0.84 0.00	24.06 0.76 0.00	26.41 0.88 2.03	29.38 0.95 0.05	28.02 0.86 0.00	31.44 0.88 0.00	33.99 0.99 0.00	31.43 0.88 0.00	31.34 0.87 0.00	31.50 1.06 0.00	33.04 1.09 0.00	33.13 1.16 0.00	31.16 1.08 0.00	28.19 0.80 0.00	29.58 0.76 0.00	24.60 0.51 0.00
SWANROAD_115KV_TB1 355699	16.03 -1.09 0.00	16.07 -1.13 0.00	15.92 -1.26 0.00	15.33 -1.17 0.00	16.09 -1.17 0.00	16.69 -1.22 0.00	18.69 -1.34 0.00	24.30 -1.58 0.00	23.00 -1.78 0.00	21.79 -1.50 0.00	25.77 -1.79 0.00	26.55 -1.93 0.00	25.34 -1.82 0.00	28.52 -2.04 0.00	30.57 -2.43 0.00	28.38 -2.17 0.00	28.56 -1.91 0.00	28.85 -1.60 0.00	30.05 -1.91 0.00	29.92 -2.05 0.00	28.49 -1.59 0.00	25.93 -1.46 0.00	27.50 -1.33 0.00	23.32 -0.77 0.00
SYNERGY____BIOGAS 323694	16.81 -0.31 0.00	16.85 -0.35 0.00	16.72 -0.46 0.00	16.09 -0.41 0.00	16.90 -0.36 0.00	17.56 -0.35 0.00	19.72 -0.31 0.00	25.77 -0.12 0.00	24.38 -0.40 0.00	23.02 -0.27 0.00	27.33 -0.23 0.00	28.15 -0.33 0.00	26.66 -0.50 0.00	29.87 -0.68 0.00	32.07 -0.93 0.00	29.87 -0.68 0.00	30.09 -0.37 0.00	30.42 -0.03 0.00	31.79 -0.16 0.00	31.74 -0.24 0.00	30.15 0.07 0.00	27.36 -0.02 0.00	28.89 0.06 0.00	24.34 0.24 0.00

SYRACUSE___ENERGY_ST1 323597	16.93 -0.18 0.00	17.00 -0.20 0.00	16.95 -0.23 0.00	16.29 -0.21 0.00	17.07 -0.19 0.00	17.74 -0.17 0.00	19.86 -0.17 0.00	25.82 -0.07 0.00	24.58 -0.20 0.00	23.10 -0.19 0.00	27.33 -0.22 0.00	28.24 -0.24 0.00	26.90 -0.26 0.00	30.26 -0.30 0.00	32.59 -0.40 0.00	30.24 -0.32 0.00	30.25 -0.21 0.00	30.43 -0.01 0.00	31.90 -0.05 0.00	31.91 -0.06 0.00	30.05 -0.03 0.00	27.30 -0.08 0.00	28.73 -0.10 0.00	23.98 -0.12 0.00
SYRACUSE___ENERGY_ST2 323598	16.93 -0.18 0.00	17.00 -0.20 0.00	16.95 -0.23 0.00	16.29 -0.21 0.00	17.07 -0.19 0.00	17.74 -0.17 0.00	19.86 -0.17 0.00	25.82 -0.07 0.00	24.58 -0.20 0.00	23.10 -0.19 0.00	27.33 -0.22 0.00	28.24 -0.24 0.00	26.90 -0.26 0.00	30.26 -0.30 0.00	32.59 -0.40 0.00	30.24 -0.32 0.00	30.25 -0.21 0.00	30.43 -0.01 0.00	31.90 -0.05 0.00	31.91 -0.06 0.00	30.05 -0.03 0.00	27.30 -0.08 0.00	28.73 -0.10 0.00	23.98 -0.12 0.00
SYRACUSE___POWER 24017	16.95 -0.16 0.00	17.01 -0.19 0.00	16.96 -0.22 0.00	16.31 -0.20 0.00	17.09 -0.17 0.00	17.76 -0.15 0.00	19.90 -0.14 0.00	25.85 -0.03 0.00	24.64 -0.14 0.00	23.15 -0.14 0.00	27.39 -0.16 0.00	28.30 -0.18 0.00	26.96 -0.20 0.00	30.34 -0.21 0.00	32.65 -0.35 0.00	30.31 -0.25 0.00	30.32 -0.15 0.00	30.51 0.06 0.00	31.97 0.02 0.00	31.97 0.00 0.00	30.12 0.04 0.00	27.36 -0.02 0.00	28.76 -0.07 0.00	24.00 -0.10 0.00
TALLMAN__138KV_BK151 55660	17.82 0.71 0.00	17.89 0.68 0.00	17.87 0.69 0.00	17.14 0.64 0.00	17.91 0.64 0.00	18.60 0.69 0.00	20.87 0.83 0.00	27.13 1.24 0.00	25.72 0.94 0.00	24.13 0.84 0.00	25.83 0.95 2.68	29.45 1.04 0.07	28.11 0.95 0.00	31.51 0.96 0.00	34.08 1.09 0.00	31.52 0.96 0.00	31.43 0.96 0.00	31.58 1.14 0.00	33.12 1.16 0.00	33.21 1.24 0.00	31.24 1.16 0.00	28.25 0.87 0.00	29.67 0.84 0.00	24.67 0.57 0.00
