

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/05/2024

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	16.84	18.66	9.93	16.07	20.16	18.37	15.00	17.00	19.08	19.67	21.27	22.64	26.40	27.22	26.70	31.12	32.83	33.53	32.13	32.13	32.14	26.99	27.06	28.60
24138	1.09	1.18	0.62	1.00	1.27	1.10	0.92	1.10	1.23	1.27	1.43	1.49	1.69	1.73	1.70	1.99	2.12	2.31	2.25	2.19	2.19	1.75	1.70	1.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	16.81	18.62	9.91	16.05	20.13	18.34	14.98	16.98	19.06	19.64	21.24	22.61	26.36	27.18	26.65	31.08	32.78	33.49	32.08	32.09	32.11	26.97	27.04	28.58
24260	1.07	1.14	0.60	0.97	1.25	1.07	0.90	1.07	1.20	1.25	1.40	1.46	1.64	1.69	1.65	1.95	2.06	2.27	2.20	2.16	2.16	1.73	1.69	1.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	16.81	18.62	9.91	16.05	20.13	18.34	14.98	16.98	19.06	19.64	21.24	22.61	26.36	27.18	26.65	31.08	32.78	33.49	32.08	32.09	32.11	26.97	27.04	28.58
24261	1.07	1.14	0.60	0.97	1.25	1.07	0.90	1.07	1.20	1.25	1.40	1.46	1.64	1.69	1.65	1.95	2.06	2.27	2.20	2.16	2.16	1.73	1.69	1.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	16.48	18.25	9.69	15.69	19.65	17.98	14.65	16.58	18.60	19.22	20.78	22.12	25.80	26.55	26.07	30.45	32.25	32.85	31.49	31.47	31.42	26.34	26.26	27.68
24011	0.73	0.77	0.39	0.61	0.76	0.71	0.57	0.68	0.74	0.82	0.94	0.97	1.08	1.06	1.06	1.32	1.53	1.63	1.61	1.54	1.46	1.10	0.91	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	16.55	18.31	9.71	15.71	19.69	18.05	14.70	16.64	18.64	19.29	20.89	22.22	25.92	26.67	26.21	30.64	32.49	33.08	31.73	31.68	31.59	26.47	26.35	27.73
23798	0.81	0.83	0.41	0.64	0.80	0.78	0.62	0.74	0.79	0.89	1.04	1.07	1.21	1.19	1.20	1.51	1.77	1.86	1.86	1.75	1.64	1.23	0.99	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	16.48	18.25	9.69	15.69	19.65	17.98	14.65	16.58	18.60	19.22	20.78	22.12	25.80	26.55	26.07	30.45	32.25	32.85	31.49	31.47	31.42	26.34	26.26	27.68
24028	0.73	0.77	0.39	0.61	0.76	0.71	0.57	0.68	0.74	0.82	0.94	0.97	1.08	1.06	1.06	1.32	1.53	1.63	1.61	1.54	1.46	1.10	0.91	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	16.55	18.43	9.82	15.90	19.87	18.08	14.70	16.62	18.61	19.19	20.72	22.03	25.71	26.50	25.98	30.24	31.99	32.56	31.16	31.21	31.24	26.24	26.29	27.72
23527	0.81	0.96	0.51	0.83	0.98	0.81	0.62	0.71	0.76	0.80	0.87	0.88	1.00	1.01	0.98	1.11	1.27	1.35	1.28	1.28	1.29	1.01	0.93	0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	16.20	17.98	9.60	15.52	19.41	17.72	14.45	16.30	18.16	18.68	19.94	21.24	24.78	25.54	25.06	29.20	30.84	31.42	30.10	30.14	30.16	25.34	25.45	27.17
24190	0.46	0.50	0.29	0.45	0.52	0.46	0.36	0.39	0.31	0.28	0.10	0.09	0.07	0.06	0.05	0.07	0.12	0.21	0.23	0.21	0.21	0.11	0.10	0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	15.65	17.36	9.23	14.97	18.78	17.21	14.05	15.86	17.79	18.32	19.76	21.06	24.63	25.40	24.93	29.06	30.62	30.98	29.59	29.62	29.63	25.06	25.24	26.82
355683	-0.09	-0.12	-0.07	-0.11	-0.11	-0.06	-0.03	-0.04	-0.06	-0.07	-0.08	-0.09	-0.08	-0.09	-0.08	-0.07	-0.10	-0.23	-0.29	-0.31	-0.32	-0.17	-0.11	-0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	16.41	18.22	9.72	15.72	19.67	17.95	14.64	16.53	18.47	19.00	20.34	21.67	25.31	26.08	25.58	29.84	31.49	32.09	30.78	30.83	30.85	25.93	26.00	27.67
323833	0.66	0.74	0.41	0.65	0.78	0.68	0.56	0.62	0.62	0.60	0.50	0.52	0.60	0.59	0.57	0.71	0.78	0.87	0.90	0.90	0.89	0.69	0.64	0.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	16.40	18.22	9.72	15.72	19.67	17.95	14.64	16.52	18.47	18.99	20.34	21.67	25.30	26.07	25.57	29.83	31.49	32.08	30.77	30.82	30.84	25.91	25.99	27.66
323834	0.66	0.74	0.41	0.64	0.78	0.68	0.55	0.62	0.61	0.60	0.49	0.52	0.58	0.58	0.56	0.70	0.77	0.86	0.89	0.89	0.89	0.67	0.63	0.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	16.20	17.98	9.60	15.52	19.41	17.72	14.45	16.30	18.16	18.68	19.94	21.24	24.78	25.54	25.06	29.20	30.84	31.42	30.10	30.14	30.16	25.34	25.45	27.17
23571	0.46	0.50	0.29	0.45	0.52	0.46	0.36	0.39	0.31	0.28	0.10	0.09	0.07	0.06	0.05	0.07	0.12	0.21	0.23	0.21	0.21	0.11	0.10	0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	16.20 0.46 0.00	17.98 0.50 0.00	9.60 0.29 0.00	15.52 0.45 0.00	19.41 0.52 0.00	17.72 0.46 0.00	14.45 0.36 0.00	16.30 0.39 0.00	18.16 0.31 0.00	18.68 0.28 0.00	19.94 0.10 0.00	21.24 0.09 0.00	24.78 0.07 0.00	25.54 0.06 0.00	25.06 0.05 0.00	29.20 0.07 0.00	30.84 0.12 0.00	31.42 0.21 0.00	30.10 0.23 0.00	30.14 0.21 0.00	30.16 0.21 0.00	25.34 0.11 0.00	25.45 0.10 0.00	27.17 0.22 0.00
ALBANY___3 23573	16.20 0.46 0.00	17.98 0.50 0.00	9.60 0.29 0.00	15.52 0.45 0.00	19.41 0.52 0.00	17.72 0.46 0.00	14.45 0.36 0.00	16.30 0.39 0.00	18.16 0.31 0.00	18.68 0.28 0.00	19.94 0.10 0.00	21.24 0.09 0.00	24.78 0.07 0.00	25.54 0.06 0.00	25.06 0.05 0.00	29.20 0.07 0.00	30.84 0.12 0.00	31.42 0.21 0.00	30.10 0.23 0.00	30.14 0.21 0.00	30.16 0.21 0.00	25.34 0.11 0.00	25.45 0.10 0.00	27.17 0.22 0.00
ALBANY___4 23574	16.20 0.46 0.00	17.98 0.50 0.00	9.60 0.29 0.00	15.52 0.45 0.00	19.41 0.52 0.00	17.72 0.46 0.00	14.45 0.36 0.00	16.30 0.39 0.00	18.16 0.31 0.00	18.68 0.28 0.00	19.94 0.10 0.00	21.24 0.09 0.00	24.78 0.07 0.00	25.54 0.06 0.00	25.06 0.05 0.00	29.20 0.07 0.00	30.84 0.12 0.00	31.42 0.21 0.00	30.10 0.23 0.00	30.14 0.21 0.00	30.16 0.21 0.00	25.34 0.11 0.00	25.45 0.10 0.00	27.17 0.22 0.00
ALBANY___LFGE 323615	16.31 0.56 0.00	18.09 0.61 0.00	9.66 0.35 0.00	15.62 0.54 0.00	19.52 0.63 0.00	17.83 0.56 0.00	14.54 0.46 0.00	16.40 0.50 0.00	18.30 0.44 0.00	18.83 0.43 0.00	20.12 0.28 0.00	21.43 0.28 0.00	25.02 0.30 0.00	25.78 0.29 0.00	25.30 0.29 0.00	29.48 0.36 0.00	31.13 0.42 0.00	31.73 0.51 0.00	30.39 0.51 0.00	30.41 0.49 0.00	30.43 0.48 0.00	25.57 0.34 0.00	25.67 0.32 0.00	27.37 0.43 0.00
ALCOA_PA_115KV_PL-6C 55860	15.66 -0.08 0.00	17.37 -0.11 0.00	9.24 -0.07 0.00	14.97 -0.10 0.00	18.80 -0.09 0.00	17.23 -0.04 0.00	14.07 -0.02 0.00	15.88 -0.03 0.00	17.81 -0.04 0.00	18.34 -0.05 0.00	19.77 -0.08 0.00	21.05 -0.09 0.00	24.63 -0.09 0.00	25.39 -0.09 0.00	24.92 -0.09 0.00	29.03 -0.10 0.00	30.59 -0.12 0.00	30.96 -0.26 0.00	29.56 -0.31 0.00	29.59 -0.34 0.00	29.61 -0.34 0.00	25.08 -0.16 0.00	25.28 -0.07 0.00	26.87 -0.07 0.00
ALCOA_RYNLDS___DRP 24188	15.66 -0.08 0.00	17.37 -0.11 0.00	9.24 -0.07 0.00	14.97 -0.10 0.00	18.80 -0.09 0.00	17.23 -0.04 0.00	14.07 -0.02 0.00	15.88 -0.03 0.00	17.81 -0.04 0.00	18.34 -0.05 0.00	19.77 -0.08 0.00	21.05 -0.09 0.00	24.63 -0.09 0.00	25.39 -0.09 0.00	24.92 -0.09 0.00	29.03 -0.10 0.00	30.59 -0.12 0.00	30.96 -0.26 0.00	29.56 -0.31 0.00	29.59 -0.34 0.00	29.61 -0.34 0.00	25.08 -0.16 0.00	25.28 -0.07 0.00	26.87 -0.07 0.00
ALCOA___DSASP 323711	15.67 -0.08 0.00	17.37 -0.11 0.00	9.24 -0.07 0.00	14.98 -0.09 0.00	18.80 -0.09 0.00	17.23 -0.04 0.00	14.07 -0.02 0.00	15.88 -0.03 0.00	17.81 -0.04 0.00	18.34 -0.05 0.00	19.77 -0.08 0.00	21.05 -0.09 0.00	24.63 -0.09 0.00	25.39 -0.09 0.00	24.92 -0.09 0.00	29.04 -0.10 0.00	30.60 -0.12 0.00	30.96 -0.26 0.00	29.56 -0.31 0.00	29.59 -0.34 0.00	29.61 -0.34 0.00	25.08 -0.16 0.00	25.28 -0.07 0.00	26.87 -0.07 0.00
ALLEGHENY___COGEN 23514	15.58 -0.16 0.00	17.30 -0.18 0.00	9.20 -0.10 0.00	14.93 -0.15 0.00	18.75 -0.14 0.00	17.17 -0.10 0.00	14.05 -0.03 0.00	15.80 -0.10 0.00	17.79 -0.07 0.00	18.25 -0.14 0.00	19.54 -0.31 0.00	20.95 -0.20 0.00	24.75 0.04 0.00	25.34 -0.14 0.00	24.93 -0.08 0.00	29.07 -0.06 0.00	30.68 -0.04 0.00	31.24 0.03 0.00	30.30 0.42 0.00	30.66 0.73 0.00	30.90 0.95 0.00	26.14 0.90 0.00	26.15 0.79 0.00	27.90 0.96 0.00
ALTAMONT_115KV_TB 2 55880	16.21 0.46 0.00	18.00 0.52 0.00	9.60 0.29 0.00	15.52 0.45 0.00	19.44 0.55 0.00	17.75 0.48 0.00	14.46 0.38 0.00	16.33 0.43 0.00	18.29 0.44 0.00	18.84 0.45 0.00	20.27 0.43 0.00	21.58 0.44 0.00	25.19 0.48 0.00	25.97 0.48 0.00	25.47 0.46 0.00	29.69 0.56 0.00	31.34 0.62 0.00	31.94 0.73 0.00	30.60 0.72 0.00	30.64 0.71 0.00	30.66 0.71 0.00	25.77 0.54 0.00	25.85 0.50 0.00	27.46 0.51 0.00
ALTONA_WT_PWR 323606	15.87 0.12 0.00	17.43 -0.05 0.00	9.22 -0.09 0.00	14.91 -0.17 0.00	18.73 -0.16 0.00	17.39 0.12 0.00	14.29 0.20 0.00	16.26 0.36 0.00	17.87 0.02 0.00	18.40 0.01 0.00	20.09 0.24 0.00	21.42 0.27 0.00	25.19 0.47 0.00	25.95 0.46 0.00	25.44 0.44 0.00	29.76 0.63 0.00	31.51 0.80 0.00	32.25 1.04 0.00	30.66 0.78 0.00	30.78 0.85 0.00	30.83 0.88 0.00	25.72 0.48 0.00	25.75 0.40 0.00	27.63 0.69 0.00
AMERICAN_REF_FUEL 24010	14.90 -0.85 0.00	16.57 -0.91 0.00	8.83 -0.47 0.00	14.31 -0.76 0.00	17.99 -0.90 0.00	16.44 -0.83 0.00	13.45 -0.63 0.00	15.01 -0.89 0.00	16.97 -0.88 0.00	17.54 -0.86 0.00	18.94 -0.91 0.00	20.26 -0.89 0.00	23.73 -0.98 0.00	24.51 -0.97 0.00	24.08 -0.93 0.00	28.00 -1.12 0.00	29.29 -1.43 0.00	29.56 -1.66 0.00	28.13 -1.75 0.00	28.28 -1.65 0.00	28.31 -1.64 0.00	24.14 -1.10 0.00	24.28 -1.08 0.00	26.18 -0.76 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	14.98 -0.76 0.00	16.63 -0.84 0.00	8.85 -0.45 0.00	14.38 -0.70 0.00	18.06 -0.83 0.00	16.53 -0.74 0.00	13.49 -0.59 0.00	15.16 -0.75 0.00	17.14 -0.72 0.00	17.70 -0.70 0.00	19.13 -0.71 0.00	20.60 -0.55 0.00	24.35 -0.37 0.00	25.33 -0.16 0.00	25.04 0.03 0.00	29.28 0.15 0.00	30.75 0.04 0.00	31.45 0.23 0.00	30.05 0.17 0.00	30.19 0.26 0.00	30.06 0.11 0.00	25.60 0.36 0.00	25.79 0.43 0.00	27.70 0.76 0.00
ARTHUR KILL_GT_1 23520	16.77 1.03 0.00	18.57 1.10 0.00	9.89 0.58 0.00	16.02 0.94 0.00	20.08 1.19 0.00	18.29 1.02 0.00	14.95 0.86 0.00	16.94 1.03 0.00	19.01 1.15 0.00	19.56 1.16 0.00	21.17 1.32 0.00	22.51 1.37 0.00	26.24 1.52 0.00	27.05 1.57 0.00	26.54 1.53 0.00	30.93 1.80 0.00	32.59 1.88 0.00	33.29 2.08 0.00	31.90 2.03 0.00	31.92 1.99 0.00	31.98 2.02 0.00	26.90 1.66 0.00	26.98 1.63 0.00	28.52 1.57 0.00
ARTHUR_KILL_2 23512	16.73 0.99 0.00	18.53 1.05 0.00	9.87 0.56 0.00	15.98 0.90 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.91 0.82 0.00	16.90 1.00 0.00	18.95 1.10 0.00	19.51 1.12 0.00	21.11 1.27 0.00	22.46 1.31 0.00	26.17 1.46 0.00	26.98 1.49 0.00	26.47 1.46 0.00	30.85 1.72 0.00	32.52 1.80 0.00	33.20 1.99 0.00	31.82 1.94 0.00	31.83 1.90 0.00	31.89 1.94 0.00	26.83 1.59 0.00	26.91 1.55 0.00	28.45 1.51 0.00
ARTHUR_KILL_3 23513	16.67 0.93 0.00	18.47 0.99 0.00	9.83 0.53 0.00	15.91 0.84 0.00	19.97 1.08 0.00	18.19 0.92 0.00	14.85 0.77 0.00	16.84 0.93 0.00	18.89 1.03 0.00	19.45 1.06 0.00	21.04 1.20 0.00	22.38 1.24 0.00	26.11 1.39 0.00	26.91 1.42 0.00	26.40 1.39 0.00	30.76 1.63 0.00	32.44 1.73 0.00	33.14 1.92 0.00	31.77 1.89 0.00	31.77 1.85 0.00	31.81 1.85 0.00	26.72 1.48 0.00	26.79 1.44 0.00	28.33 1.39 0.00

ARTHUR_KILL_COGEN 323718	16.77 1.03 0.00	18.57 1.10 0.00	9.89 0.58 0.00	16.02 0.94 0.00	20.08 1.19 0.00	18.29 1.02 0.00	14.95 0.86 0.00	16.94 1.03 0.00	19.01 1.15 0.00	19.56 1.16 0.00	21.17 1.32 0.00	22.51 1.37 0.00	26.24 1.52 0.00	27.05 1.57 0.00	26.54 1.53 0.00	30.93 1.80 0.00	32.59 1.88 0.00	33.29 2.08 0.00	31.90 2.03 0.00	31.92 1.99 0.00	31.98 2.02 0.00	26.90 1.66 0.00	26.98 1.63 0.00	28.52 1.57 0.00
ASHOKAN____ 23654	16.70 0.96 0.00	18.51 1.04 0.00	9.87 0.56 0.00	15.96 0.89 0.00	19.97 1.08 0.00	18.25 0.98 0.00	14.90 0.82 0.00	16.87 0.96 0.00	18.94 1.08 0.00	19.55 1.16 0.00	21.00 1.15 0.00	22.39 1.24 0.00	26.13 1.42 0.00	26.92 1.43 0.00	26.41 1.40 0.00	30.77 1.64 0.00	32.52 1.80 0.00	33.20 1.98 0.00	31.85 1.97 0.00	31.95 2.02 0.00	31.94 1.99 0.00	26.75 1.52 0.00	26.74 1.38 0.00	28.31 1.37 0.00
ASTORIA_EAST_ENERGY_CC1 323581	16.71 0.96 0.00	18.49 1.02 0.00	9.85 0.54 0.00	16.01 0.94 0.00	20.09 1.20 0.00	18.26 0.98 0.00	14.88 0.80 0.00	16.93 1.02 0.00	18.98 1.13 0.00	19.52 1.13 0.00	21.13 1.29 0.00	22.47 1.32 0.00	26.13 1.42 0.00	26.97 1.48 0.00	26.46 1.46 0.00	30.85 1.72 0.00	32.53 1.81 0.00	33.24 2.03 0.00	31.84 1.97 0.00	31.86 1.93 0.00	31.88 1.93 0.00	26.79 1.55 0.00	26.93 1.58 0.00	28.38 1.44 0.00
ASTORIA_EAST_ENERGY_CC2 323582	16.71 0.96 0.00	18.49 1.02 0.00	9.85 0.54 0.00	16.00 0.93 0.00	20.08 1.19 0.00	18.25 0.98 0.00	14.87 0.79 0.00	16.93 1.02 0.00	18.98 1.12 0.00	19.52 1.13 0.00	21.13 1.29 0.00	22.47 1.32 0.00	26.13 1.42 0.00	26.97 1.48 0.00	26.46 1.46 0.00	30.85 1.72 0.00	32.53 1.81 0.00	33.24 2.03 0.00	31.84 1.97 0.00	31.86 1.93 0.00	31.88 1.93 0.00	26.79 1.55 0.00	26.93 1.58 0.00	28.38 1.44 0.00
ASTORIA_GT2_1 24094	16.72 0.97 0.00	18.50 1.03 0.00	9.85 0.55 0.00	16.01 0.93 0.00	20.09 1.20 0.00	18.26 0.98 0.00	14.88 0.80 0.00	16.92 1.02 0.00	18.98 1.13 0.00	19.53 1.13 0.00	21.14 1.29 0.00	22.48 1.33 0.00	26.15 1.43 0.00	26.98 1.50 0.00	26.48 1.47 0.00	30.87 1.74 0.00	32.54 1.83 0.00	33.26 2.05 0.00	31.86 1.98 0.00	31.87 1.94 0.00	31.91 1.95 0.00	26.80 1.56 0.00	26.95 1.59 0.00	28.40 1.46 0.00
ASTORIA_GT2_2 24095	16.72 0.97 0.00	18.50 1.03 0.00	9.85 0.55 0.00	16.01 0.93 0.00	20.09 1.20 0.00	18.26 0.98 0.00	14.88 0.80 0.00	16.92 1.02 0.00	18.98 1.13 0.00	19.53 1.13 0.00	21.14 1.29 0.00	22.48 1.33 0.00	26.15 1.43 0.00	26.98 1.50 0.00	26.48 1.47 0.00	30.87 1.74 0.00	32.54 1.83 0.00	33.26 2.05 0.00	31.86 1.98 0.00	31.87 1.94 0.00	31.91 1.95 0.00	26.80 1.56 0.00	26.95 1.59 0.00	28.40 1.46 0.00
ASTORIA_GT2_3 24096	16.72 0.97 0.00	18.50 1.03 0.00	9.85 0.55 0.00	16.01 0.93 0.00	20.09 1.20 0.00	18.26 0.98 0.00	14.88 0.80 0.00	16.92 1.02 0.00	18.98 1.13 0.00	19.53 1.13 0.00	21.14 1.29 0.00	22.48 1.33 0.00	26.15 1.43 0.00	26.98 1.50 0.00	26.48 1.47 0.00	30.87 1.74 0.00	32.54 1.83 0.00	33.26 2.05 0.00	31.86 1.98 0.00	31.87 1.94 0.00	31.91 1.95 0.00	26.80 1.56 0.00	26.95 1.59 0.00	28.40 1.46 0.00
ASTORIA_GT2_4 24097	16.72 0.97 0.00	18.50 1.03 0.00	9.85 0.55 0.00	16.01 0.93 0.00	20.09 1.20 0.00	18.26 0.98 0.00	14.88 0.80 0.00	16.92 1.02 0.00	18.98 1.13 0.00	19.53 1.13 0.00	21.14 1.29 0.00	22.48 1.33 0.00	26.15 1.43 0.00	26.98 1.50 0.00	26.48 1.47 0.00	30.87 1.74 0.00	32.54 1.83 0.00	33.26 2.05 0.00	31.86 1.98 0.00	31.87 1.94 0.00	31.91 1.95 0.00	26.80 1.56 0.00	26.95 1.59 0.00	28.40 1.46 0.00
ASTORIA_GT3_1 24098	16.72 0.97 0.00	18.50 1.03 0.00	9.85 0.55 0.00	16.01 0.93 0.00	20.09 1.20 0.00	18.26 0.98 0.00	14.88 0.80 0.00	16.92 1.02 0.00	18.98 1.13 0.00	19.53 1.13 0.00	21.14 1.29 0.00	22.48 1.33 0.00	26.15 1.43 0.00	26.98 1.50 0.00	26.48 1.47 0.00	30.87 1.74 0.00	32.54 1.83 0.00	33.26 2.05 0.00	31.86 1.98 0.00	31.87 1.94 0.00	31.91 1.95 0.00	26.80 1.56 0.00	26.95 1.59 0.00	28.40 1.46 0.00
ASTORIA_GT3_2 24099	16.72 0.97 0.00	18.50 1.03 0.00	9.85 0.55 0.00	16.01 0.93 0.00	20.09 1.20 0.00	18.26 0.98 0.00	14.88 0.80 0.00	16.92 1.02 0.00	18.98 1.13 0.00	19.53 1.13 0.00	21.14 1.29 0.00	22.48 1.33 0.00	26.15 1.43 0.00	26.98 1.50 0.00	26.48 1.47 0.00	30.87 1.74 0.00	32.54 1.83 0.00	33.26 2.05 0.00	31.86 1.98 0.00	31.87 1.94 0.00	31.91 1.95 0.00	26.80 1.56 0.00	26.95 1.59 0.00	28.40 1.46 0.00
ASTORIA_GT3_3 24100	16.72 0.97 0.00	18.50 1.03 0.00	9.85 0.55 0.00	16.01 0.93 0.00	20.09 1.20 0.00	18.26 0.98 0.00	14.88 0.80 0.00	16.92 1.02 0.00	18.98 1.13 0.00	19.53 1.13 0.00	21.14 1.29 0.00	22.48 1.33 0.00	26.15 1.43 0.00	26.98 1.50 0.00	26.48 1.47 0.00	30.87 1.74 0.00	32.54 1.83 0.00	33.26 2.05 0.00	31.86 1.98 0.00	31.87 1.94 0.00	31.91 1.95 0.00	26.80 1.56 0.00	26.95 1.59 0.00	28.40 1.46 0.00
ASTORIA_GT3_4 24101	16.72 0.97 0.00	18.50 1.03 0.00	9.85 0.55 0.00	16.01 0.93 0.00	20.09 1.20 0.00	18.26 0.98 0.00	14.88 0.80 0.00	16.92 1.02 0.00	18.98 1.13 0.00	19.53 1.13 0.00	21.14 1.29 0.00	22.48 1.33 0.00	26.15 1.43 0.00	26.98 1.50 0.00	26.48 1.47 0.00	30.87 1.74 0.00	32.54 1.83 0.00	33.26 2.05 0.00	31.86 1.98 0.00	31.87 1.94 0.00	31.91 1.95 0.00	26.80 1.56 0.00	26.95 1.59 0.00	28.40 1.46 0.00
ASTORIA_GT4_1 24102	16.72 0.97 0.00	18.50 1.03 0.00	9.85 0.55 0.00	16.01 0.93 0.00	20.09 1.20 0.00	18.26 0.98 0.00	14.88 0.80 0.00	16.92 1.02 0.00	18.98 1.13 0.00	19.53 1.13 0.00	21.14 1.29 0.00	22.48 1.33 0.00	26.15 1.43 0.00	26.98 1.50 0.00	26.48 1.47 0.00	30.87 1.74 0.00	32.54 1.83 0.00	33.26 2.05 0.00	31.86 1.98 0.00	31.87 1.94 0.00	31.91 1.95 0.00	26.80 1.56 0.00	26.95 1.59 0.00	28.40 1.46 0.00
ASTORIA_GT4_2 24103	16.72 0.97 0.00	18.50 1.03 0.00	9.85 0.55 0.00	16.01 0.93 0.00	20.09 1.20 0.00	18.26 0.98 0.00	14.88 0.80 0.00	16.92 1.02 0.00	18.98 1.13 0.00	19.53 1.13 0.00	21.14 1.29 0.00	22.48 1.33 0.00	26.15 1.43 0.00	26.98 1.50 0.00	26.48 1.47 0.00	30.87 1.74 0.00	32.54 1.83 0.00	33.26 2.05 0.00	31.86 1.98 0.00	31.87 1.94 0.00	31.91 1.95 0.00	26.80 1.56 0.00	26.95 1.59 0.00	28.40 1.46 0.00
ASTORIA_GT4_3 24104	16.72 0.97 0.00	18.50 1.03 0.00	9.85 0.55 0.00	16.01 0.93 0.00	20.09 1.20 0.00	18.26 0.98 0.00	14.88 0.80 0.00	16.92 1.02 0.00	18.98 1.13 0.00	19.53 1.13 0.00	21.14 1.29 0.00	22.48 1.33 0.00	26.15 1.43 0.00	26.98 1.50 0.00	26.48 1.47 0.00	30.87 1.74 0.00	32.54 1.83 0.00	33.26 2.05 0.00	31.86 1.98 0.00	31.87 1.94 0.00	31.91 1.95 0.00	26.80 1.56 0.00	26.95 1.59 0.00	28.40 1.46 0.00

ASTORIA_GT4_4 24105	16.72 0.97 0.00	18.50 1.03 0.00	9.85 0.55 0.00	16.01 0.93 0.00	20.09 1.20 0.00	18.26 0.98 0.00	14.88 0.80 0.00	16.92 1.02 0.00	18.98 1.13 0.00	19.53 1.13 0.00	21.14 1.29 0.00	22.48 1.33 0.00	26.15 1.43 0.00	26.98 1.50 0.00	26.48 1.47 0.00	30.87 1.74 0.00	32.54 1.83 0.00	33.26 2.05 0.00	31.86 1.98 0.00	31.87 1.94 0.00	31.91 1.95 0.00	26.80 1.56 0.00	26.95 1.59 0.00	28.40 1.46 0.00
ASTORIA_GT_1 23523	16.74 1.00 0.00	18.53 1.06 0.00	9.87 0.56 0.00	16.03 0.96 0.00	20.12 1.23 0.00	18.28 1.01 0.00	14.90 0.82 0.00	16.95 1.05 0.00	19.01 1.16 0.00	19.56 1.16 0.00	21.17 1.33 0.00	22.52 1.37 0.00	26.19 1.48 0.00	27.03 1.55 0.00	26.53 1.52 0.00	30.93 1.80 0.00	32.61 1.89 0.00	33.32 2.11 0.00	31.92 2.04 0.00	31.93 2.00 0.00	31.97 2.01 0.00	26.85 1.61 0.00	26.99 1.64 0.00	28.44 1.50 0.00
ASTORIA_GT_10 24110	16.73 0.98 0.00	18.53 1.06 0.00	9.87 0.56 0.00	15.98 0.90 0.00	20.05 1.16 0.00	18.25 0.98 0.00	14.90 0.81 0.00	16.89 0.99 0.00	18.94 1.09 0.00	19.50 1.11 0.00	21.11 1.26 0.00	22.46 1.31 0.00	26.17 1.46 0.00	26.99 1.50 0.00	26.48 1.47 0.00	30.86 1.74 0.00	32.55 1.84 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.87 1.94 0.00	31.89 1.94 0.00	26.79 1.55 0.00	26.87 1.52 0.00	28.38 1.45 0.00
ASTORIA_GT_11 24225	16.73 0.98 0.00	18.53 1.06 0.00	9.87 0.56 0.00	15.98 0.90 0.00	20.05 1.16 0.00	18.25 0.98 0.00	14.90 0.81 0.00	16.89 0.99 0.00	18.94 1.09 0.00	19.50 1.11 0.00	21.11 1.26 0.00	22.46 1.31 0.00	26.17 1.46 0.00	26.99 1.50 0.00	26.48 1.47 0.00	30.86 1.74 0.00	32.55 1.84 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.87 1.94 0.00	31.89 1.94 0.00	26.79 1.55 0.00	26.87 1.52 0.00	28.38 1.45 0.00
ASTORIA_GT_12 24226	16.73 0.98 0.00	18.53 1.06 0.00	9.87 0.56 0.00	15.98 0.90 0.00	20.05 1.16 0.00	18.25 0.98 0.00	14.90 0.81 0.00	16.89 0.99 0.00	18.94 1.09 0.00	19.50 1.11 0.00	21.11 1.26 0.00	22.46 1.31 0.00	26.17 1.46 0.00	26.99 1.50 0.00	26.48 1.47 0.00	30.86 1.74 0.00	32.55 1.84 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.87 1.94 0.00	31.89 1.94 0.00	26.79 1.55 0.00	26.87 1.52 0.00	28.38 1.45 0.00
ASTORIA_GT_13 24227	16.73 0.98 0.00	18.53 1.06 0.00	9.87 0.56 0.00	15.98 0.90 0.00	20.05 1.16 0.00	18.25 0.98 0.00	14.90 0.81 0.00	16.89 0.99 0.00	18.94 1.09 0.00	19.50 1.11 0.00	21.11 1.26 0.00	22.46 1.31 0.00	26.17 1.46 0.00	26.99 1.50 0.00	26.48 1.47 0.00	30.86 1.74 0.00	32.55 1.84 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.87 1.94 0.00	31.89 1.94 0.00	26.79 1.55 0.00	26.87 1.52 0.00	28.38 1.45 0.00
ASTORIA_GT_5 24106	16.74 0.99 0.00	18.53 1.06 0.00	9.87 0.56 0.00	16.03 0.96 0.00	20.12 1.23 0.00	18.28 1.01 0.00	14.90 0.82 0.00	16.95 1.05 0.00	19.01 1.16 0.00	19.56 1.17 0.00	21.17 1.33 0.00	22.52 1.37 0.00	26.19 1.48 0.00	27.03 1.54 0.00	26.53 1.52 0.00	30.92 1.79 0.00	32.60 1.89 0.00	33.32 2.11 0.00	31.92 2.04 0.00	31.93 2.00 0.00	31.97 2.01 0.00	26.85 1.61 0.00	26.99 1.64 0.00	28.44 1.50 0.00
ASTORIA_GT_7 24107	16.74 0.99 0.00	18.53 1.06 0.00	9.87 0.56 0.00	16.03 0.96 0.00	20.12 1.23 0.00	18.28 1.01 0.00	14.90 0.82 0.00	16.95 1.05 0.00	19.01 1.16 0.00	19.56 1.17 0.00	21.17 1.33 0.00	22.52 1.37 0.00	26.19 1.48 0.00	27.03 1.54 0.00	26.53 1.52 0.00	30.92 1.79 0.00	32.60 1.89 0.00	33.32 2.11 0.00	31.92 2.04 0.00	31.93 2.00 0.00	31.97 2.01 0.00	26.85 1.61 0.00	26.99 1.64 0.00	28.44 1.50 0.00
ASTORIA_GT_8 24108	16.74 0.99 0.00	18.53 1.06 0.00	9.87 0.56 0.00	16.03 0.96 0.00	20.12 1.23 0.00	18.28 1.01 0.00	14.90 0.82 0.00	16.95 1.05 0.00	19.01 1.16 0.00	19.56 1.17 0.00	21.17 1.33 0.00	22.52 1.37 0.00	26.19 1.48 0.00	27.03 1.54 0.00	26.53 1.52 0.00	30.92 1.79 0.00	32.60 1.89 0.00	33.32 2.11 0.00	31.92 2.04 0.00	31.93 2.00 0.00	31.97 2.01 0.00	26.85 1.61 0.00	26.99 1.64 0.00	28.44 1.50 0.00
ASTORIA___2 24149	16.72 0.97 0.00	18.50 1.03 0.00	9.85 0.55 0.00	16.01 0.94 0.00	20.09 1.20 0.00	18.26 0.98 0.00	14.88 0.80 0.00	16.93 1.02 0.00	18.98 1.13 0.00	19.53 1.13 0.00	21.14 1.29 0.00	22.48 1.33 0.00	26.14 1.43 0.00	26.98 1.50 0.00	26.48 1.47 0.00	30.87 1.74 0.00	32.55 1.83 0.00	33.26 2.05 0.00	31.86 1.98 0.00	31.87 1.94 0.00	31.91 1.95 0.00	26.80 1.56 0.00	26.95 1.59 0.00	28.39 1.45 0.00
ASTORIA___3 23516	16.73 0.98 0.00	18.53 1.06 0.00	9.87 0.56 0.00	15.98 0.90 0.00	20.05 1.16 0.00	18.25 0.98 0.00	14.90 0.81 0.00	16.90 0.99 0.00	18.94 1.09 0.00	19.50 1.11 0.00	21.11 1.26 0.00	22.46 1.31 0.00	26.17 1.46 0.00	26.99 1.50 0.00	26.48 1.47 0.00	30.87 1.74 0.00	32.56 1.84 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.86 1.93 0.00	31.89 1.94 0.00	26.79 1.55 0.00	26.87 1.52 0.00	28.38 1.45 0.00
ASTORIA___4 23517	16.73 0.98 0.00	18.53 1.06 0.00	9.87 0.56 0.00	15.98 0.90 0.00	20.05 1.16 0.00	18.25 0.98 0.00	14.90 0.81 0.00	16.89 0.99 0.00	18.94 1.09 0.00	19.50 1.11 0.00	21.11 1.26 0.00	22.46 1.31 0.00	26.17 1.46 0.00	26.99 1.50 0.00	26.48 1.47 0.00	30.86 1.74 0.00	32.55 1.84 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.87 1.94 0.00	31.89 1.94 0.00	26.79 1.55 0.00	26.87 1.52 0.00	28.38 1.45 0.00
ASTORIA___5 23518	16.73 0.98 0.00	18.53 1.06 0.00	9.87 0.56 0.00	15.98 0.90 0.00	20.05 1.16 0.00	18.25 0.98 0.00	14.90 0.81 0.00	16.90 0.99 0.00	18.94 1.09 0.00	19.50 1.11 0.00	21.11 1.26 0.00	22.46 1.31 0.00	26.17 1.46 0.00	26.99 1.50 0.00	26.48 1.47 0.00	30.87 1.74 0.00	32.56 1.84 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.86 1.93 0.00	31.89 1.94 0.00	26.79 1.55 0.00	26.87 1.52 0.00	28.38 1.45 0.00
AST_ENERGY_2_CC3 323677	16.70 0.96 0.00	18.51 1.03 0.00	9.85 0.54 0.00	15.96 0.89 0.00	20.02 1.13 0.00	18.23 0.96 0.00	14.89 0.81 0.00	16.88 0.98 0.00	18.93 1.07 0.00	19.50 1.11 0.00	21.09 1.24 0.00	22.44 1.29 0.00	26.15 1.44 0.00	26.96 1.47 0.00	26.45 1.44 0.00	30.83 1.70 0.00	32.53 1.81 0.00	33.22 2.00 0.00	31.83 1.95 0.00	31.83 1.90 0.00	31.85 1.89 0.00	26.75 1.51 0.00	26.83 1.48 0.00	28.37 1.43 0.00
AST_ENERGY_2_CC4 323678	16.70 0.96 0.00	18.51 1.03 0.00	9.85 0.54 0.00	15.96 0.89 0.00	20.02 1.13 0.00	18.23 0.96 0.00	14.89 0.81 0.00	16.88 0.98 0.00	18.93 1.07 0.00	19.50 1.11 0.00	21.09 1.24 0.00	22.44 1.29 0.00	26.15 1.44 0.00	26.96 1.47 0.00	26.45 1.44 0.00	30.83 1.70 0.00	32.53 1.81 0.00	33.22 2.00 0.00	31.83 1.95 0.00	31.83 1.90 0.00	31.85 1.89 0.00	26.75 1.51 0.00	26.83 1.48 0.00	28.37 1.43 0.00

ATHENS_STG_1 23668	16.34 0.60 0.00	18.15 0.67 0.00	9.67 0.36 0.00	15.65 0.58 0.00	19.61 0.72 0.00	17.89 0.62 0.00	14.58 0.50 0.00	16.48 0.58 0.00	18.49 0.63 0.00	19.05 0.65 0.00	20.56 0.71 0.00	21.88 0.73 0.00	25.53 0.82 0.00	26.32 0.83 0.00	25.82 0.82 0.00	30.10 0.97 0.00	31.77 1.05 0.00	32.40 1.19 0.00	31.04 1.17 0.00	31.07 1.14 0.00	31.10 1.14 0.00	26.14 0.90 0.00	26.21 0.86 0.00	27.77 0.83 0.00
ATHENS_STG_2 23670	16.34 0.60 0.00	18.15 0.67 0.00	9.67 0.36 0.00	15.65 0.58 0.00	19.61 0.72 0.00	17.89 0.62 0.00	14.58 0.50 0.00	16.48 0.58 0.00	18.49 0.63 0.00	19.05 0.65 0.00	20.56 0.71 0.00	21.88 0.73 0.00	25.53 0.82 0.00	26.32 0.83 0.00	25.82 0.82 0.00	30.10 0.97 0.00	31.77 1.05 0.00	32.40 1.19 0.00	31.04 1.17 0.00	31.07 1.14 0.00	31.10 1.14 0.00	26.14 0.90 0.00	26.21 0.86 0.00	27.77 0.83 0.00
ATHENS_STG_3 23677	16.34 0.60 0.00	18.15 0.67 0.00	9.67 0.36 0.00	15.65 0.58 0.00	19.61 0.72 0.00	17.89 0.62 0.00	14.58 0.50 0.00	16.48 0.58 0.00	18.49 0.63 0.00	19.05 0.65 0.00	20.56 0.71 0.00	21.88 0.73 0.00	25.53 0.82 0.00	26.32 0.83 0.00	25.82 0.82 0.00	30.10 0.97 0.00	31.77 1.05 0.00	32.40 1.19 0.00	31.04 1.17 0.00	31.07 1.14 0.00	31.10 1.14 0.00	26.14 0.90 0.00	26.21 0.86 0.00	27.77 0.83 0.00
AUBURN___LFGE 323710	15.73 -0.02 0.00	17.43 -0.04 0.00	9.32 0.01 0.00	15.05 -0.03 0.00	18.91 0.02 0.00	17.31 0.04 0.00	14.08 0.00 0.00	15.90 -0.01 0.00	17.92 0.07 0.00	18.49 0.09 0.00	19.96 0.11 0.00	21.20 0.05 0.00	24.86 0.15 0.00	25.69 0.20 0.00	25.10 0.10 0.00	29.21 0.08 0.00	30.74 0.03 0.00	31.47 0.26 0.00	30.19 0.31 0.00	30.18 0.25 0.00	30.28 0.33 0.00	25.52 0.28 0.00	25.61 0.26 0.00	27.27 0.33 0.00
BABYLON_RES_REC 323704	16.95 1.20 0.00	18.73 1.25 0.00	9.97 0.66 0.00	16.08 1.01 0.00	20.09 1.20 0.00	18.32 1.05 0.00	15.06 0.98 0.00	17.02 1.12 0.00	19.11 1.26 0.00	21.27 1.41 -1.47	22.68 1.61 -1.22	23.08 1.59 -0.34	28.78 1.76 -2.30	29.37 1.85 -2.04	27.91 1.85 -1.05	32.04 2.21 -0.70	33.11 2.25 -0.15	33.68 2.46 0.00	32.03 2.15 0.00	31.90 1.97 0.00	31.93 1.97 0.00	26.86 1.62 0.00	27.14 1.78 0.00	28.58 1.64 0.00
BABYLON__69_KV_BK2 356345	17.12 1.37 0.00	18.90 1.43 0.00	10.06 0.76 0.00	16.24 1.17 0.00	20.28 1.39 0.00	18.49 1.22 0.00	15.21 1.13 0.00	17.18 1.28 0.00	19.31 1.45 0.00	21.49 1.63 -1.47	22.88 1.81 -1.22	23.31 1.82 -0.34	29.04 2.02 -2.30	29.65 2.12 -2.04	28.19 2.13 -1.05	32.37 2.55 -0.70	33.42 2.56 -0.15	34.01 2.80 0.00	32.35 2.47 0.00	32.20 2.27 0.00	32.22 2.27 0.00	27.12 1.88 0.00	27.41 2.05 0.00	28.85 1.90 0.00
BALL_HILL_WT_PWR 323825	15.23 -0.52 0.00	16.93 -0.55 0.00	9.01 -0.29 0.00	14.64 -0.43 0.00	18.40 -0.49 0.00	16.84 -0.43 0.00	13.75 -0.33 0.00	15.43 -0.47 0.00	17.42 -0.43 0.00	17.95 -0.44 0.00	19.38 -0.47 0.00	20.78 -0.37 0.00	24.41 -0.30 0.00	25.31 -0.18 0.00	24.91 -0.09 0.00	29.05 -0.08 0.00	30.47 -0.24 0.00	30.99 -0.22 0.00	29.56 -0.31 0.00	29.74 -0.19 0.00	29.68 -0.27 0.00	25.26 0.03 0.00	25.44 0.09 0.00	27.36 0.42 0.00
BARON_WINDS___WT_PWR 323822	14.96 -0.78 0.00	16.63 -0.85 0.00	8.85 -0.45 0.00	14.38 -0.69 0.00	18.06 -0.83 0.00	16.55 -0.72 0.00	13.52 -0.57 0.00	15.26 -0.64 0.00	17.18 -0.68 0.00	17.66 -0.73 0.00	19.08 -0.76 0.00	20.44 -0.71 0.00	24.04 -0.68 0.00	24.97 -0.52 0.00	24.72 -0.29 0.00	28.94 -0.18 0.00	30.53 -0.18 0.00	31.21 0.00 0.00	29.90 0.02 0.00	30.05 0.12 0.00	29.98 0.02 0.00	25.38 0.14 0.00	25.53 0.17 0.00	27.28 0.34 0.00
BARRETT_IC_1 23704	16.80 1.05 0.00	18.56 1.09 0.00	9.88 0.57 0.00	15.94 0.87 0.00	19.91 1.02 0.00	18.16 0.89 0.00	14.93 0.84 0.00	16.84 0.94 0.00	18.92 1.07 0.00	21.05 1.19 -1.47	36.53 1.44 -15.25	34.27 1.43 -11.69	55.05 1.55 -28.79	52.57 1.62 -25.46	39.82 1.64 -13.17	39.82 1.93 -8.76	34.57 1.97 -1.88	33.42 2.15 -0.06	31.72 1.85 0.00	31.66 1.73 0.00	31.68 1.73 0.00	26.66 1.42 0.00	26.98 1.58 -0.04	28.40 1.45 0.00
BARRETT_IC_10 23701	16.80 1.05 0.00	18.56 1.09 0.00	9.88 0.57 0.00	15.94 0.87 0.00	19.91 1.02 0.00	18.16 0.89 0.00	14.93 0.84 0.00	16.84 0.94 0.00	18.92 1.07 0.00	21.05 1.19 -1.47	36.53 1.44 -15.25	34.27 1.43 -11.69	55.05 1.55 -28.79	52.57 1.62 -25.46	39.82 1.64 -13.17	39.82 1.93 -8.76	34.57 1.97 -1.88	33.38 2.15 -0.02	31.72 1.85 0.00	31.66 1.73 0.00	31.68 1.73 0.00	26.66 1.42 0.00	26.98 1.58 -0.04	28.40 1.45 0.00
BARRETT_IC_11 23702	16.80 1.05 0.00	18.56 1.09 0.00	9.88 0.57 0.00	15.94 0.87 0.00	19.91 1.02 0.00	18.16 0.89 0.00	14.93 0.84 0.00	16.84 0.94 0.00	18.92 1.07 0.00	21.05 1.19 -1.47	36.53 1.44 -15.25	34.27 1.43 -11.69	55.05 1.55 -28.79	52.57 1.62 -25.46	39.82 1.64 -13.17	39.82 1.93 -8.76	34.57 1.97 -1.88	33.38 2.15 -0.02	31.72 1.85 0.00	31.66 1.73 0.00	31.68 1.73 0.00	26.66 1.42 0.00	26.98 1.58 -0.04	28.40 1.45 0.00
BARRETT_IC_12 23703	16.80 1.05 0.00	18.56 1.09 0.00	9.88 0.57 0.00	15.94 0.87 0.00	19.91 1.02 0.00	18.16 0.89 0.00	14.93 0.84 0.00	16.84 0.94 0.00	18.92 1.07 0.00	21.05 1.19 -1.47	36.53 1.44 -15.25	34.27 1.43 -11.69	55.05 1.55 -28.79	52.57 1.62 -25.46	39.82 1.64 -13.17	39.82 1.93 -8.76	34.57 1.97 -1.88	33.38 2.15 -0.02	31.72 1.85 0.00	31.66 1.73 0.00	31.68 1.73 0.00	26.66 1.42 0.00	26.98 1.58 -0.04	28.40 1.45 0.00
BARRETT_IC_2 23705	16.80 1.05 0.00	18.56 1.09 0.00	9.88 0.57 0.00	15.94 0.87 0.00	19.91 1.02 0.00	18.16 0.89 0.00	14.93 0.84 0.00	16.84 0.94 0.00	18.92 1.07 0.00	21.05 1.19 -1.47	36.53 1.44 -15.25	34.27 1.43 -11.69	55.05 1.55 -28.79	52.57 1.62 -25.46	39.82 1.64 -13.17	39.82 1.93 -8.76	34.57 1.97 -1.88	33.42 2.15 -0.06	31.72 1.85 0.00	31.66 1.73 0.00	31.68 1.73 0.00	26.66 1.42 0.00	26.98 1.58 -0.04	28.40 1.45 0.00
BARRETT_IC_3 23706	16.80 1.05 0.00	18.56 1.09 0.00	9.88 0.57 0.00	15.94 0.87 0.00	19.91 1.02 0.00	18.16 0.89 0.00	14.93 0.84 0.00	16.84 0.94 0.00	18.92 1.07 0.00	21.05 1.19 -1.47	36.53 1.44 -15.25	34.27 1.43 -11.69	55.05 1.55 -28.79	52.57 1.62 -25.46	39.82 1.64 -13.17	39.82 1.93 -8.76	34.57 1.97 -1.88	33.42 2.15 -0.06	31.72 1.85 0.00	31.66 1.73 0.00	31.68 1.73 0.00	26.66 1.42 0.00	26.98 1.58 -0.04	28.40 1.45 0.00
BARRETT_IC_4 23707	16.80 1.05 0.00	18.56 1.09 0.00	9.88 0.57 0.00	15.94 0.87 0.00	19.91 1.02 0.00	18.16 0.89 0.00	14.93 0.84 0.00	16.84 0.94 0.00	18.92 1.07 0.00	21.05 1.19 -1.47	36.53 1.44 -15.25	34.27 1.43 -11.69	55.05 1.55 -28.79	52.57 1.62 -25.46	39.82 1.64 -13.17	39.82 1.93 -8.76	34.57 1.97 -1.88	33.42 2.15 -0.06	31.72 1.85 0.00	31.66 1.73 0.00	31.68 1.73 0.00	26.66 1.42 0.00	26.98 1.58 -0.04	28.40 1.45 0.00

BARRETT_IC_5 23708	16.80 1.05 0.00	18.56 1.09 0.00	9.88 0.57 0.00	15.94 0.87 0.00	19.91 1.02 0.00	18.16 0.89 0.00	14.93 0.84 0.00	16.84 0.94 0.00	18.92 1.07 0.00	21.05 1.19 -1.47	36.53 1.44 -15.25	34.27 1.43 -11.69	55.05 1.55 -28.79	52.57 1.62 -25.46	39.82 1.64 -13.17	39.82 1.93 -8.76	34.57 1.97 -1.88	33.42 2.15 -0.06	31.72 1.85 0.00	31.66 1.73 0.00	31.68 1.73 0.00	26.66 1.42 0.00	26.98 1.58 -0.04	28.40 1.45 0.00
BARRETT_IC_6 23709	16.80 1.05 0.00	18.56 1.09 0.00	9.88 0.57 0.00	15.94 0.87 0.00	19.91 1.02 0.00	18.16 0.89 0.00	14.93 0.84 0.00	16.84 0.94 0.00	18.92 1.07 0.00	21.05 1.19 -1.47	36.53 1.44 -15.25	34.27 1.43 -11.69	55.05 1.55 -28.79	52.57 1.62 -25.46	39.82 1.64 -13.17	39.82 1.93 -8.76	34.57 1.97 -1.88	33.42 2.15 -0.06	31.72 1.85 0.00	31.66 1.73 0.00	31.68 1.73 0.00	26.66 1.42 0.00	26.98 1.58 -0.04	28.40 1.45 0.00
BARRETT_IC_7 23710	16.80 1.05 0.00	18.56 1.09 0.00	9.88 0.57 0.00	15.94 0.87 0.00	19.91 1.02 0.00	18.16 0.89 0.00	14.93 0.84 0.00	16.84 0.93 0.00	18.92 1.07 0.00	21.05 1.19 -1.47	36.52 1.43 -15.25	34.26 1.42 -11.69	55.05 1.55 -28.79	52.57 1.62 -25.46	39.82 1.64 -13.17	39.82 1.92 -8.76	34.53 1.93 -1.88	33.41 2.14 -0.06	31.72 1.85 0.00	31.66 1.73 0.00	31.68 1.73 0.00	26.66 1.42 0.00	26.98 1.58 -0.04	28.40 1.45 0.00
BARRETT_IC_8 23711	16.80 1.05 0.00	18.56 1.09 0.00	9.88 0.57 0.00	15.94 0.87 0.00	19.91 1.02 0.00	18.16 0.89 0.00	14.93 0.84 0.00	16.84 0.94 0.00	18.92 1.07 0.00	21.05 1.19 -1.47	36.53 1.44 -15.25	34.27 1.43 -11.69	55.05 1.55 -28.79	52.57 1.62 -25.46	39.82 1.64 -13.17	39.82 1.93 -8.76	34.57 1.97 -1.88	33.42 2.15 -0.06	31.72 1.85 0.00	31.66 1.73 0.00	31.68 1.73 0.00	26.66 1.42 0.00	26.98 1.58 -0.04	28.40 1.45 0.00
BARRETT_IC_9 23700	16.80 1.05 0.00	18.56 1.09 0.00	9.88 0.57 0.00	15.94 0.87 0.00	19.91 1.02 0.00	18.16 0.89 0.00	14.93 0.84 0.00	16.84 0.94 0.00	18.92 1.07 0.00	21.05 1.19 -1.47	36.53 1.44 -15.25	34.27 1.43 -11.69	55.05 1.55 -28.79	52.57 1.62 -25.46	39.82 1.64 -13.17	39.82 1.93 -8.76	34.57 1.97 -1.88	33.38 2.15 -0.02	31.72 1.85 0.00	31.66 1.73 0.00	31.68 1.73 0.00	26.66 1.42 0.00	26.98 1.58 -0.04	28.40 1.45 0.00
BARRETT___1 23545	16.80 1.05 0.00	18.56 1.09 0.00	9.88 0.57 0.00	15.94 0.87 0.00	19.91 1.02 0.00	18.16 0.89 0.00	14.93 0.84 0.00	16.84 0.94 0.00	18.92 1.07 0.00	21.05 1.19 -1.47	36.53 1.44 -15.25	34.27 1.43 -11.69	55.05 1.55 -28.79	52.57 1.62 -25.46	39.82 1.64 -13.17	39.82 1.93 -8.76	34.57 1.97 -1.88	33.42 2.15 -0.06	31.72 1.85 0.00	31.66 1.73 0.00	31.68 1.73 0.00	26.66 1.42 0.00	26.98 1.58 -0.04	28.40 1.45 0.00
BARRETT___2 23546	16.80 1.05 0.00	18.56 1.09 0.00	9.88 0.57 0.00	15.94 0.87 0.00	19.91 1.02 0.00	18.16 0.89 0.00	14.93 0.84 0.00	16.84 0.94 0.00	18.92 1.07 0.00	21.05 1.19 -1.47	36.53 1.44 -15.25	34.27 1.43 -11.69	55.05 1.55 -28.79	52.57 1.62 -25.46	39.82 1.64 -13.17	39.82 1.93 -8.76	34.57 1.97 -1.88	33.38 2.15 -0.02	31.72 1.85 0.00	31.66 1.73 0.00	31.68 1.73 0.00	26.66 1.42 0.00	26.98 1.58 -0.04	28.40 1.45 0.00
BATAVIA__115KV_TB1 55881	15.49 -0.26 0.00	17.20 -0.27 0.00	9.16 -0.15 0.00	14.85 -0.23 0.00	18.65 -0.24 0.00	17.06 -0.21 0.00	13.95 -0.13 0.00	15.64 -0.27 0.00	17.70 -0.15 0.00	18.26 -0.14 0.00	19.69 -0.16 0.00	20.99 -0.16 0.00	24.66 -0.06 0.00	25.38 -0.11 0.00	24.99 -0.02 0.00	29.01 -0.11 0.00	30.54 -0.18 0.00	30.94 -0.28 0.00	29.55 -0.33 0.00	29.72 -0.20 0.00	29.79 -0.17 0.00	25.29 0.05 0.00	25.35 0.00 0.00	27.21 0.27 0.00
BAYONEEC___CTG1 323682	16.72 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.89 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.90 0.82 0.00	16.89 0.99 0.00	18.95 1.09 0.00	19.52 1.13 0.00	21.11 1.26 0.00	22.46 1.32 0.00	26.19 1.48 0.00	27.00 1.51 0.00	26.48 1.48 0.00	30.87 1.75 0.00	32.57 1.85 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.87 1.94 0.00	31.90 1.95 0.00	26.79 1.56 0.00	26.87 1.52 0.00	28.40 1.46 0.00
BAYONEEC___CTG10 323750	16.72 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.89 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.90 0.82 0.00	16.89 0.99 0.00	18.95 1.09 0.00	19.52 1.13 0.00	21.11 1.26 0.00	22.46 1.32 0.00	26.19 1.48 0.00	27.00 1.51 0.00	26.48 1.48 0.00	30.87 1.75 0.00	32.57 1.85 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.87 1.94 0.00	31.90 1.95 0.00	26.79 1.56 0.00	26.87 1.52 0.00	28.40 1.46 0.00
BAYONEEC___CTG2 323683	16.72 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.89 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.90 0.82 0.00	16.89 0.99 0.00	18.95 1.09 0.00	19.52 1.13 0.00	21.11 1.26 0.00	22.46 1.32 0.00	26.19 1.48 0.00	27.00 1.51 0.00	26.48 1.48 0.00	30.87 1.75 0.00	32.57 1.85 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.87 1.94 0.00	31.90 1.95 0.00	26.79 1.56 0.00	26.87 1.52 0.00	28.40 1.46 0.00
BAYONEEC___CTG3 323684	16.72 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.89 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.90 0.82 0.00	16.89 0.99 0.00	18.95 1.09 0.00	19.52 1.13 0.00	21.11 1.26 0.00	22.46 1.32 0.00	26.19 1.48 0.00	27.00 1.51 0.00	26.48 1.48 0.00	30.87 1.75 0.00	32.57 1.85 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.87 1.94 0.00	31.90 1.95 0.00	26.79 1.56 0.00	26.87 1.52 0.00	28.40 1.46 0.00
BAYONEEC___CTG4 323685	16.72 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.89 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.90 0.82 0.00	16.89 0.99 0.00	18.95 1.09 0.00	19.52 1.13 0.00	21.11 1.26 0.00	22.46 1.32 0.00	26.19 1.48 0.00	27.00 1.51 0.00	26.48 1.48 0.00	30.87 1.75 0.00	32.57 1.85 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.87 1.94 0.00	31.90 1.95 0.00	26.79 1.56 0.00	26.87 1.52 0.00	28.40 1.46 0.00
BAYONEEC___CTG5 323686	16.72 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.89 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.90 0.82 0.00	16.89 0.99 0.00	18.95 1.09 0.00	19.52 1.13 0.00	21.11 1.26 0.00	22.46 1.32 0.00	26.19 1.48 0.00	27.00 1.51 0.00	26.48 1.48 0.00	30.87 1.75 0.00	32.57 1.85 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.87 1.94 0.00	31.90 1.95 0.00	26.79 1.56 0.00	26.87 1.52 0.00	28.40 1.46 0.00
BAYONEEC___CTG6 323687	16.72 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.89 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.90 0.82 0.00	16.89 0.99 0.00	18.95 1.09 0.00	19.52 1.13 0.00	21.11 1.26 0.00	22.46 1.32 0.00	26.19 1.48 0.00	27.00 1.51 0.00	26.48 1.48 0.00	30.87 1.75 0.00	32.57 1.85 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.87 1.94 0.00	31.90 1.95 0.00	26.79 1.56 0.00	26.87 1.52 0.00	28.40 1.46 0.00

BAYONEEC___CTG7 323688	16.72 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.89 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.90 0.82 0.00	16.89 0.99 0.00	18.95 1.09 0.00	19.52 1.13 0.00	21.11 1.26 0.00	22.46 1.32 0.00	26.19 1.48 0.00	27.00 1.51 0.00	26.48 1.48 0.00	30.87 1.75 0.00	32.57 1.85 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.87 1.94 0.00	31.90 1.95 0.00	26.79 1.56 0.00	26.87 1.52 0.00	28.40 1.46 0.00
BAYONEEC___CTG8 323689	16.72 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.89 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.90 0.82 0.00	16.89 0.99 0.00	18.95 1.09 0.00	19.52 1.13 0.00	21.11 1.26 0.00	22.46 1.32 0.00	26.19 1.48 0.00	27.00 1.51 0.00	26.48 1.48 0.00	30.87 1.75 0.00	32.57 1.85 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.87 1.94 0.00	31.90 1.95 0.00	26.79 1.56 0.00	26.87 1.52 0.00	28.40 1.46 0.00
BAYONEEC___CTG9 323749	16.72 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.89 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.90 0.82 0.00	16.89 0.99 0.00	18.95 1.09 0.00	19.52 1.13 0.00	21.11 1.26 0.00	22.46 1.32 0.00	26.19 1.48 0.00	27.00 1.51 0.00	26.48 1.48 0.00	30.87 1.75 0.00	32.57 1.85 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.87 1.94 0.00	31.90 1.95 0.00	26.79 1.56 0.00	26.87 1.52 0.00	28.40 1.46 0.00
BEACON___LESR 323632	16.35 0.60 0.00	18.13 0.66 0.00	9.68 0.37 0.00	15.67 0.60 0.00	19.60 0.71 0.00	17.89 0.63 0.00	14.59 0.50 0.00	16.49 0.59 0.00	18.41 0.56 0.00	18.98 0.58 0.00	20.32 0.48 0.00	21.65 0.50 0.00	25.34 0.62 0.00	26.05 0.57 0.00	25.55 0.54 0.00	29.83 0.70 0.00	31.45 0.73 0.00	32.06 0.84 0.00	30.72 0.84 0.00	30.77 0.84 0.00	30.75 0.80 0.00	25.85 0.62 0.00	25.94 0.58 0.00	27.56 0.61 0.00
BEAVER RIVER___HYD 24048	15.39 -0.36 0.00	16.98 -0.50 0.00	9.02 -0.28 0.00	14.67 -0.41 0.00	18.33 -0.56 0.00	16.94 -0.33 0.00	13.86 -0.22 0.00	15.59 -0.32 0.00	17.51 -0.34 0.00	18.07 -0.33 0.00	19.66 -0.19 0.00	20.86 -0.28 0.00	24.34 -0.38 0.00	25.24 -0.25 0.00	24.92 -0.09 0.00	29.08 -0.05 0.00	30.71 -0.01 0.00	31.21 -0.01 0.00	30.06 0.18 0.00	30.12 0.19 0.00	30.30 0.35 0.00	25.47 0.23 0.00	25.75 0.40 0.00	27.35 0.41 0.00
BEEBEE_GT_13 23619	15.42 -0.33 0.00	17.12 -0.35 0.00	9.12 -0.19 0.00	14.78 -0.29 0.00	18.54 -0.35 0.00	16.95 -0.32 0.00	13.85 -0.24 0.00	15.57 -0.33 0.00	17.58 -0.27 0.00	18.14 -0.26 0.00	19.56 -0.28 0.00	20.89 -0.26 0.00	24.48 -0.24 0.00	25.26 -0.23 0.00	24.78 -0.23 0.00	28.83 -0.30 0.00	30.30 -0.42 0.00	30.73 -0.49 0.00	29.36 -0.52 0.00	29.49 -0.44 0.00	29.54 -0.42 0.00	25.00 -0.24 0.00	25.08 -0.27 0.00	26.85 -0.09 0.00
BENSHRST_27_KV_BENSHRST_1 355998	16.86 1.11 0.00	18.67 1.19 0.00	9.93 0.62 0.00	16.08 1.01 0.00	20.16 1.28 0.00	18.37 1.10 0.00	15.00 0.91 0.00	17.01 1.11 0.00	19.10 1.24 0.00	19.67 1.28 0.00	21.30 1.46 0.00	22.67 1.52 0.00	26.42 1.71 0.00	27.25 1.76 0.00	26.73 1.73 0.00	31.16 2.03 0.00	32.86 2.14 0.00	33.56 2.35 0.00	32.16 2.28 0.00	32.17 2.24 0.00	32.21 2.26 0.00	27.07 1.83 0.00	27.14 1.78 0.00	28.67 1.73 0.00
BETHLEHEM___GRP 23843	16.20 0.46 0.00	17.98 0.50 0.00	9.60 0.29 0.00	15.52 0.45 0.00	19.41 0.52 0.00	17.72 0.46 0.00	14.45 0.36 0.00	16.30 0.39 0.00	18.16 0.31 0.00	18.68 0.28 0.00	19.94 0.10 0.00	21.24 0.09 0.00	24.78 0.07 0.00	25.54 0.06 0.00	25.06 0.05 0.00	29.20 0.07 0.00	30.84 0.12 0.00	31.42 0.21 0.00	30.10 0.23 0.00	30.14 0.21 0.00	30.16 0.21 0.00	25.34 0.11 0.00	25.45 0.10 0.00	27.17 0.22 0.00
BETHLEHEM___GS1 323560	16.20 0.46 0.00	17.98 0.50 0.00	9.60 0.29 0.00	15.52 0.45 0.00	19.41 0.52 0.00	17.72 0.45 0.00	14.45 0.36 0.00	16.30 0.39 0.00	18.16 0.31 0.00	18.68 0.28 0.00	19.95 0.10 0.00	21.23 0.09 0.00	24.78 0.07 0.00	25.54 0.06 0.00	25.06 0.05 0.00	29.20 0.07 0.00	30.84 0.12 0.00	31.42 0.21 0.00	30.10 0.22 0.00	30.14 0.21 0.00	30.16 0.21 0.00	25.34 0.11 0.00	25.46 0.10 0.00	27.16 0.22 0.00
BETHLEHEM___GS2 323561	16.20 0.46 0.00	17.98 0.50 0.00	9.60 0.29 0.00	15.52 0.45 0.00	19.41 0.52 0.00	17.72 0.45 0.00	14.45 0.36 0.00	16.30 0.39 0.00	18.16 0.31 0.00	18.68 0.28 0.00	19.95 0.10 0.00	21.23 0.09 0.00	24.78 0.07 0.00	25.54 0.06 0.00	25.06 0.05 0.00	29.20 0.07 0.00	30.84 0.12 0.00	31.42 0.21 0.00	30.10 0.22 0.00	30.14 0.21 0.00	30.16 0.21 0.00	25.34 0.11 0.00	25.46 0.10 0.00	27.16 0.22 0.00
BETHLEHEM___GS3 323562	16.20 0.46 0.00	17.98 0.50 0.00	9.60 0.29 0.00	15.52 0.45 0.00	19.41 0.52 0.00	17.72 0.45 0.00	14.45 0.36 0.00	16.30 0.39 0.00	18.16 0.31 0.00	18.68 0.28 0.00	19.95 0.10 0.00	21.23 0.09 0.00	24.78 0.07 0.00	25.54 0.06 0.00	25.06 0.05 0.00	29.20 0.07 0.00	30.84 0.12 0.00	31.42 0.21 0.00	30.10 0.22 0.00	30.14 0.21 0.00	30.16 0.21 0.00	25.34 0.11 0.00	25.46 0.10 0.00	27.16 0.22 0.00
BETHLEHEM___STEEL 23779	15.33 -0.42 0.00	17.03 -0.44 0.00	9.07 -0.24 0.00	14.73 -0.34 0.00	18.48 -0.40 0.00	16.91 -0.35 0.00	13.82 -0.27 0.00	15.50 -0.41 0.00	17.49 -0.36 0.00	18.04 -0.35 0.00	19.48 -0.36 0.00	20.85 -0.29 0.00	24.47 -0.25 0.00	25.31 -0.17 0.00	24.89 -0.11 0.00	29.00 -0.13 0.00	30.42 -0.30 0.00	30.79 -0.43 0.00	29.34 -0.53 0.00	29.51 -0.42 0.00	29.52 -0.44 0.00	25.12 -0.11 0.00	25.27 -0.08 0.00	27.18 0.24 0.00
BETHLHEM_115KV_TB1 79974	16.20 0.46 0.00	17.98 0.50 0.00	9.60 0.29 0.00	15.52 0.45 0.00	19.41 0.52 0.00	17.73 0.46 0.00	14.45 0.37 0.00	16.30 0.40 0.00	18.19 0.33 0.00	18.71 0.32 0.00	20.02 0.18 0.00	21.31 0.17 0.00	24.87 0.15 0.00	25.63 0.14 0.00	25.15 0.15 0.00	29.30 0.18 0.00	30.94 0.23 0.00	31.53 0.32 0.00	30.21 0.33 0.00	30.24 0.30 0.00	30.26 0.31 0.00	25.44 0.20 0.00	25.54 0.19 0.00	27.23 0.28 0.00
BETHPAGE_CC_5 323564	16.93 1.19 0.00	18.72 1.24 0.00	9.95 0.64 0.00	16.06 0.99 0.00	20.08 1.19 0.00	18.31 1.04 0.00	15.05 0.96 0.00	17.01 1.10 0.00	19.10 1.25 0.00	21.24 1.38 -1.47	23.02 1.58 -1.60	23.37 1.57 -0.65	29.47 1.74 -3.02	29.97 1.81 -2.67	28.21 1.83 -1.38	32.21 2.17 -0.91	33.12 2.21 -0.19	33.63 2.41 0.00	32.01 2.13 0.00	31.91 1.98 0.00	31.92 1.97 0.00	26.85 1.61 0.00	27.11 1.76 0.00	28.56 1.62 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	15.39 -0.36 0.00	17.10 -0.38 0.00	9.11 -0.20 0.00	14.78 -0.29 0.00	18.56 -0.33 0.00	16.98 -0.29 0.00	13.87 -0.21 0.00	15.57 -0.33 0.00	17.58 -0.27 0.00	18.13 -0.27 0.00	19.57 -0.28 0.00	20.95 -0.19 0.00	24.58 -0.14 0.00	25.43 -0.06 0.00	25.01 0.00 0.00	29.14 0.01 0.00	30.58 -0.14 0.00	30.95 -0.26 0.00	29.51 -0.37 0.00	29.68 -0.25 0.00	29.68 -0.27 0.00	25.26 0.02 0.00	25.40 0.05 0.00	27.32 0.38 0.00

BINGHAMTON___COGEN 23790	15.78 0.03 0.00	17.52 0.05 0.00	9.33 0.03 0.00	15.13 0.06 0.00	18.97 0.08 0.00	17.35 0.08 0.00	14.15 0.06 0.00	16.01 0.11 0.00	17.99 0.14 0.00	18.50 0.11 0.00	19.96 0.11 0.00	21.30 0.16 0.00	24.89 0.18 0.00	25.72 0.23 0.00	25.24 0.23 0.00	29.42 0.29 0.00	31.02 0.30 0.00	31.65 0.43 0.00	30.30 0.42 0.00	30.42 0.49 0.00	30.38 0.43 0.00	25.62 0.38 0.00	25.75 0.40 0.00	27.43 0.49 0.00
BIXINCNT_115KV_LOAD 355685	15.13 -0.62 0.00	16.78 -0.70 0.00	8.97 -0.34 0.00	14.53 -0.54 0.00	18.23 -0.66 0.00	16.68 -0.59 0.00	13.68 -0.40 0.00	15.48 -0.43 0.00	17.53 -0.32 0.00	18.04 -0.35 0.00	19.44 -0.41 0.00	20.75 -0.39 0.00	24.52 -0.19 0.00	25.44 -0.05 0.00	25.14 0.14 0.00	29.42 0.30 0.00	30.94 0.22 0.00	31.44 0.22 0.00	29.99 0.12 0.00	30.21 0.28 0.00	30.20 0.25 0.00	25.63 0.39 0.00	25.85 0.49 0.00	27.77 0.83 0.00
BLACK RIVER___HYD 24047	15.34 -0.41 0.00	16.89 -0.58 0.00	8.98 -0.33 0.00	14.60 -0.47 0.00	18.27 -0.62 0.00	16.88 -0.39 0.00	13.80 -0.28 0.00	15.55 -0.36 0.00	17.49 -0.37 0.00	18.03 -0.37 0.00	19.69 -0.16 0.00	20.85 -0.30 0.00	24.32 -0.39 0.00	25.28 -0.20 0.00	24.92 -0.09 0.00	29.04 -0.09 0.00	30.70 -0.02 0.00	31.22 0.00 0.00	30.14 0.27 0.00	30.21 0.28 0.00	30.40 0.45 0.00	25.55 0.31 0.00	25.82 0.47 0.00	27.37 0.43 0.00
BLACKRVR_115KV_TB2 79977	15.34 -0.41 0.00	16.89 -0.58 0.00	8.98 -0.33 0.00	14.60 -0.47 0.00	18.27 -0.62 0.00	16.88 -0.39 0.00	13.80 -0.28 0.00	15.55 -0.36 0.00	17.49 -0.37 0.00	18.03 -0.37 0.00	19.69 -0.16 0.00	20.85 -0.30 0.00	24.32 -0.39 0.00	25.28 -0.20 0.00	24.92 -0.09 0.00	29.04 -0.09 0.00	30.70 -0.02 0.00	31.22 0.00 0.00	30.14 0.27 0.00	30.21 0.28 0.00	30.40 0.45 0.00	25.55 0.31 0.00	25.83 0.47 0.00	27.37 0.43 0.00
BLISS_WT_PWR 323608	14.97 -0.78 0.00	16.61 -0.87 0.00	8.88 -0.43 0.00	14.37 -0.70 0.00	18.04 -0.85 0.00	16.50 -0.77 0.00	13.56 -0.52 0.00	15.35 -0.56 0.00	17.42 -0.43 0.00	17.93 -0.47 0.00	19.32 -0.52 0.00	20.62 -0.52 0.00	24.42 -0.29 0.00	25.35 -0.14 0.00	25.10 0.09 0.00	29.40 0.27 0.00	30.92 0.20 0.00	31.44 0.22 0.00	30.00 0.13 0.00	30.23 0.30 0.00	30.21 0.25 0.00	25.62 0.39 0.00	25.86 0.51 0.00	27.76 0.82 0.00
BLUESTONE___WT_PWR 323821	15.31 -0.44 0.00	16.95 -0.53 0.00	9.01 -0.29 0.00	14.60 -0.47 0.00	18.29 -0.59 0.00	16.80 -0.47 0.00	13.71 -0.38 0.00	15.51 -0.39 0.00	17.51 -0.35 0.00	18.09 -0.30 0.00	19.59 -0.25 0.00	20.95 -0.19 0.00	24.52 -0.19 0.00	25.49 0.00 0.00	25.06 0.05 0.00	29.33 0.20 0.00	31.33 0.62 0.00	32.30 1.08 0.00	30.98 1.11 0.00	31.20 1.27 0.00	31.31 1.36 0.00	26.39 1.15 0.00	26.46 1.11 0.00	28.20 1.26 0.00
BLUE_CIRC_CHEM_DRP 24182	16.29 0.54 0.00	18.08 0.61 0.00	9.65 0.34 0.00	15.60 0.53 0.00	19.53 0.64 0.00	17.83 0.56 0.00	14.53 0.45 0.00	16.40 0.49 0.00	18.33 0.48 0.00	18.86 0.47 0.00	20.22 0.37 0.00	21.54 0.39 0.00	25.14 0.43 0.00	25.91 0.43 0.00	25.41 0.41 0.00	29.64 0.51 0.00	31.28 0.57 0.00	31.87 0.65 0.00	30.55 0.67 0.00	30.59 0.66 0.00	30.61 0.65 0.00	25.73 0.49 0.00	25.82 0.47 0.00	27.48 0.54 0.00
BOC_GAS_DRP 24189	16.18 0.43 0.00	17.96 0.48 0.00	9.58 0.27 0.00	15.50 0.42 0.00	19.40 0.51 0.00	17.71 0.45 0.00	14.44 0.36 0.00	16.30 0.40 0.00	18.25 0.40 0.00	18.80 0.40 0.00	20.21 0.36 0.00	21.51 0.36 0.00	25.11 0.40 0.00	25.88 0.39 0.00	25.40 0.39 0.00	29.59 0.46 0.00	31.24 0.52 0.00	31.83 0.61 0.00	30.49 0.61 0.00	30.53 0.60 0.00	30.55 0.59 0.00	25.69 0.45 0.00	25.78 0.43 0.00	27.39 0.45 0.00
BOONVILLE_115KV_TB1 79983	15.76 0.02 0.00	17.44 -0.04 0.00	9.27 -0.03 0.00	15.05 -0.03 0.00	18.82 -0.07 0.00	17.28 0.01 0.00	14.13 0.05 0.00	15.93 0.03 0.00	17.91 0.05 0.00	18.48 0.08 0.00	20.02 0.18 0.00	21.32 0.17 0.00	24.90 0.18 0.00	25.74 0.25 0.00	25.34 0.33 0.00	29.57 0.45 0.00	31.22 0.50 0.00	31.77 0.55 0.00	30.49 0.61 0.00	30.57 0.63 0.00	30.66 0.70 0.00	25.75 0.51 0.00	25.89 0.54 0.00	27.51 0.56 0.00
BORALEX_4TH_BRANCH 23824	16.55 0.81 0.00	18.43 0.96 0.00	9.82 0.52 0.00	15.90 0.83 0.00	19.87 0.98 0.00	18.08 0.81 0.00	14.70 0.62 0.00	16.61 0.71 0.00	18.61 0.76 0.00	19.19 0.80 0.00	20.72 0.87 0.00	22.03 0.88 0.00	25.71 1.00 0.00	26.49 1.01 0.00	25.98 0.98 0.00	30.24 1.11 0.00	31.99 1.27 0.00	32.57 1.35 0.00	31.16 1.28 0.00	31.21 1.28 0.00	31.24 1.29 0.00	26.25 1.01 0.00	26.29 0.93 0.00	27.72 0.78 0.00
BOWLINE___1 23526	16.58 0.84 0.00	18.37 0.90 0.00	9.78 0.48 0.00	15.84 0.77 0.00	19.86 0.97 0.00	18.12 0.86 0.00	14.79 0.71 0.00	16.73 0.82 0.00	18.78 0.93 0.00	19.34 0.94 0.00	20.91 1.06 0.00	22.25 1.10 0.00	25.96 1.25 0.00	26.76 1.27 0.00	26.24 1.23 0.00	30.59 1.47 0.00	32.29 1.57 0.00	32.98 1.76 0.00	31.61 1.73 0.00	31.63 1.70 0.00	31.68 1.73 0.00	26.62 1.38 0.00	26.69 1.33 0.00	28.23 1.29 0.00
BOWLINE___2 23595	16.58 0.84 0.00	18.37 0.90 0.00	9.78 0.48 0.00	15.84 0.77 0.00	19.87 0.98 0.00	18.12 0.86 0.00	14.79 0.71 0.00	16.73 0.82 0.00	18.78 0.93 0.00	19.34 0.94 0.00	20.91 1.06 0.00	22.25 1.10 0.00	25.96 1.25 0.00	26.76 1.27 0.00	26.24 1.23 0.00	30.59 1.47 0.00	32.29 1.57 0.00	32.98 1.76 0.00	31.61 1.73 0.00	31.63 1.70 0.00	31.68 1.73 0.00	26.62 1.38 0.00	26.69 1.33 0.00	28.24 1.29 0.00
BRADY___115KV_TB2 356060	15.74 -0.01 0.00	17.44 -0.04 0.00	9.28 -0.03 0.00	15.03 -0.04 0.00	18.88 -0.01 0.00	17.32 0.05 0.00	14.14 0.06 0.00	15.95 0.05 0.00	17.89 0.04 0.00	18.43 0.04 0.00	19.84 0.00 0.00	21.10 -0.05 0.00	24.69 -0.03 0.00	25.46 -0.03 0.00	24.98 -0.03 0.00	29.07 -0.05 0.00	30.67 -0.05 0.00	31.04 -0.18 0.00	29.69 -0.19 0.00	29.72 -0.21 0.00	29.75 -0.20 0.00	25.22 -0.02 0.00	25.46 0.11 0.00	27.02 0.08 0.00
BRANSCOMB___SOLAR 323811	16.42 0.67 0.00	18.21 0.74 0.00	9.69 0.38 0.00	15.69 0.62 0.00	19.64 0.75 0.00	17.94 0.67 0.00	14.62 0.53 0.00	16.53 0.62 0.00	18.53 0.67 0.00	19.13 0.73 0.00	20.64 0.80 0.00	21.96 0.82 0.00	25.63 0.91 0.00	26.38 0.90 0.00	25.91 0.90 0.00	30.22 1.09 0.00	31.97 1.25 0.00	32.56 1.35 0.00	31.20 1.33 0.00	31.22 1.29 0.00	31.21 1.26 0.00	26.20 0.96 0.00	26.18 0.83 0.00	27.67 0.72 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	17.07 1.32 0.00	18.85 1.38 0.00	10.04 0.73 0.00	16.20 1.12 0.00	20.23 1.34 0.00	18.44 1.18 0.00	15.18 1.10 0.00	17.13 1.23 0.00	19.24 1.38 0.00	21.42 1.55 -1.47	22.26 1.75 -0.66	22.77 1.73 0.11	27.87 1.90 -1.26	28.60 2.00 -1.11	27.58 2.00 -0.57	31.89 2.39 -0.38	33.18 2.39 -0.08	33.84 2.63 0.00	32.16 2.28 0.00	31.99 2.06 0.00	32.02 2.06 0.00	26.97 1.74 0.00	27.28 1.93 0.00	28.72 1.78 0.00

BRISTLHL_115KV_TB1 79998	15.49 -0.25 0.00	17.19 -0.29 0.00	9.16 -0.15 0.00	14.83 -0.24 0.00	18.58 -0.31 0.00	16.98 -0.29 0.00	13.86 -0.23 0.00	15.65 -0.25 0.00	17.59 -0.26 0.00	18.13 -0.26 0.00	19.59 -0.26 0.00	20.89 -0.26 0.00	24.42 -0.29 0.00	25.20 -0.29 0.00	24.71 -0.30 0.00	28.75 -0.38 0.00	30.28 -0.44 0.00	30.83 -0.38 0.00	29.54 -0.33 0.00	29.63 -0.30 0.00	29.65 -0.31 0.00	24.98 -0.26 0.00	25.05 -0.30 0.00	26.68 -0.26 0.00
BROOKHAVEN___DRP 24191	17.12 1.37 0.00	18.91 1.44 0.00	10.07 0.76 0.00	16.25 1.18 0.00	20.30 1.41 0.00	18.51 1.23 0.00	15.24 1.15 0.00	17.21 1.31 0.00	19.33 1.47 0.00	21.52 1.63 -1.49	22.06 1.66 -0.55	22.57 1.62 0.20	27.54 1.78 -1.05	28.26 1.85 -0.93	27.38 1.90 -0.48	31.69 2.25 -0.31	33.06 2.27 -0.06	33.72 2.50 0.00	32.04 2.16 0.00	31.83 1.90 0.00	31.83 1.88 0.00	26.81 1.58 0.00	27.15 1.80 0.00	28.60 1.65 0.00
BROOKLYN_NAVY_YARD 23515	16.70 0.96 0.00	18.50 1.03 0.00	9.84 0.54 0.00	15.95 0.88 0.00	20.01 1.13 0.00	18.23 0.97 0.00	14.89 0.81 0.00	16.88 0.97 0.00	18.94 1.09 0.00	19.51 1.12 0.00	21.09 1.25 0.00	22.44 1.30 0.00	26.16 1.45 0.00	26.97 1.48 0.00	26.46 1.45 0.00	30.85 1.72 0.00	32.54 1.82 0.00	33.24 2.03 0.00	31.84 1.97 0.00	31.85 1.92 0.00	31.87 1.92 0.00	26.77 1.53 0.00	26.85 1.50 0.00	28.38 1.43 0.00
BROOKLYN___ARMY_DRP 323595	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.94 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.68 1.97 0.00	33.39 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
BROOKVLE_69_KV_TB1 55790	16.89 1.14 0.00	18.69 1.21 0.00	9.94 0.63 0.00	16.05 0.98 0.00	20.10 1.21 0.00	18.33 1.06 0.00	15.02 0.93 0.00	16.99 1.09 0.00	19.09 1.24 0.00	21.20 1.34 -1.47	24.07 1.54 -2.69	24.24 1.56 -1.53	31.53 1.74 -5.08	31.78 1.80 -4.49	29.14 1.81 -2.32	32.80 2.13 -1.54	33.23 2.18 -0.33	33.63 2.41 -0.01	32.08 2.21 0.00	32.04 2.11 0.00	32.07 2.12 0.00	26.94 1.71 0.00	27.12 1.76 -0.01	28.60 1.66 0.00
BROOME_2_LFGE 323671	15.78 0.03 0.00	17.52 0.05 0.00	9.33 0.03 0.00	15.13 0.06 0.00	18.97 0.08 0.00	17.35 0.08 0.00	14.15 0.06 0.00	16.01 0.11 0.00	17.99 0.14 0.00	18.51 0.11 0.00	19.96 0.11 0.00	21.31 0.16 0.00	24.89 0.18 0.00	25.72 0.23 0.00	25.24 0.23 0.00	29.42 0.29 0.00	31.02 0.30 0.00	31.65 0.43 0.00	30.30 0.42 0.00	30.42 0.49 0.00	30.38 0.43 0.00	25.62 0.38 0.00	25.75 0.40 0.00	27.43 0.49 0.00
BROOME___LFGE 323600	15.78 0.03 0.00	17.52 0.05 0.00	9.33 0.03 0.00	15.13 0.06 0.00	18.97 0.08 0.00	17.35 0.08 0.00	14.15 0.06 0.00	16.01 0.11 0.00	17.99 0.14 0.00	18.51 0.11 0.00	19.96 0.11 0.00	21.31 0.16 0.00	24.89 0.18 0.00	25.72 0.23 0.00	25.24 0.23 0.00	29.42 0.29 0.00	31.02 0.30 0.00	31.65 0.43 0.00	30.30 0.42 0.00	30.42 0.49 0.00	30.38 0.43 0.00	25.62 0.38 0.00	25.75 0.40 0.00	27.43 0.49 0.00
BROWNFLS_115KV_TB_3_5 80003	15.41 -0.34 0.00	17.02 -0.45 0.00	9.05 -0.26 0.00	14.69 -0.38 0.00	18.41 -0.48 0.00	16.97 -0.30 0.00	13.87 -0.21 0.00	15.63 -0.28 0.00	17.54 -0.31 0.00	18.08 -0.31 0.00	19.56 -0.28 0.00	20.73 -0.41 0.00	24.22 -0.50 0.00	25.05 -0.43 0.00	24.64 -0.36 0.00	28.69 -0.44 0.00	30.28 -0.43 0.00	30.75 -0.47 0.00	29.51 -0.36 0.00	29.56 -0.37 0.00	29.68 -0.27 0.00	25.08 -0.16 0.00	25.42 0.07 0.00	27.00 0.06 0.00
BROWNSV1_27_KV_LOAD 356125	16.86 1.12 0.00	18.67 1.20 0.00	9.94 0.63 0.00	16.09 1.01 0.00	20.18 1.29 0.00	18.38 1.11 0.00	15.02 0.93 0.00	17.02 1.12 0.00	19.11 1.25 0.00	19.70 1.30 0.00	21.31 1.46 0.00	22.67 1.53 0.00	26.45 1.73 0.00	27.27 1.78 0.00	26.75 1.75 0.00	31.18 2.05 0.00	32.89 2.17 0.00	33.60 2.38 0.00	32.19 2.31 0.00	32.19 2.26 0.00	32.21 2.26 0.00	27.06 1.82 0.00	27.12 1.77 0.00	28.67 1.73 0.00
BURROWS___LYONSDAL 23803	15.64 -0.11 0.00	17.28 -0.19 0.00	9.19 -0.12 0.00	14.92 -0.16 0.00	18.65 -0.24 0.00	17.16 -0.11 0.00	14.04 -0.05 0.00	15.81 -0.09 0.00	17.76 -0.09 0.00	18.33 -0.07 0.00	19.89 0.05 0.00	21.17 0.02 0.00	24.71 -0.01 0.00	25.57 0.08 0.00	25.22 0.21 0.00	29.45 0.32 0.00	31.08 0.37 0.00	31.62 0.41 0.00	30.38 0.50 0.00	30.44 0.51 0.00	30.57 0.62 0.00	25.66 0.42 0.00	25.85 0.50 0.00	27.47 0.52 0.00
CAITHNESS_CC_1 323624	17.08 1.33 0.00	18.87 1.40 0.00	10.06 0.75 0.00	16.22 1.15 0.00	20.26 1.37 0.00	18.47 1.20 0.00	15.21 1.12 0.00	17.18 1.28 0.00	19.29 1.43 0.00	21.47 1.59 -1.49	22.06 1.67 -0.55	22.57 1.62 0.20	27.54 1.78 -1.04	28.26 1.85 -0.92	27.37 1.89 -0.47	31.68 2.24 -0.31	33.08 2.30 -0.06	33.70 2.49 0.00	32.01 2.13 0.00	31.81 1.88 0.00	31.82 1.87 0.00	26.81 1.57 0.00	27.15 1.80 0.00	28.59 1.65 0.00
CALPINE BETH_PAGE_GT4 24209	16.92 1.18 0.00	18.72 1.24 0.00	9.95 0.65 0.00	16.06 0.98 0.00	20.07 1.18 0.00	18.31 1.04 0.00	15.03 0.95 0.00	17.00 1.09 0.00	19.11 1.25 0.00	21.24 1.37 -1.47	23.45 1.55 -2.05	23.70 1.54 -1.02	30.30 1.71 -3.87	30.69 1.78 -3.43	28.58 1.80 -1.77	32.43 2.13 -1.17	33.11 2.14 -0.25	33.59 2.37 0.00	31.98 2.10 0.00	31.89 1.96 0.00	31.90 1.95 0.00	26.82 1.59 0.00	27.12 1.76 0.00	28.57 1.62 0.00
CALPINE_BETH_PAGE_GT_4 323586	16.92 1.18 0.00	18.72 1.24 0.00	9.95 0.64 0.00	16.06 0.98 0.00	20.07 1.18 0.00	18.31 1.04 0.00	15.03 0.95 0.00	17.01 1.10 0.00	19.11 1.25 0.00	21.24 1.38 -1.47	23.46 1.56 -2.05	23.70 1.54 -1.02	30.30 1.71 -3.87	30.69 1.78 -3.43	28.58 1.80 -1.77	32.43 2.13 -1.17	33.14 2.18 -0.25	33.60 2.38 0.00	31.98 2.10 0.00	31.88 1.96 0.00	31.90 1.95 0.00	26.82 1.59 0.00	27.11 1.75 0.00	28.57 1.62 0.00
CALPINE_BP_GT1 23823	16.92 1.18 0.00	18.72 1.24 0.00	9.95 0.64 0.00	16.06 0.98 0.00	20.07 1.18 0.00	18.31 1.04 0.00	15.03 0.95 0.00	17.01 1.10 0.00	19.11 1.25 0.00	21.24 1.38 -1.47	23.46 1.56 -2.05	23.70 1.54 -1.02	30.30 1.71 -3.87	30.69 1.78 -3.43	28.58 1.80 -1.77	32.43 2.13 -1.17	33.14 2.18 -0.25	33.60 2.38 0.00	31.98 2.10 0.00	31.88 1.96 0.00	31.90 1.95 0.00	26.82 1.59 0.00	27.11 1.75 0.00	28.57 1.62 0.00
CALSPAN___DRP 24200	15.33 -0.42 0.00	17.03 -0.44 0.00	9.07 -0.24 0.00	14.73 -0.34 0.00	18.48 -0.40 0.00	16.91 -0.35 0.00	13.82 -0.27 0.00	15.50 -0.41 0.00	17.49 -0.36 0.00	18.04 -0.35 0.00	19.48 -0.36 0.00	20.85 -0.29 0.00	24.47 -0.25 0.00	25.31 -0.17 0.00	24.89 -0.11 0.00	29.00 -0.13 0.00	30.42 -0.30 0.00	30.79 -0.43 0.00	29.34 -0.53 0.00	29.51 -0.42 0.00	29.52 -0.44 0.00	25.12 -0.11 0.00	25.27 -0.08 0.00	27.18 0.24 0.00

CALVERTON___SOLAR 323806	17.16 1.41 0.00	18.95 1.48 0.00	10.10 0.79 0.00	16.30 1.23 0.00	20.36 1.47 0.00	18.56 1.29 0.00	15.28 1.19 0.00	17.27 1.36 0.00	19.38 1.53 0.00	21.57 1.68 -1.49	22.09 1.69 -0.55	22.60 1.64 0.20	27.58 1.81 -1.05	28.29 1.88 -0.93	27.41 1.93 -0.48	31.74 2.29 -0.31	33.16 2.38 -0.07	33.77 2.56 0.00	32.08 2.20 0.00	31.87 1.94 0.00	31.86 1.91 0.00	26.83 1.59 0.00	27.16 1.81 0.00	28.60 1.66 0.00
CANDIGU_WT_PWR 323617	14.96 -0.78 0.00	16.63 -0.85 0.00	8.85 -0.45 0.00	14.38 -0.69 0.00	18.06 -0.83 0.00	16.55 -0.72 0.00	13.52 -0.57 0.00	15.26 -0.64 0.00	17.18 -0.68 0.00	17.66 -0.73 0.00	19.08 -0.76 0.00	20.44 -0.71 0.00	24.04 -0.68 0.00	24.97 -0.52 0.00	24.72 -0.29 0.00	28.94 -0.18 0.00	30.53 -0.18 0.00	31.21 0.00 0.00	29.90 0.02 0.00	30.05 0.12 0.00	29.98 0.02 0.00	25.38 0.14 0.00	25.53 0.17 0.00	27.28 0.34 0.00
CARR STREET_E_SYR 24060	15.59 -0.15 0.00	17.30 -0.17 0.00	9.22 -0.09 0.00	14.92 -0.15 0.00	18.70 -0.19 0.00	17.10 -0.17 0.00	13.95 -0.13 0.00	15.75 -0.15 0.00	17.72 -0.14 0.00	18.26 -0.14 0.00	19.72 -0.13 0.00	21.03 -0.12 0.00	24.58 -0.13 0.00	25.36 -0.12 0.00	24.88 -0.13 0.00	28.95 -0.18 0.00	30.51 -0.21 0.00	31.06 -0.16 0.00	29.75 -0.13 0.00	29.82 -0.11 0.00	29.85 -0.11 0.00	25.14 -0.10 0.00	25.23 -0.13 0.00	26.87 -0.07 0.00
CARTHAGE___PAPER 23857	15.45 -0.30 0.00	17.03 -0.44 0.00	9.06 -0.25 0.00	14.72 -0.36 0.00	18.41 -0.48 0.00	17.01 -0.26 0.00	13.92 -0.17 0.00	15.67 -0.24 0.00	17.61 -0.24 0.00	18.17 -0.22 0.00	19.80 -0.05 0.00	20.99 -0.16 0.00	24.49 -0.23 0.00	25.41 -0.07 0.00	25.07 0.06 0.00	29.25 0.12 0.00	30.91 0.19 0.00	31.42 0.20 0.00	30.29 0.41 0.00	30.36 0.43 0.00	30.53 0.58 0.00	25.66 0.42 0.00	25.94 0.58 0.00	27.51 0.57 0.00
CASSADAGA_WT_PWR 323784	15.05 -0.70 0.00	16.69 -0.78 0.00	8.88 -0.43 0.00	14.41 -0.67 0.00	18.10 -0.79 0.00	16.56 -0.70 0.00	13.52 -0.57 0.00	15.21 -0.70 0.00	17.20 -0.65 0.00	17.79 -0.60 0.00	19.21 -0.63 0.00	20.71 -0.43 0.00	24.54 -0.18 0.00	25.54 0.05 0.00	25.25 0.25 0.00	29.58 0.45 0.00	31.04 0.32 0.00	31.75 0.53 0.00	30.37 0.50 0.00	30.50 0.57 0.00	30.36 0.41 0.00	25.83 0.59 0.00	26.02 0.66 0.00	27.93 0.99 0.00
CE_DUNWOOD___DRP 24194	16.69 0.94 0.00	18.49 1.01 0.00	9.84 0.54 0.00	15.93 0.86 0.00	19.98 1.09 0.00	18.22 0.95 0.00	14.88 0.79 0.00	16.84 0.93 0.00	18.89 1.04 0.00	19.47 1.08 0.00	21.05 1.20 0.00	22.39 1.25 0.00	26.12 1.41 0.00	26.92 1.44 0.00	26.41 1.40 0.00	30.80 1.67 0.00	32.49 1.77 0.00	33.20 1.98 0.00	31.80 1.93 0.00	31.81 1.88 0.00	31.84 1.88 0.00	26.74 1.50 0.00	26.82 1.47 0.00	28.34 1.40 0.00
CE_MILLWOOD___DRP 24193	16.66 0.91 0.00	18.46 0.99 0.00	9.83 0.53 0.00	15.91 0.84 0.00	19.95 1.06 0.00	18.19 0.93 0.00	14.86 0.77 0.00	16.81 0.90 0.00	18.87 1.02 0.00	19.45 1.05 0.00	21.02 1.17 0.00	22.36 1.21 0.00	26.08 1.36 0.00	26.88 1.40 0.00	26.37 1.37 0.00	30.74 1.61 0.00	32.44 1.73 0.00	33.15 1.93 0.00	31.75 1.88 0.00	31.76 1.84 0.00	31.80 1.84 0.00	26.71 1.47 0.00	26.78 1.43 0.00	28.30 1.36 0.00
CE_NYC2_DRP 24202	16.74 0.99 0.00	18.54 1.07 0.00	9.87 0.56 0.00	15.99 0.92 0.00	20.05 1.16 0.00	18.26 0.99 0.00	14.90 0.82 0.00	16.90 0.99 0.00	18.95 1.10 0.00	19.52 1.12 0.00	21.12 1.28 0.00	22.47 1.33 0.00	26.19 1.48 0.00	27.01 1.52 0.00	26.51 1.50 0.00	30.89 1.76 0.00	32.57 1.86 0.00	33.28 2.07 0.00	31.88 2.01 0.00	31.89 1.96 0.00	31.92 1.97 0.00	26.81 1.57 0.00	26.89 1.54 0.00	28.41 1.47 0.00
CE_NYC_DRP 24195	16.74 0.99 0.00	18.55 1.07 0.00	9.87 0.56 0.00	15.98 0.91 0.00	20.05 1.16 0.00	18.27 0.99 0.00	14.92 0.83 0.00	16.90 1.00 0.00	18.96 1.11 0.00	19.54 1.15 0.00	21.14 1.29 0.00	22.48 1.34 0.00	26.22 1.51 0.00	27.03 1.54 0.00	26.51 1.50 0.00	30.90 1.78 0.00	32.59 1.87 0.00	33.29 2.08 0.00	31.90 2.02 0.00	31.91 1.98 0.00	31.93 1.98 0.00	26.81 1.58 0.00	26.90 1.55 0.00	28.44 1.50 0.00
CHAFFEE___LFGE 323603	15.45 -0.30 0.00	17.16 -0.31 0.00	9.14 -0.17 0.00	14.82 -0.26 0.00	18.61 -0.28 0.00	17.04 -0.23 0.00	13.92 -0.16 0.00	15.62 -0.29 0.00	17.66 -0.19 0.00	18.21 -0.18 0.00	19.67 -0.18 0.00	21.07 -0.08 0.00	24.69 -0.03 0.00	25.54 0.05 0.00	25.10 0.09 0.00	29.24 0.11 0.00	30.67 -0.05 0.00	31.06 -0.15 0.00	29.63 -0.25 0.00	29.81 -0.12 0.00	29.81 -0.15 0.00	25.36 0.12 0.00	25.51 0.16 0.00	27.40 0.46 0.00
CHATEAUG_35_KV_LOAD 355732	15.73 -0.02 0.00	17.36 -0.12 0.00	9.18 -0.13 0.00	14.87 -0.20 0.00	18.76 -0.13 0.00	17.37 0.10 0.00	14.20 0.12 0.00	16.09 0.19 0.00	17.85 -0.01 0.00	18.35 -0.04 0.00	19.89 0.04 0.00	21.16 0.02 0.00	24.80 0.09 0.00	25.52 0.04 0.00	25.10 0.09 0.00	29.30 0.17 0.00	30.95 0.23 0.00	31.56 0.34 0.00	30.10 0.23 0.00	30.17 0.24 0.00	30.20 0.25 0.00	25.36 0.12 0.00	25.47 0.11 0.00	27.22 0.28 0.00
CHATEAUG_WT_PWR 323614	15.72 -0.03 0.00	17.33 -0.15 0.00	9.15 -0.15 0.00	14.83 -0.24 0.00	18.71 -0.18 0.00	17.35 0.08 0.00	14.19 0.11 0.00	16.09 0.19 0.00	17.83 -0.03 0.00	18.32 -0.08 0.00	19.88 0.03 0.00	21.17 0.02 0.00	24.84 0.13 0.00	25.55 0.07 0.00	25.11 0.11 0.00	29.33 0.20 0.00	31.00 0.28 0.00	31.63 0.42 0.00	30.15 0.27 0.00	30.22 0.29 0.00	30.25 0.30 0.00	25.36 0.12 0.00	25.45 0.10 0.00	27.24 0.30 0.00
CHAT_HIGH_FALL_HYD 323578	15.73 -0.02 0.00	17.36 -0.12 0.00	9.18 -0.13 0.00	14.87 -0.20 0.00	18.76 -0.13 0.00	17.37 0.10 0.00	14.20 0.12 0.00	16.09 0.19 0.00	17.85 -0.01 0.00	18.35 -0.04 0.00	19.89 0.04 0.00	21.16 0.02 0.00	24.80 0.09 0.00	25.52 0.04 0.00	25.10 0.09 0.00	29.30 0.17 0.00	30.95 0.23 0.00	31.56 0.34 0.00	30.10 0.23 0.00	30.17 0.24 0.00	30.20 0.25 0.00	25.36 0.12 0.00	25.47 0.11 0.00	27.22 0.28 0.00
CHAUTAUQUA___LFGE 323629	15.20 -0.55 0.00	16.88 -0.60 0.00	8.99 -0.32 0.00	14.60 -0.47 0.00	18.34 -0.55 0.00	16.79 -0.48 0.00	13.72 -0.37 0.00	15.41 -0.49 0.00	17.41 -0.45 0.00	17.93 -0.47 0.00	19.37 -0.48 0.00	20.80 -0.35 0.00	24.49 -0.23 0.00	25.42 -0.07 0.00	25.07 0.06 0.00	29.27 0.14 0.00	30.72 0.00 0.00	31.35 0.14 0.00	29.94 0.06 0.00	30.10 0.17 0.00	30.01 0.05 0.00	25.54 0.30 0.00	25.73 0.38 0.00	27.64 0.70 0.00
CHERRYST_13_KV_LD 356241	16.78 1.03 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.04 0.00	14.95 0.86 0.00	16.95 1.04 0.00	19.01 1.16 0.00	19.59 1.20 0.00	21.19 1.34 0.00	22.55 1.40 0.00	26.29 1.58 0.00	27.10 1.61 0.00	26.58 1.58 0.00	30.99 1.86 0.00	32.68 1.97 0.00	33.38 2.17 0.00	31.98 2.11 0.00	31.99 2.06 0.00	32.01 2.06 0.00	26.88 1.64 0.00	26.96 1.60 0.00	28.50 1.56 0.00