TEALLAVE_115KV_TB7 355573	16.84 -0.27 0.00	16.91 -0.29 0.00	16.85 -0.33 0.00	16.20 -0.30 0.00	16.98 -0.28 0.00	17.64 -0.27 0.00	19.76 -0.28 0.00	25.73 -0.16 0.00	24.52 -0.26 0.00	23.05 -0.24 0.00	27.28 -0.27 0.00	28.18 -0.30 0.00	26.85 -0.31 0.00	30.20 -0.36 0.00	32.47 -0.53 0.00	30.17 -0.38 0.00	30.15 -0.32 0.00	30.32 -0.12 0.00	31.77 -0.18 0.00	31.78 -0.20 0.00	29.93 -0.14 0.00	27.18 -0.20 0.00	28.59 -0.23 0.00	23.86 -0.23 0.00
TELGRAPH_34_KV_EAST 80808	16.46 -0.66 0.00	16.50 -0.70 0.00	16.35 -0.82 0.00	15.74 -0.76 0.00	16.53 -0.73 0.00	17.17 -0.74 0.00	19.24 -0.80 0.00	25.11 -0.78 0.00	23.74 -1.04 0.00	22.47 -0.82 0.00	26.60 -0.96 0.00	27.41 -1.08 0.00	26.05 -1.11 0.00	29.31 -1.25 0.00	31.43 -1.56 0.00	29.27 -1.28 0.00	29.43 -1.04 0.00	29.73 -0.71 0.00	31.03 -0.92 0.00	30.93 -1.04 0.00	29.42 -0.66 0.00	26.73 -0.65 0.00	28.29 -0.54 0.00	23.90 -0.20 0.00
TEMPLE___115KV_TB 2 55572	16.85 -0.26 0.00	16.92 -0.28 0.00	16.86 -0.32 0.00	16.21 -0.29 0.00	16.99 -0.27 0.00	17.65 -0.26 0.00	19.77 -0.27 0.00	25.77 -0.11 0.00	24.57 -0.21 0.00	23.10 -0.20 0.00	27.34 -0.22 0.00	28.24 -0.24 0.00	26.91 -0.25 0.00	30.26 -0.30 0.00	32.53 -0.46 0.00	30.23 -0.32 0.00	30.21 -0.26 0.00	30.38 -0.06 0.00	31.83 -0.12 0.00	31.84 -0.13 0.00	29.99 -0.09 0.00	27.24 -0.14 0.00	28.64 -0.19 0.00	23.90 -0.19 0.00
TIANA____69_KV_BK 1 55817	18.23 1.12 0.00	18.32 1.12 0.00	18.29 1.12 0.00	17.44 0.94 0.00	18.11 0.85 0.00	18.74 0.83 0.00	21.29 1.26 0.00	27.72 1.83 0.00	26.06 1.29 0.00	24.49 1.20 0.00	30.95 1.68 -1.71	30.35 1.83 -0.04	28.83 1.68 0.00	32.14 1.59 0.00	35.13 2.14 0.00	32.54 1.99 0.00	32.27 1.80 0.00	32.33 1.89 0.00	33.88 1.93 0.00	34.03 2.06 0.00	31.96 1.88 0.00	28.86 1.48 0.00	30.06 1.23 0.00	24.89 0.79 0.00
TILDEN___115KV_TB1 80814	16.95 -0.16 0.00	17.01 -0.19 0.00	16.96 -0.22 0.00	16.31 -0.20 0.00	17.09 -0.17 0.00	17.76 -0.15 0.00	19.90 -0.14 0.00	25.85 -0.03 0.00	24.64 -0.14 0.00	23.15 -0.14 0.00	27.39 -0.16 0.00	28.30 -0.18 0.00	26.96 -0.20 0.00	30.34 -0.21 0.00	32.65 -0.35 0.00	30.31 -0.25 0.00	30.32 -0.15 0.00	30.51 0.06 0.00	31.97 0.02 0.00	31.97 0.00 0.00	30.12 0.04 0.00	27.36 -0.02 0.00	28.76 -0.07 0.00	24.00 -0.10 0.00
TRIGEN___CC 323695	17.98 0.87 0.00	18.05 0.85 0.00	18.00 0.82 0.00	17.20 0.70 0.00	17.91 0.65 0.00	18.57 0.66 0.00	20.89 0.85 0.00	27.19 1.30 0.00	25.76 0.98 0.00	24.22 0.93 0.00	30.58 1.31 -1.71	29.98 1.45 -0.05	28.48 1.31 -0.01	31.79 1.23 0.00	34.66 1.66 0.00	32.07 1.52 0.00	31.78 1.31 0.00	31.88 1.43 0.00	33.40 1.44 0.00	33.50 1.53 0.00	31.50 1.42 0.00	28.47 1.09 0.00	29.76 0.93 0.00	24.75 0.65 0.00
TRINITY__115KV__4 BK 55933	17.33 0.22 0.00	17.43 0.23 0.00	17.42 0.24 0.00	16.74 0.24 0.00	17.49 0.22 0.00	18.12 0.20 0.00	20.25 0.22 0.00	26.27 0.38 0.00	24.99 0.22 0.00	23.50 0.21 0.00	28.10 0.19 -0.36	28.70 0.21 -0.01	27.33 0.18 0.00	30.70 0.14 0.00	33.17 0.17 0.00	30.71 0.15 0.00	30.58 0.11 0.00	30.64 0.20 0.00	32.21 0.25 0.00	32.29 0.32 0.00	30.31 0.23 0.00	27.43 0.05 0.00	28.75 -0.08 0.00	23.96 -0.13 0.00