CHESTROR_138KV_BK263 355645	16.51 0.77 0.00	18.30 0.83 0.00	9.75 0.45 0.00	15.78 0.70 0.00	19.78 0.90 0.00	18.06 0.79 0.00	14.73 0.65 0.00	16.66 0.75 0.00	18.71 0.86 0.00	19.27 0.88 0.00	20.83 0.99 0.00	22.18 1.03 0.00	25.88 1.16 0.00	26.67 1.18 0.00	26.15 1.15 0.00	30.48 1.36 0.00	32.18 1.46 0.00	32.87 1.65 0.00	31.50 1.63 0.00	31.52 1.60 0.00	31.57 1.62 0.00	26.53 1.29 0.00	26.59 1.24 0.00	28.13 1.19 0.00
CH_MIDHUDSON___DRP 24192	16.81 1.07 0.00	18.63 1.15 0.00	9.92 0.61 0.00	16.05 0.98 0.00	20.12 1.23 0.00	18.37 1.10 0.00	15.00 0.91 0.00	16.98 1.08 0.00	19.10 1.24 0.00	19.69 1.30 0.00	21.30 1.46 0.00	22.68 1.54 0.00	26.47 1.76 0.00	27.29 1.80 0.00	26.76 1.75 0.00	31.21 2.08 0.00	32.95 2.23 0.00	33.66 2.44 0.00	32.26 2.38 0.00	32.29 2.36 0.00	32.32 2.36 0.00	27.12 1.88 0.00	27.14 1.79 0.00	28.66 1.72 0.00
CH_MISC_IPPS 23765	16.79 1.05 0.00	18.61 1.14 0.00	9.91 0.60 0.00	16.04 0.97 0.00	20.10 1.21 0.00	18.35 1.07 0.00	14.98 0.90 0.00	16.96 1.05 0.00	19.06 1.21 0.00	19.66 1.27 0.00	21.26 1.42 0.00	22.64 1.49 0.00	26.42 1.71 0.00	27.24 1.75 0.00	26.71 1.70 0.00	31.14 2.01 0.00	32.89 2.17 0.00	33.59 2.38 0.00	32.20 2.32 0.00	32.23 2.30 0.00	32.25 2.30 0.00	27.07 1.83 0.00	27.09 1.74 0.00	28.63 1.69 0.00
CH_RES_BVR_FALLS 23983	15.42 -0.33 0.00	17.11 -0.36 0.00	9.12 -0.19 0.00	14.77 -0.30 0.00	18.46 -0.43 0.00	16.92 -0.35 0.00	13.79 -0.29 0.00	15.53 -0.38 0.00	17.38 -0.48 0.00	17.90 -0.50 0.00	19.30 -0.54 0.00	20.61 -0.53 0.00	24.09 -0.62 0.00	24.82 -0.67 0.00	24.45 -0.55 0.00	28.62 -0.51 0.00	30.28 -0.44 0.00	30.71 -0.50 0.00	29.42 -0.45 0.00	29.58 -0.35 0.00	29.59 -0.36 0.00	24.89 -0.35 0.00	25.01 -0.35 0.00	26.55 -0.39 0.00
CH_RES_NIAGARA 23895	14.91 -0.83 0.00	16.59 -0.89 0.00	8.85 -0.46 0.00	14.34 -0.73 0.00	18.01 -0.88 0.00	16.46 -0.81 0.00	13.47 -0.61 0.00	15.04 -0.87 0.00	16.99 -0.86 0.00	17.55 -0.84 0.00	18.95 -0.90 0.00	20.27 -0.87 0.00	23.74 -0.97 0.00	24.53 -0.96 0.00	24.09 -0.92 0.00	28.01 -1.12 0.00	29.31 -1.41 0.00	29.52 -1.69 0.00	28.10 -1.78 0.00	28.24 -1.69 0.00	28.28 -1.67 0.00	24.11 -1.13 0.00	24.25 -1.10 0.00	26.23 -0.71 0.00
CH_RES_SYRACUSE 23985	15.67 -0.08 0.00	17.38 -0.09 0.00	9.26 -0.04 0.00	15.00 -0.08 0.00	18.80 -0.09 0.00	17.19 -0.08 0.00	14.02 -0.06 0.00	15.84 -0.07 0.00	17.81 -0.04 0.00	18.36 -0.03 0.00	19.83 -0.02 0.00	21.14 -0.01 0.00	24.72 0.01 0.00	25.51 0.03 0.00	25.01 0.01 0.00	29.10 -0.03 0.00	30.67 -0.05 0.00	31.25 0.03 0.00	29.94 0.07 0.00	30.02 0.08 0.00	30.03 0.08 0.00	25.29 0.06 0.00	25.38 0.02 0.00	27.03 0.09 0.00
CLINTON_WT_PWR 323605	15.72 -0.03 0.00	17.33 -0.15 0.00	9.15 -0.15 0.00	14.83 -0.24 0.00	18.71 -0.18 0.00	17.35 0.08 0.00	14.19 0.11 0.00	16.09 0.19 0.00	17.83 -0.03 0.00	18.32 -0.08 0.00	19.88 0.03 0.00	21.17 0.02 0.00	24.84 0.13 0.00	25.55 0.07 0.00	25.11 0.11 0.00	29.33 0.20 0.00	31.00 0.28 0.00	31.63 0.42 0.00	30.15 0.27 0.00	30.22 0.29 0.00	30.25 0.30 0.00	25.36 0.12 0.00	25.45 0.10 0.00	27.24 0.30 0.00
CLINTON___LFGE 323618	15.91 0.16 0.00	17.50 0.02 0.00	9.25 -0.06 0.00	14.97 -0.10 0.00	18.83 -0.05 0.00	17.47 0.20 0.00	14.33 0.25 0.00	16.30 0.39 0.00	18.00 0.15 0.00	18.54 0.14 0.00	20.19 0.34 0.00	21.52 0.38 0.00	25.27 0.56 0.00	26.02 0.53 0.00	25.54 0.53 0.00	29.84 0.71 0.00	31.58 0.86 0.00	32.31 1.09 0.00	30.75 0.87 0.00	30.84 0.91 0.00	30.87 0.92 0.00	25.79 0.55 0.00	25.83 0.48 0.00	27.65 0.70 0.00
COBBLENY_34_KV_TB1 80064	15.45 -0.30 0.00	17.16 -0.31 0.00	9.14 -0.17 0.00	14.82 -0.25 0.00	18.61 -0.28 0.00	17.04 -0.23 0.00	13.92 -0.16 0.00	15.63 -0.28 0.00	17.66 -0.19 0.00	18.21 -0.18 0.00	19.66 -0.18 0.00	21.06 -0.08 0.00	24.69 -0.03 0.00	25.54 0.05 0.00	25.10 0.09 0.00	29.24 0.11 0.00	30.69 -0.03 0.00	31.07 -0.15 0.00	29.62 -0.25 0.00	29.81 -0.12 0.00	29.81 -0.14 0.00	25.36 0.12 0.00	25.50 0.15 0.00	27.40 0.46 0.00
COFFEEN__115KV_TB3 355620	15.43 -0.32 0.00	17.00 -0.47 0.00	9.04 -0.27 0.00	14.69 -0.38 0.00	18.38 -0.51 0.00	16.98 -0.29 0.00	13.89 -0.20 0.00	15.65 -0.25 0.00	17.61 -0.24 0.00	18.16 -0.23 0.00	19.84 -0.01 0.00	21.01 -0.13 0.00	24.51 -0.20 0.00	25.49 0.00 0.00	25.09 0.09 0.00	29.22 0.09 0.00	30.91 0.20 0.00	31.44 0.22 0.00	30.36 0.48 0.00	30.45 0.52 0.00	30.62 0.67 0.00	25.74 0.50 0.00	25.98 0.63 0.00	27.53 0.59 0.00
COLDSPRG_115KV_BK1 355956	15.70 -0.05 0.00	17.43 -0.05 0.00	9.27 -0.04 0.00	15.07 0.00 0.00	18.91 0.02 0.00	17.34 0.06 0.00	14.14 0.05 0.00	15.94 0.04 0.00	18.01 0.15 0.00	18.56 0.17 0.00	19.97 0.13 0.00	21.41 0.27 0.00	25.18 0.47 0.00	26.12 0.63 0.00	25.70 0.70 0.00	30.02 0.89 0.00	31.52 0.80 0.00	32.14 0.93 0.00	30.72 0.84 0.00	30.90 0.97 0.00	30.82 0.87 0.00	26.20 0.97 0.00	26.41 1.06 0.00	28.36 1.42 0.00
COLONIE_LFGE__ 323577	16.33 0.59 0.00	18.15 0.68 0.00	9.67 0.36 0.00	15.65 0.58 0.00	19.58 0.69 0.00	17.86 0.59 0.00	14.54 0.46 0.00	16.43 0.53 0.00	18.41 0.56 0.00	18.97 0.58 0.00	20.45 0.60 0.00	21.76 0.62 0.00	25.40 0.69 0.00	26.17 0.68 0.00	25.68 0.67 0.00	29.92 0.79 0.00	31.62 0.90 0.00	32.20 0.98 0.00	30.84 0.96 0.00	30.86 0.93 0.00	30.89 0.94 0.00	25.95 0.71 0.00	25.99 0.64 0.00	27.51 0.57 0.00
COOPERNY_115KV_TB1 80082	16.38 0.63 0.00	18.16 0.68 0.00	9.68 0.37 0.00	15.66 0.59 0.00	19.63 0.74 0.00	17.92 0.65 0.00	14.62 0.53 0.00	16.53 0.63 0.00	18.57 0.72 0.00	19.13 0.73 0.00	20.68 0.83 0.00	22.01 0.87 0.00	25.68 0.97 0.00	26.47 0.99 0.00	25.97 0.96 0.00	30.26 1.14 0.00	31.94 1.22 0.00	32.62 1.40 0.00	31.26 1.38 0.00	31.29 1.36 0.00	31.33 1.38 0.00	26.34 1.10 0.00	26.40 1.05 0.00	27.95 1.01 0.00
COPENHAGEN_WT_PWR 323753	15.18 -0.57 0.00	16.72 -0.76 0.00	8.88 -0.42 0.00	14.45 -0.61 0.00	18.07 -0.82 0.00	16.71 -0.56 0.00	13.67 -0.42 0.00	15.39 -0.52 0.00	17.30 -0.56 0.00	17.82 -0.58 0.00	19.49 -0.35 0.00	20.61 -0.54 0.00	24.04 -0.67 0.00	25.01 -0.48 0.00	24.69 -0.31 0.00	28.80 -0.33 0.00	30.41 -0.31 0.00	30.93 -0.28 0.00	29.89 0.02 0.00	29.96 0.03 0.00	30.16 0.21 0.00	25.35 0.11 0.00	25.66 0.31 0.00	27.21 0.27 0.00
CORNELL____ 23752	15.88 0.13 0.00	17.61 0.14 0.00	9.38 0.08 0.00	15.19 0.12 0.00	19.05 0.16 0.00	17.43 0.16 0.00	14.22 0.13 0.00	16.09 0.18 0.00	18.09 0.24 0.00	18.64 0.25 0.00	20.11 0.26 0.00	21.43 0.29 0.00	25.08 0.36 0.00	25.91 0.43 0.00	25.38 0.37 0.00	29.59 0.46 0.00	31.21 0.50 0.00	31.90 0.68 0.00	30.60 0.72 0.00	30.71 0.78 0.00	30.73 0.77 0.00	25.89 0.65 0.00	25.94 0.59 0.00	27.60 0.66 0.00

CORONA__69_KV_TB1 355595	16.90 1.15 0.00	18.68 1.20 0.00	9.93 0.63 0.00	16.04 0.97 0.00	20.05 1.16 0.00	18.29 1.02 0.00	15.02 0.93 0.00	16.97 1.06 0.00	19.07 1.21 0.00	21.19 1.33 -1.47	31.86 1.56 -10.45	30.53 1.57 -7.81	46.19 1.74 -19.74	44.77 1.82 -17.45	35.88 1.85 -9.03	37.30 2.17 -6.01	34.16 2.16 -1.29	33.67 2.41 -0.03	32.03 2.15 0.00	31.98 2.05 0.00	32.00 2.05 0.00	26.90 1.66 0.00	27.15 1.77 -0.03	28.59 1.65 0.00
CORTLAND__115KV_TB3 80093	15.97 0.22 0.00	17.68 0.21 0.00	9.40 0.09 0.00	15.25 0.17 0.00	19.09 0.20 0.00	17.46 0.19 0.00	14.26 0.17 0.00	16.11 0.21 0.00	18.13 0.28 0.00	18.70 0.31 0.00	20.20 0.35 0.00	21.54 0.40 0.00	25.15 0.43 0.00	25.94 0.45 0.00	25.48 0.48 0.00	29.70 0.57 0.00	31.41 0.70 0.00	31.95 0.74 0.00	30.66 0.79 0.00	30.78 0.85 0.00	30.79 0.83 0.00	25.90 0.66 0.00	25.95 0.59 0.00	27.59 0.65 0.00
COXSACKIE__GT 23611	16.76 1.01 0.00	18.59 1.12 0.00	9.91 0.60 0.00	16.03 0.96 0.00	20.03 1.15 0.00	18.31 1.04 0.00	14.94 0.85 0.00	16.88 0.98 0.00	18.96 1.11 0.00	19.54 1.15 0.00	20.86 1.01 0.00	22.26 1.11 0.00	26.02 1.30 0.00	26.78 1.30 0.00	26.24 1.23 0.00	30.60 1.47 0.00	32.35 1.63 0.00	33.00 1.79 0.00	31.70 1.82 0.00	31.78 1.86 0.00	31.75 1.79 0.00	26.61 1.37 0.00	26.58 1.23 0.00	28.25 1.31 0.00
CPV__VALLEY__CC1 323721	16.41 0.66 0.00	18.19 0.71 0.00	9.70 0.39 0.00	15.68 0.61 0.00	19.66 0.77 0.00	17.94 0.67 0.00	14.64 0.56 0.00	16.55 0.65 0.00	18.59 0.73 0.00	19.14 0.75 0.00	20.69 0.84 0.00	22.02 0.87 0.00	25.69 0.98 0.00	26.47 0.99 0.00	25.97 0.96 0.00	30.26 1.14 0.00	31.94 1.23 0.00	32.62 1.40 0.00	31.27 1.39 0.00	31.30 1.37 0.00	31.33 1.38 0.00	26.34 1.11 0.00	26.41 1.06 0.00	27.94 0.99 0.00
CPV__VALLEY__CC2 323722	16.41 0.66 0.00	18.19 0.71 0.00	9.70 0.39 0.00	15.68 0.61 0.00	19.66 0.77 0.00	17.94 0.67 0.00	14.64 0.56 0.00	16.55 0.65 0.00	18.59 0.73 0.00	19.14 0.75 0.00	20.69 0.84 0.00	22.02 0.87 0.00	25.69 0.98 0.00	26.47 0.99 0.00	25.97 0.96 0.00	30.26 1.14 0.00	31.94 1.23 0.00	32.62 1.40 0.00	31.27 1.39 0.00	31.30 1.37 0.00	31.33 1.38 0.00	26.34 1.11 0.00	26.41 1.06 0.00	27.94 0.99 0.00
CRESCENT__HYD 24018	16.33 0.59 0.00	18.15 0.68 0.00	9.67 0.36 0.00	15.65 0.58 0.00	19.58 0.69 0.00	17.86 0.59 0.00	14.54 0.46 0.00	16.43 0.53 0.00	18.41 0.56 0.00	18.97 0.58 0.00	20.45 0.60 0.00	21.76 0.62 0.00	25.40 0.69 0.00	26.17 0.68 0.00	25.68 0.67 0.00	29.92 0.79 0.00	31.62 0.90 0.00	32.20 0.98 0.00	30.84 0.96 0.00	30.86 0.93 0.00	30.89 0.94 0.00	25.95 0.71 0.00	25.99 0.64 0.00	27.51 0.57 0.00
CRICKET__VALLEY_CC1 323756	16.58 0.83 0.00	18.37 0.89 0.00	9.79 0.48 0.00	15.85 0.78 0.00	19.84 0.95 0.00	18.13 0.86 0.00	14.79 0.71 0.00	16.71 0.81 0.00	18.74 0.88 0.00	19.32 0.92 0.00	20.88 1.03 0.00	22.19 1.04 0.00	25.89 1.18 0.00	26.68 1.19 0.00	26.18 1.17 0.00	30.53 1.40 0.00	32.26 1.55 0.00	32.95 1.73 0.00	31.57 1.69 0.00	31.59 1.66 0.00	31.60 1.65 0.00	26.53 1.29 0.00	26.58 1.23 0.00	28.06 1.12 0.00
CRICKET__VALLEY_CC2 323757	16.58 0.83 0.00	18.37 0.89 0.00	9.79 0.48 0.00	15.85 0.78 0.00	19.84 0.95 0.00	18.13 0.86 0.00	14.79 0.71 0.00	16.71 0.81 0.00	18.74 0.88 0.00	19.32 0.92 0.00	20.88 1.03 0.00	22.19 1.04 0.00	25.89 1.18 0.00	26.68 1.19 0.00	26.18 1.17 0.00	30.53 1.40 0.00	32.26 1.55 0.00	32.95 1.73 0.00	31.57 1.69 0.00	31.59 1.66 0.00	31.60 1.65 0.00	26.53 1.29 0.00	26.58 1.23 0.00	28.06 1.12 0.00
CRICKET__VALLEY_CC3 323758	16.58 0.83 0.00	18.37 0.89 0.00	9.79 0.48 0.00	15.85 0.78 0.00	19.84 0.95 0.00	18.13 0.86 0.00	14.79 0.71 0.00	16.71 0.81 0.00	18.74 0.88 0.00	19.32 0.92 0.00	20.88 1.03 0.00	22.19 1.04 0.00	25.89 1.18 0.00	26.68 1.19 0.00	26.18 1.17 0.00	30.53 1.40 0.00	32.26 1.55 0.00	32.95 1.73 0.00	31.57 1.69 0.00	31.59 1.66 0.00	31.60 1.65 0.00	26.53 1.29 0.00	26.58 1.23 0.00	28.06 1.12 0.00
CRUCIBLE__METL_DRP 24180	15.67 -0.08 0.00	17.38 -0.09 0.00	9.26 -0.04 0.00	15.00 -0.08 0.00	18.80 -0.09 0.00	17.19 -0.08 0.00	14.02 -0.06 0.00	15.84 -0.07 0.00	17.81 -0.04 0.00	18.36 -0.03 0.00	19.83 -0.02 0.00	21.14 -0.01 0.00	24.72 0.01 0.00	25.51 0.03 0.00	25.01 0.01 0.00	29.10 -0.03 0.00	30.67 -0.05 0.00	31.25 0.03 0.00	29.94 0.07 0.00	30.02 0.08 0.00	30.04 0.08 0.00	25.29 0.06 0.00	25.38 0.02 0.00	27.03 0.09 0.00
DAHOWA__HYDRO 323763	16.43 0.68 0.00	18.22 0.74 0.00	9.69 0.38 0.00	15.69 0.62 0.00	19.64 0.75 0.00	17.95 0.68 0.00	14.63 0.54 0.00	16.54 0.64 0.00	18.55 0.70 0.00	19.15 0.76 0.00	20.68 0.84 0.00	22.01 0.86 0.00	25.67 0.96 0.00	26.43 0.94 0.00	25.95 0.94 0.00	30.28 1.15 0.00	32.04 1.32 0.00	32.64 1.42 0.00	31.28 1.41 0.00	31.29 1.36 0.00	31.27 1.31 0.00	26.23 1.00 0.00	26.19 0.84 0.00	27.66 0.72 0.00
DANC__LFGE 323619	15.31 -0.44 0.00	16.91 -0.57 0.00	8.99 -0.31 0.00	14.60 -0.47 0.00	18.27 -0.61 0.00	16.81 -0.46 0.00	13.72 -0.36 0.00	15.47 -0.43 0.00	17.40 -0.46 0.00	17.93 -0.46 0.00	19.53 -0.32 0.00	20.74 -0.41 0.00	24.20 -0.51 0.00	25.10 -0.39 0.00	24.69 -0.32 0.00	28.76 -0.37 0.00	30.33 -0.39 0.00	30.86 -0.36 0.00	29.73 -0.15 0.00	29.80 -0.13 0.00	29.92 -0.04 0.00	25.19 -0.05 0.00	25.43 0.07 0.00	27.00 0.06 0.00
DANSKAMMER__1 23586	16.79 1.05 0.00	18.61 1.14 0.00	9.91 0.60 0.00	16.04 0.97 0.00	20.10 1.21 0.00	18.35 1.07 0.00	14.98 0.90 0.00	16.96 1.05 0.00	19.06 1.21 0.00	19.66 1.27 0.00	21.26 1.42 0.00	22.64 1.49 0.00	26.42 1.71 0.00	27.24 1.75 0.00	26.71 1.70 0.00	31.14 2.01 0.00	32.89 2.17 0.00	33.59 2.38 0.00	32.20 2.32 0.00	32.23 2.30 0.00	32.25 2.30 0.00	27.07 1.83 0.00	27.09 1.74 0.00	28.63 1.69 0.00
DANSKAMMER__2 23589	16.79 1.05 0.00	18.61 1.14 0.00	9.91 0.60 0.00	16.04 0.97 0.00	20.10 1.21 0.00	18.35 1.07 0.00	14.98 0.90 0.00	16.96 1.05 0.00	19.06 1.21 0.00	19.66 1.27 0.00	21.26 1.42 0.00	22.64 1.49 0.00	26.42 1.71 0.00	27.24 1.75 0.00	26.71 1.70 0.00	31.14 2.01 0.00	32.89 2.17 0.00	33.59 2.38 0.00	32.20 2.32 0.00	32.23 2.30 0.00	32.25 2.30 0.00	27.07 1.83 0.00	27.09 1.74 0.00	28.63 1.69 0.00
DANSKAMMER__3 23590	16.79 1.05 0.00	18.61 1.14 0.00	9.91 0.60 0.00	16.04 0.97 0.00	20.10 1.21 0.00	18.35 1.07 0.00	14.98 0.90 0.00	16.96 1.05 0.00	19.06 1.21 0.00	19.66 1.27 0.00	21.26 1.42 0.00	22.64 1.49 0.00	26.42 1.71 0.00	27.24 1.75 0.00	26.71 1.70 0.00	31.14 2.01 0.00	32.89 2.17 0.00	33.59 2.38 0.00	32.20 2.32 0.00	32.23 2.30 0.00	32.25 2.30 0.00	27.07 1.83 0.00	27.09 1.74 0.00	28.63 1.69 0.00

DANSKAMMER___4 23591	16.79 1.05 0.00	18.61 1.14 0.00	9.91 0.60 0.00	16.04 0.97 0.00	20.10 1.21 0.00	18.35 1.07 0.00	14.98 0.90 0.00	16.96 1.05 0.00	19.06 1.21 0.00	19.66 1.27 0.00	21.26 1.42 0.00	22.64 1.49 0.00	26.42 1.71 0.00	27.24 1.75 0.00	26.71 1.70 0.00	31.14 2.01 0.00	32.89 2.17 0.00	33.59 2.38 0.00	32.20 2.32 0.00	32.23 2.30 0.00	32.25 2.30 0.00	27.07 1.83 0.00	27.09 1.74 0.00	28.63 1.69 0.00
DANSKAMMER___DIESEL 23592	16.79 1.05 0.00	18.61 1.14 0.00	9.91 0.60 0.00	16.04 0.96 0.00	20.10 1.21 0.00	18.35 1.07 0.00	14.98 0.90 0.00	16.96 1.05 0.00	19.06 1.21 0.00	19.66 1.27 0.00	21.26 1.42 0.00	22.64 1.49 0.00	26.42 1.71 0.00	27.24 1.75 0.00	26.71 1.70 0.00	31.14 2.01 0.00	32.88 2.16 0.00	33.60 2.38 0.00	32.20 2.32 0.00	32.23 2.30 0.00	32.25 2.30 0.00	27.07 1.84 0.00	27.09 1.75 0.00	28.63 1.69 0.00
DARBY___SOLAR 323810	16.42 0.67 0.00	18.21 0.74 0.00	9.69 0.38 0.00	15.69 0.62 0.00	19.64 0.75 0.00	17.95 0.68 0.00	14.62 0.53 0.00	16.53 0.63 0.00	18.54 0.69 0.00	19.13 0.74 0.00	20.66 0.81 0.00	21.97 0.83 0.00	25.64 0.93 0.00	26.40 0.91 0.00	25.92 0.91 0.00	30.25 1.12 0.00	31.99 1.27 0.00	32.59 1.37 0.00	31.23 1.35 0.00	31.23 1.31 0.00	31.23 1.28 0.00	26.21 0.97 0.00	26.19 0.84 0.00	27.67 0.73 0.00
DASHVILLE___HYD 23610	16.64 0.89 0.00	18.43 0.96 0.00	9.82 0.51 0.00	15.89 0.82 0.00	19.92 1.04 0.00	18.18 0.92 0.00	14.84 0.76 0.00	16.80 0.90 0.00	18.90 1.05 0.00	19.50 1.10 0.00	21.12 1.28 0.00	22.48 1.33 0.00	26.23 1.51 0.00	27.04 1.55 0.00	26.52 1.52 0.00	30.91 1.78 0.00	32.63 1.91 0.00	33.33 2.11 0.00	31.95 2.08 0.00	31.98 2.06 0.00	32.01 2.06 0.00	26.88 1.64 0.00	26.91 1.56 0.00	28.41 1.47 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	17.40 1.65 0.00	19.21 1.73 0.00	10.24 0.93 0.00	16.52 1.45 0.00	20.68 1.79 0.00	18.83 1.56 0.00	15.49 1.41 0.00	17.54 1.63 0.00	19.68 1.82 0.00	21.87 1.98 -1.49	22.34 1.94 -0.56	22.89 1.93 0.19	27.96 2.19 -1.05	28.69 2.27 -0.93	27.75 2.27 -0.48	32.19 2.75 -0.31	33.61 2.83 -0.07	34.18 2.97 0.00	32.45 2.58 0.00	32.10 2.17 0.00	32.07 2.12 0.00	26.97 1.73 0.00	27.28 1.93 0.00	28.72 1.78 0.00
DELAWARE___LFGE 323621	16.16 0.41 0.00	17.94 0.47 0.00	9.56 0.25 0.00	15.48 0.40 0.00	19.39 0.51 0.00	17.71 0.44 0.00	14.44 0.36 0.00	16.34 0.43 0.00	18.37 0.51 0.00	18.93 0.54 0.00	20.45 0.60 0.00	21.80 0.65 0.00	25.46 0.75 0.00	26.27 0.79 0.00	25.78 0.78 0.00	30.05 0.92 0.00	31.73 1.02 0.00	32.37 1.15 0.00	31.01 1.14 0.00	31.07 1.14 0.00	31.10 1.15 0.00	26.17 0.93 0.00	26.25 0.90 0.00	27.85 0.91 0.00
DERFIELD_115KV_TB7 355931	15.81 0.06 0.00	17.55 0.07 0.00	9.34 0.04 0.00	15.13 0.06 0.00	18.95 0.06 0.00	17.31 0.04 0.00	14.12 0.03 0.00	15.95 0.04 0.00	17.90 0.05 0.00	18.45 0.05 0.00	19.90 0.05 0.00	21.21 0.06 0.00	24.77 0.06 0.00	25.54 0.05 0.00	25.06 0.06 0.00	29.21 0.08 0.00	30.82 0.10 0.00	31.36 0.15 0.00	30.03 0.15 0.00	30.08 0.15 0.00	30.11 0.17 0.00	25.34 0.11 0.00	25.43 0.08 0.00	27.02 0.08 0.00
DOGLEVILLE___HYD 23807	15.81 0.06 0.00	17.49 0.02 0.00	9.30 -0.01 0.00	15.03 -0.05 0.00	18.78 -0.11 0.00	17.12 -0.15 0.00	13.97 -0.11 0.00	15.84 -0.06 0.00	17.83 -0.03 0.00	18.37 -0.02 0.00	19.82 -0.02 0.00	21.13 -0.01 0.00	24.78 0.07 0.00	25.53 0.05 0.00	25.04 0.03 0.00	29.20 0.07 0.00	30.90 0.18 0.00	31.64 0.42 0.00	30.27 0.40 0.00	30.38 0.46 0.00	30.42 0.46 0.00	25.50 0.26 0.00	25.46 0.11 0.00	26.88 -0.06 0.00
DUNKIRK___115KV_TB_200 55889	15.23 -0.52 0.00	16.91 -0.57 0.00	9.01 -0.30 0.00	14.64 -0.43 0.00	18.38 -0.51 0.00	16.83 -0.44 0.00	13.74 -0.34 0.00	15.46 -0.45 0.00	17.44 -0.41 0.00	17.96 -0.44 0.00	19.39 -0.45 0.00	20.82 -0.33 0.00	24.50 -0.21 0.00	25.42 -0.07 0.00	25.06 0.05 0.00	29.24 0.11 0.00	30.71 0.00 0.00	31.30 0.08 0.00	29.89 0.02 0.00	30.06 0.12 0.00	29.97 0.01 0.00	25.50 0.26 0.00	25.68 0.33 0.00	27.61 0.67 0.00
DUNKIRK___1 23563	15.23 -0.52 0.00	16.91 -0.57 0.00	9.01 -0.30 0.00	14.64 -0.43 0.00	18.38 -0.51 0.00	16.83 -0.44 0.00	13.74 -0.34 0.00	15.46 -0.45 0.00	17.44 -0.41 0.00	17.96 -0.44 0.00	19.39 -0.45 0.00	20.82 -0.33 0.00	24.50 -0.21 0.00	25.42 -0.07 0.00	25.06 0.05 0.00	29.24 0.11 0.00	30.71 0.00 0.00	31.30 0.08 0.00	29.89 0.02 0.00	30.06 0.12 0.00	29.97 0.01 0.00	25.50 0.26 0.00	25.68 0.33 0.00	27.61 0.67 0.00
DUNKIRK___2 23564	15.23 -0.52 0.00	16.91 -0.57 0.00	9.01 -0.30 0.00	14.64 -0.43 0.00	18.38 -0.51 0.00	16.83 -0.44 0.00	13.74 -0.34 0.00	15.46 -0.45 0.00	17.44 -0.41 0.00	17.96 -0.44 0.00	19.39 -0.45 0.00	20.82 -0.33 0.00	24.50 -0.21 0.00	25.42 -0.07 0.00	25.06 0.05 0.00	29.24 0.11 0.00	30.71 0.00 0.00	31.30 0.08 0.00	29.89 0.02 0.00	30.06 0.12 0.00	29.97 0.01 0.00	25.50 0.26 0.00	25.68 0.33 0.00	27.61 0.67 0.00
DUNKIRK___3 23565	15.27 -0.48 0.00	16.96 -0.51 0.00	9.04 -0.27 0.00	14.68 -0.39 0.00	18.44 -0.45 0.00	16.88 -0.39 0.00	13.78 -0.30 0.00	15.49 -0.41 0.00	17.48 -0.38 0.00	17.99 -0.40 0.00	19.42 -0.42 0.00	20.82 -0.32 0.00	24.47 -0.25 0.00	25.37 -0.12 0.00	24.97 -0.04 0.00	29.13 0.00 0.00	30.58 -0.14 0.00	31.11 -0.10 0.00	29.69 -0.19 0.00	29.86 -0.07 0.00	29.80 -0.15 0.00	25.36 0.12 0.00	25.54 0.18 0.00	27.46 0.52 0.00
DUNKIRK___4 23566	15.27 -0.48 0.00	16.96 -0.51 0.00	9.04 -0.27 0.00	14.68 -0.39 0.00	18.44 -0.45 0.00	16.88 -0.39 0.00	13.78 -0.30 0.00	15.49 -0.41 0.00	17.48 -0.38 0.00	17.99 -0.40 0.00	19.42 -0.42 0.00	20.82 -0.32 0.00	24.47 -0.25 0.00	25.37 -0.12 0.00	24.97 -0.04 0.00	29.13 0.00 0.00	30.58 -0.14 0.00	31.11 -0.10 0.00	29.69 -0.19 0.00	29.86 -0.07 0.00	29.80 -0.15 0.00	25.36 0.12 0.00	25.54 0.18 0.00	27.46 0.52 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	16.70 0.96 0.00	18.51 1.03 0.00	9.85 0.54 0.00	15.95 0.88 0.00	20.00 1.11 0.00	18.24 0.97 0.00	14.89 0.81 0.00	16.85 0.95 0.00	18.92 1.06 0.00	19.50 1.10 0.00	21.08 1.23 0.00	22.42 1.27 0.00	26.15 1.43 0.00	26.96 1.46 0.00	26.45 1.44 0.00	30.83 1.70 0.00	32.53 1.81 0.00	33.23 2.01 0.00	31.83 1.96 0.00	31.85 1.92 0.00	31.87 1.92 0.00	26.77 1.53 0.00	26.85 1.50 0.00	28.37 1.43 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	16.63 0.89 0.00	18.43 0.96 0.00	9.82 0.51 0.00	15.89 0.82 0.00	19.92 1.03 0.00	18.18 0.91 0.00	14.84 0.75 0.00	16.79 0.89 0.00	18.86 1.01 0.00	19.44 1.05 0.00	21.03 1.18 0.00	22.38 1.23 0.00	26.12 1.41 0.00	26.92 1.43 0.00	26.40 1.40 0.00	30.77 1.64 0.00	32.49 1.77 0.00	33.19 1.97 0.00	31.81 1.94 0.00	31.84 1.92 0.00	31.88 1.93 0.00	26.77 1.53 0.00	26.82 1.47 0.00	28.35 1.41 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	16.73 0.99 0.00	18.53 1.05 0.00	9.87 0.56 0.00	16.00 0.92 0.00	20.06 1.17 0.00	18.25 0.98 0.00	14.89 0.80 0.00	16.92 1.01 0.00	18.97 1.12 0.00	19.53 1.14 0.00	21.15 1.30 0.00	22.49 1.35 0.00	26.18 1.47 0.00	27.02 1.53 0.00	26.51 1.50 0.00	30.91 1.78 0.00	32.59 1.87 0.00	33.30 2.08 0.00	31.90 2.02 0.00	31.91 1.98 0.00	31.94 1.98 0.00	26.83 1.59 0.00	26.93 1.58 0.00	28.42 1.48 0.00
E179THST_13_KV_LOAD 356214	16.79 1.05 0.00	18.59 1.12 0.00	9.90 0.60 0.00	16.05 0.98 0.00	20.12 1.23 0.00	18.31 1.04 0.00	14.94 0.85 0.00	16.97 1.06 0.00	19.03 1.18 0.00	19.60 1.21 0.00	21.23 1.38 0.00	22.58 1.43 0.00	26.29 1.58 0.00	27.13 1.65 0.00	26.63 1.62 0.00	31.03 1.90 0.00	32.73 2.01 0.00	33.44 2.22 0.00	32.03 2.16 0.00	32.04 2.11 0.00	32.07 2.12 0.00	26.94 1.71 0.00	27.05 1.70 0.00	28.53 1.59 0.00
EAST HAMPTON___GT 23717	17.46 1.71 0.00	19.27 1.79 0.00	10.27 0.96 0.00	16.59 1.52 0.00	20.77 1.88 0.00	18.90 1.63 0.00	15.54 1.46 0.00	17.61 1.71 0.00	19.73 1.87 0.00	21.92 2.03 -1.49	22.39 1.99 -0.56	22.91 1.96 0.19	28.05 2.28 -1.06	28.76 2.34 -0.93	27.79 2.31 -0.48	32.28 2.84 -0.31	33.74 2.96 -0.07	34.20 2.98 0.00	32.44 2.57 0.00	32.00 2.07 0.00	31.97 2.02 0.00	26.88 1.64 0.00	27.17 1.82 0.00	28.62 1.68 0.00
EAST RIVER___6 23660	16.76 1.02 0.00	18.56 1.09 0.00	9.88 0.57 0.00	15.99 0.92 0.00	20.06 1.17 0.00	18.28 1.00 0.00	14.93 0.85 0.00	16.92 1.01 0.00	18.98 1.12 0.00	19.56 1.16 0.00	21.15 1.31 0.00	22.50 1.35 0.00	26.23 1.52 0.00	27.03 1.54 0.00	26.52 1.51 0.00	30.92 1.79 0.00	32.61 1.90 0.00	33.31 2.10 0.00	31.91 2.04 0.00	31.91 1.98 0.00	31.93 1.98 0.00	26.81 1.57 0.00	26.88 1.53 0.00	28.46 1.52 0.00
EAST RIVER___7 23524	16.76 1.02 0.00	18.56 1.09 0.00	9.88 0.57 0.00	15.99 0.92 0.00	20.06 1.17 0.00	18.28 1.00 0.00	14.93 0.85 0.00	16.92 1.01 0.00	18.98 1.12 0.00	19.56 1.16 0.00	21.15 1.31 0.00	22.50 1.35 0.00	26.23 1.52 0.00	27.03 1.54 0.00	26.52 1.51 0.00	30.92 1.79 0.00	32.61 1.90 0.00	33.31 2.10 0.00	31.91 2.04 0.00	31.91 1.98 0.00	31.93 1.98 0.00	26.81 1.57 0.00	26.88 1.53 0.00	28.46 1.52 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	16.69 0.94 0.00	18.49 1.01 0.00	9.84 0.54 0.00	15.93 0.86 0.00	19.98 1.09 0.00	18.22 0.95 0.00	14.88 0.79 0.00	16.84 0.93 0.00	18.89 1.04 0.00	19.47 1.08 0.00	21.05 1.20 0.00	22.39 1.25 0.00	26.12 1.41 0.00	26.92 1.44 0.00	26.41 1.40 0.00	30.80 1.67 0.00	32.49 1.77 0.00	33.20 1.98 0.00	31.80 1.93 0.00	31.81 1.88 0.00	31.84 1.88 0.00	26.74 1.50 0.00	26.82 1.47 0.00	28.34 1.40 0.00
EAST_HAMPTON___DIESEL 23722	17.45 1.71 0.00	19.25 1.78 0.00	10.26 0.95 0.00	16.58 1.51 0.00	20.76 1.88 0.00	18.90 1.63 0.00	15.53 1.45 0.00	17.60 1.70 0.00	19.72 1.86 0.00	21.91 2.01 -1.49	22.37 1.97 -0.56	22.89 1.94 0.19	28.04 2.27 -1.06	28.75 2.33 -0.93	27.78 2.30 -0.48	32.27 2.82 -0.31	33.74 2.96 -0.07	34.17 2.96 0.00	32.41 2.53 0.00	31.96 2.03 0.00	31.91 1.96 0.00	26.83 1.59 0.00	27.12 1.77 0.00	28.57 1.63 0.00
EAST_POINT___SOLAR 323840	16.49 0.75 0.00	18.26 0.78 0.00	9.71 0.40 0.00	15.70 0.63 0.00	19.68 0.79 0.00	17.79 0.52 0.00	14.69 0.61 0.00	16.62 0.71 0.00	18.78 0.92 0.00	19.37 0.97 0.00	20.98 1.13 0.00	22.43 1.28 0.00	26.28 1.56 0.00	27.15 1.66 0.00	26.63 1.62 0.00	31.07 1.95 0.00	32.84 2.13 0.00	33.41 2.20 0.00	32.01 2.13 0.00	32.09 2.16 0.00	32.14 2.19 0.00	27.09 1.86 0.00	27.14 1.79 0.00	28.85 1.91 0.00
EAST_PULASKI___ESR 323781	15.44 -0.31 0.00	17.10 -0.37 0.00	9.10 -0.20 0.00	14.76 -0.32 0.00	18.48 -0.41 0.00	16.92 -0.35 0.00	13.80 -0.28 0.00	15.58 -0.33 0.00	17.53 -0.33 0.00	18.07 -0.32 0.00	19.60 -0.25 0.00	20.88 -0.27 0.00	24.38 -0.33 0.00	25.20 -0.29 0.00	24.72 -0.29 0.00	28.77 -0.36 0.00	30.30 -0.41 0.00	30.85 -0.36 0.00	29.62 -0.26 0.00	29.71 -0.22 0.00	29.75 -0.20 0.00	25.08 -0.16 0.00	25.22 -0.13 0.00	26.83 -0.12 0.00
EAST_RIVER___1 323558	16.74 0.99 0.00	18.55 1.07 0.00	9.87 0.56 0.00	15.98 0.91 0.00	20.05 1.16 0.00	18.27 1.00 0.00	14.92 0.83 0.00	16.91 1.00 0.00	18.96 1.11 0.00	19.54 1.15 0.00	21.14 1.29 0.00	22.49 1.34 0.00	26.22 1.51 0.00	27.03 1.54 0.00	26.51 1.51 0.00	30.90 1.78 0.00	32.60 1.88 0.00	33.29 2.08 0.00	31.90 2.02 0.00	31.90 1.98 0.00	31.93 1.98 0.00	26.81 1.58 0.00	26.89 1.54 0.00	28.44 1.50 0.00
EAST_RIVER___2 323559	16.76 1.02 0.00	18.56 1.09 0.00	9.88 0.57 0.00	15.99 0.92 0.00	20.06 1.17 0.00	18.28 1.00 0.00	14.93 0.85 0.00	16.92 1.01 0.00	18.98 1.12 0.00	19.56 1.16 0.00	21.15 1.31 0.00	22.50 1.35 0.00	26.23 1.52 0.00	27.03 1.54 0.00	26.52 1.51 0.00	30.92 1.79 0.00	32.61 1.90 0.00	33.31 2.10 0.00	31.91 2.04 0.00	31.91 1.98 0.00	31.93 1.98 0.00	26.81 1.57 0.00	26.88 1.53 0.00	28.46 1.52 0.00
EAST___DELAWARE_HYD 23607	16.28 0.53 0.00	18.03 0.56 0.00	9.60 0.30 0.00	15.53 0.46 0.00	19.48 0.59 0.00	17.78 0.52 0.00	14.53 0.44 0.00	16.45 0.55 0.00	18.53 0.67 0.00	19.12 0.72 0.00	20.71 0.87 0.00	22.05 0.90 0.00	25.73 1.01 0.00	26.51 1.02 0.00	25.99 0.99 0.00	30.28 1.15 0.00	31.98 1.26 0.00	32.70 1.49 0.00	31.38 1.50 0.00	31.41 1.48 0.00	31.43 1.48 0.00	26.40 1.17 0.00	26.42 1.07 0.00	27.89 0.94 0.00
EIGHT_POINT___WT_PWR 323820	14.63 -1.12 0.00	16.27 -1.21 0.00	8.65 -0.65 0.00	14.08 -1.00 0.00	17.74 -1.16 0.00	16.27 -1.00 0.00	13.30 -0.78 0.00	14.98 -0.93 0.00	16.91 -0.94 0.00	17.35 -1.04 0.00	18.83 -1.02 0.00	20.21 -0.94 0.00	23.86 -0.86 0.00	24.85 -0.64 0.00	24.68 -0.33 0.00	28.93 -0.19 0.00	30.61 -0.11 0.00	31.40 0.19 0.00	30.14 0.26 0.00	30.34 0.41 0.00	30.29 0.34 0.00	25.57 0.34 0.00	25.69 0.34 0.00	27.40 0.46 0.00
ELBRIDGE_115KV_TB2 80188	15.59 -0.16 0.00	17.29 -0.18 0.00	9.22 -0.09 0.00	14.92 -0.15 0.00	18.72 -0.17 0.00	17.12 -0.14 0.00	13.95 -0.13 0.00	15.76 -0.15 0.00	17.73 -0.12 0.00	18.28 -0.12 0.00	19.73 -0.11 0.00	21.02 -0.13 0.00	24.59 -0.13 0.00	25.38 -0.10 0.00	24.86 -0.15 0.00	28.93 -0.20 0.00	30.47 -0.25 0.00	31.08 -0.14 0.00	29.78 -0.09 0.00	29.83 -0.10 0.00	29.88 -0.08 0.00	25.17 -0.07 0.00	25.26 -0.09 0.00	26.91 -0.03 0.00
ELEC_TRO_TEK 24086	16.81 1.06 0.00	18.59 1.12 0.00	9.89 0.58 0.00	15.97 0.89 0.00	19.97 1.08 0.00	18.22 0.95 0.00	14.95 0.86 0.00	16.89 0.99 0.00	18.99 1.14 0.00	21.10 1.24 -1.47	24.96 1.45 -3.67	24.93 1.46 -2.32	33.23 1.59 -6.93	33.28 1.66 -6.13	29.85 1.68 -3.17	33.21 1.98 -2.11	33.16 1.99 -0.45	33.44 2.21 -0.01	31.85 1.98 0.00	31.78 1.86 0.00	31.81 1.85 0.00	26.74 1.50 0.00	26.97 1.61 -0.01	28.42 1.47 0.00

ELLENBURG_WT_PWR 323604	15.72 -0.03 0.00	17.33 -0.15 0.00	9.15 -0.15 0.00	14.83 -0.24 0.00	18.71 -0.18 0.00	17.35 0.08 0.00	14.19 0.11 0.00	16.09 0.19 0.00	17.83 -0.03 0.00	18.32 -0.08 0.00	19.88 0.03 0.00	21.17 0.02 0.00	24.84 0.13 0.00	25.55 0.07 0.00	25.11 0.11 0.00	29.33 0.20 0.00	31.00 0.28 0.00	31.63 0.42 0.00	30.15 0.27 0.00	30.22 0.29 0.00	30.25 0.30 0.00	25.36 0.12 0.00	25.45 0.10 0.00	27.24 0.30 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	15.24 -0.51 0.00	16.94 -0.54 0.00	9.03 -0.28 0.00	14.64 -0.43 0.00	18.38 -0.51 0.00	16.81 -0.45 0.00	13.74 -0.34 0.00	15.40 -0.50 0.00	17.39 -0.47 0.00	17.94 -0.45 0.00	19.36 -0.48 0.00	20.73 -0.41 0.00	24.31 -0.40 0.00	25.14 -0.34 0.00	24.72 -0.28 0.00	28.79 -0.33 0.00	30.18 -0.53 0.00	30.53 -0.69 0.00	29.10 -0.78 0.00	29.26 -0.67 0.00	29.27 -0.68 0.00	24.92 -0.32 0.00	25.06 -0.29 0.00	26.98 0.04 0.00
EMPIRE_CC_1 323656	16.18 0.44 0.00	17.98 0.50 0.00	9.58 0.28 0.00	15.51 0.44 0.00	19.40 0.51 0.00	17.69 0.42 0.00	14.40 0.32 0.00	16.26 0.35 0.00	18.19 0.34 0.00	18.75 0.35 0.00	20.16 0.31 0.00	21.45 0.30 0.00	24.99 0.27 0.00	25.75 0.26 0.00	25.27 0.26 0.00	29.43 0.30 0.00	31.09 0.37 0.00	31.67 0.45 0.00	30.34 0.46 0.00	30.35 0.42 0.00	30.40 0.45 0.00	25.56 0.33 0.00	25.62 0.27 0.00	27.19 0.25 0.00
EMPIRE_CC_2 323658	16.18 0.44 0.00	17.98 0.50 0.00	9.58 0.28 0.00	15.51 0.44 0.00	19.40 0.51 0.00	17.69 0.42 0.00	14.40 0.32 0.00	16.26 0.35 0.00	18.19 0.34 0.00	18.75 0.35 0.00	20.16 0.31 0.00	21.45 0.30 0.00	24.99 0.27 0.00	25.75 0.26 0.00	25.27 0.26 0.00	29.43 0.30 0.00	31.09 0.37 0.00	31.67 0.45 0.00	30.34 0.46 0.00	30.35 0.42 0.00	30.40 0.45 0.00	25.56 0.33 0.00	25.62 0.27 0.00	27.19 0.25 0.00
ENORWICH_115KV_TB1 80156	16.11 0.37 0.00	17.85 0.38 0.00	9.47 0.16 0.00	15.30 0.22 0.00	19.18 0.29 0.00	17.61 0.34 0.00	14.38 0.29 0.00	16.29 0.39 0.00	18.40 0.54 0.00	18.98 0.58 0.00	20.49 0.65 0.00	21.86 0.71 0.00	25.57 0.85 0.00	26.50 1.01 0.00	26.02 1.02 0.00	30.43 1.30 0.00	32.42 1.70 0.00	33.27 2.06 0.00	31.88 2.00 0.00	32.15 2.22 0.00	32.16 2.20 0.00	27.07 1.84 0.00	27.03 1.68 0.00	28.72 1.78 0.00
ERIE_ST__34_KV_TB1-2 80199	15.61 -0.14 0.00	17.34 -0.14 0.00	9.23 -0.07 0.00	14.99 -0.08 0.00	18.80 -0.09 0.00	17.21 -0.05 0.00	14.05 -0.03 0.00	15.79 -0.12 0.00	17.81 -0.04 0.00	18.37 -0.03 0.00	19.80 -0.05 0.00	21.18 0.04 0.00	24.83 0.11 0.00	25.67 0.19 0.00	25.22 0.21 0.00	29.39 0.26 0.00	30.84 0.12 0.00	31.23 0.01 0.00	29.77 -0.11 0.00	29.96 0.02 0.00	29.97 0.02 0.00	25.50 0.26 0.00	25.65 0.30 0.00	27.58 0.64 0.00
ERIE_WT_PWR 323693	15.33 -0.41 0.00	17.05 -0.43 0.00	9.08 -0.23 0.00	14.73 -0.35 0.00	18.50 -0.39 0.00	16.92 -0.35 0.00	13.82 -0.27 0.00	15.49 -0.41 0.00	17.49 -0.37 0.00	18.03 -0.36 0.00	19.48 -0.37 0.00	20.86 -0.29 0.00	24.47 -0.24 0.00	25.31 -0.17 0.00	24.89 -0.12 0.00	29.00 -0.13 0.00	30.41 -0.31 0.00	30.81 -0.41 0.00	29.36 -0.52 0.00	29.53 -0.40 0.00	29.54 -0.42 0.00	25.15 -0.08 0.00	25.28 -0.07 0.00	27.19 0.25 0.00
ESPRGFLD_115KV_TB1 80157	16.28 0.54 0.00	18.04 0.56 0.00	9.60 0.29 0.00	15.53 0.45 0.00	19.47 0.58 0.00	17.70 0.43 0.00	14.54 0.46 0.00	16.45 0.55 0.00	18.59 0.74 0.00	19.17 0.78 0.00	20.78 0.94 0.00	22.21 1.06 0.00	25.99 1.28 0.00	26.87 1.39 0.00	26.38 1.37 0.00	30.77 1.64 0.00	32.52 1.80 0.00	33.13 1.92 0.00	31.74 1.86 0.00	31.84 1.91 0.00	31.87 1.92 0.00	26.86 1.62 0.00	26.94 1.59 0.00	28.63 1.69 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	15.86 0.11 0.00	17.60 0.12 0.00	9.37 0.07 0.00	15.17 0.10 0.00	19.03 0.14 0.00	17.41 0.14 0.00	14.20 0.12 0.00	16.06 0.16 0.00	18.07 0.22 0.00	18.62 0.22 0.00	20.09 0.24 0.00	21.41 0.26 0.00	25.04 0.33 0.00	25.88 0.39 0.00	25.34 0.33 0.00	29.55 0.42 0.00	31.16 0.44 0.00	31.84 0.62 0.00	30.54 0.67 0.00	30.65 0.72 0.00	30.67 0.72 0.00	25.84 0.60 0.00	25.90 0.55 0.00	27.56 0.62 0.00
ETNA____115KV_TB2 80207	15.86 0.11 0.00	17.60 0.12 0.00	9.37 0.07 0.00	15.17 0.10 0.00	19.03 0.14 0.00	17.41 0.14 0.00	14.20 0.12 0.00	16.06 0.16 0.00	18.07 0.22 0.00	18.62 0.22 0.00	20.09 0.24 0.00	21.41 0.26 0.00	25.04 0.33 0.00	25.88 0.39 0.00	25.34 0.33 0.00	29.55 0.42 0.00	31.16 0.44 0.00	31.84 0.62 0.00	30.54 0.67 0.00	30.65 0.72 0.00	30.67 0.72 0.00	25.84 0.60 0.00	25.90 0.55 0.00	27.56 0.62 0.00
EUCLID__115KV_TB2 356179	15.53 -0.22 0.00	17.23 -0.25 0.00	9.17 -0.13 0.00	14.86 -0.21 0.00	18.62 -0.27 0.00	17.03 -0.24 0.00	13.89 -0.19 0.00	15.68 -0.22 0.00	17.64 -0.22 0.00	18.18 -0.22 0.00	19.62 -0.22 0.00	20.93 -0.22 0.00	24.46 -0.25 0.00	25.24 -0.24 0.00	24.75 -0.25 0.00	28.80 -0.33 0.00	30.35 -0.37 0.00	30.89 -0.33 0.00	29.58 -0.30 0.00	29.66 -0.27 0.00	29.68 -0.27 0.00	25.00 -0.23 0.00	25.10 -0.25 0.00	26.73 -0.21 0.00
E_CANADA_CAP_HY 24051	16.46 0.71 0.00	18.22 0.74 0.00	9.68 0.38 0.00	15.67 0.60 0.00	19.64 0.75 0.00	17.76 0.49 0.00	14.66 0.57 0.00	16.57 0.66 0.00	18.72 0.87 0.00	19.32 0.92 0.00	20.92 1.08 0.00	22.37 1.23 0.00	26.21 1.50 0.00	27.09 1.61 0.00	26.58 1.57 0.00	31.01 1.88 0.00	32.76 2.04 0.00	33.31 2.10 0.00	31.91 2.03 0.00	31.99 2.06 0.00	32.04 2.09 0.00	27.02 1.78 0.00	27.08 1.73 0.00	28.80 1.86 0.00
E_CANADA_MHWK_HY 24050	15.81 0.06 0.00	17.49 0.02 0.00	9.30 -0.01 0.00	15.03 -0.05 0.00	18.78 -0.11 0.00	17.12 -0.15 0.00	13.97 -0.11 0.00	15.84 -0.06 0.00	17.83 -0.03 0.00	18.37 -0.02 0.00	19.82 -0.02 0.00	21.13 -0.01 0.00	24.78 0.07 0.00	25.53 0.05 0.00	25.04 0.03 0.00	29.20 0.07 0.00	30.90 0.18 0.00	31.64 0.42 0.00	30.27 0.40 0.00	30.38 0.46 0.00	30.42 0.46 0.00	25.50 0.26 0.00	25.46 0.11 0.00	26.88 -0.06 0.00
E_FISHKILL__LBMP 23776	16.58 0.84 0.00	18.38 0.91 0.00	9.79 0.48 0.00	15.85 0.78 0.00	19.86 0.97 0.00	18.12 0.86 0.00	14.79 0.71 0.00	16.73 0.82 0.00	18.77 0.92 0.00	19.34 0.95 0.00	20.91 1.06 0.00	22.24 1.09 0.00	25.94 1.23 0.00	26.74 1.26 0.00	26.23 1.23 0.00	30.59 1.46 0.00	32.28 1.57 0.00	32.98 1.76 0.00	31.59 1.71 0.00	31.60 1.67 0.00	31.63 1.68 0.00	26.57 1.33 0.00	26.64 1.29 0.00	28.15 1.21 0.00
FALCON__SEABRD_CC1 323796	15.93 0.18 0.00	17.51 0.04 0.00	9.26 -0.05 0.00	14.98 -0.09 0.00	18.84 -0.05 0.00	17.48 0.21 0.00	14.34 0.26 0.00	16.32 0.41 0.00	17.99 0.14 0.00	18.52 0.12 0.00	20.18 0.34 0.00	21.52 0.37 0.00	25.28 0.57 0.00	26.03 0.54 0.00	25.54 0.53 0.00	29.86 0.73 0.00	31.61 0.89 0.00	32.34 1.13 0.00	30.77 0.89 0.00	30.87 0.94 0.00	30.90 0.95 0.00	25.80 0.56 0.00	25.83 0.48 0.00	27.69 0.75 0.00

FALCON___SEABRD_CC2 323797	15.93 0.18 0.00	17.51 0.04 0.00	9.26 -0.05 0.00	14.98 -0.09 0.00	18.84 -0.05 0.00	17.48 0.21 0.00	14.34 0.26 0.00	16.32 0.41 0.00	17.99 0.14 0.00	18.52 0.12 0.00	20.18 0.34 0.00	21.52 0.37 0.00	25.28 0.57 0.00	26.03 0.54 0.00	25.54 0.53 0.00	29.86 0.73 0.00	31.61 0.89 0.00	32.34 1.13 0.00	30.77 0.89 0.00	30.87 0.94 0.00	30.90 0.95 0.00	25.80 0.56 0.00	25.83 0.48 0.00	27.69 0.75 0.00
FAR ROCKAWAY___4 23548	17.00 1.26 0.00	18.79 1.32 0.00	9.99 0.68 0.00	16.13 1.06 0.00	20.16 1.27 0.00	18.40 1.13 0.00	15.10 1.02 0.00	17.06 1.15 0.00	19.19 1.34 0.00	21.32 1.46 -1.47	32.68 1.71 -11.12	31.18 1.69 -8.35	47.62 1.91 -20.99	46.07 2.02 -18.56	36.65 2.05 -9.60	37.93 2.41 -6.39	34.36 2.28 -1.37	33.93 2.67 -0.04	32.26 2.38 0.00	32.21 2.28 0.00	32.23 2.28 0.00	27.09 1.85 0.00	27.34 1.96 -0.03	28.78 1.84 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	16.75 1.00 0.00	18.55 1.08 0.00	9.87 0.56 0.00	15.99 0.91 0.00	20.05 1.16 0.00	18.27 1.00 0.00	14.92 0.84 0.00	16.91 1.01 0.00	18.98 1.12 0.00	19.55 1.16 0.00	21.14 1.30 0.00	22.50 1.35 0.00	26.23 1.52 0.00	27.04 1.55 0.00	26.53 1.52 0.00	30.92 1.79 0.00	32.61 1.89 0.00	33.32 2.10 0.00	31.92 2.04 0.00	31.92 1.99 0.00	31.95 1.99 0.00	26.83 1.59 0.00	26.91 1.56 0.00	28.45 1.50 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	16.76 1.01 0.00	18.56 1.09 0.00	9.88 0.57 0.00	15.99 0.92 0.00	20.07 1.18 0.00	18.28 1.01 0.00	14.93 0.85 0.00	16.92 1.02 0.00	18.98 1.13 0.00	19.57 1.17 0.00	21.16 1.32 0.00	22.51 1.36 0.00	26.25 1.53 0.00	27.06 1.57 0.00	26.55 1.54 0.00	30.95 1.82 0.00	32.64 1.92 0.00	33.34 2.12 0.00	31.95 2.07 0.00	31.95 2.02 0.00	31.97 2.01 0.00	26.85 1.61 0.00	26.93 1.58 0.00	28.47 1.53 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	16.74 0.99 0.00	18.55 1.07 0.00	9.87 0.56 0.00	15.98 0.91 0.00	20.05 1.16 0.00	18.27 0.99 0.00	14.92 0.84 0.00	16.90 1.00 0.00	18.96 1.11 0.00	19.55 1.15 0.00	21.14 1.29 0.00	22.49 1.34 0.00	26.22 1.51 0.00	27.03 1.54 0.00	26.52 1.51 0.00	30.91 1.78 0.00	32.60 1.88 0.00	33.30 2.09 0.00	31.91 2.03 0.00	31.91 1.98 0.00	31.93 1.98 0.00	26.82 1.58 0.00	26.90 1.55 0.00	28.44 1.50 0.00
FARRAGUT___LBMP 323566	16.73 0.99 0.00	18.53 1.06 0.00	9.86 0.56 0.00	15.98 0.91 0.00	20.04 1.15 0.00	18.26 0.98 0.00	14.91 0.82 0.00	16.89 0.99 0.00	18.96 1.11 0.00	19.53 1.14 0.00	21.12 1.28 0.00	22.48 1.33 0.00	26.20 1.49 0.00	27.01 1.52 0.00	26.50 1.50 0.00	30.89 1.76 0.00	32.58 1.87 0.00	33.28 2.07 0.00	31.89 2.01 0.00	31.89 1.96 0.00	31.91 1.96 0.00	26.80 1.57 0.00	26.88 1.53 0.00	28.42 1.48 0.00
FENNER___WINDPWR 24204	15.94 0.19 0.00	17.63 0.16 0.00	9.37 0.06 0.00	15.20 0.13 0.00	19.04 0.15 0.00	17.40 0.13 0.00	14.20 0.12 0.00	16.04 0.14 0.00	18.06 0.20 0.00	18.62 0.23 0.00	20.12 0.27 0.00	21.45 0.31 0.00	25.05 0.34 0.00	25.84 0.36 0.00	25.40 0.39 0.00	29.62 0.50 0.00	31.32 0.61 0.00	31.89 0.67 0.00	30.57 0.70 0.00	30.69 0.76 0.00	30.70 0.75 0.00	25.84 0.61 0.00	25.90 0.55 0.00	27.52 0.58 0.00
FIBERTEK___ENERGY 23856	15.67 -0.08 0.00	17.38 -0.09 0.00	9.26 -0.04 0.00	15.00 -0.08 0.00	18.80 -0.09 0.00	17.19 -0.08 0.00	14.02 -0.06 0.00	15.84 -0.07 0.00	17.81 -0.04 0.00	18.36 -0.03 0.00	19.83 -0.02 0.00	21.14 -0.01 0.00	24.72 0.01 0.00	25.51 0.03 0.00	25.01 0.01 0.00	29.10 -0.03 0.00	30.67 -0.05 0.00	31.25 0.03 0.00	29.94 0.07 0.00	30.02 0.08 0.00	30.04 0.08 0.00	25.29 0.06 0.00	25.38 0.02 0.00	27.03 0.09 0.00
FITZPATRICK____ 23598	15.33 -0.42 0.00	17.01 -0.46 0.00	9.06 -0.25 0.00	14.67 -0.40 0.00	18.39 -0.50 0.00	16.81 -0.45 0.00	13.72 -0.37 0.00	15.48 -0.42 0.00	17.41 -0.45 0.00	17.94 -0.46 0.00	19.36 -0.48 0.00	20.64 -0.51 0.00	24.12 -0.59 0.00	24.89 -0.60 0.00	24.40 -0.61 0.00	28.38 -0.75 0.00	29.90 -0.81 0.00	30.43 -0.79 0.00	29.14 -0.74 0.00	29.20 -0.73 0.00	29.23 -0.72 0.00	24.63 -0.61 0.00	24.73 -0.62 0.00	26.35 -0.59 0.00
FLOWRFLD_69_KV_BK1 356044	17.06 1.31 0.00	18.85 1.38 0.00	10.05 0.74 0.00	16.21 1.14 0.00	20.23 1.34 0.00	18.44 1.17 0.00	15.19 1.11 0.00	17.16 1.25 0.00	19.26 1.41 0.00	21.47 1.58 -1.50	22.16 1.72 -0.59	22.67 1.69 0.17	27.69 1.86 -1.12	28.42 1.95 -0.99	27.49 1.98 -0.51	31.81 2.34 -0.33	33.15 2.37 -0.07	33.81 2.59 0.00	32.11 2.24 0.00	31.91 1.98 0.00	31.92 1.97 0.00	26.89 1.65 0.00	27.24 1.89 0.00	28.67 1.73 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	16.82 1.08 0.00	18.64 1.16 0.00	9.93 0.62 0.00	16.06 0.99 0.00	20.13 1.25 0.00	18.38 1.11 0.00	15.01 0.92 0.00	16.98 1.08 0.00	19.10 1.25 0.00	19.69 1.30 0.00	21.30 1.46 0.00	22.68 1.54 0.00	26.47 1.76 0.00	27.29 1.80 0.00	26.76 1.75 0.00	31.20 2.07 0.00	32.94 2.23 0.00	33.66 2.44 0.00	32.26 2.38 0.00	32.29 2.36 0.00	32.31 2.36 0.00	27.12 1.88 0.00	27.14 1.79 0.00	28.67 1.73 0.00
FORT ORANGE____ 23900	16.30 0.56 0.00	18.09 0.61 0.00	9.66 0.35 0.00	15.62 0.54 0.00	19.53 0.64 0.00	17.83 0.56 0.00	14.54 0.45 0.00	16.41 0.50 0.00	18.32 0.47 0.00	18.86 0.46 0.00	20.17 0.32 0.00	21.48 0.33 0.00	25.07 0.36 0.00	25.83 0.34 0.00	25.35 0.34 0.00	29.53 0.41 0.00	31.20 0.49 0.00	31.80 0.58 0.00	30.48 0.60 0.00	30.52 0.59 0.00	30.54 0.59 0.00	25.66 0.42 0.00	25.73 0.38 0.00	27.41 0.47 0.00
FORT_DRUM_COGEN 23780	15.34 -0.41 0.00	16.91 -0.57 0.00	8.98 -0.33 0.00	14.60 -0.47 0.00	18.27 -0.62 0.00	16.89 -0.38 0.00	13.81 -0.27 0.00	15.55 -0.36 0.00	17.49 -0.37 0.00	18.03 -0.36 0.00	19.68 -0.16 0.00	20.85 -0.30 0.00	24.32 -0.39 0.00	25.28 -0.20 0.00	24.92 -0.08 0.00	29.04 -0.09 0.00	30.70 -0.02 0.00	31.22 0.00 0.00	30.14 0.27 0.00	30.21 0.28 0.00	30.40 0.45 0.00	25.55 0.31 0.00	25.83 0.47 0.00	27.37 0.43 0.00
FOX_HILLS___ESR 323835	16.77 1.02 0.00	18.57 1.09 0.00	9.89 0.58 0.00	16.01 0.93 0.00	20.07 1.18 0.00	18.28 1.01 0.00	14.93 0.85 0.00	16.93 1.02 0.00	18.99 1.14 0.00	19.55 1.16 0.00	21.17 1.32 0.00	22.52 1.37 0.00	26.25 1.54 0.00	27.06 1.57 0.00	26.56 1.55 0.00	30.95 1.82 0.00	32.62 1.90 0.00	33.31 2.10 0.00	31.93 2.05 0.00	31.94 2.01 0.00	31.99 2.04 0.00	26.90 1.66 0.00	26.98 1.63 0.00	28.51 1.57 0.00
FPL FAR_ROCK_GT1 24212	17.00 1.26 0.00	18.79 1.31 0.00	9.99 0.68 0.00	16.13 1.06 0.00	20.16 1.28 0.00	18.40 1.13 0.00	15.10 1.02 0.00	17.07 1.16 0.00	19.19 1.34 0.00	21.32 1.46 -1.47	32.68 1.72 -11.12	31.18 1.69 -8.35	47.62 1.92 -20.99	46.08 2.03 -18.56	36.66 2.05 -9.60	37.93 2.41 -6.39	34.40 2.31 -1.37	33.93 2.68 -0.04	32.26 2.38 0.00	32.21 2.28 0.00	32.23 2.28 0.00	27.09 1.85 0.00	27.34 1.95 -0.03	28.78 1.84 0.00

FPL FAR_ROCK_GT2 23815	17.00 1.26 0.00	18.79 1.31 0.00	9.99 0.68 0.00	16.13 1.06 0.00	20.16 1.28 0.00	18.40 1.13 0.00	15.10 1.02 0.00	17.07 1.16 0.00	19.19 1.34 0.00	21.32 1.46 -1.47	32.68 1.72 -11.12	31.18 1.69 -8.35	47.62 1.92 -20.99	46.08 2.03 -18.56	36.66 2.05 -9.60	37.93 2.41 -6.39	34.40 2.31 -1.37	33.93 2.68 -0.04	32.26 2.38 0.00	32.21 2.28 0.00	32.23 2.28 0.00	27.09 1.85 0.00	27.34 1.95 -0.03	28.78 1.84 0.00
FRANKLIN_FALL_HYD 24054	15.75 0.00 0.00	17.39 -0.09 0.00	9.20 -0.11 0.00	14.92 -0.16 0.00	18.80 -0.09 0.00	17.38 0.11 0.00	14.22 0.13 0.00	16.10 0.20 0.00	17.92 0.06 0.00	18.45 0.06 0.00	19.96 0.12 0.00	21.24 0.09 0.00	24.88 0.16 0.00	25.60 0.11 0.00	25.16 0.16 0.00	29.33 0.20 0.00	30.98 0.26 0.00	31.54 0.32 0.00	30.08 0.20 0.00	30.14 0.20 0.00	30.17 0.21 0.00	25.41 0.17 0.00	25.57 0.22 0.00	27.28 0.34 0.00
FREEPORT_EQUS_GT1 23764	16.91 1.16 0.00	18.70 1.22 0.00	9.94 0.63 0.00	16.04 0.97 0.00	20.06 1.17 0.00	18.29 1.02 0.00	15.02 0.93 0.00	16.99 1.08 0.00	19.08 1.23 0.00	21.22 1.36 -1.47	25.21 1.58 -3.79	25.15 1.58 -2.42	33.62 1.75 -7.16	33.63 1.82 -6.33	30.12 1.85 -3.27	33.48 2.17 -2.18	33.42 2.24 -0.47	33.65 2.42 -0.01	32.03 2.15 0.00	31.96 2.03 0.00	31.97 2.02 0.00	26.89 1.65 0.00	27.14 1.78 -0.01	28.59 1.64 0.00
FREEPORT___CT2 23818	16.91 1.16 0.00	18.70 1.22 0.00	9.94 0.63 0.00	16.04 0.97 0.00	20.06 1.17 0.00	18.29 1.02 0.00	15.02 0.93 0.00	16.99 1.08 0.00	19.08 1.23 0.00	21.22 1.36 -1.47	25.21 1.58 -3.79	25.15 1.58 -2.42	33.62 1.75 -7.16	33.63 1.82 -6.33	30.12 1.85 -3.27	33.48 2.17 -2.18	33.42 2.24 -0.47	33.65 2.42 -0.01	32.03 2.15 0.00	31.96 2.03 0.00	31.97 2.02 0.00	26.89 1.65 0.00	27.14 1.78 -0.01	28.59 1.64 0.00
FRESHKLS_33_KV_LOAD 356253	16.77 1.02 0.00	18.57 1.10 0.00	9.89 0.58 0.00	16.01 0.94 0.00	20.08 1.19 0.00	18.29 1.02 0.00	14.95 0.86 0.00	16.94 1.03 0.00	19.01 1.15 0.00	19.56 1.16 0.00	21.17 1.32 0.00	22.51 1.37 0.00	26.24 1.52 0.00	27.05 1.56 0.00	26.54 1.53 0.00	30.93 1.80 0.00	32.59 1.87 0.00	33.29 2.08 0.00	31.90 2.03 0.00	31.92 1.99 0.00	31.98 2.02 0.00	26.90 1.66 0.00	26.98 1.63 0.00	28.51 1.57 0.00
FULTON COGEN____ 23766	15.49 -0.25 0.00	17.19 -0.29 0.00	9.16 -0.15 0.00	14.83 -0.24 0.00	18.58 -0.31 0.00	16.98 -0.29 0.00	13.86 -0.23 0.00	15.65 -0.25 0.00	17.59 -0.26 0.00	18.13 -0.26 0.00	19.59 -0.26 0.00	20.89 -0.26 0.00	24.42 -0.29 0.00	25.20 -0.29 0.00	24.71 -0.30 0.00	28.75 -0.38 0.00	30.28 -0.44 0.00	30.83 -0.38 0.00	29.54 -0.33 0.00	29.63 -0.30 0.00	29.65 -0.31 0.00	24.98 -0.26 0.00	25.05 -0.30 0.00	26.68 -0.26 0.00
FULTON___LFGE 323630	17.23 1.48 0.00	19.01 1.54 0.00	10.10 0.79 0.00	16.34 1.26 0.00	20.48 1.59 0.00	18.35 1.08 0.00	15.34 1.25 0.00	17.42 1.51 0.00	19.76 1.90 0.00	20.39 1.99 0.00	22.07 2.22 0.00	23.54 2.39 0.00	27.72 3.01 0.00	28.61 3.12 0.00	27.94 2.94 0.00	32.73 3.61 0.00	34.74 4.03 0.00	35.55 4.34 0.00	34.03 4.15 0.00	34.20 4.27 0.00	34.24 4.28 0.00	28.75 3.51 0.00	28.70 3.35 0.00	30.39 3.45 0.00
G.F.CEMENT___DRP 24184	16.48 0.73 0.00	18.25 0.77 0.00	9.69 0.39 0.00	15.69 0.61 0.00	19.65 0.76 0.00	17.98 0.71 0.00	14.65 0.57 0.00	16.58 0.68 0.00	18.60 0.74 0.00	19.22 0.82 0.00	20.78 0.94 0.00	22.12 0.97 0.00	25.80 1.08 0.00	26.55 1.06 0.00	26.07 1.06 0.00	30.45 1.32 0.00	32.25 1.53 0.00	32.85 1.63 0.00	31.49 1.61 0.00	31.47 1.54 0.00	31.42 1.46 0.00	26.34 1.10 0.00	26.26 0.91 0.00	27.68 0.74 0.00
GARDENVILLE___LBMP 24039	15.27 -0.48 0.00	16.97 -0.51 0.00	9.04 -0.27 0.00	14.67 -0.40 0.00	18.42 -0.47 0.00	16.86 -0.41 0.00	13.77 -0.31 0.00	15.44 -0.47 0.00	17.43 -0.42 0.00	17.97 -0.42 0.00	19.41 -0.44 0.00	20.78 -0.37 0.00	24.38 -0.33 0.00	25.23 -0.26 0.00	24.81 -0.20 0.00	28.90 -0.23 0.00	30.32 -0.40 0.00	30.70 -0.52 0.00	29.26 -0.62 0.00	29.43 -0.51 0.00	29.43 -0.52 0.00	25.05 -0.19 0.00	25.20 -0.16 0.00	27.12 0.17 0.00
GARDNVLA_35_KV_LD 355827	15.35 -0.40 0.00	17.05 -0.42 0.00	9.08 -0.23 0.00	14.74 -0.33 0.00	18.50 -0.39 0.00	16.93 -0.34 0.00	13.83 -0.25 0.00	15.51 -0.39 0.00	17.51 -0.34 0.00	18.07 -0.33 0.00	19.51 -0.34 0.00	20.89 -0.25 0.00	24.51 -0.21 0.00	25.36 -0.13 0.00	24.93 -0.07 0.00	29.05 -0.08 0.00	30.47 -0.24 0.00	30.83 -0.38 0.00	29.39 -0.48 0.00	29.56 -0.37 0.00	29.56 -0.39 0.00	25.17 -0.07 0.00	25.30 -0.06 0.00	27.22 0.28 0.00
GELCKHM__115KV_LOAD 80723	15.58 -0.17 0.00	17.28 -0.19 0.00	9.21 -0.10 0.00	14.91 -0.16 0.00	18.69 -0.20 0.00	17.09 -0.18 0.00	13.94 -0.15 0.00	15.74 -0.16 0.00	17.70 -0.15 0.00	18.24 -0.16 0.00	19.70 -0.15 0.00	21.00 -0.14 0.00	24.55 -0.16 0.00	25.33 -0.15 0.00	24.84 -0.16 0.00	28.91 -0.22 0.00	30.46 -0.25 0.00	31.02 -0.20 0.00	29.71 -0.16 0.00	29.78 -0.15 0.00	29.81 -0.15 0.00	25.11 -0.13 0.00	25.20 -0.15 0.00	26.84 -0.10 0.00
GENERAL___MILLS 23808	15.33 -0.42 0.00	17.03 -0.44 0.00	9.07 -0.24 0.00	14.73 -0.34 0.00	18.48 -0.40 0.00	16.91 -0.35 0.00	13.82 -0.27 0.00	15.50 -0.41 0.00	17.49 -0.36 0.00	18.04 -0.35 0.00	19.48 -0.36 0.00	20.85 -0.29 0.00	24.47 -0.25 0.00	25.31 -0.17 0.00	24.89 -0.11 0.00	29.00 -0.13 0.00	30.42 -0.30 0.00	30.79 -0.43 0.00	29.34 -0.53 0.00	29.51 -0.42 0.00	29.52 -0.44 0.00	25.12 -0.11 0.00	25.27 -0.08 0.00	27.18 0.24 0.00
GE_PLASTICS___DRP 24183	16.22 0.47 0.00	18.00 0.53 0.00	9.61 0.30 0.00	15.54 0.46 0.00	19.44 0.55 0.00	17.76 0.49 0.00	14.47 0.39 0.00	16.34 0.43 0.00	18.27 0.41 0.00	18.80 0.41 0.00	20.18 0.33 0.00	21.48 0.34 0.00	25.07 0.36 0.00	25.84 0.36 0.00	25.36 0.35 0.00	29.55 0.42 0.00	31.20 0.48 0.00	31.79 0.57 0.00	30.46 0.58 0.00	30.49 0.57 0.00	30.51 0.56 0.00	25.65 0.41 0.00	25.74 0.39 0.00	27.38 0.44 0.00
GILBOA___1 23756	16.21 0.46 0.00	18.04 0.57 0.00	9.62 0.31 0.00	15.57 0.50 0.00	19.50 0.61 0.00	17.79 0.52 0.00	14.47 0.39 0.00	16.35 0.45 0.00	18.35 0.49 0.00	18.90 0.51 0.00	20.39 0.54 0.00	21.71 0.56 0.00	25.34 0.63 0.00	26.13 0.64 0.00	25.63 0.63 0.00	29.88 0.75 0.00	31.54 0.82 0.00	32.14 0.92 0.00	30.79 0.91 0.00	30.83 0.90 0.00	30.86 0.91 0.00	25.96 0.72 0.00	26.03 0.68 0.00	27.61 0.67 0.00
GILBOA___2 23757	16.21 0.46 0.00	18.04 0.57 0.00	9.62 0.31 0.00	15.57 0.50 0.00	19.50 0.61 0.00	17.79 0.52 0.00	14.47 0.39 0.00	16.35 0.45 0.00	18.35 0.49 0.00	18.90 0.51 0.00	20.39 0.54 0.00	21.71 0.56 0.00	25.34 0.63 0.00	26.13 0.64 0.00	25.63 0.63 0.00	29.88 0.75 0.00	31.54 0.82 0.00	32.14 0.92 0.00	30.79 0.91 0.00	30.83 0.90 0.00	30.86 0.91 0.00	25.96 0.72 0.00	26.03 0.68 0.00	27.61 0.67 0.00

GILBOA___3 23758	16.21 0.46 0.00	18.04 0.57 0.00	9.62 0.31 0.00	15.57 0.50 0.00	19.50 0.61 0.00	17.79 0.52 0.00	14.47 0.39 0.00	16.35 0.45 0.00	18.35 0.49 0.00	18.90 0.51 0.00	20.39 0.54 0.00	21.71 0.56 0.00	25.34 0.63 0.00	26.13 0.64 0.00	25.63 0.63 0.00	29.88 0.75 0.00	31.54 0.82 0.00	32.14 0.92 0.00	30.79 0.91 0.00	30.83 0.90 0.00	30.86 0.91 0.00	25.96 0.72 0.00	26.03 0.68 0.00	27.61 0.67 0.00
GILBOA___4 23759	16.21 0.46 0.00	18.04 0.57 0.00	9.62 0.31 0.00	15.57 0.50 0.00	19.50 0.61 0.00	17.79 0.52 0.00	14.47 0.39 0.00	16.35 0.45 0.00	18.35 0.49 0.00	18.90 0.51 0.00	20.39 0.54 0.00	21.71 0.56 0.00	25.34 0.63 0.00	26.13 0.64 0.00	25.63 0.63 0.00	29.88 0.75 0.00	31.54 0.82 0.00	32.14 0.92 0.00	30.79 0.91 0.00	30.83 0.90 0.00	30.86 0.91 0.00	25.96 0.72 0.00	26.03 0.68 0.00	27.61 0.67 0.00
GILBOA___ 23599	16.21 0.46 0.00	18.04 0.56 0.00	9.62 0.31 0.00	15.57 0.50 0.00	19.50 0.61 0.00	17.79 0.52 0.00	14.47 0.39 0.00	16.35 0.45 0.00	18.35 0.49 0.00	18.90 0.51 0.00	20.39 0.54 0.00	21.71 0.56 0.00	25.34 0.63 0.00	26.13 0.64 0.00	25.63 0.63 0.00	29.88 0.76 0.00	31.54 0.82 0.00	32.14 0.92 0.00	30.79 0.91 0.00	30.83 0.90 0.00	30.86 0.91 0.00	25.96 0.72 0.00	26.03 0.68 0.00	27.61 0.67 0.00
GINNA___ 23603	14.75 -0.99 0.00	16.38 -1.10 0.00	8.72 -0.59 0.00	14.12 -0.95 0.00	17.73 -1.16 0.00	16.21 -1.06 0.00	13.24 -0.84 0.00	14.90 -1.00 0.00	16.83 -1.03 0.00	17.36 -1.03 0.00	18.74 -1.11 0.00	20.00 -1.15 0.00	23.42 -1.29 0.00	24.15 -1.34 0.00	23.70 -1.30 0.00	27.56 -1.57 0.00	28.98 -1.73 0.00	29.46 -1.76 0.00	28.15 -1.72 0.00	28.26 -1.67 0.00	28.29 -1.67 0.00	23.90 -1.34 0.00	23.96 -1.39 0.00	25.61 -1.33 0.00
GLEN PARK___ 23778	15.40 -0.35 0.00	16.96 -0.52 0.00	9.01 -0.29 0.00	14.66 -0.41 0.00	18.34 -0.55 0.00	16.94 -0.33 0.00	13.85 -0.23 0.00	15.61 -0.29 0.00	17.57 -0.29 0.00	18.12 -0.28 0.00	19.79 -0.05 0.00	20.96 -0.18 0.00	24.46 -0.26 0.00	25.43 -0.06 0.00	25.03 0.02 0.00	29.15 0.02 0.00	30.84 0.12 0.00	31.36 0.15 0.00	30.28 0.41 0.00	30.36 0.43 0.00	30.54 0.59 0.00	25.67 0.44 0.00	25.92 0.57 0.00	27.47 0.53 0.00
GLENDALE_27_KV_LOAD 356172	16.79 1.05 0.00	18.60 1.13 0.00	9.90 0.59 0.00	16.03 0.96 0.00	20.11 1.22 0.00	18.32 1.05 0.00	14.95 0.86 0.00	16.95 1.05 0.00	19.02 1.17 0.00	19.59 1.20 0.00	21.20 1.36 0.00	22.56 1.42 0.00	26.30 1.58 0.00	27.12 1.63 0.00	26.61 1.60 0.00	31.01 1.88 0.00	32.71 1.99 0.00	33.42 2.20 0.00	32.01 2.13 0.00	32.02 2.09 0.00	32.05 2.10 0.00	26.92 1.69 0.00	26.99 1.64 0.00	28.52 1.58 0.00
GLENWOOD_IC_1_G5 23712	16.83 1.09 0.00	18.63 1.16 0.00	9.91 0.60 0.00	16.02 0.94 0.00	20.05 1.16 0.00	18.28 1.01 0.00	14.98 0.90 0.00	16.94 1.04 0.00	19.04 1.19 0.00	21.12 1.26 -1.47	23.85 1.46 -2.55	24.05 1.48 -1.42	31.19 1.65 -4.82	31.47 1.71 -4.27	28.92 1.71 -2.20	32.62 2.02 -1.46	33.11 2.08 -0.31	33.51 2.29 -0.01	32.00 2.12 0.00	31.96 2.03 0.00	31.98 2.03 0.00	26.87 1.63 0.00	27.03 1.68 -0.01	28.52 1.58 0.00
GLENWOOD_IC_2_G1 23688	16.77 1.02 0.00	18.56 1.08 0.00	9.88 0.57 0.00	15.97 0.90 0.00	20.00 1.11 0.00	18.24 0.97 0.00	14.93 0.85 0.00	16.89 0.99 0.00	18.97 1.11 0.00	21.04 1.18 -1.47	22.42 1.35 -1.22	22.86 1.38 -0.34	28.55 1.53 -2.30	29.11 1.58 -2.04	27.63 1.57 -1.05	31.68 1.86 -0.70	32.80 1.94 -0.15	33.36 2.14 0.00	31.88 2.00 0.00	31.85 1.92 0.00	31.88 1.92 0.00	26.78 1.55 0.00	26.91 1.56 0.00	28.41 1.47 0.00
GLENWOOD_IC_3_G1 23689	16.77 1.02 0.00	18.56 1.08 0.00	9.88 0.57 0.00	15.97 0.90 0.00	20.00 1.11 0.00	18.24 0.97 0.00	14.93 0.85 0.00	16.89 0.99 0.00	18.97 1.11 0.00	21.04 1.18 -1.47	22.42 1.35 -1.22	22.86 1.38 -0.34	28.55 1.53 -2.30	29.11 1.58 -2.04	27.63 1.57 -1.05	31.68 1.86 -0.70	32.80 1.94 -0.15	33.36 2.14 0.00	31.88 2.00 0.00	31.85 1.92 0.00	31.88 1.92 0.00	26.78 1.55 0.00	26.91 1.56 0.00	28.41 1.47 0.00
GLENWOOD___4 23550	16.83 1.09 0.00	18.63 1.16 0.00	9.91 0.60 0.00	16.02 0.94 0.00	20.05 1.16 0.00	18.28 1.01 0.00	14.98 0.90 0.00	16.94 1.04 0.00	19.04 1.19 0.00	21.12 1.26 -1.47	23.85 1.46 -2.55	24.05 1.48 -1.42	31.19 1.65 -4.82	31.47 1.71 -4.27	28.92 1.71 -2.20	32.62 2.02 -1.46	33.11 2.08 -0.31	33.51 2.29 -0.01	32.00 2.12 0.00	31.96 2.03 0.00	31.98 2.03 0.00	26.87 1.63 0.00	27.03 1.68 -0.01	28.52 1.58 0.00
GLENWOOD___5 23614	16.83 1.09 0.00	18.63 1.16 0.00	9.91 0.60 0.00	16.02 0.94 0.00	20.05 1.16 0.00	18.28 1.01 0.00	14.98 0.90 0.00	16.94 1.04 0.00	19.04 1.19 0.00	21.12 1.26 -1.47	23.85 1.46 -2.55	24.05 1.48 -1.42	31.19 1.65 -4.82	31.47 1.71 -4.27	28.92 1.71 -2.20	32.62 2.02 -1.46	33.11 2.08 -0.31	33.51 2.29 -0.01	32.00 2.12 0.00	31.96 2.03 0.00	31.98 2.03 0.00	26.87 1.63 0.00	27.03 1.68 -0.01	28.52 1.58 0.00
GLOBAL GREEN_PORT_GT1 23814	17.45 1.71 0.00	19.26 1.78 0.00	10.26 0.96 0.00	16.58 1.51 0.00	20.75 1.86 0.00	18.89 1.62 0.00	15.54 1.45 0.00	17.60 1.70 0.00	19.74 1.88 0.00	21.94 2.05 -1.49	22.43 2.03 -0.56	22.96 2.00 0.19	28.06 2.30 -1.06	28.77 2.35 -0.93	27.83 2.35 -0.48	32.30 2.86 -0.31	33.77 2.99 -0.07	34.27 3.06 0.00	32.54 2.67 0.00	32.17 2.24 0.00	32.15 2.20 0.00	27.04 1.80 0.00	27.33 1.98 0.00	28.77 1.84 0.00
GLOBE___DSASP 323697	14.89 -0.86 0.00	16.56 -0.92 0.00	8.83 -0.48 0.00	14.31 -0.76 0.00	17.97 -0.91 0.00	16.43 -0.84 0.00	13.44 -0.64 0.00	15.01 -0.90 0.00	16.96 -0.90 0.00	17.52 -0.88 0.00	18.91 -0.93 0.00	20.23 -0.92 0.00	23.69 -1.02 0.00	24.47 -1.01 0.00	24.03 -0.97 0.00	27.95 -1.18 0.00	29.24 -1.48 0.00	29.46 -1.76 0.00	28.04 -1.84 0.00	28.18 -1.75 0.00	28.22 -1.74 0.00	24.06 -1.18 0.00	24.20 -1.15 0.00	26.18 -0.76 0.00
GOETHSLN___LBMP 323567	16.67 0.92 0.00	18.47 0.99 0.00	9.83 0.52 0.00	15.91 0.84 0.00	19.97 1.08 0.00	18.19 0.92 0.00	14.85 0.77 0.00	16.83 0.93 0.00	18.88 1.03 0.00	19.45 1.06 0.00	21.04 1.19 0.00	22.38 1.23 0.00	26.10 1.39 0.00	26.91 1.42 0.00	26.39 1.39 0.00	30.76 1.63 0.00	32.44 1.72 0.00	33.14 1.92 0.00	31.76 1.88 0.00	31.77 1.84 0.00	31.81 1.85 0.00	26.71 1.48 0.00	26.79 1.43 0.00	28.33 1.39 0.00
GOLAH___69_KV_TB 1_2 80279	15.49 -0.26 0.00	17.20 -0.27 0.00	9.16 -0.15 0.00	14.85 -0.23 0.00	18.63 -0.25 0.00	17.04 -0.23 0.00	13.92 -0.16 0.00	15.65 -0.26 0.00	17.67 -0.18 0.00	18.24 -0.16 0.00	19.66 -0.19 0.00	20.98 -0.17 0.00	24.60 -0.12 0.00	25.37 -0.11 0.00	24.90 -0.11 0.00	28.95 -0.17 0.00	30.45 -0.26 0.00	30.89 -0.33 0.00	29.51 -0.37 0.00	29.65 -0.27 0.00	29.70 -0.25 0.00	25.16 -0.08 0.00	25.23 -0.12 0.00	27.02 0.08 0.00

GOODYEAR_LAKE_HYD 323669	16.22 0.47 0.00	17.99 0.52 0.00	9.58 0.27 0.00	15.51 0.43 0.00	19.44 0.55 0.00	17.73 0.46 0.00	14.50 0.41 0.00	16.40 0.50 0.00	18.48 0.63 0.00	19.05 0.66 0.00	20.61 0.77 0.00	21.99 0.85 0.00	25.71 0.99 0.00	26.55 1.06 0.00	26.05 1.05 0.00	30.37 1.24 0.00	32.09 1.38 0.00	32.74 1.53 0.00	31.37 1.49 0.00	31.45 1.52 0.00	31.47 1.52 0.00	26.49 1.25 0.00	26.57 1.21 0.00	28.19 1.25 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	15.80 0.06 0.00	17.55 0.07 0.00	9.35 0.04 0.00	15.16 0.09 0.00	19.00 0.11 0.00	17.38 0.12 0.00	14.18 0.09 0.00	16.04 0.14 0.00	18.02 0.17 0.00	18.53 0.13 0.00	19.99 0.15 0.00	21.33 0.18 0.00	24.92 0.21 0.00	25.76 0.27 0.00	25.27 0.26 0.00	29.46 0.33 0.00	31.06 0.34 0.00	31.70 0.48 0.00	30.34 0.46 0.00	30.46 0.53 0.00	30.43 0.47 0.00	25.66 0.42 0.00	25.80 0.45 0.00	27.49 0.54 0.00
GOUDEY___7 23579	15.82 0.07 0.00	17.57 0.09 0.00	9.35 0.05 0.00	15.17 0.10 0.00	19.01 0.12 0.00	17.39 0.12 0.00	14.19 0.10 0.00	16.06 0.15 0.00	18.04 0.18 0.00	18.54 0.15 0.00	20.01 0.16 0.00	21.35 0.20 0.00	24.94 0.23 0.00	25.77 0.29 0.00	25.29 0.28 0.00	29.49 0.36 0.00	31.09 0.37 0.00	31.73 0.51 0.00	30.37 0.49 0.00	30.49 0.56 0.00	30.45 0.49 0.00	25.68 0.45 0.00	25.81 0.46 0.00	27.51 0.57 0.00
GOUDEY___8 23580	15.80 0.06 0.00	17.55 0.07 0.00	9.35 0.04 0.00	15.16 0.09 0.00	19.00 0.11 0.00	17.38 0.12 0.00	14.18 0.09 0.00	16.04 0.14 0.00	18.02 0.17 0.00	18.53 0.13 0.00	19.99 0.15 0.00	21.33 0.18 0.00	24.92 0.21 0.00	25.76 0.27 0.00	25.27 0.26 0.00	29.46 0.33 0.00	31.06 0.34 0.00	31.70 0.48 0.00	30.34 0.46 0.00	30.46 0.53 0.00	30.43 0.47 0.00	25.66 0.42 0.00	25.80 0.45 0.00	27.49 0.54 0.00
GOWANUS_GT1_1 24077	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.94 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.68 1.97 0.00	33.39 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
GOWANUS_GT1_2 24078	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.94 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.68 1.97 0.00	33.39 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
GOWANUS_GT1_3 24079	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.94 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.68 1.97 0.00	33.39 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
GOWANUS_GT1_4 24080	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.94 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.68 1.97 0.00	33.39 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
GOWANUS_GT1_5 24084	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.94 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.68 1.97 0.00	33.39 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
GOWANUS_GT1_6 24111	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.94 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.68 1.97 0.00	33.39 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
GOWANUS_GT1_7 24112	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.94 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.68 1.97 0.00	33.39 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
GOWANUS_GT1_8 24113	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.94 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.68 1.97 0.00	33.39 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
GOWANUS_GT2_1 24114	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.95 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.69 1.98 0.00	33.38 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
GOWANUS_GT2_2 24115	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.95 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.69 1.98 0.00	33.38 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
GOWANUS_GT2_3 24116	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.95 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.69 1.98 0.00	33.38 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00

GOWANUS_GT2_4 24117	16.78 <u>1.04</u> 0.00	18.59 <u>1.11</u> 0.00	9.89 <u>0.59</u> 0.00	16.02 <u>0.95</u> 0.00	20.09 <u>1.20</u> 0.00	18.30 <u>1.03</u> 0.00	14.94 <u>0.86</u> 0.00	16.95 <u>1.04</u> 0.00	19.01 <u>1.15</u> 0.00	19.58 <u>1.19</u> 0.00	21.19 <u>1.35</u> 0.00	22.55 <u>1.41</u> 0.00	26.29 <u>1.58</u> 0.00	27.11 <u>1.62</u> 0.00	26.60 <u>1.59</u> 0.00	31.01 <u>1.88</u> 0.00	32.69 <u>1.98</u> 0.00	33.38 <u>2.17</u> 0.00	31.98 <u>2.11</u> 0.00	32.00 <u>2.07</u> 0.00	32.04 <u>2.09</u> 0.00	26.92 <u>1.69</u> 0.00	27.00 <u>1.65</u> 0.00	28.54 <u>1.59</u> 0.00
GOWANUS_GT2_5 24118	16.78 <u>1.04</u> 0.00	18.59 <u>1.11</u> 0.00	9.89 <u>0.59</u> 0.00	16.02 <u>0.95</u> 0.00	20.09 <u>1.20</u> 0.00	18.30 <u>1.03</u> 0.00	14.94 <u>0.86</u> 0.00	16.95 <u>1.04</u> 0.00	19.01 <u>1.15</u> 0.00	19.58 <u>1.19</u> 0.00	21.19 <u>1.35</u> 0.00	22.55 <u>1.41</u> 0.00	26.29 <u>1.58</u> 0.00	27.11 <u>1.62</u> 0.00	26.60 <u>1.59</u> 0.00	31.01 <u>1.88</u> 0.00	32.69 <u>1.98</u> 0.00	33.38 <u>2.17</u> 0.00	31.98 <u>2.11</u> 0.00	32.00 <u>2.07</u> 0.00	32.04 <u>2.09</u> 0.00	26.92 <u>1.69</u> 0.00	27.00 <u>1.65</u> 0.00	28.54 <u>1.59</u> 0.00
GOWANUS_GT2_6 24119	16.78 <u>1.04</u> 0.00	18.59 <u>1.11</u> 0.00	9.89 <u>0.59</u> 0.00	16.02 <u>0.95</u> 0.00	20.09 <u>1.20</u> 0.00	18.30 <u>1.03</u> 0.00	14.94 <u>0.86</u> 0.00	16.95 <u>1.04</u> 0.00	19.01 <u>1.15</u> 0.00	19.58 <u>1.19</u> 0.00	21.19 <u>1.35</u> 0.00	22.55 <u>1.41</u> 0.00	26.29 <u>1.58</u> 0.00	27.11 <u>1.62</u> 0.00	26.60 <u>1.59</u> 0.00	31.01 <u>1.88</u> 0.00	32.69 <u>1.98</u> 0.00	33.38 <u>2.17</u> 0.00	31.98 <u>2.11</u> 0.00	32.00 <u>2.07</u> 0.00	32.04 <u>2.09</u> 0.00	26.92 <u>1.69</u> 0.00	27.00 <u>1.65</u> 0.00	28.54 <u>1.59</u> 0.00
GOWANUS_GT2_7 24120	16.78 <u>1.04</u> 0.00	18.59 <u>1.11</u> 0.00	9.89 <u>0.59</u> 0.00	16.02 <u>0.95</u> 0.00	20.09 <u>1.20</u> 0.00	18.30 <u>1.03</u> 0.00	14.94 <u>0.86</u> 0.00	16.95 <u>1.04</u> 0.00	19.01 <u>1.15</u> 0.00	19.58 <u>1.19</u> 0.00	21.19 <u>1.35</u> 0.00	22.55 <u>1.41</u> 0.00	26.29 <u>1.58</u> 0.00	27.11 <u>1.62</u> 0.00	26.60 <u>1.59</u> 0.00	31.01 <u>1.88</u> 0.00	32.69 <u>1.98</u> 0.00	33.38 <u>2.17</u> 0.00	31.98 <u>2.11</u> 0.00	32.00 <u>2.07</u> 0.00	32.04 <u>2.09</u> 0.00	26.92 <u>1.69</u> 0.00	27.00 <u>1.65</u> 0.00	28.54 <u>1.59</u> 0.00
GOWANUS_GT2_8 24121	16.78 <u>1.04</u> 0.00	18.59 <u>1.11</u> 0.00	9.89 <u>0.59</u> 0.00	16.02 <u>0.95</u> 0.00	20.09 <u>1.20</u> 0.00	18.30 <u>1.03</u> 0.00	14.94 <u>0.86</u> 0.00	16.95 <u>1.04</u> 0.00	19.01 <u>1.15</u> 0.00	19.58 <u>1.19</u> 0.00	21.19 <u>1.35</u> 0.00	22.55 <u>1.41</u> 0.00	26.29 <u>1.58</u> 0.00	27.11 <u>1.62</u> 0.00	26.60 <u>1.59</u> 0.00	31.01 <u>1.88</u> 0.00	32.69 <u>1.98</u> 0.00	33.38 <u>2.17</u> 0.00	31.98 <u>2.11</u> 0.00	32.00 <u>2.07</u> 0.00	32.04 <u>2.09</u> 0.00	26.92 <u>1.69</u> 0.00	27.00 <u>1.65</u> 0.00	28.54 <u>1.59</u> 0.00
GOWANUS_GT3_1 24122	16.78 <u>1.04</u> 0.00	18.59 <u>1.11</u> 0.00	9.89 <u>0.59</u> 0.00	16.02 <u>0.95</u> 0.00	20.09 <u>1.20</u> 0.00	18.30 <u>1.03</u> 0.00	14.94 <u>0.86</u> 0.00	16.95 <u>1.04</u> 0.00	19.01 <u>1.15</u> 0.00	19.58 <u>1.19</u> 0.00	21.19 <u>1.35</u> 0.00	22.55 <u>1.41</u> 0.00	26.29 <u>1.58</u> 0.00	27.11 <u>1.62</u> 0.00	26.60 <u>1.59</u> 0.00	31.01 <u>1.88</u> 0.00	32.69 <u>1.98</u> 0.00	33.38 <u>2.17</u> 0.00	31.98 <u>2.11</u> 0.00	32.00 <u>2.07</u> 0.00	32.04 <u>2.09</u> 0.00	26.92 <u>1.69</u> 0.00	27.00 <u>1.65</u> 0.00	28.54 <u>1.59</u> 0.00
GOWANUS_GT3_2 24123	16.78 <u>1.04</u> 0.00	18.59 <u>1.11</u> 0.00	9.89 <u>0.59</u> 0.00	16.02 <u>0.95</u> 0.00	20.09 <u>1.20</u> 0.00	18.30 <u>1.03</u> 0.00	14.94 <u>0.86</u> 0.00	16.95 <u>1.04</u> 0.00	19.01 <u>1.15</u> 0.00	19.58 <u>1.19</u> 0.00	21.19 <u>1.35</u> 0.00	22.55 <u>1.41</u> 0.00	26.29 <u>1.58</u> 0.00	27.11 <u>1.62</u> 0.00	26.60 <u>1.59</u> 0.00	31.01 <u>1.88</u> 0.00	32.69 <u>1.98</u> 0.00	33.38 <u>2.17</u> 0.00	31.98 <u>2.11</u> 0.00	32.00 <u>2.07</u> 0.00	32.04 <u>2.09</u> 0.00	26.92 <u>1.69</u> 0.00	27.00 <u>1.65</u> 0.00	28.54 <u>1.59</u> 0.00
GOWANUS_GT3_3 24124	16.78 <u>1.04</u> 0.00	18.59 <u>1.11</u> 0.00	9.89 <u>0.59</u> 0.00	16.02 <u>0.95</u> 0.00	20.09 <u>1.20</u> 0.00	18.30 <u>1.03</u> 0.00	14.94 <u>0.86</u> 0.00	16.95 <u>1.04</u> 0.00	19.01 <u>1.15</u> 0.00	19.58 <u>1.19</u> 0.00	21.19 <u>1.35</u> 0.00	22.55 <u>1.41</u> 0.00	26.29 <u>1.58</u> 0.00	27.11 <u>1.62</u> 0.00	26.60 <u>1.59</u> 0.00	31.01 <u>1.88</u> 0.00	32.69 <u>1.98</u> 0.00	33.38 <u>2.17</u> 0.00	31.98 <u>2.11</u> 0.00	32.00 <u>2.07</u> 0.00	32.04 <u>2.09</u> 0.00	26.92 <u>1.69</u> 0.00	27.00 <u>1.65</u> 0.00	28.54 <u>1.59</u> 0.00
GOWANUS_GT3_4 24125	16.78 <u>1.04</u> 0.00	18.59 <u>1.11</u> 0.00	9.89 <u>0.59</u> 0.00	16.02 <u>0.95</u> 0.00	20.09 <u>1.20</u> 0.00	18.30 <u>1.03</u> 0.00	14.94 <u>0.86</u> 0.00	16.95 <u>1.04</u> 0.00	19.01 <u>1.15</u> 0.00	19.58 <u>1.19</u> 0.00	21.19 <u>1.35</u> 0.00	22.55 <u>1.41</u> 0.00	26.29 <u>1.58</u> 0.00	27.11 <u>1.62</u> 0.00	26.60 <u>1.59</u> 0.00	31.01 <u>1.88</u> 0.00	32.69 <u>1.98</u> 0.00	33.38 <u>2.17</u> 0.00	31.98 <u>2.11</u> 0.00	32.00 <u>2.07</u> 0.00	32.04 <u>2.09</u> 0.00	26.92 <u>1.69</u> 0.00	27.00 <u>1.65</u> 0.00	28.54 <u>1.59</u> 0.00
GOWANUS_GT3_5 24126	16.78 <u>1.04</u> 0.00	18.59 <u>1.11</u> 0.00	9.89 <u>0.59</u> 0.00	16.02 <u>0.95</u> 0.00	20.09 <u>1.20</u> 0.00	18.30 <u>1.03</u> 0.00	14.94 <u>0.86</u> 0.00	16.95 <u>1.04</u> 0.00	19.01 <u>1.15</u> 0.00	19.58 <u>1.19</u> 0.00	21.19 <u>1.35</u> 0.00	22.55 <u>1.41</u> 0.00	26.29 <u>1.58</u> 0.00	27.11 <u>1.62</u> 0.00	26.60 <u>1.59</u> 0.00	31.01 <u>1.88</u> 0.00	32.69 <u>1.98</u> 0.00	33.38 <u>2.17</u> 0.00	31.98 <u>2.11</u> 0.00	32.00 <u>2.07</u> 0.00	32.04 <u>2.09</u> 0.00	26.92 <u>1.69</u> 0.00	27.00 <u>1.65</u> 0.00	28.54 <u>1.59</u> 0.00
GOWANUS_GT3_6 24127	16.78 <u>1.04</u> 0.00	18.59 <u>1.11</u> 0.00	9.89 <u>0.59</u> 0.00	16.02 <u>0.95</u> 0.00	20.09 <u>1.20</u> 0.00	18.30 <u>1.03</u> 0.00	14.94 <u>0.86</u> 0.00	16.95 <u>1.04</u> 0.00	19.01 <u>1.15</u> 0.00	19.58 <u>1.19</u> 0.00	21.19 <u>1.35</u> 0.00	22.55 <u>1.41</u> 0.00	26.29 <u>1.58</u> 0.00	27.11 <u>1.62</u> 0.00	26.60 <u>1.59</u> 0.00	31.01 <u>1.88</u> 0.00	32.69 <u>1.98</u> 0.00	33.38 <u>2.17</u> 0.00	31.98 <u>2.11</u> 0.00	32.00 <u>2.07</u> 0.00	32.04 <u>2.09</u> 0.00	26.92 <u>1.69</u> 0.00	27.00 <u>1.65</u> 0.00	28.54 <u>1.59</u> 0.00
GOWANUS_GT3_7 24128	16.78 <u>1.04</u> 0.00	18.59 <u>1.11</u> 0.00	9.89 <u>0.59</u> 0.00	16.02 <u>0.95</u> 0.00	20.09 <u>1.20</u> 0.00	18.30 <u>1.03</u> 0.00	14.94 <u>0.86</u> 0.00	16.95 <u>1.04</u> 0.00	19.01 <u>1.15</u> 0.00	19.58 <u>1.19</u> 0.00	21.19 <u>1.35</u> 0.00	22.55 <u>1.41</u> 0.00	26.29 <u>1.58</u> 0.00	27.11 <u>1.62</u> 0.00	26.60 <u>1.59</u> 0.00	31.01 <u>1.88</u> 0.00	32.69 <u>1.98</u> 0.00	33.38 <u>2.17</u> 0.00	31.98 <u>2.11</u> 0.00	32.00 <u>2.07</u> 0.00	32.04 <u>2.09</u> 0.00	26.92 <u>1.69</u> 0.00	27.00 <u>1.65</u> 0.00	28.54 <u>1.59</u> 0.00
GOWANUS_GT3_8 24129	16.78 <u>1.04</u> 0.00	18.59 <u>1.11</u> 0.00	9.89 <u>0.59</u> 0.00	16.02 <u>0.95</u> 0.00	20.09 <u>1.20</u> 0.00	18.30 <u>1.03</u> 0.00	14.94 <u>0.86</u> 0.00	16.95 <u>1.04</u> 0.00	19.01 <u>1.15</u> 0.00	19.58 <u>1.19</u> 0.00	21.19 <u>1.35</u> 0.00	22.55 <u>1.41</u> 0.00	26.29 <u>1.58</u> 0.00	27.11 <u>1.62</u> 0.00	26.60 <u>1.59</u> 0.00	31.01 <u>1.88</u> 0.00	32.69 <u>1.98</u> 0.00	33.38 <u>2.17</u> 0.00	31.98 <u>2.11</u> 0.00	32.00 <u>2.07</u> 0.00	32.04 <u>2.09</u> 0.00	26.92 <u>1.69</u> 0.00	27.00 <u>1.65</u> 0.00	28.54 <u>1.59</u> 0.00
GOWANUS_GT4_1 24130	16.78 <u>1.04</u> 0.00	18.59 <u>1.11</u> 0.00	9.89 <u>0.59</u> 0.00	16.02 <u>0.95</u> 0.00	20.09 <u>1.20</u> 0.00	18.30 <u>1.03</u> 0.00	14.94 <u>0.86</u> 0.00	16.94 <u>1.04</u> 0.00	19.01 <u>1.15</u> 0.00	19.58 <u>1.19</u> 0.00	21.19 <u>1.35</u> 0.00	22.55 <u>1.41</u> 0.00	26.29 <u>1.58</u> 0.00	27.11 <u>1.62</u> 0.00	26.60 <u>1.59</u> 0.00	31.01 <u>1.88</u> 0.00	32.68 <u>1.97</u> 0.00	33.39 <u>2.17</u> 0.00	31.98 <u>2.11</u> 0.00	32.00 <u>2.07</u> 0.00	32.04 <u>2.09</u> 0.00	26.92 <u>1.69</u> 0.00	27.00 <u>1.65</u> 0.00	28.54 <u>1.59</u> 0.00
GOWANUS_GT4_2 24131	16.78 <u>1.04</u> 0.00	18.59 <u>1.11</u> 0.00	9.89 <u>0.59</u> 0.00	16.02 <u>0.95</u> 0.00	20.09 <u>1.20</u> 0.00	18.30 <u>1.03</u> 0.00	14.94 <u>0.86</u> 0.00	16.94 <u>1.04</u> 0.00	19.01 <u>1.15</u> 0.00	19.58 <u>1.19</u> 0.00	21.19 <u>1.35</u> 0.00	22.55 <u>1.41</u> 0.00	26.29 <u>1.58</u> 0.00	27.11 <u>1.62</u> 0.00	26.60 <u>1.59</u> 0.00	31.01 <u>1.88</u> 0.00	32.68 <u>1.97</u> 0.00	33.39 <u>2.17</u> 0.00	31.98 <u>2.11</u> 0.00	32.00 <u>2.07</u> 0.00	32.04 <u>2.09</u> 0.00	26.92 <u>1.69</u> 0.00	27.00 <u>1.65</u> 0.00	28.54 <u>1.59</u> 0.00