UNION___PROCESSING_DRP 323587	16.72 -0.39 0.00	16.77 -0.43 0.00	16.67 -0.51 0.00	16.03 -0.48 0.00	16.82 -0.44 0.00	17.47 -0.44 0.00	19.57 -0.47 0.00	25.54 -0.34 0.00	24.26 -0.52 0.00	22.90 -0.39 0.00	27.11 -0.45 0.00	28.00 -0.47 0.00	26.64 -0.52 0.00	29.96 -0.60 0.00	32.22 -0.77 0.00	29.94 -0.62 0.00	29.96 -0.51 0.00	30.15 -0.29 0.00	31.54 -0.42 0.00	31.48 -0.50 0.00	29.80 -0.27 0.00	27.06 -0.32 0.00	28.54 -0.29 0.00	23.98 -0.11 0.00
UPPER HUDSON___HYD 24058	17.50 0.39 0.00	17.62 0.41 0.00	17.60 0.43 0.00	16.94 0.44 0.00	17.71 0.45 0.00	18.44 0.53 0.00	20.74 0.71 0.00	26.82 0.93 0.00	25.64 0.86 0.00	24.19 0.90 0.00	28.93 1.05 -0.33	29.62 1.13 -0.01	27.91 0.75 0.00	31.36 0.80 0.00	33.87 0.88 0.00	31.38 0.83 0.00	31.23 0.76 0.00	31.41 0.97 0.00	33.13 1.18 0.00	33.32 1.35 0.00	31.22 1.14 0.00	28.12 0.74 0.00	29.35 0.52 0.00	24.40 0.31 0.00
UPPER RAQUET___HYD 24056	16.10 -1.02 0.00	16.56 -0.64 0.00	16.61 -0.57 0.00	15.93 -0.57 0.00	16.67 -0.59 0.00	17.31 -0.60 0.00	19.33 -0.71 0.00	24.89 -0.99 0.00	24.06 -0.72 0.00	22.56 -0.73 0.00	26.73 -0.82 0.00	27.59 -0.89 0.00	26.44 -0.72 0.00	29.91 -0.64 0.00	32.36 -0.63 0.00	29.94 -0.62 0.00	29.91 -0.55 0.00	29.75 -0.70 0.00	31.35 -0.60 0.00	31.27 -0.70 0.00	29.38 -0.70 0.00	26.82 -0.56 0.00	28.23 -0.60 0.00	23.79 -0.31 0.00
VALLEY44_115KV_TB2 355964	17.11 0.00 0.00	17.13 -0.07 0.00	17.03 -0.14 0.00	16.41 -0.09 0.00	17.25 -0.01 0.00	17.88 -0.02 0.00	19.96 -0.07 0.00	26.30 0.42 0.00	24.77 -0.01 0.00	23.21 -0.08 0.00	27.38 -0.18 0.00	28.29 -0.19 0.00	26.86 -0.30 0.00	30.22 -0.34 0.00	32.33 -0.67 0.00	30.05 -0.50 0.00	29.94 -0.53 0.00	30.40 -0.04 0.00	31.71 -0.24 0.00	31.68 -0.30 0.00	30.10 0.02 0.00	27.40 0.02 0.00	29.09 0.26 0.00	24.40 0.30 0.00

VALLEY___115KV_TB 1-4 80826	16.85 -0.26 0.00	16.96 -0.24 0.00	16.92 -0.26 0.00	16.26 -0.25 0.00	17.02 -0.25 0.00	17.71 -0.20 0.00	19.90 -0.14 0.00	25.80 -0.09 0.00	24.54 -0.24 0.00	23.07 -0.22 0.00	27.28 -0.28 0.00	28.18 -0.30 0.00	26.84 -0.31 0.00	30.22 -0.34 0.00	32.64 -0.36 0.00	30.18 -0.37 0.00	30.12 -0.35 0.00	30.40 -0.04 0.00	31.90 -0.06 0.00	31.92 -0.05 0.00	30.12 0.04 0.00	27.33 -0.05 0.00	28.64 -0.19 0.00	23.81 -0.29 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	17.51 0.40 0.00	17.58 0.38 0.00	17.56 0.38 0.00	16.86 0.36 0.00	17.65 0.39 0.00	18.36 0.45 0.00	20.62 0.58 0.00	26.82 0.93 0.00	25.54 0.76 0.00	24.01 0.72 0.00	28.05 0.84 0.35	29.33 0.86 0.01	27.96 0.81 0.00	31.44 0.89 0.00	33.91 0.92 0.00	31.42 0.87 0.00	31.34 0.86 0.00	31.54 1.10 0.00	33.06 1.11 0.00	33.07 1.10 0.00	31.17 1.09 0.00	28.29 0.91 0.00	29.74 0.91 0.00	24.76 0.67 0.00