GOWANUS_GT4_3 24132	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.94 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.68 1.97 0.00	33.39 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
GOWANUS_GT4_4 24133	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.94 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.68 1.97 0.00	33.39 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
GOWANUS_GT4_5 24134	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.94 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.68 1.97 0.00	33.39 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
GOWANUS_GT4_6 24135	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.94 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.68 1.97 0.00	33.39 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
GOWANUS_GT4_7 24136	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.94 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.68 1.97 0.00	33.39 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
GOWANUS_GT4_8 24137	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.94 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.68 1.97 0.00	33.39 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
GREENBSH_115KV_TB3 55895	16.23 0.48 0.00	18.01 0.54 0.00	9.62 0.31 0.00	15.55 0.47 0.00	19.45 0.56 0.00	17.76 0.48 0.00	14.47 0.39 0.00	16.33 0.42 0.00	18.22 0.37 0.00	18.75 0.36 0.00	20.06 0.22 0.00	21.35 0.21 0.00	24.92 0.21 0.00	25.68 0.19 0.00	25.20 0.19 0.00	29.37 0.24 0.00	31.01 0.29 0.00	31.60 0.38 0.00	30.27 0.40 0.00	30.31 0.38 0.00	30.33 0.37 0.00	25.49 0.25 0.00	25.59 0.23 0.00	27.26 0.32 0.00
GREENIDGE_115KV_TB5 80291	15.49 -0.26 0.00	17.19 -0.29 0.00	9.15 -0.15 0.00	14.85 -0.22 0.00	18.63 -0.26 0.00	17.06 -0.21 0.00	13.94 -0.15 0.00	15.76 -0.15 0.00	17.74 -0.11 0.00	18.24 -0.16 0.00	19.67 -0.18 0.00	21.01 -0.14 0.00	24.55 -0.17 0.00	25.43 -0.06 0.00	24.98 -0.03 0.00	28.96 -0.17 0.00	30.42 -0.30 0.00	31.15 -0.07 0.00	30.06 0.18 0.00	30.21 0.28 0.00	30.19 0.24 0.00	25.54 0.30 0.00	25.62 0.27 0.00	27.28 0.34 0.00
GREENIDGE___3 23582	15.49 -0.26 0.00	17.19 -0.29 0.00	9.15 -0.15 0.00	14.85 -0.22 0.00	18.63 -0.26 0.00	17.06 -0.21 0.00	13.94 -0.15 0.00	15.76 -0.15 0.00	17.74 -0.11 0.00	18.24 -0.16 0.00	19.67 -0.18 0.00	21.01 -0.14 0.00	24.55 -0.17 0.00	25.43 -0.06 0.00	24.98 -0.03 0.00	28.96 -0.17 0.00	30.42 -0.30 0.00	31.15 -0.07 0.00	30.06 0.18 0.00	30.21 0.28 0.00	30.19 0.24 0.00	25.54 0.30 0.00	25.62 0.27 0.00	27.28 0.34 0.00
GREENIDGE___4 23583	15.49 -0.26 0.00	17.19 -0.29 0.00	9.15 -0.15 0.00	14.84 -0.23 0.00	18.63 -0.26 0.00	17.06 -0.21 0.00	13.94 -0.14 0.00	15.75 -0.15 0.00	17.74 -0.11 0.00	18.24 -0.16 0.00	19.67 -0.18 0.00	21.01 -0.14 0.00	24.55 -0.17 0.00	25.43 -0.06 0.00	24.98 -0.03 0.00	28.96 -0.17 0.00	30.40 -0.32 0.00	31.15 -0.07 0.00	30.06 0.18 0.00	30.21 0.28 0.00	30.19 0.24 0.00	25.55 0.31 0.00	25.62 0.27 0.00	27.28 0.34 0.00
GREENLWN_69_KV_BK 3 55738	16.84 1.10 0.00	18.62 1.14 0.00	9.90 0.60 0.00	15.98 0.91 0.00	19.95 1.06 0.00	18.19 0.91 0.00	14.95 0.87 0.00	16.89 0.98 0.00	18.96 1.11 0.00	21.11 1.26 -1.46	21.98 1.46 -0.68	22.48 1.43 0.10	27.55 1.55 -1.28	28.25 1.63 -1.13	27.24 1.65 -0.58	31.48 1.96 -0.38	32.74 1.95 -0.08	33.39 2.17 0.00	31.77 1.89 0.00	31.60 1.67 0.00	31.62 1.66 0.00	26.62 1.38 0.00	26.94 1.59 0.00	28.35 1.42 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.94 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.68 1.97 0.00	33.39 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
GRISSOM___SOLAR 323813	17.23 1.48 0.00	19.01 1.54 0.00	10.10 0.79 0.00	16.34 1.26 0.00	20.48 1.59 0.00	18.35 1.08 0.00	15.34 1.25 0.00	17.42 1.51 0.00	19.76 1.90 0.00	20.39 1.99 0.00	22.07 2.22 0.00	23.54 2.39 0.00	27.72 3.01 0.00	28.61 3.12 0.00	27.94 2.94 0.00	32.73 3.61 0.00	34.74 4.03 0.00	35.55 4.34 0.00	34.03 4.15 0.00	34.20 4.27 0.00	34.24 4.28 0.00	28.75 3.51 0.00	28.70 3.35 0.00	30.39 3.45 0.00
GROVEVILLE___HYD 323602	16.82 1.08 0.00	18.64 1.16 0.00	9.93 0.62 0.00	16.06 0.99 0.00	20.13 1.25 0.00	18.38 1.11 0.00	15.01 0.92 0.00	16.98 1.08 0.00	19.10 1.25 0.00	19.69 1.30 0.00	21.30 1.46 0.00	22.68 1.54 0.00	26.47 1.76 0.00	27.29 1.80 0.00	26.76 1.75 0.00	31.20 2.07 0.00	32.94 2.23 0.00	33.66 2.44 0.00	32.26 2.38 0.00	32.29 2.36 0.00	32.31 2.36 0.00	27.12 1.88 0.00	27.14 1.79 0.00	28.67 1.73 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	15.67 -0.08 0.00	17.38 -0.09 0.00	9.26 -0.04 0.00	15.00 -0.08 0.00	18.80 -0.09 0.00	17.19 -0.08 0.00	14.02 -0.06 0.00	15.84 -0.07 0.00	17.81 -0.04 0.00	18.36 -0.03 0.00	19.83 -0.02 0.00	21.14 -0.01 0.00	24.72 0.01 0.00	25.51 0.03 0.00	25.01 0.01 0.00	29.10 -0.03 0.00	30.67 -0.05 0.00	31.25 0.03 0.00	29.94 0.07 0.00	30.02 0.08 0.00	30.04 0.08 0.00	25.29 0.06 0.00	25.38 0.02 0.00	27.03 0.09 0.00

HAMLTNNY_34_KV_TB 80303	15.66 -0.09 0.00	17.37 -0.10 0.00	9.27 -0.04 0.00	14.99 -0.08 0.00	18.80 -0.09 0.00	17.19 -0.07 0.00	14.01 -0.07 0.00	15.83 -0.07 0.00	17.82 -0.03 0.00	18.37 -0.02 0.00	19.84 -0.01 0.00	21.13 -0.02 0.00	24.73 0.02 0.00	25.53 0.04 0.00	25.01 0.00 0.00	29.11 -0.03 0.00	30.65 -0.06 0.00	31.27 0.05 0.00	29.97 0.09 0.00	30.03 0.10 0.00	30.07 0.11 0.00	25.33 0.09 0.00	25.41 0.05 0.00	27.06 0.11 0.00
HAMPSHIRE___PAPER_HYD 323593	15.41 -0.34 0.00	17.02 -0.45 0.00	9.05 -0.26 0.00	14.69 -0.38 0.00	18.41 -0.48 0.00	16.97 -0.30 0.00	13.87 -0.21 0.00	15.63 -0.28 0.00	17.54 -0.31 0.00	18.08 -0.31 0.00	19.56 -0.28 0.00	20.73 -0.41 0.00	24.22 -0.50 0.00	25.05 -0.43 0.00	24.64 -0.36 0.00	28.69 -0.44 0.00	30.28 -0.43 0.00	30.74 -0.47 0.00	29.51 -0.36 0.00	29.56 -0.37 0.00	29.68 -0.27 0.00	25.08 -0.16 0.00	25.42 0.07 0.00	27.00 0.06 0.00
HARDSCRABBLE_WT_PWR 323673	15.70 -0.04 0.00	17.36 -0.11 0.00	9.22 -0.09 0.00	14.88 -0.19 0.00	18.59 -0.30 0.00	16.98 -0.29 0.00	13.86 -0.22 0.00	15.71 -0.19 0.00	17.70 -0.16 0.00	18.24 -0.16 0.00	19.70 -0.15 0.00	21.04 -0.10 0.00	24.71 0.00 0.00	25.48 -0.01 0.00	25.01 0.01 0.00	29.18 0.04 0.00	30.87 0.16 0.00	31.57 0.36 0.00	30.21 0.34 0.00	30.32 0.39 0.00	30.37 0.41 0.00	25.48 0.24 0.00	25.48 0.13 0.00	26.92 -0.02 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	16.63 0.89 0.00	18.43 0.95 0.00	9.81 0.50 0.00	15.87 0.80 0.00	19.91 1.02 0.00	18.17 0.90 0.00	14.83 0.74 0.00	16.77 0.86 0.00	18.84 0.99 0.00	19.41 1.02 0.00	21.00 1.15 0.00	22.35 1.20 0.00	26.09 1.38 0.00	26.90 1.41 0.00	26.38 1.37 0.00	30.75 1.62 0.00	32.45 1.74 0.00	33.15 1.94 0.00	31.78 1.90 0.00	31.80 1.88 0.00	31.85 1.90 0.00	26.75 1.52 0.00	26.80 1.45 0.00	28.34 1.40 0.00
HARSNRAD_115KV_TB1 81005	15.09 -0.66 0.00	16.78 -0.70 0.00	8.94 -0.36 0.00	14.50 -0.57 0.00	18.21 -0.68 0.00	16.65 -0.62 0.00	13.62 -0.46 0.00	15.23 -0.68 0.00	17.22 -0.64 0.00	17.77 -0.62 0.00	19.18 -0.66 0.00	20.51 -0.63 0.00	24.06 -0.65 0.00	24.86 -0.63 0.00	24.42 -0.59 0.00	28.40 -0.73 0.00	29.75 -0.96 0.00	30.04 -1.17 0.00	28.61 -1.26 0.00	28.77 -1.16 0.00	28.81 -1.15 0.00	24.54 -0.70 0.00	24.67 -0.69 0.00	26.59 -0.35 0.00
HARZA MOOSE___RIVER 24016	15.64 -0.11 0.00	17.28 -0.19 0.00	9.19 -0.12 0.00	14.92 -0.16 0.00	18.65 -0.24 0.00	17.16 -0.11 0.00	14.04 -0.05 0.00	15.81 -0.09 0.00	17.76 -0.09 0.00	18.33 -0.07 0.00	19.89 0.05 0.00	21.17 0.02 0.00	24.71 -0.01 0.00	25.57 0.08 0.00	25.22 0.21 0.00	29.45 0.32 0.00	31.08 0.37 0.00	31.62 0.41 0.00	30.38 0.50 0.00	30.44 0.51 0.00	30.57 0.62 0.00	25.66 0.42 0.00	25.85 0.50 0.00	27.47 0.52 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	15.59 -0.16 0.00	17.30 -0.18 0.00	9.21 -0.09 0.00	14.92 -0.15 0.00	18.70 -0.19 0.00	17.10 -0.17 0.00	13.95 -0.14 0.00	15.75 -0.15 0.00	17.71 -0.14 0.00	18.26 -0.14 0.00	19.71 -0.13 0.00	21.02 -0.13 0.00	24.58 -0.14 0.00	25.36 -0.13 0.00	24.87 -0.14 0.00	28.94 -0.19 0.00	30.50 -0.22 0.00	31.05 -0.17 0.00	29.73 -0.14 0.00	29.82 -0.11 0.00	29.84 -0.12 0.00	25.13 -0.11 0.00	25.22 -0.13 0.00	26.87 -0.08 0.00
HELLGATE_13_KV_LD 55870	16.73 0.99 0.00	18.54 1.06 0.00	9.87 0.56 0.00	15.99 0.91 0.00	20.06 1.17 0.00	18.26 0.99 0.00	14.90 0.81 0.00	16.90 0.99 0.00	18.95 1.10 0.00	19.52 1.12 0.00	21.12 1.27 0.00	22.46 1.32 0.00	26.18 1.47 0.00	27.00 1.52 0.00	26.49 1.48 0.00	30.88 1.76 0.00	32.56 1.85 0.00	33.27 2.06 0.00	31.87 2.00 0.00	31.88 1.95 0.00	31.91 1.96 0.00	26.80 1.56 0.00	26.89 1.54 0.00	28.40 1.46 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	16.73 0.99 0.00	18.54 1.06 0.00	9.87 0.56 0.00	15.99 0.91 0.00	20.06 1.17 0.00	18.26 0.99 0.00	14.90 0.81 0.00	16.90 0.99 0.00	18.95 1.10 0.00	19.52 1.12 0.00	21.12 1.27 0.00	22.46 1.32 0.00	26.18 1.47 0.00	27.00 1.52 0.00	26.49 1.48 0.00	30.88 1.76 0.00	32.56 1.85 0.00	33.27 2.06 0.00	31.87 2.00 0.00	31.88 1.95 0.00	31.91 1.96 0.00	26.80 1.56 0.00	26.89 1.54 0.00	28.40 1.46 0.00
HEMPSTEAD____ 23647	16.82 1.08 0.00	18.61 1.13 0.00	9.90 0.59 0.00	15.98 0.91 0.00	19.99 1.10 0.00	18.23 0.96 0.00	14.95 0.87 0.00	16.92 1.02 0.00	19.01 1.16 0.00	21.12 1.26 -1.47	24.20 1.46 -2.90	24.31 1.46 -1.70	31.80 1.61 -5.47	32.01 1.68 -4.84	29.20 1.69 -2.50	32.79 1.99 -1.66	33.12 2.05 -0.35	33.47 2.25 -0.01	31.89 2.02 0.00	31.83 1.90 0.00	31.84 1.89 0.00	26.76 1.53 0.00	26.99 1.63 -0.01	28.44 1.50 0.00
HEWLETT_69_KV_BK3 55828	16.94 1.20 0.00	18.73 1.25 0.00	9.95 0.65 0.00	16.07 1.00 0.00	20.09 1.20 0.00	18.33 1.06 0.00	15.05 0.97 0.00	17.00 1.10 0.00	19.11 1.26 0.00	21.24 1.38 -1.47	32.59 1.62 -11.12	31.11 1.61 -8.35	47.51 1.81 -20.99	45.95 1.90 -18.56	36.53 1.93 -9.60	37.78 2.26 -6.39	34.28 2.20 -1.37	33.77 2.52 -0.04	32.12 2.24 0.00	32.06 2.13 0.00	32.08 2.13 0.00	26.97 1.73 0.00	27.23 1.84 -0.03	28.66 1.72 0.00
HICKLING___1 23621	15.51 -0.24 0.00	17.22 -0.26 0.00	9.17 -0.14 0.00	14.90 -0.17 0.00	18.68 -0.21 0.00	17.13 -0.14 0.00	13.98 -0.10 0.00	15.83 -0.08 0.00	17.79 -0.06 0.00	18.26 -0.14 0.00	19.70 -0.15 0.00	21.08 -0.06 0.00	24.68 -0.03 0.00	25.59 0.10 0.00	25.20 0.19 0.00	29.43 0.30 0.00	31.03 0.31 0.00	31.73 0.51 0.00	30.39 0.51 0.00	30.58 0.65 0.00	30.46 0.51 0.00	25.75 0.52 0.00	25.92 0.57 0.00	27.69 0.75 0.00
HICKLING___2 23622	15.51 -0.24 0.00	17.22 -0.26 0.00	9.17 -0.14 0.00	14.90 -0.17 0.00	18.68 -0.21 0.00	17.13 -0.14 0.00	13.98 -0.10 0.00	15.83 -0.08 0.00	17.79 -0.06 0.00	18.26 -0.14 0.00	19.70 -0.15 0.00	21.08 -0.06 0.00	24.68 -0.03 0.00	25.59 0.10 0.00	25.20 0.19 0.00	29.43 0.30 0.00	31.03 0.31 0.00	31.73 0.51 0.00	30.39 0.51 0.00	30.58 0.65 0.00	30.46 0.51 0.00	25.75 0.52 0.00	25.92 0.57 0.00	27.69 0.75 0.00
HIGH FALLS___HY 23754	16.61 0.86 0.00	18.40 0.92 0.00	9.79 0.49 0.00	15.84 0.77 0.00	19.88 0.99 0.00	18.15 0.88 0.00	14.83 0.74 0.00	16.80 0.89 0.00	18.93 1.08 0.00	19.54 1.15 0.00	21.19 1.35 0.00	22.57 1.42 0.00	26.33 1.62 0.00	27.14 1.65 0.00	26.61 1.60 0.00	30.98 1.85 0.00	32.71 1.99 0.00	33.47 2.25 0.00	32.11 2.23 0.00	32.14 2.21 0.00	32.16 2.21 0.00	27.02 1.79 0.00	27.04 1.68 0.00	28.51 1.57 0.00
HILLBURN___GT 23639	16.62 0.87 0.00	18.41 0.93 0.00	9.80 0.49 0.00	15.86 0.79 0.00	19.90 1.01 0.00	18.16 0.89 0.00	14.82 0.74 0.00	16.76 0.86 0.00	18.82 0.97 0.00	19.38 0.98 0.00	20.96 1.11 0.00	22.30 1.15 0.00	26.03 1.31 0.00	26.83 1.34 0.00	26.30 1.30 0.00	30.66 1.53 0.00	32.37 1.65 0.00	33.06 1.85 0.00	31.70 1.82 0.00	31.72 1.80 0.00	31.78 1.83 0.00	26.71 1.47 0.00	26.76 1.41 0.00	28.31 1.37 0.00

HILLSIDE_115KV_TB1 80332	15.49 -0.26 0.00	17.20 -0.28 0.00	9.16 -0.15 0.00	14.89 -0.19 0.00	18.66 -0.23 0.00	17.10 -0.17 0.00	13.95 -0.14 0.00	15.82 -0.09 0.00	17.75 -0.10 0.00	18.19 -0.20 0.00	19.62 -0.22 0.00	20.97 -0.18 0.00	24.50 -0.21 0.00	25.38 -0.11 0.00	24.93 -0.08 0.00	29.09 -0.04 0.00	30.67 -0.05 0.00	31.36 0.14 0.00	30.01 0.14 0.00	30.17 0.24 0.00	30.05 0.10 0.00	25.41 0.17 0.00	25.61 0.25 0.00	27.35 0.40 0.00
HISHELDN_WT_PWR 323625	14.98 -0.76 0.00	16.65 -0.83 0.00	8.87 -0.43 0.00	14.40 -0.68 0.00	18.09 -0.80 0.00	16.56 -0.70 0.00	13.53 -0.55 0.00	15.19 -0.72 0.00	17.15 -0.71 0.00	17.68 -0.71 0.00	19.10 -0.74 0.00	20.48 -0.66 0.00	24.06 -0.66 0.00	24.97 -0.52 0.00	24.63 -0.38 0.00	28.74 -0.39 0.00	30.19 -0.52 0.00	30.70 -0.52 0.00	29.30 -0.58 0.00	29.46 -0.47 0.00	29.45 -0.50 0.00	25.02 -0.22 0.00	25.18 -0.17 0.00	27.04 0.10 0.00
HOLTSVILLE_IC_1 23690	17.02 1.27 0.00	18.81 1.34 0.00	10.02 0.71 0.00	16.17 1.10 0.00	20.19 1.30 0.00	18.41 1.14 0.00	15.16 1.08 0.00	17.13 1.22 0.00	19.22 1.36 0.00	21.41 1.51 -1.49	22.04 1.65 -0.54	22.56 1.61 0.20	27.52 1.77 -1.03	28.24 1.84 -0.91	27.35 1.87 -0.47	31.65 2.21 -0.31	33.04 2.26 -0.06	33.67 2.45 0.00	31.98 2.10 0.00	31.79 1.86 0.00	31.80 1.85 0.00	26.80 1.56 0.00	27.15 1.80 0.00	28.59 1.65 0.00
HOLTSVILLE_IC_10 23699	17.08 1.34 0.00	18.88 1.41 0.00	10.06 0.75 0.00	16.23 1.16 0.00	20.26 1.37 0.00	18.47 1.20 0.00	15.21 1.13 0.00	17.19 1.28 0.00	19.29 1.44 0.00	21.49 1.60 -1.50	22.17 1.73 -0.59	22.68 1.69 0.16	27.71 1.87 -1.13	28.43 1.95 -1.00	27.49 1.98 -0.51	31.80 2.34 -0.34	33.19 2.41 -0.07	33.82 2.61 0.00	32.11 2.24 0.00	31.93 2.00 0.00	31.94 1.98 0.00	26.91 1.67 0.00	27.25 1.90 0.00	28.70 1.76 0.00
HOLTSVILLE_IC_2 23691	17.02 1.27 0.00	18.81 1.34 0.00	10.02 0.71 0.00	16.17 1.10 0.00	20.19 1.30 0.00	18.41 1.14 0.00	15.16 1.08 0.00	17.13 1.22 0.00	19.22 1.36 0.00	21.41 1.51 -1.49	22.04 1.65 -0.54	22.56 1.61 0.20	27.52 1.77 -1.03	28.24 1.84 -0.91	27.35 1.87 -0.47	31.65 2.21 -0.31	33.04 2.26 -0.06	33.67 2.45 0.00	31.98 2.10 0.00	31.79 1.86 0.00	31.80 1.85 0.00	26.80 1.56 0.00	27.15 1.80 0.00	28.59 1.65 0.00
HOLTSVILLE_IC_3 23692	17.02 1.27 0.00	18.81 1.34 0.00	10.02 0.71 0.00	16.17 1.10 0.00	20.19 1.30 0.00	18.41 1.14 0.00	15.16 1.08 0.00	17.13 1.22 0.00	19.22 1.36 0.00	21.41 1.51 -1.49	22.04 1.65 -0.54	22.56 1.61 0.20	27.52 1.77 -1.03	28.24 1.84 -0.91	27.35 1.87 -0.47	31.65 2.21 -0.31	33.04 2.26 -0.06	33.67 2.45 0.00	31.98 2.10 0.00	31.79 1.86 0.00	31.80 1.85 0.00	26.80 1.56 0.00	27.15 1.80 0.00	28.59 1.65 0.00
HOLTSVILLE_IC_4 23693	17.02 1.27 0.00	18.81 1.34 0.00	10.02 0.71 0.00	16.17 1.10 0.00	20.19 1.30 0.00	18.41 1.14 0.00	15.16 1.08 0.00	17.13 1.22 0.00	19.22 1.36 0.00	21.41 1.51 -1.49	22.04 1.65 -0.54	22.56 1.61 0.20	27.52 1.77 -1.03	28.24 1.84 -0.91	27.35 1.87 -0.47	31.65 2.21 -0.31	33.04 2.26 -0.06	33.67 2.45 0.00	31.98 2.10 0.00	31.79 1.86 0.00	31.80 1.85 0.00	26.80 1.56 0.00	27.15 1.80 0.00	28.59 1.65 0.00
HOLTSVILLE_IC_5 23694	17.02 1.27 0.00	18.81 1.34 0.00	10.02 0.71 0.00	16.17 1.10 0.00	20.19 1.30 0.00	18.41 1.14 0.00	15.16 1.08 0.00	17.13 1.22 0.00	19.22 1.36 0.00	21.41 1.51 -1.49	22.04 1.65 -0.54	22.56 1.61 0.20	27.52 1.77 -1.03	28.24 1.84 -0.91	27.35 1.87 -0.47	31.65 2.21 -0.31	33.04 2.26 -0.06	33.67 2.45 0.00	31.98 2.10 0.00	31.79 1.86 0.00	31.80 1.85 0.00	26.80 1.56 0.00	27.15 1.80 0.00	28.59 1.65 0.00
HOLTSVILLE_IC_6 23695	17.08 1.34 0.00	18.88 1.41 0.00	10.06 0.75 0.00	16.23 1.16 0.00	20.26 1.37 0.00	18.47 1.20 0.00	15.21 1.13 0.00	17.19 1.28 0.00	19.29 1.44 0.00	21.49 1.60 -1.50	22.17 1.73 -0.59	22.68 1.69 0.16	27.71 1.87 -1.13	28.43 1.95 -1.00	27.49 1.98 -0.51	31.80 2.34 -0.34	33.19 2.41 -0.07	33.82 2.61 0.00	32.11 2.24 0.00	31.93 2.00 0.00	31.94 1.98 0.00	26.91 1.67 0.00	27.25 1.90 0.00	28.70 1.76 0.00
HOLTSVILLE_IC_7 23696	17.08 1.34 0.00	18.88 1.41 0.00	10.06 0.75 0.00	16.23 1.16 0.00	20.26 1.37 0.00	18.47 1.20 0.00	15.21 1.13 0.00	17.19 1.28 0.00	19.29 1.44 0.00	21.49 1.60 -1.50	22.17 1.73 -0.59	22.68 1.69 0.16	27.71 1.87 -1.13	28.43 1.95 -1.00	27.49 1.98 -0.51	31.80 2.34 -0.34	33.19 2.41 -0.07	33.82 2.61 0.00	32.11 2.24 0.00	31.93 2.00 0.00	31.94 1.98 0.00	26.91 1.67 0.00	27.25 1.90 0.00	28.70 1.76 0.00
HOLTSVILLE_IC_8 23697	17.08 1.34 0.00	18.88 1.41 0.00	10.06 0.75 0.00	16.23 1.16 0.00	20.26 1.37 0.00	18.47 1.20 0.00	15.21 1.13 0.00	17.19 1.28 0.00	19.29 1.44 0.00	21.49 1.60 -1.50	22.17 1.73 -0.59	22.68 1.69 0.16	27.71 1.87 -1.13	28.43 1.95 -1.00	27.49 1.98 -0.51	31.80 2.34 -0.34	33.19 2.41 -0.07	33.82 2.61 0.00	32.11 2.24 0.00	31.93 2.00 0.00	31.94 1.98 0.00	26.91 1.67 0.00	27.25 1.90 0.00	28.70 1.76 0.00
HOLTSVILLE_IC_9 23698	17.08 1.34 0.00	18.88 1.41 0.00	10.06 0.75 0.00	16.23 1.16 0.00	20.26 1.37 0.00	18.47 1.20 0.00	15.21 1.13 0.00	17.19 1.28 0.00	19.29 1.44 0.00	21.49 1.60 -1.50	22.17 1.73 -0.59	22.68 1.69 0.16	27.71 1.87 -1.13	28.43 1.95 -1.00	27.49 1.98 -0.51	31.80 2.34 -0.34	33.19 2.41 -0.07	33.82 2.61 0.00	32.11 2.24 0.00	31.93 2.00 0.00	31.94 1.98 0.00	26.91 1.67 0.00	27.25 1.90 0.00	28.70 1.76 0.00
HOMER_HL_115KV_TB2 355744	15.87 0.12 0.00	17.65 0.18 0.00	9.40 0.09 0.00	15.28 0.21 0.00	19.14 0.25 0.00	17.57 0.30 0.00	14.31 0.22 0.00	16.15 0.25 0.00	18.19 0.34 0.00	18.71 0.32 0.00	20.00 0.16 0.00	21.38 0.23 0.00	25.01 0.30 0.00	25.90 0.42 0.00	25.44 0.43 0.00	29.66 0.53 0.00	31.12 0.40 0.00	31.72 0.50 0.00	30.30 0.42 0.00	30.49 0.56 0.00	30.46 0.50 0.00	25.88 0.64 0.00	26.17 0.82 0.00	28.15 1.21 0.00
HOWARD_WT_PWR 323690	14.64 -1.11 0.00	16.28 -1.20 0.00	8.66 -0.65 0.00	14.08 -0.99 0.00	17.75 -1.14 0.00	16.28 -0.99 0.00	13.30 -0.78 0.00	14.98 -0.92 0.00	16.91 -0.94 0.00	17.37 -1.03 0.00	18.85 -1.00 0.00	20.21 -0.94 0.00	23.88 -0.84 0.00	24.88 -0.61 0.00	24.69 -0.31 0.00	28.96 -0.17 0.00	30.64 -0.08 0.00	31.43 0.21 0.00	30.16 0.29 0.00	30.37 0.44 0.00	30.32 0.37 0.00	25.60 0.36 0.00	25.73 0.37 0.00	27.44 0.49 0.00
HQ_GEN_CEDARS 23644	15.64 -0.11 0.00	17.33 -0.14 0.00	9.22 -0.09 0.00	14.94 -0.13 0.00	18.76 -0.13 0.00	17.20 -0.07 0.00	14.04 -0.04 0.00	15.85 -0.05 0.00	17.78 -0.07 0.00	18.31 -0.09 0.00	19.73 -0.12 0.00	21.00 -0.15 0.00	24.57 -0.15 0.00	25.33 -0.15 0.00	24.86 -0.15 0.00	28.95 -0.18 0.00	30.51 -0.21 0.00	30.87 -0.35 0.00	29.49 -0.39 0.00	29.50 -0.43 0.00	29.53 -0.43 0.00	25.02 -0.21 0.00	25.25 -0.10 0.00	26.83 -0.11 0.00

HQ_GEN_CEDARS_PROXY 323590	15.64 -0.11 0.00	17.33 -0.14 0.00	9.22 -0.09 0.00	14.94 -0.13 0.00	18.76 -0.13 0.00	17.20 -0.07 0.00	14.04 -0.04 0.00	15.85 -0.05 0.00	17.78 -0.07 0.00	18.31 -0.09 0.00	19.73 -0.12 0.00	21.00 -0.14 0.00	24.57 -0.15 0.00	25.34 -0.15 0.00	24.86 -0.15 0.00	28.95 -0.18 0.00	30.51 -0.21 0.00	30.87 -0.35 0.00	29.49 -0.39 0.00	29.50 -0.43 0.00	29.53 -0.43 0.00	25.02 -0.21 0.00	25.25 -0.10 0.00	26.83 -0.11 0.00
HQ_GEN_IMPORT 323601	15.68 -0.07 0.00	17.39 -0.08 0.00	9.26 -0.05 0.00	15.00 -0.08 0.00	18.81 -0.08 0.00	17.22 -0.05 0.00	14.05 -0.04 0.00	15.87 -0.04 0.00	17.80 -0.06 0.00	18.34 -0.06 0.00	19.78 -0.06 0.00	21.08 -0.07 0.00	24.64 -0.07 0.00	25.41 -0.07 0.00	24.95 -0.06 0.00	29.07 -0.06 0.00	30.64 -0.07 0.00	31.05 -0.17 0.00	29.68 -0.20 0.00	29.72 -0.21 0.00	29.73 -0.22 0.00	25.10 -0.13 0.00	25.26 -0.10 0.00	26.83 -0.11 0.00
HQ_GEN_WHEEL 23651	15.68 -0.07 0.00	17.39 -0.08 0.00	9.26 -0.05 0.00	15.00 -0.08 0.00	18.81 -0.08 0.00	17.22 -0.05 0.00	14.05 -0.04 0.00	15.87 -0.04 0.00	17.80 -0.06 0.00	18.34 -0.06 0.00	19.78 -0.06 0.00	21.08 -0.07 0.00	24.64 -0.07 0.00	25.41 -0.07 0.00	24.95 -0.06 0.00	29.07 -0.06 0.00	30.64 -0.07 0.00	31.05 -0.17 0.00	29.68 -0.20 0.00	29.72 -0.21 0.00	29.73 -0.22 0.00	25.10 -0.13 0.00	25.26 -0.10 0.00	26.83 -0.11 0.00
HUDSON_AVE_GT_3 23810	16.76 1.01 0.00	18.56 1.09 0.00	9.88 0.57 0.00	16.00 0.92 0.00	20.07 1.18 0.00	18.28 1.01 0.00	14.93 0.85 0.00	16.92 1.02 0.00	18.98 1.13 0.00	19.57 1.17 0.00	21.16 1.32 0.00	22.52 1.37 0.00	26.26 1.54 0.00	27.06 1.58 0.00	26.55 1.55 0.00	30.95 1.82 0.00	32.64 1.93 0.00	33.35 2.13 0.00	31.95 2.07 0.00	31.95 2.02 0.00	31.98 2.03 0.00	26.85 1.62 0.00	26.93 1.58 0.00	28.47 1.53 0.00
HUDSON_AVE_GT_4 23540	16.76 1.01 0.00	18.56 1.09 0.00	9.88 0.57 0.00	16.00 0.92 0.00	20.07 1.18 0.00	18.28 1.01 0.00	14.93 0.85 0.00	16.92 1.02 0.00	18.98 1.13 0.00	19.57 1.17 0.00	21.16 1.32 0.00	22.52 1.37 0.00	26.26 1.54 0.00	27.06 1.58 0.00	26.55 1.55 0.00	30.95 1.82 0.00	32.64 1.93 0.00	33.35 2.13 0.00	31.95 2.07 0.00	31.95 2.02 0.00	31.98 2.03 0.00	26.85 1.62 0.00	26.93 1.58 0.00	28.47 1.53 0.00
HUDSON_AVE_GT_5 23657	16.76 1.01 0.00	18.56 1.09 0.00	9.88 0.57 0.00	16.00 0.92 0.00	20.07 1.18 0.00	18.28 1.01 0.00	14.93 0.85 0.00	16.92 1.02 0.00	18.98 1.13 0.00	19.57 1.17 0.00	21.16 1.32 0.00	22.52 1.37 0.00	26.26 1.54 0.00	27.06 1.58 0.00	26.55 1.55 0.00	30.95 1.82 0.00	32.64 1.93 0.00	33.35 2.13 0.00	31.95 2.07 0.00	31.95 2.02 0.00	31.98 2.03 0.00	26.85 1.62 0.00	26.93 1.58 0.00	28.47 1.53 0.00
HUDSON_AVE_10 24168	16.70 0.96 0.00	18.50 1.03 0.00	9.84 0.54 0.00	15.95 0.88 0.00	20.01 1.13 0.00	18.24 0.97 0.00	14.89 0.81 0.00	16.87 0.97 0.00	18.94 1.09 0.00	19.51 1.12 0.00	21.09 1.25 0.00	22.44 1.30 0.00	26.16 1.45 0.00	26.97 1.48 0.00	26.46 1.45 0.00	30.85 1.72 0.00	32.54 1.82 0.00	33.24 2.02 0.00	31.84 1.97 0.00	31.85 1.92 0.00	31.87 1.92 0.00	26.77 1.53 0.00	26.85 1.50 0.00	28.38 1.44 0.00
HUDSON___115KV_TB 4 355613	16.49 0.74 0.00	18.30 0.82 0.00	9.76 0.45 0.00	15.78 0.71 0.00	19.74 0.85 0.00	18.03 0.76 0.00	14.71 0.62 0.00	16.60 0.70 0.00	18.58 0.73 0.00	19.13 0.74 0.00	20.46 0.62 0.00	21.80 0.65 0.00	25.45 0.74 0.00	26.22 0.73 0.00	25.71 0.71 0.00	29.98 0.86 0.00	31.68 0.97 0.00	32.29 1.08 0.00	30.97 1.10 0.00	31.05 1.13 0.00	31.06 1.11 0.00	26.07 0.83 0.00	26.10 0.75 0.00	27.77 0.83 0.00
HUNTER MOUNT___DRP 323613	16.55 0.81 0.00	18.37 0.89 0.00	9.80 0.49 0.00	15.85 0.77 0.00	19.81 0.92 0.00	18.10 0.83 0.00	14.76 0.68 0.00	16.67 0.77 0.00	18.66 0.81 0.00	19.23 0.83 0.00	20.54 0.69 0.00	21.89 0.75 0.00	25.57 0.86 0.00	26.34 0.85 0.00	25.82 0.82 0.00	30.11 0.98 0.00	31.82 1.11 0.00	32.43 1.22 0.00	31.12 1.25 0.00	31.21 1.28 0.00	31.20 1.25 0.00	26.17 0.93 0.00	26.19 0.84 0.00	27.86 0.92 0.00
HUNTINGTON_RES_REC 323705	16.98 1.23 0.00	18.76 1.28 0.00	9.99 0.68 0.00	16.12 1.05 0.00	20.12 1.23 0.00	18.34 1.08 0.00	15.10 1.02 0.00	17.06 1.16 0.00	19.15 1.30 0.00	21.30 1.46 -1.44	22.11 1.64 -0.62	22.62 1.61 0.14	27.67 1.77 -1.18	28.38 1.85 -1.05	27.42 1.88 -0.54	31.71 2.22 -0.36	33.07 2.28 -0.07	33.69 2.47 0.00	32.02 2.14 0.00	31.84 1.91 0.00	31.84 1.89 0.00	26.82 1.58 0.00	27.14 1.79 0.00	28.56 1.62 0.00
HUNTLEY___63 23557	15.22 -0.53 0.00	16.91 -0.57 0.00	9.01 -0.30 0.00	14.61 -0.46 0.00	18.36 -0.53 0.00	16.78 -0.49 0.00	13.73 -0.36 0.00	15.35 -0.55 0.00	17.35 -0.51 0.00	17.91 -0.49 0.00	19.34 -0.51 0.00	20.70 -0.45 0.00	24.27 -0.45 0.00	25.07 -0.41 0.00	24.63 -0.37 0.00	28.67 -0.46 0.00	30.04 -0.68 0.00	30.34 -0.88 0.00	28.91 -0.96 0.00	29.07 -0.86 0.00	29.08 -0.87 0.00	24.77 -0.47 0.00	24.89 -0.46 0.00	26.85 -0.09 0.00
HUNTLEY___64 23558	15.22 -0.53 0.00	16.91 -0.57 0.00	9.01 -0.30 0.00	14.61 -0.46 0.00	18.36 -0.53 0.00	16.78 -0.49 0.00	13.73 -0.36 0.00	15.35 -0.55 0.00	17.35 -0.51 0.00	17.91 -0.49 0.00	19.34 -0.51 0.00	20.70 -0.45 0.00	24.27 -0.45 0.00	25.07 -0.41 0.00	24.63 -0.37 0.00	28.67 -0.46 0.00	30.04 -0.68 0.00	30.34 -0.88 0.00	28.91 -0.96 0.00	29.07 -0.86 0.00	29.08 -0.87 0.00	24.77 -0.47 0.00	24.89 -0.46 0.00	26.85 -0.09 0.00
HUNTLEY___65 23559	15.22 -0.53 0.00	16.91 -0.57 0.00	9.01 -0.30 0.00	14.61 -0.46 0.00	18.36 -0.53 0.00	16.78 -0.49 0.00	13.73 -0.36 0.00	15.35 -0.55 0.00	17.35 -0.51 0.00	17.91 -0.49 0.00	19.34 -0.51 0.00	20.70 -0.45 0.00	24.27 -0.45 0.00	25.07 -0.41 0.00	24.63 -0.37 0.00	28.67 -0.46 0.00	30.04 -0.68 0.00	30.34 -0.88 0.00	28.91 -0.96 0.00	29.07 -0.86 0.00	29.08 -0.87 0.00	24.77 -0.47 0.00	24.89 -0.46 0.00	26.85 -0.09 0.00
HUNTLEY___66 23560	15.22 -0.53 0.00	16.91 -0.57 0.00	9.01 -0.30 0.00	14.61 -0.46 0.00	18.36 -0.53 0.00	16.78 -0.49 0.00	13.73 -0.36 0.00	15.35 -0.55 0.00	17.35 -0.51 0.00	17.91 -0.49 0.00	19.34 -0.51 0.00	20.70 -0.45 0.00	24.27 -0.45 0.00	25.07 -0.41 0.00	24.63 -0.37 0.00	28.67 -0.46 0.00	30.04 -0.68 0.00	30.34 -0.88 0.00	28.91 -0.96 0.00	29.07 -0.86 0.00	29.08 -0.87 0.00	24.77 -0.47 0.00	24.89 -0.46 0.00	26.85 -0.09 0.00
HUNTLEY___67 23561	15.15 -0.60 0.00	16.84 -0.63 0.00	8.98 -0.33 0.00	14.56 -0.51 0.00	18.29 -0.60 0.00	16.72 -0.55 0.00	13.67 -0.42 0.00	15.30 -0.60 0.00	17.28 -0.57 0.00	17.83 -0.56 0.00	19.25 -0.60 0.00	20.60 -0.55 0.00	24.15 -0.56 0.00	24.96 -0.52 0.00	24.54 -0.47 0.00	28.57 -0.56 0.00	29.93 -0.79 0.00	30.24 -0.98 0.00	28.80 -1.08 0.00	28.96 -0.97 0.00	28.99 -0.97 0.00	24.68 -0.56 0.00	24.83 -0.53 0.00	26.74 -0.20 0.00

HUNTLEY___68 23562	15.15 -0.60 0.00	16.84 -0.63 0.00	8.98 -0.33 0.00	14.56 -0.51 0.00	18.29 -0.60 0.00	16.72 -0.55 0.00	13.67 -0.42 0.00	15.30 -0.60 0.00	17.28 -0.57 0.00	17.83 -0.56 0.00	19.25 -0.60 0.00	20.60 -0.55 0.00	24.15 -0.56 0.00	24.96 -0.52 0.00	24.54 -0.47 0.00	28.57 -0.56 0.00	29.93 -0.79 0.00	30.24 -0.98 0.00	28.80 -1.08 0.00	28.96 -0.97 0.00	28.99 -0.97 0.00	24.68 -0.56 0.00	24.83 -0.53 0.00	26.74 -0.20 0.00
HYLAND___LFGE 323620	15.63 -0.12 0.00	17.34 -0.13 0.00	9.23 -0.08 0.00	14.97 -0.10 0.00	18.79 -0.10 0.00	17.21 -0.06 0.00	14.09 0.00 0.00	15.84 -0.06 0.00	17.82 -0.04 0.00	18.26 -0.13 0.00	19.51 -0.33 0.00	20.93 -0.22 0.00	24.76 0.05 0.00	25.30 -0.18 0.00	24.88 -0.12 0.00	29.02 -0.11 0.00	30.63 -0.09 0.00	31.20 -0.02 0.00	30.33 0.45 0.00	30.73 0.80 0.00	31.02 1.07 0.00	26.24 1.00 0.00	26.23 0.88 0.00	27.99 1.05 0.00
INDECK___CORINTH 23802	16.36 0.62 0.00	18.13 0.65 0.00	9.63 0.32 0.00	15.59 0.51 0.00	19.52 0.63 0.00	17.87 0.60 0.00	14.55 0.47 0.00	16.47 0.57 0.00	18.49 0.63 0.00	19.10 0.71 0.00	20.66 0.81 0.00	21.99 0.84 0.00	25.65 0.94 0.00	26.41 0.92 0.00	25.94 0.93 0.00	30.29 1.16 0.00	32.06 1.34 0.00	32.66 1.44 0.00	31.30 1.43 0.00	31.29 1.36 0.00	31.24 1.29 0.00	26.20 0.96 0.00	26.12 0.77 0.00	27.55 0.60 0.00
INDECK___ILION 23567	15.83 0.08 0.00	17.55 0.07 0.00	9.34 0.03 0.00	15.11 0.04 0.00	18.91 0.02 0.00	17.25 -0.02 0.00	14.08 0.00 0.00	15.93 0.03 0.00	17.90 0.05 0.00	18.45 0.06 0.00	19.91 0.06 0.00	21.22 0.07 0.00	24.83 0.12 0.00	25.60 0.11 0.00	25.11 0.10 0.00	29.27 0.14 0.00	30.93 0.21 0.00	31.54 0.32 0.00	30.20 0.32 0.00	30.27 0.34 0.00	30.30 0.35 0.00	25.46 0.22 0.00	25.50 0.14 0.00	27.01 0.07 0.00
INDECK___OLEAN 23982	15.87 0.12 0.00	17.65 0.18 0.00	9.40 0.09 0.00	15.27 0.20 0.00	19.14 0.25 0.00	17.56 0.29 0.00	14.31 0.22 0.00	16.14 0.24 0.00	18.19 0.34 0.00	18.71 0.32 0.00	20.01 0.16 0.00	21.38 0.23 0.00	25.01 0.30 0.00	25.90 0.42 0.00	25.43 0.43 0.00	29.66 0.53 0.00	31.10 0.38 0.00	31.72 0.50 0.00	30.30 0.42 0.00	30.49 0.56 0.00	30.45 0.50 0.00	25.88 0.64 0.00	26.18 0.82 0.00	28.15 1.21 0.00
INDECK___OSWEGO 23783	15.40 -0.34 0.00	17.09 -0.39 0.00	9.11 -0.20 0.00	14.74 -0.33 0.00	18.47 -0.42 0.00	16.89 -0.38 0.00	13.78 -0.30 0.00	15.56 -0.35 0.00	17.49 -0.36 0.00	18.03 -0.37 0.00	19.49 -0.36 0.00	20.77 -0.37 0.00	24.27 -0.44 0.00	25.05 -0.44 0.00	24.56 -0.45 0.00	28.57 -0.56 0.00	30.10 -0.62 0.00	30.64 -0.58 0.00	29.36 -0.52 0.00	29.43 -0.50 0.00	29.47 -0.48 0.00	24.82 -0.41 0.00	24.93 -0.43 0.00	26.55 -0.40 0.00
INDECK___YERKES 23781	15.23 -0.52 0.00	16.93 -0.55 0.00	9.02 -0.29 0.00	14.61 -0.46 0.00	18.38 -0.52 0.00	16.79 -0.47 0.00	13.74 -0.34 0.00	15.35 -0.56 0.00	17.36 -0.49 0.00	17.92 -0.47 0.00	19.36 -0.49 0.00	20.71 -0.43 0.00	24.29 -0.43 0.00	25.10 -0.39 0.00	24.65 -0.35 0.00	28.69 -0.43 0.00	30.04 -0.67 0.00	30.37 -0.85 0.00	28.94 -0.94 0.00	29.10 -0.83 0.00	29.10 -0.85 0.00	24.79 -0.45 0.00	24.92 -0.43 0.00	26.88 -0.06 0.00
INDIAN POINT_GT_1 24139	16.67 0.92 0.00	18.47 0.99 0.00	9.84 0.53 0.00	15.92 0.84 0.00	19.96 1.07 0.00	18.20 0.93 0.00	14.86 0.78 0.00	16.82 0.91 0.00	18.88 1.02 0.00	19.46 1.06 0.00	21.03 1.18 0.00	22.37 1.22 0.00	26.09 1.38 0.00	26.90 1.41 0.00	26.38 1.38 0.00	30.76 1.64 0.00	32.47 1.75 0.00	33.17 1.95 0.00	31.77 1.90 0.00	31.78 1.86 0.00	31.82 1.86 0.00	26.72 1.48 0.00	26.80 1.44 0.00	28.32 1.38 0.00
INDIAN POINT_GT_2 23659	16.67 0.92 0.00	18.47 0.99 0.00	9.84 0.53 0.00	15.92 0.84 0.00	19.96 1.07 0.00	18.20 0.93 0.00	14.86 0.78 0.00	16.82 0.91 0.00	18.88 1.02 0.00	19.46 1.06 0.00	21.03 1.18 0.00	22.37 1.22 0.00	26.09 1.38 0.00	26.90 1.41 0.00	26.38 1.38 0.00	30.76 1.64 0.00	32.47 1.75 0.00	33.17 1.95 0.00	31.77 1.90 0.00	31.78 1.86 0.00	31.82 1.86 0.00	26.72 1.48 0.00	26.80 1.44 0.00	28.32 1.38 0.00
INDIAN POINT_GT_3 24019	16.67 0.92 0.00	18.47 0.99 0.00	9.84 0.53 0.00	15.92 0.84 0.00	19.96 1.07 0.00	18.20 0.93 0.00	14.86 0.78 0.00	16.82 0.91 0.00	18.88 1.02 0.00	19.46 1.06 0.00	21.03 1.18 0.00	22.37 1.22 0.00	26.09 1.38 0.00	26.90 1.41 0.00	26.38 1.38 0.00	30.76 1.64 0.00	32.47 1.75 0.00	33.17 1.95 0.00	31.77 1.90 0.00	31.78 1.86 0.00	31.82 1.86 0.00	26.72 1.48 0.00	26.80 1.44 0.00	28.32 1.38 0.00
INDIAN POINT___2 23530	16.69 0.94 0.00	18.49 1.01 0.00	9.84 0.54 0.00	15.93 0.86 0.00	19.98 1.09 0.00	18.21 0.95 0.00	14.88 0.79 0.00	16.83 0.93 0.00	18.89 1.04 0.00	19.47 1.08 0.00	21.05 1.20 0.00	22.39 1.25 0.00	26.12 1.40 0.00	26.92 1.44 0.00	26.41 1.40 0.00	30.79 1.66 0.00	32.50 1.78 0.00	33.20 1.98 0.00	31.80 1.93 0.00	31.81 1.88 0.00	31.83 1.88 0.00	26.74 1.50 0.00	26.81 1.46 0.00	28.34 1.40 0.00
INDIAN POINT___3 23531	16.62 0.87 0.00	18.41 0.94 0.00	9.81 0.50 0.00	15.87 0.80 0.00	19.90 1.01 0.00	18.16 0.89 0.00	14.82 0.74 0.00	16.76 0.86 0.00	18.82 0.97 0.00	19.39 0.99 0.00	20.96 1.11 0.00	22.29 1.15 0.00	26.02 1.30 0.00	26.82 1.33 0.00	26.30 1.30 0.00	30.66 1.53 0.00	32.35 1.64 0.00	33.05 1.83 0.00	31.67 1.80 0.00	31.69 1.76 0.00	31.73 1.78 0.00	26.65 1.42 0.00	26.73 1.37 0.00	28.26 1.32 0.00
INGHAM_C_115KV_TB7 356103	15.81 0.06 0.00	17.49 0.02 0.00	9.30 -0.01 0.00	15.03 -0.05 0.00	18.78 -0.11 0.00	17.12 -0.15 0.00	13.97 -0.11 0.00	15.84 -0.06 0.00	17.83 -0.03 0.00	18.37 -0.02 0.00	19.82 -0.02 0.00	21.13 -0.01 0.00	24.78 0.07 0.00	25.53 0.05 0.00	25.04 0.03 0.00	29.20 0.07 0.00	30.90 0.18 0.00	31.64 0.42 0.00	30.27 0.40 0.00	30.39 0.46 0.00	30.42 0.47 0.00	25.50 0.26 0.00	25.46 0.11 0.00	26.88 -0.06 0.00
IP CORINTH___1 23988	16.36 0.61 0.00	18.13 0.65 0.00	9.63 0.32 0.00	15.58 0.51 0.00	19.52 0.63 0.00	17.86 0.59 0.00	14.55 0.47 0.00	16.47 0.57 0.00	18.49 0.63 0.00	19.10 0.71 0.00	20.66 0.81 0.00	21.99 0.84 0.00	25.65 0.94 0.00	26.41 0.93 0.00	25.94 0.93 0.00	30.29 1.16 0.00	32.05 1.34 0.00	32.66 1.44 0.00	31.30 1.43 0.00	31.29 1.36 0.00	31.24 1.29 0.00	26.20 0.96 0.00	26.12 0.77 0.00	27.55 0.60 0.00
IP___TICONDEROGA 23804	16.98 1.24 0.00	18.71 1.23 0.00	9.89 0.58 0.00	15.99 0.92 0.00	20.06 1.17 0.00	18.46 1.19 0.00	15.03 0.94 0.00	17.03 1.13 0.00	18.96 1.10 0.00	19.67 1.27 0.00	21.39 1.54 0.00	22.73 1.58 0.00	26.52 1.80 0.00	27.23 1.75 0.00	26.82 1.81 0.00	31.44 2.31 0.00	33.49 2.77 0.00	34.03 2.81 0.00	32.78 2.91 0.00	32.65 2.72 0.00	32.48 2.52 0.00	27.18 1.95 0.00	26.92 1.57 0.00	28.20 1.26 0.00