VISCHER___FERRY HYD 24020	17.59 0.48 0.00	17.70 0.50 0.00	17.70 0.52 0.00	17.01 0.51 0.00	17.77 0.51 0.00	18.45 0.54 0.00	20.65 0.62 0.00	26.69 0.80 0.00	25.35 0.58 0.00	23.85 0.56 0.00	28.56 0.64 -0.36	29.15 0.66 -0.01	27.77 0.61 0.00	31.17 0.60 0.00	33.67 0.68 0.00	31.18 0.63 0.00	31.02 0.56 0.00	31.08 0.64 0.00	32.76 0.81 0.00	32.90 0.93 0.00	30.84 0.76 0.00	27.90 0.52 0.00	29.23 0.40 0.00	24.36 0.26 0.00
V_A_10_SYNC_DSASP 323832	16.41 -0.70 0.00	16.47 -0.73 0.00	16.36 -0.82 0.00	15.74 -0.76 0.00	16.52 -0.74 0.00	17.13 -0.78 0.00	19.12 -0.92 0.00	24.97 -0.92 0.00	23.67 -1.11 0.00	22.36 -0.93 0.00	26.45 -1.11 0.00	27.30 -1.18 0.00	26.01 -1.15 0.00	29.28 -1.28 0.00	31.39 -1.60 0.00	29.18 -1.37 0.00	29.26 -1.21 0.00	29.50 -0.94 0.00	30.80 -1.16 0.00	30.70 -1.27 0.00	29.14 -0.93 0.00	26.51 -0.87 0.00	28.05 -0.78 0.00	23.67 -0.42 0.00
V_CMM_10_SYNC_DSASP 323787	17.04 -0.07 0.00	17.12 -0.08 0.00	17.13 -0.05 0.00	16.44 -0.06 0.00	17.18 -0.08 0.00	17.81 -0.10 0.00	19.87 -0.17 0.00	25.53 -0.35 0.00	24.65 -0.12 0.00	23.17 -0.12 0.00	27.44 -0.12 0.00	28.33 -0.15 0.00	27.09 -0.07 0.00	30.57 0.02 0.00	33.04 0.04 0.00	30.56 0.01 0.00	30.48 0.00 0.00	30.25 -0.20 0.00	31.81 -0.15 0.00	31.74 -0.22 0.00	29.86 -0.22 0.00	27.31 -0.07 0.00	28.84 0.01 0.00	24.26 0.16 0.00
V_CMP_10_SYNC_DSASP 323788	16.82 -0.29 0.00	16.95 -0.25 0.00	16.97 -0.21 0.00	16.19 -0.31 0.00	16.62 -0.64 0.00	17.20 -0.70 0.00	19.12 -0.92 0.00	24.80 -1.09 0.00	24.01 -0.77 0.00	22.65 -0.64 0.00	26.80 -0.75 0.00	27.91 -0.57 0.00	26.81 -0.34 0.00	30.61 0.05 0.00	33.30 0.31 0.00	30.85 0.29 0.00	30.96 0.49 0.00	31.27 0.82 0.00	33.37 1.42 0.00	33.45 1.48 0.00	31.26 1.19 0.00	28.29 0.91 0.00	29.80 0.97 0.00	25.16 1.06 0.00
V_D_10_SYNC_DSASP 323841	17.15 0.04 0.00	17.20 -0.01 0.00	17.22 0.04 0.00	16.52 0.02 0.00	17.27 0.01 0.00	17.91 0.00 0.00	19.98 -0.06 0.00	25.70 -0.19 0.00	24.81 0.03 0.00	23.29 0.00 0.00	27.60 0.04 0.00	28.48 -0.01 0.00	27.24 0.09 0.00	30.75 0.19 0.00	33.24 0.24 0.00	30.75 0.20 0.00	30.68 0.21 0.00	30.48 0.04 0.00	32.07 0.12 0.00	31.99 0.01 0.00	30.08 0.01 0.00	27.50 0.12 0.00	29.02 0.19 0.00	24.43 0.33 0.00
V_E_10_SYNC_DSASP 323830	17.57 0.45 0.00	17.76 0.56 0.00	17.77 0.59 0.00	17.00 0.49 0.00	17.88 0.62 0.00	18.71 0.80 0.00	21.12 1.09 0.00	27.62 1.73 0.00	26.28 1.50 0.00	24.72 1.43 0.00	29.21 1.65 0.00	30.05 1.57 0.00	28.76 1.60 0.00	32.44 1.88 0.00	34.80 1.81 0.00	32.45 1.90 0.00	32.71 2.24 0.00	33.15 2.70 0.00	34.64 2.69 0.00	34.57 2.60 0.00	32.61 2.53 0.00	29.57 2.19 0.00	30.84 2.01 0.00	25.52 1.42 0.00
V_F_30_NSYNC___DSASP 323816	17.71 0.60 0.00	17.82 0.62 0.00	17.81 0.63 0.00	17.12 0.62 0.00	17.91 0.64 0.00	18.60 0.69 0.00	20.87 0.84 0.00	27.02 1.14 0.00	25.73 0.95 0.00	24.20 0.91 0.00	28.94 1.05 -0.33	29.61 1.12 -0.01	28.10 0.94 0.00	31.56 1.01 0.00	34.10 1.11 0.00	31.57 1.02 0.00	31.45 0.98 0.00	31.56 1.12 0.00	33.24 1.29 0.00	33.38 1.41 0.00	31.30 1.22 0.00	28.28 0.90 0.00	29.59 0.76 0.00	24.64 0.55 0.00
V_F_30_SYNC_DSASP 323786	17.37 0.26 0.00	17.47 0.28 0.00	17.46 0.28 0.00	16.78 0.28 0.00	17.53 0.27 0.00	18.15 0.24 0.00	20.31 0.27 0.00	26.37 0.48 0.00	25.11 0.33 0.00	23.60 0.31 0.00	28.20 0.31 -0.34	28.82 0.34 -0.01	27.46 0.30 0.00	30.83 0.27 0.00	33.31 0.32 0.00	30.84 0.29 0.00	30.73 0.26 0.00	30.79 0.34 0.00	32.35 0.39 0.00	32.43 0.46 0.00	30.44 0.36 0.00	27.54 0.16 0.00	28.86 0.03 0.00	24.04 -0.06 0.00
V_XM_10_SYNC_DSASP 323789	16.82 -0.29 0.00	16.95 -0.25 0.00	16.97 -0.21 0.00	16.19 -0.31 0.00	16.62 -0.64 0.00	17.20 -0.70 0.00	19.12 -0.92 0.00	24.80 -1.09 0.00	24.01 -0.77 0.00	22.65 -0.64 0.00	26.80 -0.75 0.00	27.91 -0.57 0.00	26.81 -0.34 0.00	30.61 0.05 0.00	33.30 0.31 0.00	30.85 0.29 0.00	30.96 0.49 0.00	31.27 0.82 0.00	33.37 1.42 0.00	33.45 1.48 0.00	31.26 1.19 0.00	28.29 0.91 0.00	29.80 0.97 0.00	25.16 1.06 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	17.87 0.76 0.00	17.94 0.74 0.00	17.92 0.74 0.00	17.19 0.69 0.00	17.96 0.69 0.00	18.65 0.74 0.00	20.94 0.90 0.00	27.21 1.32 0.00	25.80 1.02 0.00	24.21 0.92 0.00	25.77 1.06 2.85	29.54 1.13 0.07	28.19 1.03 0.00	31.61 1.05 0.00	34.18 1.19 0.00	31.62 1.07 0.00	31.53 1.06 0.00	31.68 1.23 0.00	33.21 1.26 0.00	33.31 1.34 0.00	31.33 1.25 0.00	28.33 0.95 0.00	29.76 0.93 0.00	24.75 0.65 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.01 0.90 0.00	18.08 0.88 0.00	18.06 0.88 0.00	17.33 0.83 0.00	18.08 0.82 0.00	18.78 0.87 0.00	21.10 1.06 0.00	27.47 1.59 0.00	26.11 1.34 0.00	24.54 1.25 0.00	30.75 1.46 -1.73	30.11 1.59 -0.04	28.60 1.44 0.00	32.05 1.50 0.00	34.62 1.63 0.00	32.03 1.48 0.00	31.91 1.44 0.00	32.06 1.62 0.00	33.58 1.63 0.00	33.65 1.68 0.00	31.65 1.57 0.00	28.58 1.20 0.00	29.92 1.10 0.00	24.90 0.80 0.00
W50THST__13_KV_LOAD 356117	18.07 0.96 0.00	18.14 0.94 0.00	18.13 0.95 0.00	17.40 0.90 0.00	18.15 0.89 0.00	18.87 0.96 0.00	21.20 1.17 0.00	27.62 1.73 0.00	26.26 1.49 0.00	24.69 1.40 0.00	30.92 1.64 -1.73	30.30 1.77 -0.04	28.77 1.62 0.00	32.27 1.71 0.00	34.85 1.85 0.00	32.23 1.67 0.00	32.11 1.64 0.00	32.27 1.83 0.00	33.79 1.84 0.00	33.82 1.85 0.00	31.80 1.72 0.00	28.71 1.33 0.00	30.05 1.22 0.00	24.99 0.89 0.00
WADING RIVER_IC_1 23522	18.04 0.93 0.00	18.14 0.94 0.00	18.12 0.94 0.00	17.27 0.77 0.00	17.93 0.67 0.00	18.54 0.63 0.00	21.08 1.05 0.00	27.41 1.52 0.00	25.72 0.95 0.00	24.16 0.87 0.00	30.56 1.29 -1.71	29.96 1.44 -0.04	28.44 1.29 0.00	31.71 1.16 0.00	34.68 1.68 0.00	32.13 1.58 0.00	31.86 1.39 0.00	31.92 1.48 0.00	33.45 1.50 0.00	33.59 1.61 0.00	31.54 1.47 0.00	28.51 1.13 0.00	29.70 0.87 0.00	24.59 0.49 0.00



WADING RIVER_IC_2 23547	18.04 0.93 0.00	18.14 0.94 0.00	18.12 0.94 0.00	17.27 0.77 0.00	17.93 0.67 0.00	18.54 0.63 0.00	21.08 1.05 0.00	27.41 1.52 0.00	25.72 0.95 0.00	24.16 0.87 0.00	30.56 1.29 -1.71	29.96 1.44 -0.04	28.44 1.29 0.00	31.71 1.16 0.00	34.68 1.68 0.00	32.13 1.58 0.00	31.86 1.39 0.00	31.92 1.48 0.00	33.45 1.50 0.00	33.59 1.61 0.00	31.54 1.47 0.00	28.51 1.13 0.00	29.70 0.87 0.00	24.59 0.49 0.00