ISLIP_RES_REC 323679	17.13 1.38 0.00	18.92 1.45 0.00	10.08 0.77 0.00	16.27 1.20 0.00	20.31 1.42 0.00	18.52 1.25 0.00	15.25 1.17 0.00	17.23 1.33 0.00	19.35 1.49 0.00	21.55 1.67 -1.49	22.28 1.81 -0.62	22.77 1.76 0.14	27.85 1.95 -1.18	28.56 2.03 -1.05	27.62 2.07 -0.54	31.92 2.44 -0.36	33.32 2.53 -0.07	33.95 2.73 0.00	32.23 2.35 0.00	32.03 2.10 0.00	32.05 2.10 0.00	27.00 1.76 0.00	27.34 1.99 0.00	28.78 1.84 0.00
JAMAICA__27_KV_LOAD 355505	16.79 1.05 0.00	18.59 1.11 0.00	9.89 0.58 0.00	16.05 0.98 0.00	20.14 1.26 0.00	18.36 1.09 0.00	14.98 0.89 0.00	16.98 1.08 0.00	19.08 1.22 0.00	19.64 1.25 0.00	21.19 1.35 0.00	22.55 1.40 0.00	26.28 1.57 0.00	27.08 1.59 0.00	26.58 1.57 0.00	30.99 1.86 0.00	32.70 1.99 0.00	33.42 2.20 0.00	32.01 2.13 0.00	32.02 2.09 0.00	32.05 2.09 0.00	26.92 1.69 0.00	27.04 1.69 0.00	28.53 1.59 0.00
JANIS__SOLAR 323808	16.00 0.25 0.00	17.73 0.26 0.00	9.42 0.12 0.00	15.25 0.17 0.00	19.12 0.23 0.00	17.52 0.25 0.00	14.31 0.22 0.00	16.20 0.29 0.00	18.24 0.39 0.00	18.81 0.42 0.00	20.30 0.46 0.00	21.64 0.49 0.00	25.30 0.58 0.00	26.18 0.69 0.00	25.65 0.65 0.00	29.98 0.86 0.00	31.77 1.05 0.00	32.52 1.31 0.00	31.22 1.35 0.00	31.43 1.50 0.00	31.44 1.49 0.00	26.47 1.23 0.00	26.48 1.12 0.00	28.15 1.21 0.00
JARVIS____ 23743	15.81 0.06 0.00	17.55 0.07 0.00	9.34 0.04 0.00	15.13 0.06 0.00	18.95 0.06 0.00	17.31 0.05 0.00	14.12 0.03 0.00	15.95 0.04 0.00	17.90 0.05 0.00	18.45 0.06 0.00	19.90 0.05 0.00	21.21 0.06 0.00	24.77 0.06 0.00	25.54 0.05 0.00	25.06 0.06 0.00	29.21 0.08 0.00	30.82 0.10 0.00	31.36 0.15 0.00	30.03 0.15 0.00	30.08 0.15 0.00	30.12 0.17 0.00	25.34 0.11 0.00	25.43 0.08 0.00	27.02 0.08 0.00
JENNISON__1 23625	15.73 -0.02 0.00	17.43 -0.05 0.00	9.27 -0.04 0.00	15.01 -0.06 0.00	18.81 -0.08 0.00	17.25 -0.02 0.00	14.07 -0.01 0.00	15.94 0.03 0.00	17.97 0.11 0.00	18.54 0.14 0.00	20.04 0.20 0.00	21.41 0.26 0.00	25.04 0.32 0.00	25.96 0.47 0.00	25.49 0.48 0.00	29.79 0.67 0.00	31.68 0.97 0.00	32.53 1.32 0.00	31.18 1.30 0.00	31.37 1.44 0.00	31.42 1.47 0.00	26.47 1.23 0.00	26.52 1.17 0.00	28.22 1.28 0.00
JENNISON__2 23626	15.73 -0.02 0.00	17.43 -0.05 0.00	9.27 -0.04 0.00	15.01 -0.06 0.00	18.81 -0.08 0.00	17.25 -0.02 0.00	14.07 -0.01 0.00	15.94 0.03 0.00	17.97 0.11 0.00	18.54 0.14 0.00	20.04 0.20 0.00	21.41 0.26 0.00	25.04 0.32 0.00	25.96 0.47 0.00	25.49 0.48 0.00	29.79 0.67 0.00	31.68 0.97 0.00	32.53 1.32 0.00	31.18 1.30 0.00	31.37 1.44 0.00	31.42 1.47 0.00	26.47 1.23 0.00	26.52 1.17 0.00	28.22 1.28 0.00
JERICHO_RISE_WT_PWR 323719	15.68 -0.06 0.00	17.31 -0.17 0.00	9.15 -0.16 0.00	14.83 -0.24 0.00	18.71 -0.18 0.00	17.33 0.06 0.00	14.17 0.08 0.00	16.05 0.14 0.00	17.81 -0.05 0.00	18.31 -0.08 0.00	19.84 0.00 0.00	21.12 -0.03 0.00	24.75 0.04 0.00	25.47 -0.02 0.00	25.05 0.04 0.00	29.25 0.12 0.00	30.88 0.16 0.00	31.46 0.25 0.00	30.01 0.13 0.00	30.07 0.14 0.00	30.09 0.14 0.00	25.27 0.04 0.00	25.39 0.03 0.00	27.14 0.20 0.00
KATONAH__115KV_46KV_TB4 355592	16.72 0.97 0.00	18.52 1.05 0.00	9.86 0.55 0.00	15.96 0.89 0.00	20.01 1.12 0.00	18.25 0.98 0.00	14.90 0.82 0.00	16.87 0.96 0.00	18.95 1.10 0.00	19.54 1.14 0.00	21.12 1.28 0.00	22.48 1.33 0.00	26.22 1.51 0.00	27.03 1.55 0.00	26.52 1.51 0.00	30.92 1.79 0.00	32.63 1.91 0.00	33.35 2.13 0.00	31.95 2.07 0.00	31.96 2.03 0.00	31.98 2.03 0.00	26.85 1.61 0.00	26.90 1.55 0.00	28.42 1.47 0.00
KCE_NY_1 323755	16.44 0.69 0.00	18.24 0.77 0.00	9.71 0.40 0.00	15.73 0.66 0.00	19.69 0.81 0.00	17.99 0.73 0.00	14.66 0.57 0.00	16.58 0.67 0.00	18.59 0.74 0.00	19.19 0.80 0.00	20.71 0.86 0.00	22.04 0.89 0.00	25.72 1.01 0.00	26.48 1.00 0.00	26.02 1.01 0.00	30.38 1.25 0.00	32.06 1.35 0.00	32.68 1.47 0.00	31.29 1.41 0.00	31.32 1.39 0.00	31.30 1.35 0.00	26.31 1.07 0.00	26.29 0.94 0.00	27.80 0.86 0.00
KCE_NY_6_ESR 323823	15.33 -0.41 0.00	17.05 -0.43 0.00	9.08 -0.23 0.00	14.73 -0.35 0.00	18.50 -0.39 0.00	16.92 -0.35 0.00	13.82 -0.27 0.00	15.49 -0.41 0.00	17.49 -0.37 0.00	18.03 -0.36 0.00	19.48 -0.37 0.00	20.86 -0.29 0.00	24.47 -0.24 0.00	25.31 -0.17 0.00	24.89 -0.12 0.00	29.00 -0.13 0.00	30.41 -0.31 0.00	30.81 -0.41 0.00	29.36 -0.52 0.00	29.53 -0.40 0.00	29.54 -0.42 0.00	25.15 -0.08 0.00	25.28 -0.07 0.00	27.19 0.25 0.00
KEDC_PORT_JEFF_GT2 24210	17.03 1.28 0.00	18.83 1.36 0.00	10.04 0.73 0.00	16.19 1.12 0.00	20.21 1.32 0.00	18.42 1.15 0.00	15.18 1.10 0.00	17.15 1.25 0.00	19.24 1.38 0.00	21.44 1.55 -1.50	22.11 1.69 -0.58	22.62 1.65 0.18	27.63 1.82 -1.10	28.33 1.88 -0.97	27.42 1.92 -0.50	31.72 2.27 -0.33	33.11 2.33 -0.07	33.73 2.51 0.00	32.01 2.13 0.00	31.81 1.88 0.00	31.82 1.87 0.00	26.81 1.57 0.00	27.17 1.82 0.00	28.62 1.68 0.00
KEDC_PORT_JEFF_GT3 24211	17.03 1.28 0.00	18.83 1.36 0.00	10.04 0.73 0.00	16.19 1.12 0.00	20.21 1.32 0.00	18.42 1.15 0.00	15.18 1.10 0.00	17.15 1.25 0.00	19.24 1.38 0.00	21.44 1.55 -1.50	22.11 1.69 -0.58	22.62 1.65 0.18	27.63 1.82 -1.10	28.33 1.88 -0.97	27.42 1.92 -0.50	31.72 2.27 -0.33	33.11 2.33 -0.07	33.73 2.51 0.00	32.01 2.13 0.00	31.81 1.88 0.00	31.82 1.87 0.00	26.81 1.57 0.00	27.17 1.82 0.00	28.62 1.68 0.00
KEDC_GLWD_GT4 24219	16.83 1.09 0.00	18.63 1.15 0.00	9.91 0.60 0.00	16.02 0.94 0.00	20.05 1.16 0.00	18.28 1.02 0.00	14.98 0.90 0.00	16.95 1.05 0.00	19.04 1.19 0.00	21.13 1.27 -1.47	23.86 1.46 -2.55	24.05 1.49 -1.42	31.19 1.66 -4.82	31.46 1.71 -4.27	28.92 1.71 -2.20	32.62 2.02 -1.46	33.13 2.10 -0.31	33.52 2.29 -0.01	32.00 2.12 0.00	31.96 2.03 0.00	31.98 2.03 0.00	26.87 1.63 0.00	27.03 1.68 -0.01	28.52 1.58 0.00
KEDC_GLWD_GT5 24220	16.83 1.09 0.00	18.63 1.15 0.00	9.91 0.60 0.00	16.02 0.94 0.00	20.05 1.16 0.00	18.28 1.02 0.00	14.98 0.90 0.00	16.95 1.05 0.00	19.04 1.19 0.00	21.13 1.27 -1.47	23.86 1.46 -2.55	24.05 1.49 -1.42	31.19 1.66 -4.82	31.46 1.71 -4.27	28.92 1.71 -2.20	32.62 2.02 -1.46	33.13 2.10 -0.31	33.52 2.29 -0.01	32.00 2.12 0.00	31.96 2.03 0.00	31.98 2.03 0.00	26.87 1.63 0.00	27.03 1.68 -0.01	28.52 1.58 0.00
KENSICO____ 23655	16.69 0.94 0.00	18.49 1.01 0.00	9.84 0.54 0.00	15.93 0.86 0.00	19.98 1.09 0.00	18.22 0.95 0.00	14.88 0.79 0.00	16.84 0.93 0.00	18.89 1.04 0.00	19.47 1.08 0.00	21.05 1.20 0.00	22.39 1.25 0.00	26.12 1.41 0.00	26.92 1.44 0.00	26.41 1.40 0.00	30.80 1.67 0.00	32.49 1.77 0.00	33.20 1.98 0.00	31.80 1.93 0.00	31.81 1.88 0.00	31.84 1.88 0.00	26.74 1.50 0.00	26.82 1.47 0.00	28.34 1.40 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	16.59 0.84 0.00	18.37 0.90 0.00	9.78 0.48 0.00	15.82 0.75 0.00	19.84 0.96 0.00	18.12 0.85 0.00	14.80 0.72 0.00	16.76 0.86 0.00	18.89 1.04 0.00	19.50 1.10 0.00	21.13 1.29 0.00	22.50 1.35 0.00	26.26 1.54 0.00	27.05 1.56 0.00	26.52 1.51 0.00	30.89 1.76 0.00	32.62 1.90 0.00	33.38 2.16 0.00	32.03 2.15 0.00	32.06 2.13 0.00	32.08 2.13 0.00	26.95 1.71 0.00	26.96 1.61 0.00	28.45 1.50 0.00
KIAC_JFK_GT1 23816	16.70 0.96 0.00	18.49 1.02 0.00	9.84 0.53 0.00	15.97 0.89 0.00	20.05 1.16 0.00	18.27 1.00 0.00	14.90 0.82 0.00	16.89 0.99 0.00	18.97 1.12 0.00	19.54 1.14 0.00	21.08 1.24 0.00	22.43 1.29 0.00	26.14 1.43 0.00	26.93 1.44 0.00	26.43 1.43 0.00	30.82 1.69 0.00	32.52 1.80 0.00	33.23 2.01 0.00	31.81 1.94 0.00	31.81 1.89 0.00	31.84 1.89 0.00	26.75 1.52 0.00	26.89 1.54 0.00	28.37 1.43 0.00
KIAC_JFK_GT2 23817	16.70 0.96 0.00	18.49 1.02 0.00	9.84 0.53 0.00	15.97 0.89 0.00	20.05 1.16 0.00	18.27 1.00 0.00	14.90 0.82 0.00	16.89 0.99 0.00	18.97 1.12 0.00	19.54 1.14 0.00	21.08 1.24 0.00	22.43 1.29 0.00	26.14 1.43 0.00	26.93 1.44 0.00	26.43 1.43 0.00	30.82 1.69 0.00	32.52 1.80 0.00	33.23 2.01 0.00	31.81 1.94 0.00	31.81 1.89 0.00	31.84 1.89 0.00	26.75 1.52 0.00	26.89 1.54 0.00	28.37 1.43 0.00
KIAC_JFK____ 323774	16.70 0.96 0.00	18.49 1.02 0.00	9.84 0.53 0.00	15.97 0.90 0.00	20.05 1.16 0.00	18.27 1.00 0.00	14.90 0.82 0.00	16.90 0.99 0.00	18.97 1.12 0.00	19.54 1.14 0.00	21.08 1.24 0.00	22.43 1.29 0.00	26.14 1.42 0.00	26.93 1.44 0.00	26.44 1.43 0.00	30.82 1.69 0.00	32.53 1.81 0.00	33.23 2.02 0.00	31.81 1.94 0.00	31.82 1.89 0.00	31.84 1.89 0.00	26.75 1.52 0.00	26.89 1.54 0.00	28.37 1.43 0.00
KINTIGH____ 23543	15.13 -0.62 0.00	16.82 -0.66 0.00	8.96 -0.34 0.00	14.54 -0.53 0.00	18.25 -0.64 0.00	16.69 -0.58 0.00	13.63 -0.45 0.00	15.28 -0.62 0.00	17.26 -0.59 0.00	17.80 -0.59 0.00	19.19 -0.65 0.00	20.51 -0.63 0.00	24.03 -0.69 0.00	24.81 -0.68 0.00	24.36 -0.65 0.00	28.33 -0.80 0.00	29.70 -1.01 0.00	30.03 -1.19 0.00	28.63 -1.24 0.00	28.77 -1.16 0.00	28.82 -1.14 0.00	24.48 -0.75 0.00	24.62 -0.73 0.00	26.48 -0.46 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	15.91 0.16 0.00	17.50 0.02 0.00	9.25 -0.06 0.00	14.97 -0.10 0.00	18.83 -0.05 0.00	17.47 0.20 0.00	14.33 0.25 0.00	16.30 0.39 0.00	18.00 0.15 0.00	18.54 0.14 0.00	20.19 0.34 0.00	21.53 0.38 0.00	25.27 0.56 0.00	26.02 0.53 0.00	25.54 0.53 0.00	29.84 0.71 0.00	31.58 0.86 0.00	32.31 1.09 0.00	30.75 0.87 0.00	30.84 0.91 0.00	30.87 0.92 0.00	25.79 0.55 0.00	25.83 0.48 0.00	27.65 0.70 0.00
LACHUTE____HYDRO 323717	16.98 1.24 0.00	18.71 1.23 0.00	9.89 0.59 0.00	15.99 0.92 0.00	20.05 1.17 0.00	18.46 1.19 0.00	15.03 0.94 0.00	17.04 1.13 0.00	18.96 1.10 0.00	19.66 1.27 0.00	21.39 1.54 0.00	22.73 1.58 0.00	26.52 1.80 0.00	27.23 1.75 0.00	26.82 1.81 0.00	31.44 2.31 0.00	33.49 2.77 0.00	34.03 2.81 0.00	32.78 2.91 0.00	32.65 2.72 0.00	32.48 2.52 0.00	27.18 1.95 0.00	26.92 1.57 0.00	28.20 1.25 0.00
LAWRNCAY_115KV_TB1 80681	15.50 -0.25 0.00	17.16 -0.32 0.00	9.12 -0.19 0.00	14.79 -0.28 0.00	18.58 -0.31 0.00	17.06 -0.20 0.00	13.94 -0.14 0.00	15.73 -0.18 0.00	17.64 -0.22 0.00	18.16 -0.24 0.00	19.53 -0.32 0.00	20.73 -0.42 0.00	24.25 -0.47 0.00	25.01 -0.47 0.00	24.51 -0.50 0.00	28.48 -0.65 0.00	30.04 -0.68 0.00	30.41 -0.80 0.00	29.07 -0.80 0.00	29.10 -0.83 0.00	29.15 -0.80 0.00	24.79 -0.45 0.00	25.15 -0.21 0.00	26.71 -0.23 0.00
LEDERLE____ 23769	16.67 0.92 0.00	18.47 0.99 0.00	9.83 0.53 0.00	15.92 0.85 0.00	19.96 1.08 0.00	18.21 0.95 0.00	14.87 0.78 0.00	16.81 0.91 0.00	18.88 1.03 0.00	19.44 1.05 0.00	21.03 1.18 0.00	22.38 1.23 0.00	26.12 1.40 0.00	26.92 1.44 0.00	26.40 1.40 0.00	30.77 1.64 0.00	32.48 1.77 0.00	33.18 1.96 0.00	31.81 1.93 0.00	31.83 1.91 0.00	31.89 1.94 0.00	26.80 1.56 0.00	26.85 1.50 0.00	28.40 1.46 0.00
LIGHTHSE_115KV_TB6 355974	15.43 -0.32 0.00	17.08 -0.40 0.00	9.09 -0.22 0.00	14.74 -0.33 0.00	18.46 -0.43 0.00	16.91 -0.36 0.00	13.79 -0.29 0.00	15.56 -0.34 0.00	17.50 -0.35 0.00	18.05 -0.35 0.00	19.59 -0.25 0.00	20.86 -0.28 0.00	24.37 -0.35 0.00	25.20 -0.29 0.00	24.72 -0.28 0.00	28.77 -0.35 0.00	30.32 -0.40 0.00	30.86 -0.36 0.00	29.65 -0.23 0.00	29.72 -0.21 0.00	29.77 -0.19 0.00	25.11 -0.13 0.00	25.27 -0.08 0.00	26.88 -0.06 0.00
LINDEN COGEN____ 23786	16.67 0.92 0.00	18.46 0.98 0.00	9.83 0.52 0.00	15.90 0.84 0.00	19.95 1.06 0.00	18.18 0.91 0.00	14.85 0.77 0.00	16.83 0.92 0.00	18.88 1.02 0.00	19.44 1.05 0.00	21.03 1.19 0.00	22.38 1.23 0.00	26.09 1.38 0.00	26.90 1.41 0.00	26.38 1.38 0.00	30.75 1.62 0.00	32.43 1.72 0.00	33.13 1.91 0.00	31.75 1.88 0.00	31.75 1.83 0.00	31.80 1.85 0.00	26.70 1.46 0.00	26.78 1.42 0.00	28.32 1.38 0.00
LINDHRST_69_KV_BK1 356055	17.04 1.30 0.00	18.83 1.36 0.00	10.02 0.71 0.00	16.16 1.09 0.00	20.20 1.31 0.00	18.41 1.15 0.00	15.14 1.06 0.00	17.11 1.21 0.00	19.22 1.37 0.00	21.39 1.53 -1.47	22.97 1.73 -1.40	23.36 1.73 -0.49	29.27 1.91 -2.64	29.84 2.01 -2.34	28.24 2.03 -1.21	32.34 2.41 -0.80	33.31 2.43 -0.17	33.89 2.67 0.00	32.23 2.36 0.00	32.11 2.18 0.00	32.13 2.18 0.00	27.03 1.79 0.00	27.30 1.95 0.00	28.74 1.80 0.00
LIPA_MISC_IPP 23656	17.12 1.37 0.00	18.91 1.44 0.00	10.07 0.76 0.00	16.25 1.18 0.00	20.30 1.41 0.00	18.51 1.23 0.00	15.24 1.15 0.00	17.21 1.31 0.00	19.33 1.47 0.00	21.52 1.63 -1.49	22.06 1.66 -0.55	22.57 1.62 0.20	27.54 1.78 -1.05	28.26 1.85 -0.93	27.38 1.90 -0.48	31.69 2.25 -0.31	33.06 2.27 -0.06	33.72 2.50 0.00	32.04 2.16 0.00	31.83 1.90 0.00	31.83 1.88 0.00	26.81 1.58 0.00	27.15 1.80 0.00	28.60 1.65 0.00
LISF____SOLAR 323691	17.15 1.40 0.00	18.94 1.47 0.00	10.09 0.78 0.00	16.29 1.21 0.00	20.34 1.45 0.00	18.54 1.27 0.00	15.27 1.19 0.00	17.25 1.35 0.00	19.37 1.51 0.00	21.56 1.67 -1.49	22.12 1.71 -0.56	22.61 1.65 0.19	27.61 1.83 -1.07	28.32 1.90 -0.94	27.43 1.95 -0.48	31.75 2.30 -0.32	33.17 2.38 -0.07	33.79 2.58 0.00	32.10 2.22 0.00	31.90 1.97 0.00	31.90 1.95 0.00	26.87 1.63 0.00	27.20 1.85 0.00	28.65 1.71 0.00
LITTLE FALLS____HYD 24013	15.81 0.06 0.00	17.49 0.02 0.00	9.30 -0.01 0.00	15.03 -0.05 0.00	18.78 -0.11 0.00	17.12 -0.15 0.00	13.97 -0.11 0.00	15.84 -0.06 0.00	17.83 -0.03 0.00	18.37 -0.02 0.00	19.82 -0.02 0.00	21.13 -0.01 0.00	24.78 0.07 0.00	25.53 0.05 0.00	25.04 0.03 0.00	29.20 0.07 0.00	30.90 0.18 0.00	31.64 0.42 0.00	30.27 0.40 0.00	30.39 0.46 0.00	30.42 0.47 0.00	25.50 0.26 0.00	25.46 0.11 0.00	26.88 -0.06 0.00

LITTLRIV_115KV_TB1 356100	15.65 -0.09 0.00	17.33 -0.14 0.00	9.21 -0.10 0.00	14.93 -0.14 0.00	18.75 -0.13 0.00	17.23 -0.03 0.00	14.08 -0.01 0.00	15.87 -0.03 0.00	17.80 -0.05 0.00	18.34 -0.06 0.00	19.71 -0.14 0.00	20.92 -0.22 0.00	24.48 -0.23 0.00	25.25 -0.24 0.00	24.74 -0.27 0.00	28.75 -0.38 0.00	30.34 -0.38 0.00	30.72 -0.50 0.00	29.39 -0.48 0.00	29.43 -0.51 0.00	29.48 -0.48 0.00	25.06 -0.18 0.00	25.40 0.05 0.00	26.94 0.00 0.00
LI_NEWBRDGE___DRP 323616	16.79 1.04 0.00	18.57 1.09 0.00	9.87 0.56 0.00	15.93 0.86 0.00	19.92 1.03 0.00	18.17 0.90 0.00	14.92 0.84 0.00	16.87 0.96 0.00	18.96 1.11 0.00	21.07 1.21 -1.47	21.37 1.42 -0.10	21.99 1.40 0.56	26.43 1.52 -0.19	27.25 1.60 -0.17	26.71 1.62 -0.08	31.09 1.91 -0.05	32.63 1.90 -0.01	33.35 2.13 0.01	31.75 1.88 0.00	31.66 1.74 0.00	31.68 1.73 0.00	26.63 1.39 0.00	26.88 1.53 0.00	28.32 1.38 0.00
LOCKPORT_115KV_TB60_63_64 80432	15.10 -0.65 0.00	16.79 -0.69 0.00	8.95 -0.36 0.00	14.50 -0.57 0.00	18.22 -0.67 0.00	16.65 -0.62 0.00	13.63 -0.45 0.00	15.23 -0.67 0.00	17.22 -0.63 0.00	17.78 -0.62 0.00	19.19 -0.65 0.00	20.52 -0.63 0.00	24.07 -0.65 0.00	24.86 -0.63 0.00	24.42 -0.58 0.00	28.40 -0.73 0.00	29.75 -0.97 0.00	30.04 -1.17 0.00	28.61 -1.26 0.00	28.77 -1.16 0.00	28.81 -1.14 0.00	24.54 -0.70 0.00	24.67 -0.69 0.00	26.58 -0.36 0.00
LOCKPORT___CC1 323769	15.09 -0.66 0.00	16.78 -0.69 0.00	8.94 -0.36 0.00	14.49 -0.58 0.00	18.21 -0.68 0.00	16.65 -0.62 0.00	13.62 -0.46 0.00	15.22 -0.69 0.00	17.21 -0.64 0.00	17.77 -0.62 0.00	19.18 -0.66 0.00	20.51 -0.63 0.00	24.06 -0.65 0.00	24.86 -0.63 0.00	24.42 -0.59 0.00	28.40 -0.73 0.00	29.73 -0.99 0.00	30.04 -1.17 0.00	28.61 -1.26 0.00	28.77 -1.16 0.00	28.81 -1.15 0.00	24.54 -0.70 0.00	24.67 -0.68 0.00	26.59 -0.35 0.00
LOCKPORT___CC2 323770	15.09 -0.66 0.00	16.78 -0.69 0.00	8.94 -0.36 0.00	14.49 -0.58 0.00	18.21 -0.68 0.00	16.65 -0.62 0.00	13.62 -0.46 0.00	15.22 -0.69 0.00	17.21 -0.64 0.00	17.77 -0.62 0.00	19.18 -0.66 0.00	20.51 -0.63 0.00	24.06 -0.65 0.00	24.86 -0.63 0.00	24.42 -0.59 0.00	28.40 -0.73 0.00	29.73 -0.99 0.00	30.04 -1.17 0.00	28.61 -1.26 0.00	28.77 -1.16 0.00	28.81 -1.15 0.00	24.54 -0.70 0.00	24.67 -0.68 0.00	26.59 -0.35 0.00
LOCKPORT___CC3 323771	15.09 -0.66 0.00	16.78 -0.69 0.00	8.94 -0.36 0.00	14.49 -0.58 0.00	18.21 -0.68 0.00	16.65 -0.62 0.00	13.62 -0.46 0.00	15.22 -0.69 0.00	17.21 -0.64 0.00	17.77 -0.62 0.00	19.18 -0.66 0.00	20.51 -0.63 0.00	24.06 -0.65 0.00	24.86 -0.63 0.00	24.42 -0.59 0.00	28.40 -0.73 0.00	29.73 -0.99 0.00	30.04 -1.17 0.00	28.61 -1.26 0.00	28.77 -1.16 0.00	28.81 -1.15 0.00	24.54 -0.70 0.00	24.67 -0.68 0.00	26.59 -0.35 0.00
LONG_LAKE_PHOENIX 24014	15.49 -0.25 0.00	17.19 -0.29 0.00	9.16 -0.15 0.00	14.83 -0.24 0.00	18.58 -0.31 0.00	16.98 -0.29 0.00	13.86 -0.23 0.00	15.65 -0.25 0.00	17.59 -0.26 0.00	18.13 -0.26 0.00	19.59 -0.26 0.00	20.89 -0.26 0.00	24.42 -0.29 0.00	25.20 -0.29 0.00	24.71 -0.30 0.00	28.75 -0.38 0.00	30.28 -0.44 0.00	30.83 -0.38 0.00	29.54 -0.33 0.00	29.63 -0.30 0.00	29.65 -0.31 0.00	24.98 -0.26 0.00	25.05 -0.30 0.00	26.68 -0.26 0.00
LOVETT___3 23632	16.59 0.84 0.00	18.38 0.91 0.00	9.79 0.48 0.00	15.85 0.77 0.00	19.88 0.99 0.00	18.13 0.86 0.00	14.80 0.71 0.00	16.73 0.83 0.00	18.79 0.94 0.00	19.35 0.95 0.00	20.92 1.07 0.00	22.25 1.11 0.00	25.97 1.26 0.00	26.77 1.29 0.00	26.25 1.25 0.00	30.60 1.47 0.00	32.30 1.58 0.00	32.99 1.78 0.00	31.63 1.75 0.00	31.65 1.72 0.00	31.70 1.75 0.00	26.64 1.40 0.00	26.70 1.35 0.00	28.24 1.30 0.00
LOVETT___4 23642	16.59 0.84 0.00	18.38 0.91 0.00	9.79 0.48 0.00	15.85 0.77 0.00	19.88 0.99 0.00	18.13 0.86 0.00	14.80 0.71 0.00	16.73 0.83 0.00	18.79 0.94 0.00	19.35 0.95 0.00	20.92 1.07 0.00	22.25 1.11 0.00	25.97 1.26 0.00	26.77 1.29 0.00	26.25 1.25 0.00	30.60 1.47 0.00	32.30 1.58 0.00	32.99 1.78 0.00	31.63 1.75 0.00	31.65 1.72 0.00	31.70 1.75 0.00	26.64 1.40 0.00	26.70 1.35 0.00	28.24 1.30 0.00
LOVETT___5 23593	16.59 0.84 0.00	18.38 0.91 0.00	9.79 0.48 0.00	15.85 0.77 0.00	19.88 0.99 0.00	18.13 0.86 0.00	14.80 0.71 0.00	16.73 0.83 0.00	18.79 0.94 0.00	19.35 0.95 0.00	20.92 1.07 0.00	22.25 1.11 0.00	25.97 1.26 0.00	26.77 1.29 0.00	26.25 1.25 0.00	30.60 1.47 0.00	32.30 1.58 0.00	32.99 1.78 0.00	31.63 1.75 0.00	31.65 1.72 0.00	31.70 1.75 0.00	26.64 1.40 0.00	26.70 1.35 0.00	28.24 1.30 0.00
LOWER RAQUET___HYD 24057	15.45 -0.29 0.00	17.11 -0.37 0.00	9.09 -0.21 0.00	14.74 -0.33 0.00	18.51 -0.38 0.00	17.02 -0.25 0.00	13.90 -0.18 0.00	15.69 -0.21 0.00	17.59 -0.26 0.00	18.12 -0.28 0.00	19.46 -0.38 0.00	20.64 -0.51 0.00	24.15 -0.57 0.00	24.91 -0.58 0.00	24.39 -0.62 0.00	28.33 -0.80 0.00	29.89 -0.82 0.00	30.27 -0.95 0.00	28.94 -0.94 0.00	28.97 -0.96 0.00	29.03 -0.92 0.00	24.71 -0.53 0.00	25.12 -0.24 0.00	26.67 -0.27 0.00
LOWER___HUDSON 24059	16.33 0.59 0.00	18.15 0.68 0.00	9.67 0.36 0.00	15.65 0.58 0.00	19.58 0.69 0.00	17.86 0.59 0.00	14.54 0.46 0.00	16.43 0.53 0.00	18.41 0.56 0.00	18.97 0.58 0.00	20.45 0.60 0.00	21.76 0.62 0.00	25.40 0.69 0.00	26.17 0.68 0.00	25.68 0.67 0.00	29.92 0.79 0.00	31.62 0.90 0.00	32.20 0.98 0.00	30.84 0.96 0.00	30.86 0.93 0.00	30.89 0.94 0.00	25.95 0.71 0.00	25.99 0.64 0.00	27.51 0.57 0.00
LOWVILLE_115KV_TB2 356335	15.40 -0.35 0.00	16.98 -0.49 0.00	9.03 -0.28 0.00	14.68 -0.40 0.00	18.33 -0.56 0.00	16.94 -0.33 0.00	13.87 -0.21 0.00	15.58 -0.32 0.00	17.49 -0.36 0.00	18.06 -0.33 0.00	19.66 -0.19 0.00	20.90 -0.25 0.00	24.37 -0.34 0.00	25.26 -0.22 0.00	25.00 0.00 0.00	29.23 0.10 0.00	30.86 0.14 0.00	31.39 0.17 0.00	30.21 0.33 0.00	30.27 0.34 0.00	30.46 0.51 0.00	25.54 0.30 0.00	25.82 0.47 0.00	27.45 0.50 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	16.44 0.70 0.00	18.25 0.77 0.00	9.71 0.40 0.00	15.72 0.65 0.00	19.69 0.80 0.00	17.99 0.72 0.00	14.65 0.57 0.00	16.57 0.66 0.00	18.59 0.73 0.00	19.18 0.79 0.00	20.70 0.85 0.00	22.04 0.89 0.00	25.72 1.01 0.00	26.49 1.00 0.00	26.01 1.00 0.00	30.34 1.21 0.00	32.06 1.34 0.00	32.67 1.46 0.00	31.28 1.40 0.00	31.31 1.38 0.00	31.30 1.35 0.00	26.29 1.05 0.00	26.28 0.93 0.00	27.80 0.85 0.00
LUTHERNY_35_KV_BK2 355980	16.44 0.69 0.00	18.24 0.77 0.00	9.71 0.40 0.00	15.73 0.66 0.00	19.70 0.81 0.00	18.00 0.73 0.00	14.66 0.58 0.00	16.58 0.67 0.00	18.59 0.74 0.00	19.19 0.80 0.00	20.71 0.86 0.00	22.04 0.89 0.00	25.72 1.01 0.00	26.48 1.00 0.00	26.02 1.01 0.00	30.38 1.25 0.00	32.06 1.34 0.00	32.68 1.47 0.00	31.29 1.41 0.00	31.32 1.39 0.00	31.30 1.35 0.00	26.31 1.07 0.00	26.29 0.94 0.00	27.80 0.86 0.00

LWR___OSWEGATCHIE_HYD 23850	15.41 -0.34 0.00	17.02 -0.45 0.00	9.05 -0.26 0.00	14.69 -0.38 0.00	18.41 -0.48 0.00	16.97 -0.30 0.00	13.87 -0.21 0.00	15.63 -0.28 0.00	17.54 -0.31 0.00	18.08 -0.31 0.00	19.56 -0.28 0.00	20.73 -0.41 0.00	24.22 -0.50 0.00	25.05 -0.43 0.00	24.64 -0.36 0.00	28.69 -0.44 0.00	30.28 -0.43 0.00	30.75 -0.47 0.00	29.51 -0.36 0.00	29.56 -0.37 0.00	29.68 -0.27 0.00	25.08 -0.16 0.00	25.42 0.07 0.00	27.00 0.06 0.00
LYONS_FALL_HYD 23570	15.64 -0.11 0.00	17.28 -0.19 0.00	9.19 -0.12 0.00	14.92 -0.16 0.00	18.65 -0.24 0.00	17.16 -0.11 0.00	14.04 -0.05 0.00	15.81 -0.09 0.00	17.76 -0.09 0.00	18.33 -0.07 0.00	19.89 0.05 0.00	21.17 0.02 0.00	24.71 -0.01 0.00	25.57 0.08 0.00	25.22 0.21 0.00	29.45 0.32 0.00	31.08 0.37 0.00	31.62 0.41 0.00	30.37 0.50 0.00	30.44 0.51 0.00	30.57 0.62 0.00	25.66 0.42 0.00	25.85 0.50 0.00	27.47 0.52 0.00
MADISON___COUNTY_LFGE 323628	15.99 0.24 0.00	17.71 0.23 0.00	9.42 0.11 0.00	15.26 0.19 0.00	19.11 0.22 0.00	17.48 0.22 0.00	14.28 0.19 0.00	16.13 0.22 0.00	18.15 0.29 0.00	18.72 0.33 0.00	20.24 0.39 0.00	21.58 0.44 0.00	25.21 0.49 0.00	26.01 0.52 0.00	25.55 0.55 0.00	29.79 0.66 0.00	31.47 0.75 0.00	32.04 0.82 0.00	30.70 0.82 0.00	30.79 0.86 0.00	30.83 0.88 0.00	25.92 0.69 0.00	25.99 0.63 0.00	27.61 0.67 0.00
MALONE___115KV_TB1 356076	15.75 0.00 0.00	17.39 -0.09 0.00	9.20 -0.11 0.00	14.92 -0.16 0.00	18.80 -0.09 0.00	17.38 0.11 0.00	14.22 0.13 0.00	16.10 0.20 0.00	17.92 0.06 0.00	18.45 0.06 0.00	19.96 0.12 0.00	21.24 0.09 0.00	24.88 0.16 0.00	25.60 0.11 0.00	25.16 0.16 0.00	29.33 0.20 0.00	30.98 0.26 0.00	31.54 0.32 0.00	30.08 0.20 0.00	30.14 0.20 0.00	30.17 0.21 0.00	25.41 0.17 0.00	25.57 0.22 0.00	27.28 0.34 0.00
MAPLEWOD_115KV_TB3 80458	16.31 0.56 0.00	18.10 0.63 0.00	9.65 0.35 0.00	15.61 0.54 0.00	19.54 0.65 0.00	17.84 0.57 0.00	14.53 0.45 0.00	16.41 0.50 0.00	18.37 0.52 0.00	18.93 0.53 0.00	20.34 0.49 0.00	21.66 0.51 0.00	25.27 0.56 0.00	26.05 0.56 0.00	25.56 0.56 0.00	29.78 0.65 0.00	31.46 0.74 0.00	32.05 0.83 0.00	30.71 0.83 0.00	30.74 0.80 0.00	30.76 0.81 0.00	25.85 0.61 0.00	25.90 0.55 0.00	27.50 0.56 0.00
MAPLE RIDGE_WT_1 323574	15.37 -0.37 0.00	17.07 -0.41 0.00	9.09 -0.21 0.00	14.74 -0.33 0.00	18.40 -0.49 0.00	16.86 -0.41 0.00	13.75 -0.34 0.00	15.46 -0.44 0.00	17.30 -0.56 0.00	17.81 -0.59 0.00	19.21 -0.64 0.00	20.52 -0.62 0.00	23.99 -0.73 0.00	24.70 -0.78 0.00	24.35 -0.65 0.00	28.54 -0.59 0.00	30.22 -0.50 0.00	30.68 -0.54 0.00	29.41 -0.46 0.00	29.59 -0.34 0.00	29.60 -0.35 0.00	24.87 -0.36 0.00	24.97 -0.38 0.00	26.51 -0.43 0.00
MAPLE RIDGE_WT_2 323611	15.37 -0.37 0.00	17.07 -0.41 0.00	9.09 -0.21 0.00	14.74 -0.33 0.00	18.40 -0.49 0.00	16.86 -0.41 0.00	13.75 -0.34 0.00	15.46 -0.44 0.00	17.30 -0.56 0.00	17.81 -0.59 0.00	19.21 -0.64 0.00	20.52 -0.62 0.00	23.99 -0.73 0.00	24.70 -0.78 0.00	24.35 -0.65 0.00	28.54 -0.59 0.00	30.22 -0.50 0.00	30.68 -0.54 0.00	29.41 -0.46 0.00	29.59 -0.34 0.00	29.60 -0.35 0.00	24.87 -0.36 0.00	24.97 -0.38 0.00	26.51 -0.43 0.00
MARBLE_RIVER_WT_PWR 323696	15.84 0.09 0.00	17.38 -0.09 0.00	9.18 -0.12 0.00	14.85 -0.22 0.00	18.67 -0.23 0.00	17.36 0.09 0.00	14.27 0.18 0.00	16.24 0.33 0.00	17.80 -0.06 0.00	18.32 -0.07 0.00	20.04 0.19 0.00	21.37 0.22 0.00	25.14 0.43 0.00	25.90 0.42 0.00	25.38 0.37 0.00	29.69 0.56 0.00	31.45 0.73 0.00	32.21 1.00 0.00	30.59 0.72 0.00	30.71 0.78 0.00	30.78 0.82 0.00	25.65 0.42 0.00	25.69 0.34 0.00	27.59 0.65 0.00
MARSHVLE_115KV_TB1 80742	16.49 0.75 0.00	18.26 0.78 0.00	9.71 0.40 0.00	15.70 0.63 0.00	19.68 0.79 0.00	17.79 0.52 0.00	14.69 0.61 0.00	16.62 0.71 0.00	18.78 0.93 0.00	19.37 0.97 0.00	20.98 1.13 0.00	22.43 1.28 0.00	26.28 1.56 0.00	27.15 1.67 0.00	26.63 1.63 0.00	31.07 1.95 0.00	32.84 2.13 0.00	33.41 2.20 0.00	32.00 2.13 0.00	32.09 2.16 0.00	32.14 2.19 0.00	27.09 1.86 0.00	27.14 1.79 0.00	28.85 1.91 0.00
MARSH_HILL_WT_PWR 323713	14.63 -1.12 0.00	16.27 -1.21 0.00	8.65 -0.65 0.00	14.08 -1.00 0.00	17.74 -1.16 0.00	16.27 -1.00 0.00	13.30 -0.78 0.00	14.98 -0.93 0.00	16.91 -0.94 0.00	17.35 -1.04 0.00	18.83 -1.02 0.00	20.21 -0.94 0.00	23.86 -0.86 0.00	24.85 -0.64 0.00	24.68 -0.33 0.00	28.93 -0.19 0.00	30.61 -0.11 0.00	31.40 0.19 0.00	30.14 0.26 0.00	30.34 0.41 0.00	30.29 0.34 0.00	25.57 0.34 0.00	25.69 0.34 0.00	27.40 0.46 0.00
MCINTYRE_115KV_TB2 80467	15.79 0.05 0.00	17.49 0.01 0.00	9.30 -0.01 0.00	15.07 0.00 0.00	18.92 0.03 0.00	17.38 0.11 0.00	14.20 0.11 0.00	16.00 0.09 0.00	17.96 0.10 0.00	18.49 0.09 0.00	19.89 0.04 0.00	21.12 -0.02 0.00	24.73 0.01 0.00	25.50 0.02 0.00	25.00 -0.01 0.00	29.08 -0.05 0.00	30.70 -0.02 0.00	31.06 -0.15 0.00	29.72 -0.15 0.00	29.76 -0.17 0.00	29.80 -0.15 0.00	25.30 0.06 0.00	25.56 0.21 0.00	27.12 0.18 0.00
MECO____69_KV_BK1 80468	17.23 1.48 0.00	19.01 1.54 0.00	10.10 0.79 0.00	16.34 1.27 0.00	20.48 1.59 0.00	18.35 1.08 0.00	15.34 1.26 0.00	17.42 1.51 0.00	19.76 1.90 0.00	20.39 1.99 0.00	22.07 2.22 0.00	23.54 2.40 0.00	27.72 3.01 0.00	28.61 3.12 0.00	27.95 2.94 0.00	32.73 3.61 0.00	34.75 4.03 0.00	35.56 4.34 0.00	34.03 4.15 0.00	34.20 4.27 0.00	34.24 4.28 0.00	28.75 3.51 0.00	28.70 3.35 0.00	30.39 3.45 0.00
MENANDS__115KV_TB5 355628	16.29 0.54 0.00	18.07 0.60 0.00	9.64 0.33 0.00	15.59 0.52 0.00	19.51 0.62 0.00	17.81 0.54 0.00	14.51 0.43 0.00	16.38 0.47 0.00	18.32 0.47 0.00	18.87 0.48 0.00	20.27 0.43 0.00	21.58 0.44 0.00	25.18 0.47 0.00	25.95 0.46 0.00	25.47 0.46 0.00	29.67 0.54 0.00	31.33 0.62 0.00	31.93 0.71 0.00	30.59 0.71 0.00	30.62 0.69 0.00	30.64 0.68 0.00	25.75 0.51 0.00	25.81 0.46 0.00	27.42 0.48 0.00
MG INDUSTRY___DRP 24185	16.29 0.54 0.00	18.08 0.61 0.00	9.65 0.34 0.00	15.60 0.53 0.00	19.53 0.64 0.00	17.83 0.56 0.00	14.53 0.45 0.00	16.40 0.49 0.00	18.33 0.48 0.00	18.86 0.47 0.00	20.22 0.37 0.00	21.54 0.39 0.00	25.14 0.43 0.00	25.91 0.43 0.00	25.41 0.41 0.00	29.64 0.51 0.00	31.28 0.57 0.00	31.87 0.65 0.00	30.55 0.67 0.00	30.59 0.66 0.00	30.61 0.65 0.00	25.73 0.49 0.00	25.82 0.47 0.00	27.48 0.54 0.00
MID___OSWEGATCHIE_HYD 23849	15.41 -0.34 0.00	17.02 -0.45 0.00	9.05 -0.26 0.00	14.69 -0.38 0.00	18.41 -0.48 0.00	16.97 -0.30 0.00	13.87 -0.21 0.00	15.63 -0.28 0.00	17.54 -0.31 0.00	18.08 -0.31 0.00	19.56 -0.28 0.00	20.73 -0.41 0.00	24.22 -0.50 0.00	25.05 -0.43 0.00	24.64 -0.36 0.00	28.69 -0.44 0.00	30.28 -0.43 0.00	30.75 -0.47 0.00	29.51 -0.36 0.00	29.56 -0.37 0.00	29.68 -0.27 0.00	25.08 -0.16 0.00	25.42 0.07 0.00	27.00 0.06 0.00

MID___RAQUETTE_HYD 23851	15.45 -0.29 0.00	17.11 -0.37 0.00	9.09 -0.21 0.00	14.74 -0.33 0.00	18.51 -0.38 0.00	17.02 -0.25 0.00	13.90 -0.18 0.00	15.69 -0.22 0.00	17.59 -0.26 0.00	18.12 -0.28 0.00	19.46 -0.38 0.00	20.64 -0.51 0.00	24.15 -0.57 0.00	24.91 -0.58 0.00	24.39 -0.62 0.00	28.33 -0.80 0.00	29.89 -0.82 0.00	30.27 -0.95 0.00	28.94 -0.94 0.00	28.97 -0.96 0.00	29.03 -0.92 0.00	24.71 -0.53 0.00	25.12 -0.24 0.00	26.67 -0.27 0.00
MILLIKEN___1 23584	15.86 0.12 0.00	17.60 0.13 0.00	9.38 0.08 0.00	15.18 0.11 0.00	19.04 0.15 0.00	17.43 0.16 0.00	14.21 0.12 0.00	16.07 0.16 0.00	18.08 0.23 0.00	18.64 0.24 0.00	20.11 0.26 0.00	21.41 0.27 0.00	25.07 0.35 0.00	25.89 0.41 0.00	25.34 0.33 0.00	29.55 0.42 0.00	31.15 0.43 0.00	31.84 0.63 0.00	30.55 0.67 0.00	30.65 0.72 0.00	30.67 0.72 0.00	25.84 0.60 0.00	25.90 0.55 0.00	27.56 0.62 0.00
MILLIKEN___2 23585	15.86 0.12 0.00	17.60 0.13 0.00	9.38 0.08 0.00	15.18 0.11 0.00	19.04 0.15 0.00	17.43 0.16 0.00	14.21 0.12 0.00	16.07 0.16 0.00	18.08 0.23 0.00	18.64 0.24 0.00	20.11 0.26 0.00	21.41 0.27 0.00	25.07 0.35 0.00	25.89 0.41 0.00	25.34 0.33 0.00	29.55 0.42 0.00	31.15 0.43 0.00	31.84 0.63 0.00	30.55 0.67 0.00	30.65 0.72 0.00	30.67 0.72 0.00	25.84 0.60 0.00	25.90 0.55 0.00	27.56 0.62 0.00
MILLIKEN___DIESEL 23629	15.86 0.12 0.00	17.60 0.13 0.00	9.38 0.08 0.00	15.18 0.11 0.00	19.04 0.15 0.00	17.43 0.16 0.00	14.21 0.12 0.00	16.07 0.16 0.00	18.08 0.23 0.00	18.64 0.24 0.00	20.11 0.26 0.00	21.41 0.27 0.00	25.07 0.35 0.00	25.89 0.41 0.00	25.34 0.33 0.00	29.55 0.42 0.00	31.15 0.43 0.00	31.84 0.63 0.00	30.55 0.67 0.00	30.65 0.72 0.00	30.67 0.72 0.00	25.84 0.60 0.00	25.90 0.55 0.00	27.56 0.62 0.00
MILLSEAT___LFGE 323607	15.35 -0.39 0.00	17.06 -0.41 0.00	9.09 -0.22 0.00	14.72 -0.35 0.00	18.50 -0.39 0.00	16.92 -0.35 0.00	13.84 -0.24 0.00	15.49 -0.41 0.00	17.55 -0.31 0.00	18.10 -0.29 0.00	19.53 -0.32 0.00	20.83 -0.31 0.00	24.46 -0.25 0.00	25.21 -0.28 0.00	24.80 -0.21 0.00	28.81 -0.32 0.00	30.26 -0.46 0.00	30.66 -0.56 0.00	29.24 -0.63 0.00	29.42 -0.51 0.00	29.47 -0.48 0.00	25.05 -0.19 0.00	25.13 -0.22 0.00	27.01 0.07 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	16.66 0.91 0.00	18.46 0.99 0.00	9.83 0.53 0.00	15.91 0.84 0.00	19.95 1.06 0.00	18.19 0.93 0.00	14.86 0.77 0.00	16.81 0.90 0.00	18.87 1.02 0.00	19.45 1.05 0.00	21.02 1.17 0.00	22.36 1.21 0.00	26.08 1.36 0.00	26.88 1.40 0.00	26.37 1.37 0.00	30.74 1.61 0.00	32.44 1.73 0.00	33.15 1.93 0.00	31.75 1.88 0.00	31.76 1.84 0.00	31.80 1.84 0.00	26.71 1.47 0.00	26.78 1.43 0.00	28.30 1.36 0.00
MILLWOOD_13_KV_LOAD 356217	16.69 0.95 0.00	18.50 1.02 0.00	9.85 0.54 0.00	15.94 0.87 0.00	19.99 1.10 0.00	18.23 0.96 0.00	14.88 0.80 0.00	16.84 0.94 0.00	18.91 1.05 0.00	19.49 1.09 0.00	21.07 1.22 0.00	22.41 1.27 0.00	26.14 1.43 0.00	26.95 1.46 0.00	26.43 1.42 0.00	30.82 1.69 0.00	32.52 1.80 0.00	33.23 2.01 0.00	31.84 1.96 0.00	31.85 1.92 0.00	31.87 1.92 0.00	26.77 1.53 0.00	26.84 1.48 0.00	28.35 1.42 0.00
MODEL_CITY_ENERGY 24167	14.95 -0.80 0.00	16.62 -0.85 0.00	8.86 -0.44 0.00	14.36 -0.72 0.00	18.04 -0.85 0.00	16.49 -0.78 0.00	13.49 -0.59 0.00	15.06 -0.84 0.00	17.04 -0.82 0.00	17.60 -0.80 0.00	19.00 -0.85 0.00	20.32 -0.83 0.00	23.81 -0.90 0.00	24.60 -0.88 0.00	24.16 -0.85 0.00	28.10 -1.03 0.00	29.41 -1.31 0.00	29.69 -1.53 0.00	28.26 -1.62 0.00	28.41 -1.52 0.00	28.45 -1.51 0.00	24.24 -1.00 0.00	24.38 -0.97 0.00	26.28 -0.66 0.00
MODERN_LFGE___ 323580	14.95 -0.80 0.00	16.62 -0.85 0.00	8.86 -0.44 0.00	14.36 -0.72 0.00	18.04 -0.85 0.00	16.49 -0.78 0.00	13.49 -0.59 0.00	15.06 -0.84 0.00	17.04 -0.82 0.00	17.60 -0.80 0.00	19.00 -0.85 0.00	20.32 -0.83 0.00	23.81 -0.90 0.00	24.60 -0.88 0.00	24.16 -0.85 0.00	28.10 -1.03 0.00	29.41 -1.31 0.00	29.69 -1.53 0.00	28.26 -1.62 0.00	28.41 -1.52 0.00	28.45 -1.51 0.00	24.24 -1.00 0.00	24.38 -0.97 0.00	26.28 -0.66 0.00
MOHAWK_PAPER___DRP 24187	16.31 0.56 0.00	18.10 0.63 0.00	9.65 0.35 0.00	15.61 0.54 0.00	19.54 0.65 0.00	17.84 0.57 0.00	14.53 0.45 0.00	16.41 0.50 0.00	18.37 0.52 0.00	18.93 0.53 0.00	20.34 0.49 0.00	21.66 0.51 0.00	25.27 0.56 0.00	26.05 0.56 0.00	25.56 0.56 0.00	29.78 0.65 0.00	31.46 0.74 0.00	32.05 0.83 0.00	30.71 0.83 0.00	30.74 0.80 0.00	30.76 0.81 0.00	25.85 0.61 0.00	25.90 0.55 0.00	27.50 0.56 0.00
MOHICAN__35_KV_115KV_LD 80490	16.48 0.73 0.00	18.25 0.77 0.00	9.69 0.39 0.00	15.69 0.61 0.00	19.65 0.76 0.00	17.98 0.71 0.00	14.65 0.57 0.00	16.58 0.68 0.00	18.60 0.74 0.00	19.22 0.82 0.00	20.78 0.94 0.00	22.12 0.97 0.00	25.80 1.08 0.00	26.55 1.06 0.00	26.07 1.06 0.00	30.45 1.32 0.00	32.25 1.53 0.00	32.85 1.63 0.00	31.49 1.61 0.00	31.47 1.54 0.00	31.42 1.46 0.00	26.34 1.10 0.00	26.26 0.91 0.00	27.68 0.74 0.00
MONGAUP___HYD 23641	16.68 0.93 0.00	18.49 1.01 0.00	9.83 0.52 0.00	15.89 0.82 0.00	19.91 1.02 0.00	18.23 0.96 0.00	14.89 0.80 0.00	16.79 0.89 0.00	18.92 1.07 0.00	19.49 1.10 0.00	21.10 1.26 0.00	22.37 1.23 0.00	26.18 1.47 0.00	26.95 1.46 0.00	26.35 1.35 0.00	30.86 1.73 0.00	32.46 1.74 0.00	33.33 2.11 0.00	31.74 1.86 0.00	31.83 1.90 0.00	31.73 1.77 0.00	26.74 1.50 0.00	26.99 1.64 0.00	28.48 1.54 0.00
MONTAUK___DIESEL 23721	17.46 1.71 0.00	19.27 1.79 0.00	10.27 0.96 0.00	16.58 1.51 0.00	20.77 1.88 0.00	18.90 1.63 0.00	15.54 1.46 0.00	17.60 1.70 0.00	19.73 1.87 0.00	21.92 2.03 -1.49	22.38 1.98 -0.56	22.91 1.96 0.19	28.04 2.27 -1.06	28.76 2.34 -0.93	27.79 2.31 -0.48	32.28 2.84 -0.31	33.70 2.92 -0.07	34.19 2.97 0.00	32.44 2.57 0.00	32.00 2.07 0.00	31.97 2.02 0.00	26.88 1.64 0.00	27.18 1.83 0.00	28.62 1.68 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	15.05 -0.70 0.00	16.69 -0.78 0.00	8.88 -0.43 0.00	14.41 -0.66 0.00	18.10 -0.79 0.00	16.56 -0.70 0.00	13.51 -0.57 0.00	15.22 -0.69 0.00	17.20 -0.65 0.00	17.79 -0.60 0.00	19.22 -0.63 0.00	20.71 -0.43 0.00	24.54 -0.18 0.00	25.54 0.05 0.00	25.25 0.25 0.00	29.58 0.45 0.00	31.06 0.34 0.00	31.75 0.54 0.00	30.37 0.50 0.00	30.50 0.57 0.00	30.36 0.41 0.00	25.83 0.59 0.00	26.01 0.66 0.00	27.93 0.99 0.00
MORTIMER_115KV_TB3 55949	15.41 -0.34 0.00	17.11 -0.37 0.00	9.11 -0.20 0.00	14.77 -0.31 0.00	18.53 -0.36 0.00	16.94 -0.32 0.00	13.84 -0.25 0.00	15.56 -0.34 0.00	17.57 -0.29 0.00	18.12 -0.27 0.00	19.54 -0.30 0.00	20.86 -0.28 0.00	24.45 -0.26 0.00	25.23 -0.26 0.00	24.76 -0.25 0.00	28.80 -0.33 0.00	30.27 -0.45 0.00	30.70 -0.52 0.00	29.32 -0.55 0.00	29.45 -0.48 0.00	29.51 -0.45 0.00	24.97 -0.26 0.00	25.06 -0.29 0.00	26.82 -0.12 0.00

MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	16.73 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.90 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.91 0.82 0.00	16.88 0.97 0.00	18.95 1.09 0.00	19.52 1.13 0.00	21.11 1.26 0.00	22.46 1.31 0.00	26.19 1.48 0.00	27.00 1.51 0.00	26.48 1.48 0.00	30.88 1.75 0.00	32.57 1.85 0.00	33.28 2.06 0.00	31.87 1.99 0.00	31.88 1.95 0.00	31.90 1.95 0.00	26.80 1.56 0.00	26.88 1.53 0.00	28.41 1.47 0.00
MUNSVILLE_WIND_PWR 323609	16.16 0.41 0.00	17.90 0.43 0.00	9.49 0.18 0.00	15.31 0.24 0.00	19.20 0.31 0.00	17.64 0.37 0.00	14.40 0.32 0.00	16.32 0.42 0.00	18.44 0.59 0.00	19.03 0.63 0.00	20.55 0.71 0.00	21.92 0.78 0.00	25.64 0.93 0.00	26.58 1.09 0.00	26.11 1.10 0.00	30.56 1.43 0.00	32.56 1.85 0.00	33.44 2.22 0.00	32.02 2.15 0.00	32.32 2.39 0.00	32.31 2.36 0.00	27.21 1.98 0.00	27.14 1.79 0.00	28.84 1.90 0.00
N SALMON___HYD 24042	15.75 0.00 0.00	17.39 -0.09 0.00	9.20 -0.11 0.00	14.92 -0.15 0.00	18.80 -0.09 0.00	17.38 0.11 0.00	14.22 0.13 0.00	16.11 0.20 0.00	17.92 0.06 0.00	18.45 0.06 0.00	19.96 0.12 0.00	21.24 0.10 0.00	24.88 0.16 0.00	25.60 0.11 0.00	25.16 0.16 0.00	29.33 0.20 0.00	30.98 0.26 0.00	31.54 0.32 0.00	30.08 0.21 0.00	30.14 0.20 0.00	30.17 0.21 0.00	25.41 0.17 0.00	25.57 0.22 0.00	27.28 0.34 0.00
N.AKRON___115KV_KNAPP 355671	15.30 -0.45 0.00	17.01 -0.47 0.00	9.06 -0.25 0.00	14.69 -0.39 0.00	18.45 -0.44 0.00	16.87 -0.40 0.00	13.80 -0.28 0.00	15.45 -0.45 0.00	17.48 -0.37 0.00	18.04 -0.36 0.00	19.46 -0.38 0.00	20.78 -0.36 0.00	24.41 -0.31 0.00	25.19 -0.30 0.00	24.74 -0.27 0.00	28.75 -0.38 0.00	30.18 -0.54 0.00	30.54 -0.68 0.00	29.11 -0.77 0.00	29.27 -0.66 0.00	29.32 -0.63 0.00	24.94 -0.30 0.00	25.04 -0.31 0.00	26.93 -0.01 0.00
N.BELMOR_69_KV_BK1 55787	16.89 1.14 0.00	18.68 1.20 0.00	9.93 0.62 0.00	16.03 0.95 0.00	20.04 1.15 0.00	18.28 1.01 0.00	15.01 0.92 0.00	16.97 1.06 0.00	19.07 1.22 0.00	21.19 1.33 -1.47	24.66 1.55 -3.26	24.70 1.56 -2.00	32.59 1.71 -6.16	32.73 1.79 -5.45	29.63 1.80 -2.82	33.14 2.13 -1.87	33.28 2.16 -0.40	33.61 2.39 -0.01	32.01 2.13 0.00	31.94 2.01 0.00	31.95 2.00 0.00	26.86 1.62 0.00	27.11 1.75 -0.01	28.56 1.61 0.00
N.E_GEN_SANDY PD 24062	16.86 0.81 -0.30	18.63 0.90 -0.25	13.64 0.49 -3.85	18.39 0.78 -2.54	19.84 0.95 0.00	18.35 0.83 -0.24	14.75 0.67 0.00	16.67 0.76 0.00	18.68 0.83 0.00	19.31 0.87 -0.04	20.82 0.97 0.00	22.12 0.97 0.00	25.81 1.10 0.00	26.59 1.11 0.00	26.09 1.09 0.00	30.42 1.29 0.00	34.25 1.43 -2.11	33.27 1.58 -0.48	35.22 1.55 -3.79	32.56 1.52 -1.11	31.48 1.52 0.00	26.43 1.19 0.00	27.26 1.12 -0.79	27.94 1.00 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	16.62 0.87 0.00	18.41 0.94 0.00	9.80 0.49 0.00	15.87 0.80 0.00	19.90 1.01 0.00	18.16 0.89 0.00	14.82 0.74 0.00	16.76 0.85 0.00	18.82 0.97 0.00	19.38 0.98 0.00	20.96 1.11 0.00	22.30 1.15 0.00	26.02 1.31 0.00	26.82 1.34 0.00	26.30 1.30 0.00	30.66 1.53 0.00	32.36 1.64 0.00	33.05 1.84 0.00	31.69 1.81 0.00	31.71 1.78 0.00	31.77 1.81 0.00	26.69 1.45 0.00	26.75 1.40 0.00	28.30 1.36 0.00
N.QUEENS_27_KV_LOAD 356247	16.74 0.99 0.00	18.53 1.06 0.00	9.87 0.56 0.00	16.03 0.96 0.00	20.12 1.23 0.00	18.28 1.01 0.00	14.90 0.82 0.00	16.95 1.05 0.00	19.01 1.16 0.00	19.56 1.17 0.00	21.17 1.33 0.00	22.52 1.37 0.00	26.19 1.48 0.00	27.03 1.54 0.00	26.53 1.52 0.00	30.92 1.79 0.00	32.60 1.89 0.00	33.32 2.11 0.00	31.92 2.04 0.00	31.93 2.00 0.00	31.97 2.01 0.00	26.85 1.61 0.00	26.99 1.64 0.00	28.44 1.50 0.00
N.TROY___115KV_TB1 355778	16.34 0.59 0.00	18.15 0.67 0.00	9.67 0.36 0.00	15.65 0.58 0.00	19.58 0.69 0.00	17.86 0.59 0.00	14.54 0.45 0.00	16.43 0.52 0.00	18.41 0.56 0.00	18.97 0.58 0.00	20.45 0.60 0.00	21.76 0.62 0.00	25.40 0.69 0.00	26.17 0.68 0.00	25.68 0.67 0.00	29.92 0.79 0.00	31.61 0.90 0.00	32.20 0.98 0.00	30.84 0.96 0.00	30.86 0.93 0.00	30.89 0.93 0.00	25.95 0.71 0.00	25.99 0.64 0.00	27.51 0.57 0.00
NARROWS_GT1_1 24228	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.95 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.69 1.98 0.00	33.38 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
NARROWS_GT1_2 24229	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.95 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.69 1.98 0.00	33.38 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
NARROWS_GT1_3 24230	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.95 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.69 1.98 0.00	33.38 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
NARROWS_GT1_4 24231	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.95 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.69 1.98 0.00	33.38 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
NARROWS_GT1_5 24232	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.95 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.69 1.98 0.00	33.38 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
NARROWS_GT1_6 24233	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.95 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.69 1.98 0.00	33.38 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00

NARROWS_GT1_7 24234	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.95 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.69 1.98 0.00	33.38 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
NARROWS_GT1_8 24235	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.95 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.69 1.98 0.00	33.38 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
NARROWS_GT2_1 24236	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.95 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.69 1.98 0.00	33.38 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
NARROWS_GT2_2 24237	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.95 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.69 1.98 0.00	33.38 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
NARROWS_GT2_3 24238	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.95 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.69 1.98 0.00	33.38 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
NARROWS_GT2_4 24239	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.95 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.69 1.98 0.00	33.38 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
NARROWS_GT2_5 24240	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.95 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.69 1.98 0.00	33.38 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
NARROWS_GT2_6 24241	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.95 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.69 1.98 0.00	33.38 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
NARROWS_GT2_7 24242	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.95 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.69 1.98 0.00	33.38 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
NARROWS_GT2_8 24243	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.95 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.69 1.98 0.00	33.38 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	16.55 0.81 0.00	18.37 0.89 0.00	9.80 0.49 0.00	15.85 0.77 0.00	19.81 0.92 0.00	18.10 0.83 0.00	14.76 0.68 0.00	16.67 0.77 0.00	18.66 0.81 0.00	19.23 0.83 0.00	20.54 0.69 0.00	21.89 0.75 0.00	25.57 0.86 0.00	26.34 0.85 0.00	25.82 0.82 0.00	30.11 0.98 0.00	31.82 1.11 0.00	32.43 1.22 0.00	31.12 1.25 0.00	31.21 1.28 0.00	31.20 1.25 0.00	26.17 0.93 0.00	26.19 0.84 0.00	27.86 0.92 0.00
NCHELSEA_115KV_TR2 355582	16.80 1.06 0.00	18.62 1.14 0.00	9.92 0.61 0.00	16.05 0.97 0.00	20.11 1.22 0.00	18.36 1.09 0.00	14.99 0.90 0.00	16.97 1.06 0.00	19.08 1.22 0.00	19.67 1.28 0.00	21.28 1.43 0.00	22.65 1.51 0.00	26.44 1.73 0.00	27.25 1.76 0.00	26.73 1.72 0.00	31.16 2.03 0.00	32.89 2.18 0.00	33.61 2.39 0.00	32.22 2.34 0.00	32.24 2.31 0.00	32.27 2.32 0.00	27.08 1.85 0.00	27.11 1.76 0.00	28.64 1.70 0.00
NEG CAPITAL___MECHNVIL 23645	16.44 0.69 0.00	18.25 0.77 0.00	9.71 0.41 0.00	15.72 0.65 0.00	19.68 0.79 0.00	17.98 0.71 0.00	14.65 0.56 0.00	16.56 0.65 0.00	18.58 0.73 0.00	19.17 0.78 0.00	20.70 0.85 0.00	22.03 0.88 0.00	25.72 1.00 0.00	26.49 1.00 0.00	26.01 1.00 0.00	30.33 1.20 0.00	32.05 1.33 0.00	32.66 1.44 0.00	31.27 1.40 0.00	31.30 1.38 0.00	31.30 1.35 0.00	26.27 1.03 0.00	26.28 0.92 0.00	27.78 0.84 0.00
NEG CENTRAL_HIGH_ACRES 23767	15.14 -0.60 0.00	16.82 -0.66 0.00	8.96 -0.35 0.00	14.50 -0.57 0.00	18.21 -0.68 0.00	16.65 -0.62 0.00	13.60 -0.49 0.00	15.30 -0.60 0.00	17.28 -0.58 0.00	17.83 -0.57 0.00	19.25 -0.60 0.00	20.53 -0.61 0.00	24.04 -0.67 0.00	24.80 -0.69 0.00	24.35 -0.65 0.00	28.30 -0.83 0.00	29.75 -0.97 0.00	30.24 -0.98 0.00	28.91 -0.96 0.00	29.02 -0.91 0.00	29.06 -0.89 0.00	24.54 -0.70 0.00	24.61 -0.74 0.00	26.29 -0.65 0.00
NEG CENTRAL___DRP 24199	15.58 -0.17 0.00	17.28 -0.20 0.00	9.21 -0.10 0.00	14.92 -0.16 0.00	18.72 -0.17 0.00	17.13 -0.14 0.00	13.98 -0.10 0.00	15.79 -0.11 0.00	17.78 -0.07 0.00	18.31 -0.08 0.00	19.76 -0.09 0.00	21.06 -0.08 0.00	24.63 -0.08 0.00	25.47 -0.01 0.00	24.98 -0.03 0.00	29.03 -0.10 0.00	30.56 -0.15 0.00	31.23 0.02 0.00	30.00 0.13 0.00	30.10 0.17 0.00	30.11 0.16 0.00	25.41 0.18 0.00	25.49 0.14 0.00	27.16 0.22 0.00

NEG CENTRAL___INDECK 23768	15.50 -0.25 0.00	17.21 -0.27 0.00	9.16 -0.15 0.00	14.85 -0.22 0.00	18.66 -0.23 0.00	17.08 -0.19 0.00	13.98 -0.11 0.00	15.72 -0.18 0.00	17.73 -0.12 0.00	18.23 -0.16 0.00	19.59 -0.25 0.00	20.98 -0.16 0.00	24.74 0.02 0.00	25.42 -0.07 0.00	25.00 0.00 0.00	29.16 0.03 0.00	30.78 0.06 0.00	31.31 0.09 0.00	30.23 0.36 0.00	30.51 0.58 0.00	30.65 0.70 0.00	25.94 0.70 0.00	25.97 0.62 0.00	27.73 0.78 0.00
NEG CENTRAL___SENECA 23627	15.55 -0.20 0.00	17.25 -0.23 0.00	9.19 -0.12 0.00	14.90 -0.18 0.00	18.69 -0.20 0.00	17.11 -0.16 0.00	13.98 -0.11 0.00	15.80 -0.11 0.00	17.79 -0.06 0.00	18.31 -0.09 0.00	19.75 -0.10 0.00	21.07 -0.07 0.00	24.63 -0.08 0.00	25.49 0.00 0.00	25.03 0.03 0.00	29.06 -0.07 0.00	30.57 -0.14 0.00	31.28 0.06 0.00	30.09 0.22 0.00	30.22 0.29 0.00	30.20 0.24 0.00	25.51 0.28 0.00	25.59 0.24 0.00	27.26 0.32 0.00
NEG CENTRAL___STATE_STREET 24147	15.73 -0.02 0.00	17.43 -0.04 0.00	9.32 0.01 0.00	15.05 -0.03 0.00	18.91 0.02 0.00	17.31 0.04 0.00	14.08 0.00 0.00	15.90 -0.01 0.00	17.92 0.07 0.00	18.49 0.09 0.00	19.96 0.11 0.00	21.20 0.05 0.00	24.86 0.15 0.00	25.69 0.20 0.00	25.10 0.10 0.00	29.21 0.08 0.00	30.74 0.03 0.00	31.47 0.26 0.00	30.19 0.31 0.00	30.18 0.25 0.00	30.28 0.33 0.00	25.52 0.28 0.00	25.61 0.26 0.00	27.27 0.33 0.00
NEG MILLWOOD___DRP 24198	16.81 1.06 0.00	18.62 1.14 0.00	9.91 0.61 0.00	16.04 0.97 0.00	20.11 1.22 0.00	18.35 1.08 0.00	14.99 0.90 0.00	16.97 1.06 0.00	19.08 1.23 0.00	19.68 1.28 0.00	21.29 1.44 0.00	22.66 1.51 0.00	26.44 1.73 0.00	27.26 1.77 0.00	26.73 1.73 0.00	31.17 2.05 0.00	32.90 2.19 0.00	33.63 2.41 0.00	32.22 2.34 0.00	32.24 2.31 0.00	32.27 2.31 0.00	27.08 1.84 0.00	27.10 1.75 0.00	28.62 1.67 0.00
NEG NORTH_FLCN_SEA 23793	15.93 0.18 0.00	17.51 0.04 0.00	9.26 -0.05 0.00	14.98 -0.09 0.00	18.84 -0.05 0.00	17.48 0.21 0.00	14.35 0.26 0.00	16.32 0.41 0.00	17.99 0.14 0.00	18.52 0.12 0.00	20.18 0.34 0.00	21.52 0.37 0.00	25.28 0.57 0.00	26.03 0.54 0.00	25.54 0.53 0.00	29.86 0.73 0.00	31.61 0.89 0.00	32.34 1.13 0.00	30.77 0.89 0.00	30.87 0.94 0.00	30.91 0.95 0.00	25.80 0.56 0.00	25.83 0.48 0.00	27.69 0.75 0.00
NEG NORTH_KES_CHATEGAY 23792	15.73 -0.02 0.00	17.36 -0.12 0.00	9.18 -0.13 0.00	14.87 -0.20 0.00	18.76 -0.13 0.00	17.37 0.10 0.00	14.20 0.12 0.00	16.09 0.19 0.00	17.85 -0.01 0.00	18.35 -0.04 0.00	19.89 0.04 0.00	21.16 0.02 0.00	24.80 0.09 0.00	25.52 0.04 0.00	25.10 0.09 0.00	29.30 0.17 0.00	30.95 0.23 0.00	31.56 0.34 0.00	30.10 0.23 0.00	30.17 0.24 0.00	30.20 0.25 0.00	25.36 0.12 0.00	25.47 0.11 0.00	27.22 0.28 0.00
NEG NORTH___ALICE_FALLS 23915	15.91 0.16 0.00	17.50 0.02 0.00	9.25 -0.06 0.00	14.97 -0.10 0.00	18.83 -0.05 0.00	17.47 0.20 0.00	14.33 0.25 0.00	16.30 0.39 0.00	18.00 0.15 0.00	18.54 0.14 0.00	20.19 0.34 0.00	21.53 0.38 0.00	25.27 0.56 0.00	26.02 0.53 0.00	25.54 0.53 0.00	29.84 0.71 0.00	31.58 0.86 0.00	32.31 1.09 0.00	30.75 0.87 0.00	30.84 0.91 0.00	30.87 0.92 0.00	25.79 0.55 0.00	25.83 0.48 0.00	27.65 0.70 0.00
NEG NORTH___LWR_SARANAC 23913	15.91 0.16 0.00	17.50 0.02 0.00	9.25 -0.06 0.00	14.97 -0.10 0.00	18.83 -0.05 0.00	17.47 0.20 0.00	14.33 0.25 0.00	16.30 0.39 0.00	18.00 0.15 0.00	18.54 0.14 0.00	20.19 0.34 0.00	21.53 0.38 0.00	25.27 0.56 0.00	26.02 0.53 0.00	25.54 0.53 0.00	29.84 0.71 0.00	31.58 0.86 0.00	32.31 1.09 0.00	30.75 0.87 0.00	30.84 0.91 0.00	30.87 0.92 0.00	25.79 0.55 0.00	25.83 0.48 0.00	27.65 0.70 0.00
NEG NORTH___PLATTSBURG 23628	15.91 0.16 0.00	17.50 0.02 0.00	9.25 -0.06 0.00	14.97 -0.10 0.00	18.83 -0.05 0.00	17.47 0.20 0.00	14.33 0.25 0.00	16.30 0.39 0.00	18.00 0.15 0.00	18.54 0.14 0.00	20.19 0.34 0.00	21.52 0.38 0.00	25.27 0.56 0.00	26.02 0.53 0.00	25.54 0.53 0.00	29.84 0.71 0.00	31.58 0.86 0.00	32.31 1.09 0.00	30.75 0.87 0.00	30.84 0.91 0.00	30.87 0.92 0.00	25.79 0.55 0.00	25.83 0.48 0.00	27.65 0.70 0.00
NEG WEST_LEA_LOCKPORT 23791	15.09 -0.66 0.00	16.78 -0.70 0.00	8.94 -0.36 0.00	14.50 -0.57 0.00	18.21 -0.68 0.00	16.65 -0.62 0.00	13.62 -0.46 0.00	15.23 -0.68 0.00	17.22 -0.64 0.00	17.77 -0.62 0.00	19.18 -0.66 0.00	20.51 -0.63 0.00	24.06 -0.65 0.00	24.86 -0.63 0.00	24.42 -0.59 0.00	28.40 -0.73 0.00	29.75 -0.96 0.00	30.04 -1.17 0.00	28.61 -1.26 0.00	28.77 -1.16 0.00	28.81 -1.15 0.00	24.54 -0.70 0.00	24.67 -0.69 0.00	26.59 -0.35 0.00
NEG WEST___LANCASTR 23811	15.73 -0.02 0.00	17.49 0.01 0.00	9.31 0.01 0.00	15.12 0.05 0.00	18.95 0.06 0.00	17.36 0.09 0.00	14.16 0.08 0.00	15.94 0.04 0.00	17.96 0.11 0.00	18.52 0.12 0.00	19.93 0.08 0.00	21.30 0.16 0.00	24.96 0.24 0.00	25.81 0.32 0.00	25.35 0.35 0.00	29.54 0.42 0.00	30.99 0.27 0.00	31.39 0.18 0.00	29.94 0.07 0.00	30.12 0.19 0.00	30.12 0.17 0.00	25.61 0.37 0.00	25.79 0.44 0.00	27.73 0.79 0.00
NEG_PENN_ALLEGHNY 23528	15.79 0.04 0.00	17.53 0.06 0.00	9.33 0.03 0.00	15.14 0.06 0.00	18.97 0.08 0.00	17.36 0.09 0.00	14.16 0.08 0.00	16.02 0.12 0.00	18.00 0.15 0.00	18.52 0.12 0.00	19.98 0.13 0.00	21.32 0.18 0.00	24.91 0.20 0.00	25.74 0.25 0.00	25.26 0.25 0.00	29.44 0.31 0.00	31.05 0.33 0.00	31.68 0.46 0.00	30.32 0.44 0.00	30.45 0.52 0.00	30.41 0.46 0.00	25.64 0.40 0.00	25.78 0.42 0.00	27.45 0.51 0.00
NEG___GEN_MONROE 24207	15.49 -0.26 0.00	17.20 -0.27 0.00	9.16 -0.15 0.00	14.85 -0.23 0.00	18.63 -0.25 0.00	17.04 -0.23 0.00	13.92 -0.16 0.00	15.65 -0.26 0.00	17.67 -0.18 0.00	18.24 -0.16 0.00	19.66 -0.19 0.00	20.98 -0.17 0.00	24.60 -0.12 0.00	25.37 -0.11 0.00	24.90 -0.11 0.00	28.95 -0.17 0.00	30.45 -0.26 0.00	30.89 -0.33 0.00	29.51 -0.37 0.00	29.65 -0.27 0.00	29.70 -0.25 0.00	25.16 -0.08 0.00	25.23 -0.12 0.00	27.02 0.08 0.00
NEPA___ENERGY 23901	15.38 -0.36 0.00	17.09 -0.39 0.00	9.10 -0.21 0.00	14.81 -0.27 0.00	18.59 -0.30 0.00	17.03 -0.24 0.00	13.90 -0.18 0.00	15.68 -0.22 0.00	17.65 -0.21 0.00	18.11 -0.28 0.00	19.53 -0.31 0.00	20.92 -0.23 0.00	24.53 -0.18 0.00	25.43 -0.06 0.00	25.00 0.00 0.00	29.18 0.05 0.00	30.66 -0.05 0.00	31.25 0.04 0.00	29.83 -0.05 0.00	30.02 0.08 0.00	29.91 -0.04 0.00	25.43 0.19 0.00	25.66 0.30 0.00	27.59 0.64 0.00
NEVERSINK___HYD 23608	16.37 0.62 0.00	18.14 0.66 0.00	9.66 0.35 0.00	15.62 0.55 0.00	19.59 0.70 0.00	17.89 0.62 0.00	14.61 0.53 0.00	16.54 0.64 0.00	18.63 0.78 0.00	19.22 0.82 0.00	20.82 0.98 0.00	22.17 1.03 0.00	25.87 1.16 0.00	26.65 1.17 0.00	26.13 1.13 0.00	30.45 1.32 0.00	32.15 1.43 0.00	32.88 1.66 0.00	31.54 1.66 0.00	31.57 1.64 0.00	31.60 1.65 0.00	26.54 1.31 0.00	26.57 1.21 0.00	28.05 1.11 0.00

NEWKRMKL_115KV_TB1 55635	16.28 0.53 0.00	18.05 0.58 0.00	9.64 0.33 0.00	15.58 0.51 0.00	19.49 0.60 0.00	17.80 0.54 0.00	14.51 0.43 0.00	16.38 0.47 0.00	18.25 0.40 0.00	18.78 0.39 0.00	20.07 0.23 0.00	21.37 0.23 0.00	24.95 0.24 0.00	25.71 0.23 0.00	25.23 0.22 0.00	29.40 0.27 0.00	31.05 0.33 0.00	31.64 0.42 0.00	30.31 0.43 0.00	30.34 0.41 0.00	30.36 0.41 0.00	25.50 0.27 0.00	25.60 0.25 0.00	27.31 0.37 0.00
NEWTON___FALLS_HYD 23847	15.41 -0.34 0.00	17.02 -0.45 0.00	9.05 -0.26 0.00	14.69 -0.38 0.00	18.41 -0.48 0.00	16.97 -0.30 0.00	13.87 -0.21 0.00	15.63 -0.28 0.00	17.54 -0.31 0.00	18.08 -0.31 0.00	19.56 -0.28 0.00	20.73 -0.41 0.00	24.22 -0.50 0.00	25.05 -0.43 0.00	24.64 -0.36 0.00	28.69 -0.44 0.00	30.28 -0.43 0.00	30.75 -0.47 0.00	29.51 -0.36 0.00	29.56 -0.37 0.00	29.68 -0.27 0.00	25.08 -0.16 0.00	25.42 0.07 0.00	27.00 0.06 0.00
NGRID_A1_DSASP 323792	14.91 -0.83 0.00	16.59 -0.88 0.00	8.85 -0.46 0.00	14.33 -0.74 0.00	18.01 -0.88 0.00	16.46 -0.81 0.00	13.47 -0.61 0.00	15.03 -0.88 0.00	16.99 -0.86 0.00	17.55 -0.84 0.00	18.95 -0.89 0.00	20.27 -0.87 0.00	23.74 -0.97 0.00	24.53 -0.96 0.00	24.09 -0.92 0.00	28.01 -1.12 0.00	29.28 -1.44 0.00	29.52 -1.70 0.00	28.10 -1.78 0.00	28.24 -1.69 0.00	28.27 -1.68 0.00	24.11 -1.13 0.00	24.26 -1.09 0.00	26.23 -0.71 0.00
NGRID_A2_DSASP 323793	14.91 -0.83 0.00	16.59 -0.88 0.00	8.85 -0.46 0.00	14.33 -0.74 0.00	18.01 -0.88 0.00	16.46 -0.81 0.00	13.47 -0.61 0.00	15.03 -0.88 0.00	16.99 -0.86 0.00	17.55 -0.84 0.00	18.95 -0.89 0.00	20.27 -0.87 0.00	23.74 -0.97 0.00	24.53 -0.96 0.00	24.09 -0.92 0.00	28.01 -1.12 0.00	29.28 -1.44 0.00	29.52 -1.70 0.00	28.10 -1.78 0.00	28.24 -1.69 0.00	28.27 -1.68 0.00	24.11 -1.13 0.00	24.26 -1.09 0.00	26.23 -0.71 0.00
NGRID_A4_DSASP 323807	14.91 -0.83 0.00	16.59 -0.88 0.00	8.85 -0.46 0.00	14.33 -0.74 0.00	18.01 -0.88 0.00	16.46 -0.81 0.00	13.47 -0.61 0.00	15.03 -0.88 0.00	16.99 -0.86 0.00	17.55 -0.84 0.00	18.95 -0.89 0.00	20.27 -0.87 0.00	23.74 -0.97 0.00	24.53 -0.96 0.00	24.09 -0.92 0.00	28.01 -1.12 0.00	29.28 -1.44 0.00	29.52 -1.70 0.00	28.10 -1.78 0.00	28.24 -1.69 0.00	28.27 -1.68 0.00	24.11 -1.13 0.00	24.26 -1.09 0.00	26.23 -0.71 0.00
NIAGARA_115E_LBMP 323715	14.87 -0.88 0.00	16.53 -0.94 0.00	8.82 -0.49 0.00	14.28 -0.79 0.00	17.95 -0.94 0.00	16.40 -0.87 0.00	13.42 -0.66 0.00	14.98 -0.93 0.00	16.94 -0.92 0.00	17.50 -0.89 0.00	18.89 -0.95 0.00	20.21 -0.93 0.00	23.68 -1.03 0.00	24.46 -1.03 0.00	24.02 -0.98 0.00	27.94 -1.19 0.00	29.22 -1.50 0.00	29.49 -1.73 0.00	28.06 -1.82 0.00	28.20 -1.73 0.00	28.25 -1.71 0.00	24.09 -1.15 0.00	24.22 -1.13 0.00	26.13 -0.81 0.00
NIAGARA_115W_LBMP 323714	14.88 -0.86 0.00	16.56 -0.92 0.00	8.83 -0.48 0.00	14.30 -0.77 0.00	17.97 -0.91 0.00	16.42 -0.84 0.00	13.44 -0.64 0.00	15.00 -0.91 0.00	16.96 -0.90 0.00	17.52 -0.88 0.00	18.91 -0.93 0.00	20.23 -0.91 0.00	23.69 -1.02 0.00	24.48 -1.01 0.00	24.03 -0.97 0.00	27.95 -1.18 0.00	29.22 -1.50 0.00	29.46 -1.76 0.00	28.03 -1.84 0.00	28.18 -1.75 0.00	28.21 -1.74 0.00	24.06 -1.18 0.00	24.21 -1.15 0.00	26.18 -0.76 0.00
NIAGARA_230_LBMP 323716	15.01 -0.74 0.00	16.70 -0.78 0.00	8.90 -0.40 0.00	14.42 -0.65 0.00	18.12 -0.76 0.00	16.56 -0.71 0.00	13.54 -0.54 0.00	15.14 -0.77 0.00	17.11 -0.74 0.00	17.66 -0.73 0.00	19.06 -0.79 0.00	20.38 -0.76 0.00	23.88 -0.84 0.00	24.66 -0.83 0.00	24.22 -0.79 0.00	28.18 -0.95 0.00	29.46 -1.25 0.00	29.73 -1.48 0.00	28.30 -1.57 0.00	28.46 -1.47 0.00	28.50 -1.46 0.00	24.28 -0.96 0.00	24.42 -0.93 0.00	26.33 -0.61 0.00
NIAGARA___115KV_198_GIBSON 55903	14.89 -0.86 0.00	16.56 -0.92 0.00	8.83 -0.48 0.00	14.31 -0.76 0.00	17.97 -0.91 0.00	16.43 -0.84 0.00	13.44 -0.64 0.00	15.01 -0.90 0.00	16.96 -0.90 0.00	17.52 -0.88 0.00	18.91 -0.93 0.00	20.23 -0.92 0.00	23.69 -1.02 0.00	24.47 -1.01 0.00	24.03 -0.97 0.00	27.95 -1.18 0.00	29.24 -1.48 0.00	29.46 -1.76 0.00	28.04 -1.84 0.00	28.18 -1.75 0.00	28.22 -1.74 0.00	24.06 -1.18 0.00	24.20 -1.15 0.00	26.18 -0.76 0.00
NIAGARA____ 23760	15.01 -0.74 0.00	16.70 -0.78 0.00	8.90 -0.40 0.00	14.42 -0.65 0.00	18.12 -0.76 0.00	16.56 -0.71 0.00	13.54 -0.54 0.00	15.14 -0.77 0.00	17.11 -0.74 0.00	17.66 -0.73 0.00	19.06 -0.79 0.00	20.38 -0.76 0.00	23.88 -0.84 0.00	24.66 -0.83 0.00	24.22 -0.79 0.00	28.18 -0.95 0.00	29.46 -1.25 0.00	29.73 -1.48 0.00	28.30 -1.57 0.00	28.46 -1.47 0.00	28.50 -1.46 0.00	24.28 -0.96 0.00	24.42 -0.93 0.00	26.33 -0.61 0.00
NINE_MILE_1 23575	15.32 -0.42 0.00	17.01 -0.46 0.00	9.06 -0.25 0.00	14.67 -0.40 0.00	18.39 -0.50 0.00	16.81 -0.45 0.00	13.72 -0.37 0.00	15.48 -0.43 0.00	17.40 -0.45 0.00	17.94 -0.46 0.00	19.36 -0.49 0.00	20.64 -0.51 0.00	24.12 -0.59 0.00	24.89 -0.60 0.00	24.40 -0.61 0.00	28.38 -0.75 0.00	29.90 -0.81 0.00	30.43 -0.79 0.00	29.13 -0.75 0.00	29.20 -0.73 0.00	29.23 -0.72 0.00	24.63 -0.61 0.00	24.73 -0.62 0.00	26.35 -0.59 0.00
NINE_MILE_2 23744	15.33 -0.42 0.00	17.01 -0.46 0.00	9.06 -0.25 0.00	14.68 -0.40 0.00	18.39 -0.50 0.00	16.81 -0.45 0.00	13.72 -0.37 0.00	15.48 -0.42 0.00	17.41 -0.45 0.00	17.94 -0.46 0.00	19.36 -0.48 0.00	20.64 -0.51 0.00	24.12 -0.59 0.00	24.89 -0.59 0.00	24.40 -0.61 0.00	28.38 -0.75 0.00	29.91 -0.81 0.00	30.43 -0.79 0.00	29.14 -0.74 0.00	29.21 -0.72 0.00	29.23 -0.72 0.00	24.63 -0.61 0.00	24.73 -0.62 0.00	26.35 -0.59 0.00
NM_CAPITAL___DRP 24208	16.24 0.49 0.00	18.02 0.55 0.00	9.62 0.31 0.00	15.55 0.48 0.00	19.45 0.56 0.00	17.76 0.49 0.00	14.48 0.39 0.00	16.33 0.43 0.00	18.23 0.38 0.00	18.76 0.37 0.00	20.08 0.24 0.00	21.38 0.23 0.00	24.95 0.23 0.00	25.71 0.23 0.00	25.22 0.22 0.00	29.39 0.26 0.00	31.04 0.32 0.00	31.63 0.41 0.00	30.30 0.42 0.00	30.33 0.40 0.00	30.36 0.40 0.00	25.51 0.27 0.00	25.60 0.25 0.00	27.27 0.33 0.00
NM_CENTRAL___DRP 24181	15.60 -0.14 0.00	17.31 -0.17 0.00	9.22 -0.09 0.00	14.93 -0.14 0.00	18.71 -0.18 0.00	17.11 -0.16 0.00	13.96 -0.13 0.00	15.76 -0.14 0.00	17.73 -0.13 0.00	18.27 -0.12 0.00	19.73 -0.12 0.00	21.04 -0.10 0.00	24.60 -0.12 0.00	25.38 -0.10 0.00	24.90 -0.11 0.00	28.97 -0.16 0.00	30.53 -0.19 0.00	31.08 -0.14 0.00	29.76 -0.11 0.00	29.85 -0.08 0.00	29.87 -0.09 0.00	25.16 -0.08 0.00	25.24 -0.11 0.00	26.89 -0.05 0.00
NM_FRONTIER___DRP 24179	14.89 -0.86 0.00	16.56 -0.92 0.00	8.83 -0.48 0.00	14.31 -0.76 0.00	17.97 -0.91 0.00	16.43 -0.84 0.00	13.44 -0.64 0.00	15.01 -0.90 0.00	16.96 -0.90 0.00	17.52 -0.88 0.00	18.91 -0.93 0.00	20.23 -0.92 0.00	23.69 -1.02 0.00	24.47 -1.01 0.00	24.03 -0.97 0.00	27.95 -1.18 0.00	29.24 -1.48 0.00	29.46 -1.76 0.00	28.04 -1.84 0.00	28.18 -1.75 0.00	28.22 -1.74 0.00	24.06 -1.18 0.00	24.20 -1.15 0.00	26.18 -0.76 0.00

NM_ST_REGIS___HYD 24053	15.54 -0.21 0.00	17.19 -0.29 0.00	9.12 -0.18 0.00	14.79 -0.28 0.00	18.59 -0.30 0.00	17.12 -0.14 0.00	14.00 -0.09 0.00	15.81 -0.10 0.00	17.69 -0.16 0.00	18.21 -0.18 0.00	19.61 -0.24 0.00	20.81 -0.33 0.00	24.36 -0.36 0.00	25.11 -0.38 0.00	24.61 -0.39 0.00	28.62 -0.51 0.00	30.20 -0.52 0.00	30.62 -0.59 0.00	29.25 -0.62 0.00	29.28 -0.64 0.00	29.34 -0.61 0.00	24.91 -0.33 0.00	25.25 -0.10 0.00	26.85 -0.09 0.00
NORTHPORT___1 23551	16.90 1.15 0.00	18.68 1.20 0.00	9.94 0.64 0.00	16.05 0.97 0.00	20.04 1.15 0.00	18.28 1.00 0.00	15.05 0.96 0.00	16.96 1.06 0.00	19.02 1.17 0.00	21.19 1.33 -1.47	21.86 1.56 -0.46	22.38 1.50 0.27	27.21 1.62 -0.88	27.96 1.70 -0.77	27.13 1.72 -0.40	31.42 2.03 -0.26	32.79 2.02 -0.05	33.42 2.21 0.00	31.74 1.87 0.00	31.52 1.59 0.00	31.55 1.60 0.00	26.64 1.40 0.00	26.96 1.61 0.00	28.40 1.46 0.00
NORTHPORT___2 23552	16.90 1.15 0.00	18.68 1.20 0.00	9.94 0.64 0.00	16.05 0.97 0.00	20.04 1.15 0.00	18.28 1.00 0.00	15.05 0.96 0.00	16.96 1.06 0.00	19.02 1.17 0.00	21.19 1.33 -1.47	21.86 1.56 -0.46	22.38 1.50 0.27	27.21 1.62 -0.88	27.96 1.70 -0.77	27.13 1.72 -0.40	31.42 2.03 -0.26	32.79 2.02 -0.05	33.42 2.21 0.00	31.74 1.87 0.00	31.52 1.59 0.00	31.55 1.60 0.00	26.64 1.40 0.00	26.96 1.61 0.00	28.40 1.46 0.00
NORTHPORT___3 23553	16.79 1.04 0.00	18.56 1.08 0.00	9.87 0.57 0.00	15.93 0.86 0.00	19.88 0.99 0.00	18.12 0.85 0.00	14.89 0.81 0.00	16.83 0.93 0.00	18.87 1.02 0.00	21.04 1.18 -1.46	21.65 1.38 -0.43	22.18 1.33 0.30	26.96 1.43 -0.81	27.71 1.50 -0.72	26.90 1.53 -0.37	31.19 1.82 -0.24	32.58 1.81 -0.05	33.21 2.00 0.01	31.60 1.72 0.00	31.42 1.49 0.00	31.43 1.48 0.00	26.47 1.23 0.00	26.82 1.46 0.00	28.24 1.30 0.00
NORTHPORT___4 23650	16.79 1.04 0.00	18.56 1.08 0.00	9.87 0.57 0.00	15.93 0.86 0.00	19.88 0.99 0.00	18.12 0.85 0.00	14.89 0.81 0.00	16.83 0.93 0.00	18.87 1.02 0.00	21.04 1.18 -1.46	21.65 1.38 -0.43	22.18 1.33 0.30	26.96 1.43 -0.81	27.71 1.50 -0.72	26.90 1.53 -0.37	31.19 1.82 -0.24	32.58 1.81 -0.05	33.21 2.00 0.01	31.60 1.72 0.00	31.42 1.49 0.00	31.43 1.48 0.00	26.47 1.23 0.00	26.82 1.46 0.00	28.24 1.30 0.00
NORTHPORT___IC 23718	16.90 1.15 0.00	18.68 1.20 0.00	9.94 0.64 0.00	16.05 0.97 0.00	20.04 1.15 0.00	18.27 1.00 0.00	15.04 0.96 0.00	16.95 1.05 0.00	19.02 1.17 0.00	21.19 1.33 -1.47	21.86 1.55 -0.46	22.38 1.50 0.27	27.20 1.61 -0.88	27.96 1.70 -0.77	27.13 1.72 -0.40	31.42 2.03 -0.26	32.74 1.97 -0.05	33.41 2.20 0.00	31.74 1.87 0.00	31.53 1.60 0.00	31.55 1.60 0.00	26.64 1.40 0.00	26.97 1.62 0.00	28.40 1.46 0.00
NORTH___COUNTRY_ESR 323785	15.68 -0.06 0.00	17.31 -0.17 0.00	9.15 -0.16 0.00	14.83 -0.24 0.00	18.71 -0.18 0.00	17.33 0.06 0.00	14.17 0.08 0.00	16.05 0.14 0.00	17.81 -0.05 0.00	18.31 -0.08 0.00	19.84 0.00 0.00	21.12 -0.03 0.00	24.75 0.04 0.00	25.47 -0.02 0.00	25.05 0.04 0.00	29.25 0.12 0.00	30.88 0.16 0.00	31.46 0.25 0.00	30.01 0.13 0.00	30.07 0.14 0.00	30.09 0.14 0.00	25.27 0.04 0.00	25.39 0.03 0.00	27.14 0.20 0.00
NPX_GEN_1385_PROXY 323591	16.90 1.15 0.00	18.68 1.20 0.00	9.94 0.64 0.00	16.08 1.01 0.00	20.08 1.19 0.00	18.28 1.00 0.00	15.05 0.96 0.00	17.04 1.14 0.00	19.11 1.26 0.00	21.34 1.48 -1.47	21.81 1.50 -0.46	22.16 1.29 0.27	26.97 1.38 -0.88	27.75 1.49 -0.77	26.90 1.50 -0.40	31.27 1.88 -0.26	32.70 1.94 -0.05	33.42 2.21 0.00	31.74 1.86 0.00	31.49 1.56 0.00	31.62 1.67 0.00	26.70 1.47 0.00	27.05 1.70 0.00	28.40 1.46 0.00
NPX_GEN_CSC 323557	17.14 1.40 0.00	18.94 1.47 0.00	10.09 0.78 0.00	16.28 1.21 0.00	20.34 1.45 0.00	18.54 1.27 0.00	15.26 1.18 0.00	17.25 1.35 0.00	19.37 1.52 0.00	21.56 1.67 -1.49	21.99 1.59 -0.55	22.49 1.54 0.20	27.46 1.70 -1.05	28.17 1.76 -0.93	27.29 1.81 -0.48	31.60 2.15 -0.31	33.01 2.22 -0.07	33.62 2.41 0.00	31.94 2.06 0.00	31.72 1.79 0.00	31.73 1.78 0.00	26.71 1.48 0.00	27.04 1.69 0.00	28.48 1.54 0.00
NSINS_S_GLNS_FALLS 23858	16.45 0.70 0.00	18.22 0.74 0.00	9.68 0.37 0.00	15.66 0.59 0.00	19.62 0.73 0.00	17.95 0.68 0.00	14.63 0.54 0.00	16.55 0.65 0.00	18.58 0.72 0.00	19.20 0.80 0.00	20.76 0.92 0.00	22.10 0.95 0.00	25.77 1.06 0.00	26.53 1.05 0.00	26.06 1.05 0.00	30.43 1.30 0.00	32.22 1.50 0.00	32.82 1.60 0.00	31.46 1.58 0.00	31.44 1.51 0.00	31.39 1.44 0.00	26.32 1.08 0.00	26.24 0.89 0.00	27.66 0.72 0.00
NUCOR_STEEL___DRP 24197	15.72 -0.02 0.00	17.43 -0.05 0.00	9.32 0.02 0.00	15.05 -0.03 0.00	18.91 0.02 0.00	17.31 0.04 0.00	14.07 -0.01 0.00	15.89 -0.02 0.00	17.92 0.07 0.00	18.49 0.09 0.00	19.96 0.11 0.00	21.19 0.05 0.00	24.87 0.15 0.00	25.69 0.20 0.00	25.08 0.08 0.00	29.20 0.07 0.00	30.72 0.01 0.00	31.47 0.25 0.00	30.17 0.29 0.00	30.15 0.22 0.00	30.26 0.31 0.00	25.49 0.25 0.00	25.59 0.24 0.00	27.24 0.30 0.00
NUMBER_THREE_WT_PWR 323818	15.36 -0.39 0.00	16.94 -0.53 0.00	9.01 -0.30 0.00	14.64 -0.43 0.00	18.28 -0.61 0.00	16.90 -0.37 0.00	13.84 -0.24 0.00	15.54 -0.36 0.00	17.45 -0.41 0.00	18.02 -0.38 0.00	19.61 -0.23 0.00	20.85 -0.30 0.00	24.31 -0.41 0.00	25.21 -0.28 0.00	24.96 -0.05 0.00	29.19 0.06 0.00	30.81 0.10 0.00	31.33 0.11 0.00	30.16 0.29 0.00	30.22 0.29 0.00	30.41 0.46 0.00	25.51 0.27 0.00	25.78 0.43 0.00	27.42 0.48 0.00
NYISO_LBMP_REFERENCE 24008	15.75 0.00 0.00	17.48 0.00 0.00	9.31 0.00 0.00	15.07 0.00 0.00	18.89 0.00 0.00	17.27 0.00 0.00	14.08 0.00 0.00	15.90 0.00 0.00	17.85 0.00 0.00	18.40 0.00 0.00	19.85 0.00 0.00	21.15 0.00 0.00	24.71 0.00 0.00	25.49 0.00 0.00	25.01 0.00 0.00	29.13 0.00 0.00	30.72 0.00 0.00	31.22 0.00 0.00	29.88 0.00 0.00	29.93 0.00 0.00	29.95 0.00 0.00	25.24 0.00 0.00	25.35 0.00 0.00	26.94 0.00 0.00
NYPA_BRENTWD____GT 24164	17.07 1.32 0.00	18.85 1.38 0.00	10.04 0.73 0.00	16.20 1.12 0.00	20.23 1.34 0.00	18.45 1.18 0.00	15.18 1.10 0.00	17.14 1.24 0.00	19.24 1.38 0.00	21.42 1.55 -1.47	22.26 1.75 -0.66	22.77 1.73 0.11	27.88 1.91 -1.26	28.60 2.00 -1.11	27.58 2.00 -0.57	31.90 2.39 -0.38	33.23 2.44 -0.08	33.85 2.63 0.00	32.16 2.28 0.00	31.99 2.06 0.00	32.02 2.06 0.00	26.97 1.74 0.00	27.28 1.93 0.00	28.72 1.78 0.00
NYPA_GOWANUS____GT5 24156	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.95 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.69 1.98 0.00	33.38 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00

NYPA_GOWANUS____GT6 24157	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.95 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.69 1.98 0.00	33.38 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00
NYPA_HARLEM__RVR__GT1 24160	16.72 0.98 0.00	18.51 1.03 0.00	9.86 0.55 0.00	16.01 0.93 0.00	20.08 1.19 0.00	18.25 0.98 0.00	14.88 0.80 0.00	16.93 1.02 0.00	18.98 1.13 0.00	19.53 1.13 0.00	21.15 1.30 0.00	22.48 1.34 0.00	26.15 1.44 0.00	27.00 1.51 0.00	26.48 1.48 0.00	30.88 1.75 0.00	32.56 1.85 0.00	33.27 2.06 0.00	31.87 1.99 0.00	31.88 1.95 0.00	31.91 1.96 0.00	26.80 1.57 0.00	26.94 1.59 0.00	28.40 1.46 0.00
NYPA_HARLEM__RVR__GT2 24161	16.72 0.98 0.00	18.51 1.03 0.00	9.86 0.55 0.00	16.01 0.93 0.00	20.08 1.19 0.00	18.25 0.98 0.00	14.88 0.80 0.00	16.93 1.02 0.00	18.98 1.13 0.00	19.53 1.13 0.00	21.15 1.30 0.00	22.48 1.34 0.00	26.15 1.44 0.00	27.00 1.51 0.00	26.48 1.48 0.00	30.88 1.75 0.00	32.56 1.85 0.00	33.27 2.06 0.00	31.87 1.99 0.00	31.88 1.95 0.00	31.91 1.96 0.00	26.80 1.57 0.00	26.94 1.59 0.00	28.40 1.46 0.00
NYPA_KENT____GT 24152	16.77 1.02 0.00	18.57 1.10 0.00	9.89 0.58 0.00	16.01 0.93 0.00	20.08 1.19 0.00	18.29 1.02 0.00	14.93 0.85 0.00	16.93 1.03 0.00	18.99 1.14 0.00	19.56 1.16 0.00	21.17 1.32 0.00	22.52 1.38 0.00	26.26 1.54 0.00	27.08 1.59 0.00	26.56 1.56 0.00	30.96 1.83 0.00	32.65 1.94 0.00	33.35 2.14 0.00	31.95 2.08 0.00	31.96 2.03 0.00	31.99 2.04 0.00	26.88 1.64 0.00	26.96 1.61 0.00	28.50 1.56 0.00
NYPA_POUCH1____GT 24155	16.75 1.00 0.00	18.55 1.07 0.00	9.87 0.57 0.00	15.99 0.92 0.00	20.05 1.16 0.00	18.27 1.00 0.00	14.92 0.84 0.00	16.91 1.01 0.00	18.97 1.12 0.00	19.52 1.13 0.00	21.13 1.29 0.00	22.48 1.33 0.00	26.20 1.49 0.00	27.01 1.52 0.00	26.50 1.49 0.00	30.89 1.76 0.00	32.55 1.83 0.00	33.24 2.03 0.00	31.85 1.98 0.00	31.87 1.95 0.00	31.92 1.97 0.00	26.86 1.62 0.00	26.94 1.59 0.00	28.47 1.53 0.00
NYPA_VERNON____GT2 24162	16.75 1.00 0.00	18.56 1.08 0.00	9.88 0.57 0.00	16.00 0.93 0.00	20.07 1.18 0.00	18.28 1.01 0.00	14.92 0.84 0.00	16.92 1.01 0.00	18.97 1.12 0.00	19.54 1.14 0.00	21.14 1.30 0.00	22.50 1.35 0.00	26.22 1.51 0.00	27.04 1.55 0.00	26.53 1.52 0.00	30.93 1.80 0.00	32.62 1.90 0.00	33.32 2.10 0.00	31.92 2.04 0.00	31.93 2.00 0.00	31.95 2.00 0.00	26.84 1.60 0.00	26.92 1.56 0.00	28.44 1.50 0.00
NYPA_VERNON____GT3 24163	16.75 1.00 0.00	18.56 1.08 0.00	9.88 0.57 0.00	16.00 0.93 0.00	20.07 1.18 0.00	18.28 1.01 0.00	14.92 0.84 0.00	16.92 1.01 0.00	18.97 1.12 0.00	19.54 1.14 0.00	21.14 1.30 0.00	22.50 1.35 0.00	26.22 1.51 0.00	27.04 1.55 0.00	26.53 1.52 0.00	30.93 1.80 0.00	32.62 1.90 0.00	33.32 2.10 0.00	31.92 2.04 0.00	31.93 2.00 0.00	31.95 2.00 0.00	26.84 1.60 0.00	26.92 1.56 0.00	28.44 1.50 0.00
NYPA__ASTORIA_CC1 323568	16.73 0.98 0.00	18.53 1.06 0.00	9.87 0.56 0.00	15.98 0.90 0.00	20.05 1.16 0.00	18.25 0.98 0.00	14.90 0.81 0.00	16.90 0.99 0.00	18.94 1.09 0.00	19.50 1.11 0.00	21.11 1.26 0.00	22.46 1.31 0.00	26.17 1.46 0.00	26.99 1.50 0.00	26.48 1.47 0.00	30.87 1.74 0.00	32.56 1.84 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.86 1.93 0.00	31.89 1.94 0.00	26.79 1.55 0.00	26.87 1.52 0.00	28.38 1.45 0.00
NYPA__ASTORIA_CC2 323569	16.73 0.98 0.00	18.53 1.06 0.00	9.87 0.56 0.00	15.98 0.90 0.00	20.05 1.16 0.00	18.25 0.98 0.00	14.90 0.81 0.00	16.90 0.99 0.00	18.94 1.09 0.00	19.50 1.11 0.00	21.11 1.26 0.00	22.46 1.31 0.00	26.17 1.46 0.00	26.99 1.50 0.00	26.48 1.47 0.00	30.87 1.74 0.00	32.56 1.84 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.86 1.93 0.00	31.89 1.94 0.00	26.79 1.55 0.00	26.87 1.52 0.00	28.38 1.45 0.00
NYPA__HOLTSVILL 23794	17.02 1.27 0.00	18.81 1.34 0.00	10.02 0.71 0.00	16.17 1.10 0.00	20.19 1.30 0.00	18.41 1.14 0.00	15.16 1.07 0.00	17.12 1.22 0.00	19.21 1.36 0.00	21.40 1.51 -1.49	22.04 1.65 -0.54	22.55 1.61 0.20	27.51 1.76 -1.03	28.23 1.82 -0.91	27.34 1.87 -0.47	31.64 2.20 -0.31	33.03 2.25 -0.06	33.66 2.44 0.00	31.97 2.09 0.00	31.78 1.85 0.00	31.79 1.84 0.00	26.79 1.55 0.00	27.15 1.80 0.00	28.59 1.65 0.00
NYPA____HELLGATE_GT1 24158	16.72 0.98 0.00	18.51 1.03 0.00	9.86 0.55 0.00	16.01 0.93 0.00	20.08 1.19 0.00	18.25 0.98 0.00	14.88 0.80 0.00	16.93 1.02 0.00	18.98 1.13 0.00	19.53 1.13 0.00	21.15 1.30 0.00	22.48 1.34 0.00	26.15 1.44 0.00	27.00 1.51 0.00	26.48 1.48 0.00	30.88 1.75 0.00	32.56 1.85 0.00	33.27 2.06 0.00	31.87 1.99 0.00	31.88 1.95 0.00	31.91 1.96 0.00	26.80 1.57 0.00	26.94 1.59 0.00	28.40 1.46 0.00
NYPA____HELLGATE_GT2 24159	16.72 0.98 0.00	18.51 1.03 0.00	9.86 0.55 0.00	16.01 0.93 0.00	20.08 1.19 0.00	18.25 0.98 0.00	14.88 0.80 0.00	16.93 1.02 0.00	18.98 1.13 0.00	19.53 1.13 0.00	21.15 1.30 0.00	22.48 1.34 0.00	26.15 1.44 0.00	27.00 1.51 0.00	26.48 1.48 0.00	30.88 1.75 0.00	32.56 1.85 0.00	33.27 2.06 0.00	31.87 1.99 0.00	31.88 1.95 0.00	31.91 1.96 0.00	26.80 1.57 0.00	26.94 1.59 0.00	28.40 1.46 0.00
NYS_BARGE__HYD 23848	15.10 -0.65 0.00	16.79 -0.69 0.00	8.95 -0.36 0.00	14.49 -0.58 0.00	18.22 -0.67 0.00	16.65 -0.62 0.00	13.63 -0.45 0.00	15.22 -0.69 0.00	17.22 -0.63 0.00	17.78 -0.62 0.00	19.19 -0.65 0.00	20.52 -0.62 0.00	24.07 -0.65 0.00	24.86 -0.63 0.00	24.42 -0.59 0.00	28.40 -0.73 0.00	29.72 -0.99 0.00	30.04 -1.17 0.00	28.62 -1.26 0.00	28.77 -1.16 0.00	28.81 -1.14 0.00	24.54 -0.70 0.00	24.67 -0.68 0.00	26.58 -0.36 0.00
OAK ORCHARD__HYD 24046	15.41 -0.34 0.00	17.11 -0.37 0.00	9.11 -0.20 0.00	14.76 -0.31 0.00	18.53 -0.36 0.00	16.94 -0.33 0.00	13.84 -0.25 0.00	15.55 -0.35 0.00	17.57 -0.29 0.00	18.12 -0.27 0.00	19.54 -0.30 0.00	20.87 -0.28 0.00	24.45 -0.26 0.00	25.23 -0.26 0.00	24.76 -0.25 0.00	28.80 -0.33 0.00	30.25 -0.47 0.00	30.69 -0.53 0.00	29.32 -0.55 0.00	29.45 -0.48 0.00	29.50 -0.45 0.00	24.97 -0.26 0.00	25.06 -0.29 0.00	26.82 -0.12 0.00
OAKDALE__35_KV_LOAD 356122	15.78 0.03 0.00	17.53 0.05 0.00	9.33 0.03 0.00	15.14 0.06 0.00	18.97 0.08 0.00	17.35 0.08 0.00	14.15 0.06 0.00	16.01 0.11 0.00	17.99 0.14 0.00	18.50 0.10 0.00	19.95 0.11 0.00	21.29 0.15 0.00	24.88 0.17 0.00	25.71 0.22 0.00	25.22 0.22 0.00	29.40 0.27 0.00	31.00 0.28 0.00	31.63 0.42 0.00	30.27 0.40 0.00	30.39 0.46 0.00	30.36 0.40 0.00	25.60 0.36 0.00	25.73 0.38 0.00	27.41 0.47 0.00