WADING RIVER_IC_3 23601	18.04 0.93 0.00	18.14 0.94 0.00	18.12 0.94 0.00	17.27 0.77 0.00	17.93 0.67 0.00	18.54 0.63 0.00	21.08 1.05 0.00	27.41 1.52 0.00	25.72 0.95 0.00	24.16 0.87 0.00	30.56 1.29 -1.71	29.96 1.44 -0.04	28.44 1.29 0.00	31.71 1.16 0.00	34.68 1.68 0.00	32.13 1.58 0.00	31.86 1.39 0.00	31.92 1.48 0.00	33.45 1.50 0.00	33.59 1.61 0.00	31.54 1.47 0.00	28.51 1.13 0.00	29.70 0.87 0.00	24.59 0.49 0.00
WALDENNY_12_KV_BK2 80841	16.58 -0.54 0.00	16.62 -0.59 0.00	16.47 -0.71 0.00	15.85 -0.65 0.00	16.67 -0.59 0.00	17.29 -0.62 0.00	19.34 -0.69 0.00	25.35 -0.54 0.00	24.00 -0.77 0.00	22.70 -0.59 0.00	26.85 -0.71 0.00	27.69 -0.79 0.00	26.33 -0.83 0.00	29.69 -0.87 0.00	31.79 -1.21 0.00	29.53 -1.02 0.00	29.58 -0.89 0.00	29.95 -0.49 0.00	31.23 -0.72 0.00	31.16 -0.81 0.00	29.66 -0.42 0.00	26.99 -0.40 0.00	28.55 -0.28 0.00	24.06 -0.04 0.00
WALDEN___HYDRO 24148	17.86 0.75 0.00	17.94 0.73 0.00	17.92 0.74 0.00	17.19 0.69 0.00	17.96 0.70 0.00	18.66 0.75 0.00	20.96 0.92 0.00	27.26 1.37 0.00	25.83 1.05 0.00	24.31 1.03 0.00	28.01 1.19 0.74	29.72 1.26 0.02	28.28 1.13 0.00	31.74 1.18 0.00	34.31 1.32 0.00	31.74 1.18 0.00	31.64 1.17 0.00	31.81 1.37 0.00	33.38 1.42 0.00	33.48 1.51 0.00	31.49 1.41 0.00	28.46 1.08 0.00	29.84 1.02 0.00	24.81 0.72 0.00
WARRENSBURG____ 23737	17.50 0.39 0.00	17.62 0.41 0.00	17.60 0.43 0.00	16.94 0.44 0.00	17.71 0.45 0.00	18.44 0.53 0.00	20.74 0.71 0.00	26.82 0.93 0.00	25.64 0.86 0.00	24.19 0.90 0.00	28.93 1.05 -0.33	29.62 1.13 -0.01	27.91 0.75 0.00	31.36 0.80 0.00	33.87 0.88 0.00	31.38 0.83 0.00	31.23 0.76 0.00	31.41 0.97 0.00	33.13 1.18 0.00	33.32 1.35 0.00	31.22 1.14 0.00	28.12 0.74 0.00	29.35 0.52 0.00	24.40 0.31 0.00
WATERSIDE___6 8 9 23538	18.05 0.94 0.00	18.12 0.92 0.00	18.11 0.93 0.00	17.38 0.88 0.00	18.13 0.86 0.00	18.83 0.92 0.00	21.16 1.12 -0.01	27.53 1.64 0.00	26.18 1.40 0.00	24.59 1.30 0.00	30.78 1.51 -1.72	30.17 1.65 -0.04	28.65 1.49 0.00	32.11 1.55 0.00	34.71 1.71 0.00	32.09 1.54 0.00	31.98 1.51 0.00	32.14 1.69 0.00	33.65 1.70 0.00	33.72 1.75 0.00	31.73 1.65 0.00	28.65 1.27 0.00	29.99 1.17 0.00	24.94 0.84 0.00
WATKINRD_115KV_LN8_ILLION 55919	17.07 -0.04 0.00	17.16 -0.03 0.00	17.14 -0.04 0.00	16.47 -0.03 0.00	17.23 -0.03 0.00	17.91 0.01 0.00	20.11 0.07 0.00	26.06 0.17 0.00	24.82 0.04 0.00	23.33 0.04 0.00	27.57 0.02 0.00	28.50 0.02 0.00	27.14 -0.01 0.00	30.54 -0.02 0.00	32.98 -0.01 0.00	30.51 -0.04 0.00	30.42 -0.05 0.00	30.59 0.14 0.00	32.11 0.15 0.00	32.17 0.19 0.00	30.28 0.20 0.00	27.46 0.08 0.00	28.80 -0.03 0.00	23.97 -0.13 0.00
WATSON___69_KV_BK 1 55734	18.29 1.18 0.00	18.36 1.16 0.00	18.31 1.13 0.00	17.46 0.96 0.00	18.14 0.88 0.00	18.78 0.87 0.00	21.24 1.20 0.00	27.67 1.78 0.00	26.14 1.36 0.00	24.55 1.26 0.00	31.05 1.78 -1.71	30.46 1.94 -0.04	28.92 1.77 0.00	32.25 1.69 0.00	35.26 2.27 0.00	32.64 2.08 0.00	32.31 1.84 0.00	32.37 1.92 0.00	33.89 1.94 0.00	34.04 2.06 0.00	32.03 1.95 0.00	28.91 1.53 0.00	30.15 1.32 0.00	25.04 0.94 0.00
WDELAWARE___HYD 323627	17.91 0.80 0.00	17.97 0.77 0.00	17.95 0.77 0.00	17.23 0.72 0.00	18.01 0.75 0.00	18.73 0.82 0.00	21.07 1.04 0.00	27.74 1.85 0.00	26.46 1.68 0.00	24.87 1.58 0.00	28.81 1.86 0.60	30.58 2.11 0.01	29.32 2.17 0.00	32.97 2.41 0.00	35.55 2.56 0.00	32.64 2.09 0.00	32.46 2.00 0.00	32.34 1.90 0.00	33.91 1.95 0.00	33.33 1.36 0.00	31.33 1.25 0.00	28.31 0.93 0.00	29.65 0.82 0.00	24.63 0.53 0.00
WEST BABYLON___IC 23714	18.24 1.13 0.00	18.31 1.11 0.00	18.25 1.08 0.00	17.41 0.91 0.00	18.10 0.84 0.00	18.75 0.84 0.00	21.17 1.13 0.00	27.59 1.70 0.00	26.08 1.31 0.00	24.50 1.21 0.00	30.97 1.70 -1.71	30.38 1.86 -0.04	28.84 1.68 0.00	32.17 1.61 0.00	35.17 2.17 0.00	32.54 1.99 0.00	32.21 1.74 0.00	32.28 1.83 0.00	33.79 1.84 0.00	33.95 1.98 0.00	31.94 1.86 0.00	28.85 1.46 0.00	30.08 1.26 0.00	24.99 0.89 0.00
WEST CANADA___HYD 24049	17.14 0.03 0.00	17.24 0.03 0.00	17.21 0.03 0.00	16.54 0.04 0.00	17.30 0.04 0.00	17.96 0.05 0.00	20.12 0.08 0.00	26.04 0.16 0.00	24.86 0.09 0.00	23.38 0.09 0.00	27.63 0.07 0.00	28.58 0.10 0.00	27.24 0.08 0.00	30.65 0.09 0.00	33.10 0.11 0.00	30.65 0.10 0.00	30.53 0.06 0.00	30.56 0.12 0.00	32.08 0.13 0.00	32.11 0.14 0.00	30.20 0.12 0.00	27.44 0.06 0.00	28.85 0.03 0.00	24.08 -0.02 0.00
WESTERN_NY_WIND 24143	16.78 -0.33 0.00	16.83 -0.37 0.00	16.69 -0.49 0.00	16.05 -0.45 0.00	16.87 -0.39 0.00	17.54 -0.37 0.00	19.69 -0.34 0.00	25.73 -0.15 0.00	24.34 -0.44 0.00	22.99 -0.31 0.00	27.29 -0.27 0.00	28.10 -0.38 0.00	26.62 -0.54 0.00	29.84 -0.72 0.00	32.02 -0.97 0.00	29.83 -0.72 0.00	30.06 -0.41 0.00	30.39 -0.06 0.00	31.74 -0.21 0.00	31.69 -0.28 0.00	30.11 0.03 0.00	27.32 -0.06 0.00	28.85 0.02 0.00	24.32 0.22 0.00
WESTOVER___LESR 323668	17.11 0.00 0.00	17.16 -0.04 0.00	17.12 -0.07 0.00	16.46 -0.04 0.00	17.26 -0.01 0.00	17.90 -0.01 0.00	20.04 0.01 0.00	26.24 0.35 0.00	24.86 0.08 0.00	23.33 0.04 0.00	27.61 0.05 0.00	28.51 0.03 0.00	27.10 -0.06 0.00	30.54 -0.02 0.00	32.85 -0.15 0.00	30.47 -0.08 0.00	30.32 -0.15 0.00	30.70 0.26 0.00	32.11 0.16 0.00	32.11 0.14 0.00	30.28 0.20 0.00	27.56 0.18 0.00	29.07 0.24 0.00	24.15 0.06 0.00
WETHRSFD_WT_PWR 323626	16.38 -0.73 0.00	16.39 -0.81 0.00	16.31 -0.87 0.00	15.69 -0.81 0.00	16.52 -0.74 0.00	17.16 -0.75 0.00	19.28 -0.75 0.00	25.40 -0.48 0.00	24.04 -0.74 0.00	22.67 -0.62 0.00	26.71 -0.85 0.00	27.52 -0.96 0.00	26.05 -1.11 0.00	29.44 -1.11 0.00	31.52 -1.47 0.00	29.29 -1.27 0.00	29.26 -1.21 0.00	29.70 -0.74 0.00	31.03 -0.92 0.00	31.02 -0.95 0.00	29.61 -0.47 0.00	27.05 -0.33 0.00	28.58 -0.24 0.00	23.91 -0.18 0.00
WHAVSTOR_138KV_BK127 55557	17.81 0.70 0.00	17.88 0.68 0.00	17.86 0.68 0.00	17.14 0.64 0.00	17.90 0.64 0.00	18.59 0.68 0.00	20.86 0.82 0.00	27.10 1.22 0.00	25.70 0.92 0.00	24.12 0.82 0.00	25.62 0.94 2.88	29.42 1.02 0.07	28.08 0.92 0.00	31.49 0.93 0.00	34.05 1.06 0.00	31.49 0.94 0.00	31.40 0.93 0.00	31.55 1.11 0.00	33.08 1.13 0.00	33.18 1.21 0.00	31.19 1.12 0.00	28.21 0.83 0.00	29.64 0.81 0.00	24.66 0.56 0.00

WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	17.81 0.70 0.00	17.88 0.68 0.00	17.86 0.68 0.00	17.14 0.64 0.00	17.90 0.64 0.00	18.59 0.68 0.00	20.86 0.82 0.00	27.10 1.22 0.00	25.70 0.92 0.00	24.12 0.82 0.00	25.62 0.94 2.88	29.42 1.02 0.07	28.08 0.92 0.00	31.49 0.93 0.00	34.05 1.06 0.00	31.49 0.94 0.00	31.40 0.93 0.00	31.55 1.11 0.00	33.08 1.13 0.00	33.18 1.21 0.00	31.19 1.12 0.00	28.21 0.83 0.00	29.64 0.81 0.00	24.66 0.56 0.00
WHITEHAL_115KV_TB1 80871	17.75 0.63 0.00	17.89 0.69 0.00	17.92 0.74 0.00	17.28 0.79 0.00	18.05 0.79 0.00	18.89 0.98 0.00	21.28 1.25 0.00	27.24 1.35 0.00	25.87 1.09 0.00	24.43 1.14 0.00	29.24 1.36 -0.33	30.05 1.56 -0.01	28.32 1.16 0.00	31.82 1.26 0.00	34.30 1.31 0.00	31.85 1.30 0.00	31.60 1.13 0.00	32.00 1.56 0.00	33.95 2.00 0.00	34.43 2.45 0.00	32.14 2.07 0.00	28.71 1.33 0.00	29.78 0.96 0.00	24.71 0.61 0.00
WHITEPLN_13_KV_LOAD 356215	18.05 0.94 0.00	18.12 0.92 0.00	18.09 0.91 0.00	17.36 0.86 0.00	18.11 0.85 0.00	18.82 0.91 0.00	21.15 1.11 0.00	27.54 1.66 0.00	26.15 1.37 0.00	24.57 1.28 0.00	30.92 1.52 -1.84	30.16 1.64 -0.05	28.65 1.49 0.00	32.11 1.56 0.00	34.73 1.74 0.00	32.13 1.58 0.00	32.01 1.54 0.00	32.17 1.72 0.00	33.72 1.77 0.00	33.82 1.85 0.00	31.78 1.71 0.00	28.70 1.32 0.00	30.06 1.23 0.00	24.98 0.88 0.00
WM_FLOYD_69_KV_BK2 356380	18.19 1.08 0.00	18.29 1.08 0.00	18.25 1.07 0.00	17.39 0.89 0.00	18.06 0.80 0.00	18.69 0.78 0.00	21.19 1.15 0.00	27.58 1.69 0.00	25.98 1.21 0.00	24.40 1.11 0.00	30.84 1.57 -1.71	30.24 1.72 -0.04	28.72 1.56 0.00	32.02 1.46 0.00	35.01 2.01 0.00	32.42 1.87 0.00	32.13 1.67 0.00	32.19 1.75 0.00	33.73 1.77 0.00	33.86 1.89 0.00	31.82 1.74 0.00	28.74 1.36 0.00	29.95 1.13 0.00	24.83 0.73 0.00
WOODARD__115KV_TB2 355635	16.81 -0.30 0.00	16.87 -0.33 0.00	16.82 -0.36 0.00	16.17 -0.33 0.00	16.95 -0.32 0.00	17.60 -0.31 0.00	19.71 -0.32 0.00	25.64 -0.24 0.00	24.44 -0.34 0.00	22.97 -0.32 0.00	27.19 -0.36 0.00	28.09 -0.40 0.00	26.77 -0.39 0.00	30.10 -0.46 0.00	32.37 -0.63 0.00	30.09 -0.47 0.00	30.06 -0.41 0.00	30.21 -0.23 0.00	31.66 -0.29 0.00	31.67 -0.30 0.00	29.83 -0.25 0.00	27.10 -0.28 0.00	28.50 -0.33 0.00	23.79 -0.31 0.00
YORK___WARBASSE 23770	18.11 1.00 0.00	18.18 0.98 0.00	18.18 1.00 0.00	17.45 0.94 0.00	18.20 0.94 0.00	18.91 1.00 0.00	21.25 1.21 -0.01	27.60 1.71 0.00	26.22 1.45 0.00	24.62 1.33 0.00	30.81 1.54 -1.72	30.20 1.68 -0.04	28.68 1.52 0.00	32.14 1.58 0.00	34.75 1.76 0.00	32.13 1.58 0.00	32.04 1.57 0.00	32.19 1.75 0.00	33.70 1.75 0.00	33.80 1.82 0.00	31.83 1.75 0.00	28.74 1.36 0.00	30.09 1.26 0.00	25.00 0.90 0.00