OCC_CHEM___DRP 24175	14.91 -0.83 0.00	16.59 -0.89 0.00	8.85 -0.46 0.00	14.34 -0.73 0.00	18.01 -0.88 0.00	16.46 -0.81 0.00	13.47 -0.61 0.00	15.04 -0.87 0.00	16.99 -0.86 0.00	17.55 -0.84 0.00	18.95 -0.90 0.00	20.27 -0.87 0.00	23.74 -0.97 0.00	24.53 -0.96 0.00	24.09 -0.92 0.00	28.01 -1.12 0.00	29.31 -1.41 0.00	29.52 -1.69 0.00	28.10 -1.78 0.00	28.24 -1.69 0.00	28.28 -1.67 0.00	24.11 -1.13 0.00	24.25 -1.10 0.00	26.23 -0.71 0.00
OH_GEN_PROXY 24063	15.04 -0.70 0.00	16.74 -0.74 0.00	8.92 -0.38 0.00	14.46 -0.61 0.00	18.17 -0.72 0.00	16.61 -0.66 0.00	13.57 -0.51 0.00	15.19 -0.72 0.00	17.16 -0.69 0.00	17.71 -0.69 0.00	19.10 -0.75 0.00	20.42 -0.72 0.00	23.92 -0.79 0.00	24.71 -0.78 0.00	24.27 -0.74 0.00	28.23 -0.90 0.00	29.53 -1.19 0.00	29.81 -1.40 0.00	28.40 -1.48 0.00	28.55 -1.38 0.00	28.59 -1.37 0.00	24.34 -0.90 0.00	24.49 -0.87 0.00	26.38 -0.56 0.00
OLIN_CORP_DRP 24177	14.90 -0.85 0.00	16.57 -0.91 0.00	8.83 -0.47 0.00	14.32 -0.75 0.00	17.99 -0.90 0.00	16.44 -0.83 0.00	13.45 -0.63 0.00	15.02 -0.88 0.00	16.97 -0.88 0.00	17.54 -0.86 0.00	18.94 -0.91 0.00	20.25 -0.89 0.00	23.73 -0.98 0.00	24.51 -0.97 0.00	24.08 -0.93 0.00	28.01 -1.12 0.00	29.31 -1.40 0.00	29.55 -1.66 0.00	28.13 -1.75 0.00	28.28 -1.65 0.00	28.32 -1.64 0.00	24.14 -1.10 0.00	24.27 -1.08 0.00	26.18 -0.77 0.00
OLIN_CORP_DSASP 323712	14.91 -0.83 0.00	16.59 -0.88 0.00	8.85 -0.46 0.00	14.33 -0.74 0.00	18.01 -0.88 0.00	16.46 -0.81 0.00	13.47 -0.61 0.00	15.03 -0.88 0.00	16.99 -0.86 0.00	17.55 -0.84 0.00	18.95 -0.89 0.00	20.27 -0.87 0.00	23.74 -0.97 0.00	24.53 -0.96 0.00	24.09 -0.92 0.00	28.01 -1.12 0.00	29.28 -1.44 0.00	29.52 -1.70 0.00	28.10 -1.78 0.00	28.24 -1.69 0.00	28.27 -1.68 0.00	24.11 -1.13 0.00	24.26 -1.09 0.00	26.23 -0.71 0.00
ONEIDA_HERK_LFGE 323681	15.77 0.02 0.00	17.45 -0.03 0.00	9.28 -0.03 0.00	15.05 -0.02 0.00	18.83 -0.06 0.00	17.28 0.02 0.00	14.13 0.05 0.00	15.94 0.03 0.00	17.91 0.06 0.00	18.48 0.09 0.00	20.02 0.18 0.00	21.32 0.17 0.00	24.89 0.18 0.00	25.73 0.24 0.00	25.33 0.33 0.00	29.57 0.44 0.00	31.21 0.49 0.00	31.76 0.55 0.00	30.48 0.60 0.00	30.54 0.61 0.00	30.64 0.68 0.00	25.73 0.49 0.00	25.88 0.52 0.00	27.48 0.54 0.00
ONEIDA___115KV_TB4 55905	15.99 0.24 0.00	17.71 0.23 0.00	9.42 0.11 0.00	15.26 0.19 0.00	19.11 0.22 0.00	17.48 0.22 0.00	14.28 0.19 0.00	16.13 0.22 0.00	18.15 0.29 0.00	18.72 0.33 0.00	20.24 0.39 0.00	21.58 0.44 0.00	25.21 0.49 0.00	26.01 0.52 0.00	25.55 0.55 0.00	29.79 0.66 0.00	31.47 0.75 0.00	32.04 0.82 0.00	30.70 0.82 0.00	30.79 0.86 0.00	30.83 0.88 0.00	25.92 0.69 0.00	25.99 0.63 0.00	27.61 0.67 0.00
ONONDAGA_REF_OCCRA 23987	15.71 -0.04 0.00	17.43 -0.05 0.00	9.27 -0.03 0.00	15.03 -0.05 0.00	18.83 -0.06 0.00	17.22 -0.05 0.00	14.05 -0.04 0.00	15.87 -0.04 0.00	17.85 -0.01 0.00	18.40 0.00 0.00	19.86 0.02 0.00	21.19 0.04 0.00	24.76 0.05 0.00	25.56 0.07 0.00	25.08 0.07 0.00	29.19 0.06 0.00	30.78 0.06 0.00	31.33 0.11 0.00	30.03 0.15 0.00	30.11 0.18 0.00	30.12 0.17 0.00	25.37 0.13 0.00	25.44 0.09 0.00	27.09 0.14 0.00
ONONDAGA___COGEN 23986	15.67 -0.08 0.00	17.38 -0.09 0.00	9.26 -0.04 0.00	15.00 -0.08 0.00	18.80 -0.09 0.00	17.19 -0.08 0.00	14.02 -0.06 0.00	15.84 -0.07 0.00	17.81 -0.04 0.00	18.36 -0.03 0.00	19.83 -0.02 0.00	21.14 -0.01 0.00	24.72 0.01 0.00	25.51 0.03 0.00	25.01 0.01 0.00	29.10 -0.03 0.00	30.67 -0.05 0.00	31.25 0.03 0.00	29.94 0.07 0.00	30.02 0.08 0.00	30.04 0.08 0.00	25.29 0.06 0.00	25.38 0.02 0.00	27.03 0.09 0.00
ONTARIO___LFGE 23819	15.55 -0.20 0.00	17.25 -0.22 0.00	9.19 -0.12 0.00	14.89 -0.18 0.00	18.69 -0.20 0.00	17.11 -0.16 0.00	13.98 -0.11 0.00	15.79 -0.11 0.00	17.79 -0.06 0.00	18.31 -0.09 0.00	19.75 -0.10 0.00	21.07 -0.07 0.00	24.63 -0.08 0.00	25.49 0.00 0.00	25.03 0.03 0.00	29.05 -0.08 0.00	30.56 -0.15 0.00	31.28 0.06 0.00	30.10 0.22 0.00	30.22 0.28 0.00	30.20 0.25 0.00	25.52 0.28 0.00	25.59 0.24 0.00	27.26 0.32 0.00
ORANGEVILLE_WT_PWR 323706	14.93 -0.82 0.00	16.58 -0.89 0.00	8.83 -0.47 0.00	14.35 -0.73 0.00	18.02 -0.87 0.00	16.51 -0.76 0.00	13.49 -0.60 0.00	15.15 -0.75 0.00	17.10 -0.76 0.00	17.63 -0.77 0.00	19.05 -0.80 0.00	20.43 -0.72 0.00	24.01 -0.71 0.00	24.93 -0.56 0.00	24.62 -0.39 0.00	28.75 -0.38 0.00	30.24 -0.48 0.00	30.78 -0.44 0.00	29.40 -0.47 0.00	29.56 -0.37 0.00	29.54 -0.41 0.00	25.07 -0.17 0.00	25.24 -0.11 0.00	27.07 0.12 0.00
ORANGEVILLE___ESR 323794	14.93 -0.82 0.00	16.58 -0.89 0.00	8.83 -0.47 0.00	14.35 -0.73 0.00	18.02 -0.87 0.00	16.51 -0.76 0.00	13.49 -0.60 0.00	15.15 -0.75 0.00	17.10 -0.76 0.00	17.63 -0.77 0.00	19.05 -0.80 0.00	20.43 -0.72 0.00	24.01 -0.71 0.00	24.93 -0.56 0.00	24.62 -0.39 0.00	28.75 -0.38 0.00	30.24 -0.48 0.00	30.78 -0.44 0.00	29.40 -0.47 0.00	29.56 -0.37 0.00	29.54 -0.41 0.00	25.07 -0.17 0.00	25.24 -0.11 0.00	27.07 0.12 0.00
OSWEGATCHIE___HYD 24044	15.41 -0.34 0.00	17.02 -0.45 0.00	9.05 -0.26 0.00	14.69 -0.38 0.00	18.41 -0.48 0.00	16.97 -0.30 0.00	13.87 -0.21 0.00	15.63 -0.28 0.00	17.54 -0.31 0.00	18.08 -0.31 0.00	19.56 -0.28 0.00	20.73 -0.41 0.00	24.22 -0.50 0.00	25.05 -0.43 0.00	24.64 -0.36 0.00	28.69 -0.44 0.00	30.28 -0.43 0.00	30.74 -0.47 0.00	29.51 -0.36 0.00	29.56 -0.37 0.00	29.68 -0.27 0.00	25.08 -0.16 0.00	25.42 0.07 0.00	27.00 0.06 0.00
OSWEGO___5 23606	15.43 -0.32 0.00	17.12 -0.36 0.00	9.12 -0.19 0.00	14.77 -0.31 0.00	18.51 -0.38 0.00	16.92 -0.35 0.00	13.80 -0.28 0.00	15.58 -0.32 0.00	17.52 -0.34 0.00	18.05 -0.34 0.00	19.49 -0.36 0.00	20.77 -0.37 0.00	24.29 -0.43 0.00	25.05 -0.43 0.00	24.57 -0.44 0.00	28.58 -0.55 0.00	30.11 -0.60 0.00	30.65 -0.57 0.00	29.35 -0.53 0.00	29.42 -0.51 0.00	29.44 -0.51 0.00	24.81 -0.42 0.00	24.92 -0.44 0.00	26.54 -0.40 0.00
OSWEGO___6 23613	15.43 -0.32 0.00	17.12 -0.36 0.00	9.12 -0.19 0.00	14.77 -0.31 0.00	18.51 -0.38 0.00	16.92 -0.35 0.00	13.80 -0.28 0.00	15.58 -0.32 0.00	17.52 -0.34 0.00	18.05 -0.34 0.00	19.49 -0.36 0.00	20.77 -0.37 0.00	24.29 -0.43 0.00	25.05 -0.43 0.00	24.57 -0.44 0.00	28.58 -0.55 0.00	30.11 -0.60 0.00	30.65 -0.57 0.00	29.35 -0.53 0.00	29.42 -0.51 0.00	29.44 -0.51 0.00	24.81 -0.42 0.00	24.92 -0.44 0.00	26.54 -0.40 0.00
OUTOKUMPU-AB___DRP 24206	15.22 -0.53 0.00	16.91 -0.57 0.00	9.01 -0.30 0.00	14.61 -0.46 0.00	18.36 -0.53 0.00	16.78 -0.49 0.00	13.73 -0.36 0.00	15.35 -0.55 0.00	17.35 -0.51 0.00	17.91 -0.49 0.00	19.34 -0.51 0.00	20.70 -0.45 0.00	24.27 -0.45 0.00	25.07 -0.41 0.00	24.63 -0.37 0.00	28.67 -0.46 0.00	30.04 -0.68 0.00	30.34 -0.88 0.00	28.91 -0.96 0.00	29.07 -0.86 0.00	29.08 -0.87 0.00	24.77 -0.47 0.00	24.89 -0.46 0.00	26.85 -0.09 0.00

OXBOW___BTM 323836	15.06 -0.68 0.00	16.75 -0.72 0.00	8.93 -0.38 0.00	14.47 -0.61 0.00	18.19 -0.70 0.00	16.62 -0.65 0.00	13.60 -0.49 0.00	15.19 -0.72 0.00	17.17 -0.68 0.00	17.73 -0.66 0.00	19.15 -0.69 0.00	20.49 -0.65 0.00	24.02 -0.70 0.00	24.81 -0.67 0.00	24.37 -0.63 0.00	28.35 -0.78 0.00	29.66 -1.05 0.00	29.95 -1.27 0.00	28.52 -1.36 0.00	28.67 -1.26 0.00	28.69 -1.26 0.00	24.45 -0.79 0.00	24.59 -0.76 0.00	26.55 -0.39 0.00
OXBOW____ 24026	15.07 -0.68 0.00	16.75 -0.72 0.00	8.93 -0.38 0.00	14.47 -0.60 0.00	18.19 -0.70 0.00	16.62 -0.65 0.00	13.60 -0.49 0.00	15.20 -0.71 0.00	17.17 -0.68 0.00	17.74 -0.66 0.00	19.15 -0.69 0.00	20.49 -0.66 0.00	24.02 -0.70 0.00	24.81 -0.67 0.00	24.37 -0.63 0.00	28.35 -0.78 0.00	29.69 -1.03 0.00	29.95 -1.27 0.00	28.52 -1.36 0.00	28.68 -1.26 0.00	28.69 -1.26 0.00	24.45 -0.79 0.00	24.58 -0.77 0.00	26.55 -0.39 0.00
OXY_CHEM_DSASP 323612	14.91 -0.83 0.00	16.59 -0.89 0.00	8.85 -0.46 0.00	14.34 -0.73 0.00	18.01 -0.88 0.00	16.46 -0.81 0.00	13.47 -0.61 0.00	15.04 -0.87 0.00	16.99 -0.86 0.00	17.55 -0.84 0.00	18.95 -0.90 0.00	20.27 -0.87 0.00	23.74 -0.97 0.00	24.53 -0.96 0.00	24.09 -0.92 0.00	28.01 -1.12 0.00	29.31 -1.41 0.00	29.52 -1.69 0.00	28.10 -1.78 0.00	28.24 -1.69 0.00	28.28 -1.67 0.00	24.11 -1.13 0.00	24.25 -1.10 0.00	26.23 -0.71 0.00
OZONE_PARK_ESR 323760	16.86 1.12 0.00	18.67 1.20 0.00	9.94 0.63 0.00	16.09 1.02 0.00	20.18 1.29 0.00	18.39 1.12 0.00	15.02 0.93 0.00	17.02 1.12 0.00	19.11 1.26 0.00	19.70 1.31 0.00	21.31 1.46 0.00	22.68 1.53 0.00	26.45 1.74 0.00	27.27 1.78 0.00	26.75 1.75 0.00	31.18 2.05 0.00	32.89 2.17 0.00	33.60 2.39 0.00	32.19 2.32 0.00	32.20 2.27 0.00	32.23 2.27 0.00	27.06 1.83 0.00	27.13 1.78 0.00	28.67 1.73 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	14.91 -0.83 0.00	16.59 -0.89 0.00	8.85 -0.46 0.00	14.34 -0.73 0.00	18.01 -0.88 0.00	16.46 -0.81 0.00	13.47 -0.61 0.00	15.04 -0.87 0.00	16.99 -0.86 0.00	17.55 -0.84 0.00	18.95 -0.90 0.00	20.27 -0.87 0.00	23.74 -0.97 0.00	24.53 -0.96 0.00	24.09 -0.92 0.00	28.01 -1.12 0.00	29.31 -1.41 0.00	29.52 -1.69 0.00	28.10 -1.78 0.00	28.24 -1.69 0.00	28.28 -1.67 0.00	24.11 -1.13 0.00	24.25 -1.10 0.00	26.23 -0.71 0.00
PACKARD__115KV_DUPONT_184 80571	14.91 -0.83 0.00	16.59 -0.89 0.00	8.85 -0.46 0.00	14.34 -0.73 0.00	18.01 -0.88 0.00	16.46 -0.81 0.00	13.47 -0.61 0.00	15.04 -0.87 0.00	16.99 -0.86 0.00	17.55 -0.84 0.00	18.95 -0.90 0.00	20.27 -0.87 0.00	23.74 -0.97 0.00	24.53 -0.96 0.00	24.09 -0.92 0.00	28.01 -1.12 0.00	29.31 -1.41 0.00	29.52 -1.69 0.00	28.10 -1.78 0.00	28.24 -1.69 0.00	28.28 -1.67 0.00	24.11 -1.13 0.00	24.25 -1.10 0.00	26.23 -0.71 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	16.73 0.98 0.00	18.52 1.05 0.00	9.87 0.56 0.00	15.99 0.92 0.00	20.06 1.17 0.00	18.24 0.97 0.00	14.88 0.80 0.00	16.91 1.00 0.00	18.97 1.11 0.00	19.53 1.13 0.00	21.14 1.30 0.00	22.48 1.34 0.00	26.18 1.46 0.00	27.01 1.52 0.00	26.50 1.50 0.00	30.90 1.77 0.00	32.58 1.86 0.00	33.29 2.08 0.00	31.89 2.02 0.00	31.90 1.97 0.00	31.94 1.98 0.00	26.82 1.58 0.00	26.93 1.57 0.00	28.41 1.47 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	16.75 1.01 0.00	18.55 1.08 0.00	9.89 0.58 0.00	16.03 0.95 0.00	20.10 1.21 0.00	18.30 1.03 0.00	14.93 0.84 0.00	16.97 1.06 0.00	19.03 1.18 0.00	19.59 1.20 0.00	21.21 1.37 0.00	22.57 1.42 0.00	26.27 1.56 0.00	27.09 1.60 0.00	26.59 1.59 0.00	31.00 1.87 0.00	32.67 1.96 0.00	33.39 2.17 0.00	31.98 2.10 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.90 1.66 0.00	26.98 1.63 0.00	28.47 1.53 0.00
PATROON__115KV_TB1 80586	16.30 0.56 0.00	18.09 0.61 0.00	9.66 0.35 0.00	15.61 0.54 0.00	19.52 0.63 0.00	17.83 0.56 0.00	14.54 0.46 0.00	16.41 0.50 0.00	18.30 0.44 0.00	18.83 0.43 0.00	20.12 0.27 0.00	21.43 0.29 0.00	25.02 0.30 0.00	25.78 0.29 0.00	25.30 0.29 0.00	29.48 0.36 0.00	31.13 0.41 0.00	31.73 0.51 0.00	30.39 0.51 0.00	30.42 0.49 0.00	30.43 0.48 0.00	25.57 0.34 0.00	25.67 0.32 0.00	27.37 0.43 0.00
PATTRSNVILLE__SOLAR 323815	16.33 0.58 0.00	18.11 0.63 0.00	9.64 0.33 0.00	15.60 0.53 0.00	19.54 0.66 0.00	17.81 0.54 0.00	14.56 0.47 0.00	16.46 0.55 0.00	18.50 0.65 0.00	19.08 0.68 0.00	20.60 0.75 0.00	21.95 0.80 0.00	25.64 0.93 0.00	26.45 0.97 0.00	25.94 0.93 0.00	30.25 1.13 0.00	31.96 1.24 0.00	32.58 1.36 0.00	31.19 1.32 0.00	31.25 1.32 0.00	31.28 1.32 0.00	26.31 1.07 0.00	26.35 1.00 0.00	27.93 0.99 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	15.62 -0.13 0.00	17.36 -0.12 0.00	9.25 -0.06 0.00	15.01 -0.06 0.00	18.82 -0.07 0.00	17.24 -0.04 0.00	14.07 -0.02 0.00	15.81 -0.10 0.00	17.83 -0.02 0.00	18.38 -0.01 0.00	19.81 -0.04 0.00	21.19 0.04 0.00	24.83 0.12 0.00	25.68 0.20 0.00	25.23 0.22 0.00	29.40 0.28 0.00	30.84 0.12 0.00	31.23 0.01 0.00	29.77 -0.11 0.00	29.96 0.02 0.00	29.96 0.01 0.00	25.49 0.25 0.00	25.65 0.30 0.00	27.58 0.64 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	16.81 1.06 0.00	18.62 1.14 0.00	9.91 0.61 0.00	16.04 0.97 0.00	20.11 1.22 0.00	18.35 1.08 0.00	14.99 0.90 0.00	16.97 1.06 0.00	19.08 1.23 0.00	19.68 1.28 0.00	21.29 1.44 0.00	22.66 1.51 0.00	26.44 1.73 0.00	27.26 1.77 0.00	26.73 1.73 0.00	31.17 2.05 0.00	32.90 2.19 0.00	33.63 2.41 0.00	32.22 2.34 0.00	32.24 2.31 0.00	32.27 2.31 0.00	27.08 1.84 0.00	27.10 1.75 0.00	28.62 1.67 0.00
PEEKSKILL____ 23653	16.67 0.92 0.00	18.47 0.99 0.00	9.84 0.53 0.00	15.92 0.84 0.00	19.96 1.07 0.00	18.20 0.93 0.00	14.86 0.78 0.00	16.82 0.91 0.00	18.88 1.02 0.00	19.46 1.06 0.00	21.03 1.18 0.00	22.37 1.22 0.00	26.09 1.38 0.00	26.90 1.41 0.00	26.38 1.38 0.00	30.76 1.64 0.00	32.47 1.76 0.00	33.17 1.95 0.00	31.78 1.90 0.00	31.78 1.86 0.00	31.81 1.86 0.00	26.72 1.48 0.00	26.79 1.44 0.00	28.32 1.38 0.00
PGE MADISON__WINDPWR 24146	16.16 0.41 0.00	17.90 0.43 0.00	9.49 0.18 0.00	15.31 0.24 0.00	19.20 0.31 0.00	17.64 0.37 0.00	14.40 0.32 0.00	16.32 0.42 0.00	18.44 0.59 0.00	19.03 0.63 0.00	20.55 0.71 0.00	21.92 0.78 0.00	25.64 0.93 0.00	26.58 1.09 0.00	26.11 1.10 0.00	30.56 1.43 0.00	32.56 1.85 0.00	33.44 2.22 0.00	32.02 2.15 0.00	32.32 2.39 0.00	32.31 2.36 0.00	27.21 1.98 0.00	27.14 1.79 0.00	28.84 1.90 0.00
PIERCEFIELD__HYD 23852	15.45 -0.29 0.00	17.11 -0.37 0.00	9.09 -0.21 0.00	14.74 -0.33 0.00	18.51 -0.38 0.00	17.02 -0.25 0.00	13.90 -0.18 0.00	15.69 -0.22 0.00	17.59 -0.26 0.00	18.12 -0.28 0.00	19.46 -0.38 0.00	20.64 -0.51 0.00	24.15 -0.57 0.00	24.91 -0.58 0.00	24.39 -0.62 0.00	28.33 -0.80 0.00	29.89 -0.82 0.00	30.27 -0.95 0.00	28.94 -0.94 0.00	28.97 -0.96 0.00	29.03 -0.92 0.00	24.71 -0.53 0.00	25.12 -0.24 0.00	26.67 -0.27 0.00

PINELAWN_CC_1 323563	16.95 1.20 0.00	18.73 1.25 0.00	9.97 0.66 0.00	16.08 1.01 0.00	20.09 1.20 0.00	18.32 1.05 0.00	15.06 0.98 0.00	17.02 1.12 0.00	19.11 1.26 0.00	21.27 1.41 -1.47	22.68 1.61 -1.22	23.08 1.59 -0.34	28.78 1.76 -2.30	29.37 1.85 -2.04	27.91 1.85 -1.05	32.04 2.21 -0.70	33.11 2.25 -0.15	33.68 2.46 0.00	32.03 2.15 0.00	31.90 1.97 0.00	31.93 1.97 0.00	26.86 1.62 0.00	27.14 1.78 0.00	28.58 1.64 0.00
PJM_GEN_HTP_PROXY 323702	16.74 0.99 0.00	18.55 1.07 0.00	9.87 0.56 0.00	15.98 0.91 0.00	20.04 1.15 0.00	18.27 1.00 0.00	14.92 0.84 0.00	16.91 1.00 0.00	18.96 1.11 0.00	19.55 1.15 0.00	21.14 1.29 0.00	22.49 1.34 0.00	26.22 1.51 0.00	27.03 1.54 0.00	26.52 1.51 0.00	30.91 1.78 0.00	32.61 1.90 0.00	33.31 2.09 0.00	31.91 2.03 0.00	31.91 1.98 0.00	31.93 1.98 0.00	26.81 1.57 0.00	26.88 1.53 0.00	28.43 1.49 0.00
PJM_GEN_KEystone 24065	15.99 0.25 0.00	17.75 0.28 0.00	9.46 0.15 0.00	15.33 0.26 0.00	19.23 0.34 0.00	17.58 0.31 0.00	14.35 0.26 0.00	16.20 0.29 0.00	21.63 0.36 -3.42	15.27 0.32 3.45	20.19 0.34 0.00	21.52 0.37 0.00	25.14 0.42 0.00	25.95 0.46 0.00	25.45 0.44 0.00	29.67 0.54 0.00	31.23 0.52 0.00	31.85 0.64 0.00	30.48 0.61 0.00	30.58 0.65 0.00	30.58 0.63 0.00	25.81 0.58 0.00	25.96 0.61 0.00	27.67 0.73 0.00
PJM_GEN_NEPTUNE_PROXY 323594	16.78 1.04 0.00	18.56 1.08 0.00	9.87 0.56 0.00	15.92 0.85 0.00	19.91 1.02 0.00	18.16 0.89 0.00	14.91 0.82 0.00	16.87 0.96 0.00	18.94 1.09 0.00	21.06 1.20 -1.47	21.04 1.42 0.22	21.88 1.39 0.65	25.82 1.51 0.41	26.70 1.58 0.36	26.42 1.61 0.19	30.89 1.89 0.13	32.60 1.91 0.03	33.33 2.12 0.01	31.74 1.86 0.00	31.64 1.71 0.00	31.66 1.71 0.00	26.61 1.37 0.00	26.85 1.51 0.00	28.31 1.36 0.00
PJM_GEN_VFT_PROXY 323633	16.67 0.92 0.00	18.46 0.98 0.00	9.83 0.52 0.00	15.90 0.84 0.00	19.95 1.06 0.00	18.18 0.91 0.00	14.85 0.77 0.00	16.83 0.92 0.00	18.88 1.02 0.00	19.44 1.05 0.00	21.03 1.19 0.00	22.38 1.23 0.00	26.09 1.38 0.00	26.90 1.41 0.00	26.38 1.38 0.00	30.75 1.62 0.00	32.43 1.72 0.00	33.13 1.91 0.00	31.75 1.88 0.00	31.75 1.83 0.00	31.80 1.85 0.00	26.70 1.46 0.00	26.78 1.42 0.00	28.32 1.38 0.00
PLATSBURG_115KV_PMLD1 355749	15.92 0.18 0.00	17.51 0.03 0.00	9.25 -0.06 0.00	14.97 -0.10 0.00	18.82 -0.06 0.00	17.47 0.20 0.00	14.34 0.25 0.00	16.31 0.41 0.00	17.98 0.13 0.00	18.51 0.11 0.00	20.17 0.33 0.00	21.51 0.36 0.00	25.26 0.55 0.00	26.01 0.52 0.00	25.52 0.52 0.00	29.84 0.71 0.00	31.59 0.87 0.00	32.33 1.11 0.00	30.75 0.87 0.00	30.85 0.92 0.00	30.89 0.94 0.00	25.78 0.54 0.00	25.81 0.46 0.00	27.67 0.73 0.00
PLEASANTVLY__LBMP 24000	16.58 0.83 0.00	18.37 0.90 0.00	9.79 0.48 0.00	15.84 0.77 0.00	19.85 0.96 0.00	18.12 0.85 0.00	14.78 0.70 0.00	16.72 0.81 0.00	18.76 0.90 0.00	19.33 0.94 0.00	20.89 1.04 0.00	22.21 1.07 0.00	25.92 1.20 0.00	26.71 1.23 0.00	26.21 1.20 0.00	30.56 1.43 0.00	32.26 1.54 0.00	32.95 1.73 0.00	31.56 1.69 0.00	31.57 1.65 0.00	31.60 1.65 0.00	26.54 1.31 0.00	26.61 1.26 0.00	28.13 1.19 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	16.67 0.93 0.00	18.47 1.00 0.00	9.84 0.53 0.00	15.93 0.85 0.00	19.97 1.08 0.00	18.21 0.94 0.00	14.86 0.78 0.00	16.82 0.92 0.00	18.89 1.03 0.00	19.46 1.07 0.00	21.04 1.20 0.00	22.38 1.24 0.00	26.12 1.40 0.00	26.92 1.43 0.00	26.41 1.40 0.00	30.79 1.66 0.00	32.49 1.77 0.00	33.18 1.96 0.00	31.80 1.92 0.00	31.80 1.87 0.00	31.83 1.87 0.00	26.73 1.49 0.00	26.80 1.45 0.00	28.32 1.38 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	16.67 0.93 0.00	18.47 1.00 0.00	9.84 0.53 0.00	15.93 0.85 0.00	19.97 1.08 0.00	18.21 0.94 0.00	14.86 0.78 0.00	16.82 0.92 0.00	18.89 1.03 0.00	19.46 1.07 0.00	21.04 1.20 0.00	22.38 1.24 0.00	26.12 1.40 0.00	26.92 1.43 0.00	26.41 1.40 0.00	30.79 1.66 0.00	32.49 1.77 0.00	33.18 1.96 0.00	31.80 1.92 0.00	31.80 1.87 0.00	31.83 1.87 0.00	26.73 1.49 0.00	26.80 1.45 0.00	28.32 1.38 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	16.86 1.11 0.00	18.68 1.20 0.00	9.95 0.64 0.00	16.09 1.02 0.00	20.17 1.29 0.00	18.42 1.15 0.00	15.04 0.95 0.00	17.03 1.12 0.00	19.15 1.30 0.00	19.77 1.37 0.00	21.39 1.54 0.00	22.77 1.62 0.00	26.58 1.87 0.00	27.40 1.91 0.00	26.86 1.85 0.00	31.33 2.20 0.00	33.08 2.36 0.00	33.80 2.58 0.00	32.40 2.53 0.00	32.43 2.51 0.00	32.46 2.51 0.00	27.23 1.99 0.00	27.24 1.89 0.00	28.76 1.82 0.00
POLETTI____ 23519	16.71 0.96 0.00	18.51 1.04 0.00	9.85 0.54 0.00	15.96 0.88 0.00	20.03 1.14 0.00	18.23 0.96 0.00	14.89 0.81 0.00	16.88 0.98 0.00	18.93 1.07 0.00	19.50 1.11 0.00	21.09 1.24 0.00	22.44 1.29 0.00	26.16 1.44 0.00	26.96 1.47 0.00	26.45 1.45 0.00	30.83 1.71 0.00	32.52 1.80 0.00	33.22 2.00 0.00	31.83 1.95 0.00	31.83 1.90 0.00	31.86 1.91 0.00	26.76 1.52 0.00	26.84 1.48 0.00	28.38 1.44 0.00
POMONA__ESR 323819	16.62 0.87 0.00	18.41 0.93 0.00	9.80 0.49 0.00	15.87 0.80 0.00	19.90 1.01 0.00	18.16 0.89 0.00	14.82 0.74 0.00	16.76 0.86 0.00	18.82 0.97 0.00	19.38 0.98 0.00	20.96 1.11 0.00	22.30 1.15 0.00	26.02 1.31 0.00	26.82 1.34 0.00	26.30 1.30 0.00	30.66 1.53 0.00	32.37 1.65 0.00	33.05 1.84 0.00	31.69 1.81 0.00	31.71 1.78 0.00	31.77 1.81 0.00	26.69 1.45 0.00	26.75 1.40 0.00	28.30 1.36 0.00
PORT_JEFF_3 23555	17.00 1.25 0.00	18.80 1.33 0.00	10.03 0.72 0.00	16.18 1.11 0.00	20.18 1.30 0.00	18.40 1.13 0.00	15.16 1.08 0.00	17.12 1.22 0.00	19.21 1.35 0.00	21.40 1.51 -1.49	22.07 1.67 -0.55	22.58 1.63 0.20	27.55 1.78 -1.05	28.26 1.84 -0.93	27.36 1.88 -0.48	31.66 2.22 -0.31	33.06 2.28 -0.07	33.67 2.45 0.00	31.94 2.06 0.00	31.75 1.82 0.00	31.76 1.81 0.00	26.76 1.53 0.00	27.13 1.78 0.00	28.58 1.63 0.00
PORT_JEFF_4 23616	17.00 1.25 0.00	18.80 1.33 0.00	10.03 0.72 0.00	16.18 1.11 0.00	20.18 1.30 0.00	18.40 1.13 0.00	15.16 1.08 0.00	17.12 1.22 0.00	19.21 1.35 0.00	21.40 1.51 -1.49	22.07 1.67 -0.55	22.58 1.63 0.20	27.55 1.78 -1.05	28.26 1.84 -0.93	27.36 1.88 -0.48	31.66 2.22 -0.31	33.06 2.28 -0.07	33.67 2.45 0.00	31.94 2.06 0.00	31.75 1.82 0.00	31.76 1.81 0.00	26.76 1.53 0.00	27.13 1.78 0.00	28.58 1.63 0.00
PORT_JEFF_IC 23713	17.03 1.28 0.00	18.83 1.36 0.00	10.04 0.73 0.00	16.19 1.12 0.00	20.21 1.32 0.00	18.42 1.15 0.00	15.18 1.09 0.00	17.13 1.23 0.00	19.24 1.38 0.00	21.44 1.55 -1.50	22.11 1.68 -0.58	22.62 1.65 0.18	27.62 1.81 -1.10	28.33 1.88 -0.97	27.42 1.92 -0.50	31.72 2.26 -0.33	33.07 2.29 -0.07	33.72 2.51 0.00	32.01 2.13 0.00	31.81 1.88 0.00	31.82 1.87 0.00	26.81 1.57 0.00	27.18 1.83 0.00	28.62 1.68 0.00

PPL PILGRIM_ST_GT1 24216	17.07 1.32 0.00	18.85 1.38 0.00	10.04 0.73 0.00	16.20 1.12 0.00	20.23 1.34 0.00	18.45 1.18 0.00	15.18 1.10 0.00	17.14 1.24 0.00	19.24 1.38 0.00	21.42 1.55 -1.47	22.26 1.75 -0.66	22.77 1.73 0.11	27.88 1.91 -1.26	28.60 2.00 -1.11	27.58 2.00 -0.57	31.90 2.39 -0.38	33.23 2.44 -0.08	33.85 2.63 0.00	32.16 2.28 0.00	31.99 2.06 0.00	32.02 2.06 0.00	26.97 1.74 0.00	27.28 1.93 0.00	28.72 1.78 0.00
PPL PILGRIM_ST_GT2 24217	17.07 1.32 0.00	18.85 1.38 0.00	10.04 0.73 0.00	16.20 1.12 0.00	20.23 1.34 0.00	18.45 1.18 0.00	15.18 1.10 0.00	17.14 1.24 0.00	19.24 1.38 0.00	21.42 1.55 -1.47	22.26 1.75 -0.66	22.77 1.73 0.11	27.88 1.91 -1.26	28.60 2.00 -1.11	27.58 2.00 -0.57	31.90 2.39 -0.38	33.23 2.44 -0.08	33.85 2.63 0.00	32.16 2.28 0.00	31.99 2.06 0.00	32.02 2.06 0.00	26.97 1.74 0.00	27.28 1.93 0.00	28.72 1.78 0.00
PPL_SHRM_GT3 24213	17.16 1.41 0.00	18.95 1.48 0.00	10.10 0.79 0.00	16.29 1.22 0.00	20.35 1.46 0.00	18.54 1.28 0.00	15.28 1.19 0.00	17.26 1.36 0.00	19.38 1.53 0.00	21.57 1.68 -1.50	22.02 1.61 -0.56	22.52 1.56 0.19	27.50 1.72 -1.07	28.21 1.77 -0.94	27.32 1.83 -0.49	31.63 2.18 -0.32	33.03 2.25 -0.07	33.65 2.43 0.00	31.97 2.09 0.00	31.75 1.82 0.00	31.75 1.80 0.00	26.74 1.50 0.00	27.07 1.72 0.00	28.51 1.57 0.00
PPL_SHRM_GT4 24214	17.16 1.41 0.00	18.95 1.48 0.00	10.10 0.79 0.00	16.29 1.22 0.00	20.35 1.46 0.00	18.54 1.28 0.00	15.28 1.19 0.00	17.26 1.36 0.00	19.38 1.53 0.00	21.57 1.68 -1.50	22.02 1.61 -0.56	22.52 1.56 0.19	27.50 1.72 -1.07	28.21 1.77 -0.94	27.32 1.83 -0.49	31.63 2.18 -0.32	33.03 2.25 -0.07	33.65 2.43 0.00	31.97 2.09 0.00	31.75 1.82 0.00	31.75 1.80 0.00	26.74 1.50 0.00	27.07 1.72 0.00	28.51 1.57 0.00
PROJECT___ORANGE 1 24174	15.61 -0.14 0.00	17.32 -0.15 0.00	9.22 -0.09 0.00	14.94 -0.13 0.00	18.72 -0.17 0.00	17.12 -0.15 0.00	13.97 -0.12 0.00	15.77 -0.13 0.00	17.74 -0.12 0.00	18.28 -0.11 0.00	19.74 -0.10 0.00	21.05 -0.09 0.00	24.61 -0.10 0.00	25.40 -0.09 0.00	24.91 -0.10 0.00	28.99 -0.14 0.00	30.55 -0.17 0.00	31.10 -0.12 0.00	29.79 -0.09 0.00	29.87 -0.06 0.00	29.88 -0.08 0.00	25.17 -0.07 0.00	25.26 -0.10 0.00	26.91 -0.03 0.00
PROJECT___ORANGE 2 24166	15.61 -0.14 0.00	17.32 -0.15 0.00	9.22 -0.09 0.00	14.94 -0.13 0.00	18.72 -0.17 0.00	17.12 -0.15 0.00	13.97 -0.12 0.00	15.77 -0.13 0.00	17.74 -0.12 0.00	18.28 -0.11 0.00	19.74 -0.10 0.00	21.05 -0.09 0.00	24.61 -0.10 0.00	25.40 -0.09 0.00	24.91 -0.10 0.00	28.99 -0.14 0.00	30.55 -0.17 0.00	31.10 -0.12 0.00	29.79 -0.09 0.00	29.87 -0.06 0.00	29.88 -0.08 0.00	25.17 -0.07 0.00	25.26 -0.10 0.00	26.91 -0.03 0.00
PUCKETT___SOLAR 323809	15.80 0.05 0.00	17.53 0.06 0.00	9.33 0.03 0.00	15.13 0.05 0.00	18.96 0.07 0.00	17.36 0.09 0.00	14.16 0.08 0.00	16.03 0.12 0.00	18.02 0.17 0.00	18.56 0.16 0.00	20.03 0.19 0.00	21.38 0.24 0.00	24.98 0.27 0.00	25.84 0.35 0.00	25.36 0.35 0.00	29.58 0.46 0.00	31.29 0.57 0.00	32.01 0.79 0.00	30.66 0.79 0.00	30.82 0.89 0.00	30.81 0.86 0.00	25.98 0.74 0.00	26.08 0.72 0.00	27.76 0.82 0.00
PYRITES___HYD 24023	15.73 -0.02 0.00	17.42 -0.06 0.00	9.26 -0.05 0.00	15.01 -0.06 0.00	18.85 -0.04 0.00	17.32 0.05 0.00	14.14 0.06 0.00	15.93 0.03 0.00	17.88 0.03 0.00	18.41 0.02 0.00	19.79 -0.05 0.00	21.01 -0.13 0.00	24.59 -0.12 0.00	25.37 -0.12 0.00	24.86 -0.15 0.00	28.88 -0.25 0.00	30.49 -0.23 0.00	30.87 -0.34 0.00	29.55 -0.33 0.00	29.59 -0.34 0.00	29.65 -0.31 0.00	25.18 -0.06 0.00	25.51 0.16 0.00	27.05 0.11 0.00
QUAKERRD_115KV_BK1 80622	15.11 -0.64 0.00	16.77 -0.71 0.00	8.93 -0.37 0.00	14.47 -0.60 0.00	18.16 -0.73 0.00	16.60 -0.67 0.00	13.56 -0.53 0.00	15.26 -0.64 0.00	17.22 -0.63 0.00	17.77 -0.63 0.00	19.17 -0.68 0.00	20.45 -0.69 0.00	23.96 -0.76 0.00	24.71 -0.78 0.00	24.25 -0.75 0.00	28.19 -0.94 0.00	29.65 -1.07 0.00	30.10 -1.12 0.00	28.78 -1.09 0.00	28.89 -1.04 0.00	28.93 -1.02 0.00	24.45 -0.79 0.00	24.53 -0.83 0.00	26.22 -0.73 0.00
QUENSBRY_115KV_TB8 356137	16.46 0.71 0.00	18.21 0.74 0.00	9.67 0.36 0.00	15.65 0.58 0.00	19.61 0.72 0.00	17.95 0.68 0.00	14.63 0.54 0.00	16.56 0.65 0.00	18.58 0.72 0.00	19.21 0.81 0.00	20.78 0.94 0.00	22.12 0.97 0.00	25.80 1.09 0.00	26.56 1.07 0.00	26.09 1.08 0.00	30.48 1.35 0.00	32.28 1.57 0.00	32.88 1.66 0.00	31.53 1.65 0.00	31.49 1.56 0.00	31.43 1.48 0.00	26.34 1.11 0.00	26.25 0.89 0.00	27.66 0.72 0.00
RAMAPO___LBMP 323565	16.56 0.81 0.00	18.35 0.87 0.00	9.77 0.46 0.00	15.81 0.74 0.00	19.84 0.95 0.00	18.10 0.83 0.00	14.77 0.69 0.00	16.70 0.79 0.00	18.76 0.90 0.00	19.31 0.91 0.00	20.87 1.03 0.00	22.21 1.07 0.00	25.92 1.21 0.00	26.72 1.24 0.00	26.20 1.20 0.00	30.54 1.41 0.00	32.23 1.52 0.00	32.93 1.71 0.00	31.57 1.69 0.00	31.58 1.65 0.00	31.65 1.69 0.00	26.59 1.35 0.00	26.65 1.30 0.00	28.21 1.27 0.00
RANKINE____ 23646	15.33 -0.42 0.00	17.03 -0.44 0.00	9.07 -0.24 0.00	14.73 -0.34 0.00	18.48 -0.40 0.00	16.91 -0.35 0.00	13.82 -0.27 0.00	15.50 -0.41 0.00	17.49 -0.36 0.00	18.04 -0.35 0.00	19.48 -0.36 0.00	20.85 -0.29 0.00	24.47 -0.25 0.00	25.31 -0.17 0.00	24.89 -0.11 0.00	29.00 -0.13 0.00	30.42 -0.30 0.00	30.79 -0.43 0.00	29.34 -0.53 0.00	29.51 -0.42 0.00	29.52 -0.44 0.00	25.12 -0.11 0.00	25.27 -0.08 0.00	27.18 0.24 0.00
RAVENSWOOD_GT2_1 24244	16.73 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.90 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.91 0.82 0.00	16.88 0.98 0.00	18.95 1.09 0.00	19.52 1.13 0.00	21.11 1.26 0.00	22.46 1.31 0.00	26.19 1.47 0.00	27.00 1.51 0.00	26.48 1.48 0.00	30.87 1.75 0.00	32.56 1.84 0.00	33.26 2.05 0.00	31.87 1.99 0.00	31.88 1.95 0.00	31.90 1.95 0.00	26.79 1.56 0.00	26.87 1.52 0.00	28.40 1.46 0.00
RAVENSWOOD_GT2_2 24245	16.73 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.90 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.91 0.82 0.00	16.88 0.98 0.00	18.95 1.09 0.00	19.52 1.13 0.00	21.11 1.26 0.00	22.46 1.31 0.00	26.19 1.47 0.00	27.00 1.51 0.00	26.48 1.48 0.00	30.87 1.75 0.00	32.56 1.84 0.00	33.26 2.05 0.00	31.87 1.99 0.00	31.88 1.95 0.00	31.90 1.95 0.00	26.79 1.56 0.00	26.87 1.52 0.00	28.40 1.46 0.00
RAVENSWOOD_GT2_3 24246	16.73 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.90 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.91 0.82 0.00	16.89 0.98 0.00	18.95 1.09 0.00	19.53 1.13 0.00	21.12 1.27 0.00	22.46 1.32 0.00	26.19 1.48 0.00	27.00 1.51 0.00	26.49 1.49 0.00	30.88 1.75 0.00	32.57 1.85 0.00	33.28 2.06 0.00	31.87 2.00 0.00	31.88 1.95 0.00	31.90 1.95 0.00	26.80 1.56 0.00	26.88 1.53 0.00	28.41 1.46 0.00

RAVENSWOOD_GT2_4 24247	16.73 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.90 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.91 0.82 0.00	16.89 0.98 0.00	18.95 1.09 0.00	19.53 1.13 0.00	21.12 1.27 0.00	22.46 1.32 0.00	26.19 1.48 0.00	27.00 1.51 0.00	26.49 1.49 0.00	30.88 1.75 0.00	32.57 1.85 0.00	33.28 2.06 0.00	31.87 2.00 0.00	31.88 1.95 0.00	31.90 1.95 0.00	26.80 1.56 0.00	26.88 1.53 0.00	28.41 1.46 0.00
RAVENSWOOD_GT3_1 24248	16.73 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.90 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.91 0.82 0.00	16.89 0.98 0.00	18.95 1.09 0.00	19.52 1.13 0.00	21.11 1.27 0.00	22.46 1.32 0.00	26.19 1.48 0.00	27.00 1.51 0.00	26.49 1.48 0.00	30.88 1.75 0.00	32.57 1.85 0.00	33.27 2.06 0.00	31.87 1.99 0.00	31.88 1.95 0.00	31.90 1.95 0.00	26.80 1.56 0.00	26.88 1.53 0.00	28.41 1.46 0.00
RAVENSWOOD_GT3_2 24249	16.73 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.90 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.91 0.82 0.00	16.89 0.98 0.00	18.95 1.09 0.00	19.52 1.13 0.00	21.11 1.27 0.00	22.46 1.32 0.00	26.19 1.48 0.00	27.00 1.51 0.00	26.49 1.48 0.00	30.88 1.75 0.00	32.57 1.85 0.00	33.27 2.06 0.00	31.87 1.99 0.00	31.88 1.95 0.00	31.90 1.95 0.00	26.80 1.56 0.00	26.88 1.53 0.00	28.41 1.46 0.00
RAVENSWOOD_GT3_3 24250	16.75 1.00 0.00	18.55 1.08 0.00	9.87 0.57 0.00	15.99 0.91 0.00	20.05 1.16 0.00	18.27 1.00 0.00	14.92 0.84 0.00	16.91 1.00 0.00	18.97 1.12 0.00	19.55 1.16 0.00	21.14 1.30 0.00	22.50 1.35 0.00	26.23 1.52 0.00	27.04 1.55 0.00	26.53 1.52 0.00	30.92 1.79 0.00	32.61 1.90 0.00	33.32 2.10 0.00	31.92 2.05 0.00	31.93 2.00 0.00	31.96 2.00 0.00	26.84 1.60 0.00	26.91 1.56 0.00	28.45 1.51 0.00
RAVENSWOOD_GT3_4 24251	16.75 1.00 0.00	18.55 1.08 0.00	9.87 0.57 0.00	15.99 0.91 0.00	20.05 1.16 0.00	18.27 1.00 0.00	14.92 0.84 0.00	16.91 1.00 0.00	18.97 1.12 0.00	19.55 1.16 0.00	21.14 1.30 0.00	22.50 1.35 0.00	26.23 1.52 0.00	27.04 1.55 0.00	26.53 1.52 0.00	30.92 1.79 0.00	32.61 1.90 0.00	33.32 2.10 0.00	31.92 2.05 0.00	31.93 2.00 0.00	31.96 2.00 0.00	26.84 1.60 0.00	26.91 1.56 0.00	28.45 1.51 0.00
RAVENSWOOD_GT_1 23729	16.75 1.00 0.00	18.56 1.08 0.00	9.88 0.57 0.00	16.00 0.93 0.00	20.07 1.18 0.00	18.28 1.01 0.00	14.92 0.84 0.00	16.91 1.01 0.00	18.97 1.12 0.00	19.54 1.15 0.00	21.14 1.30 0.00	22.50 1.35 0.00	26.22 1.51 0.00	27.04 1.55 0.00	26.53 1.52 0.00	30.92 1.79 0.00	32.61 1.89 0.00	33.32 2.10 0.00	31.92 2.05 0.00	31.93 2.00 0.00	31.95 2.00 0.00	26.84 1.60 0.00	26.92 1.56 0.00	28.44 1.50 0.00
RAVENSWOOD_GT_10 24258	16.73 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.90 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.91 0.82 0.00	16.89 0.98 0.00	18.95 1.09 0.00	19.53 1.13 0.00	21.11 1.27 0.00	22.46 1.32 0.00	26.19 1.48 0.00	27.00 1.51 0.00	26.49 1.49 0.00	30.88 1.75 0.00	32.57 1.85 0.00	33.28 2.06 0.00	31.87 2.00 0.00	31.88 1.95 0.00	31.90 1.95 0.00	26.80 1.56 0.00	26.88 1.53 0.00	28.41 1.47 0.00
RAVENSWOOD_GT_11 24259	16.73 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.90 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.91 0.82 0.00	16.89 0.98 0.00	18.95 1.09 0.00	19.53 1.13 0.00	21.11 1.27 0.00	22.46 1.32 0.00	26.19 1.48 0.00	27.00 1.51 0.00	26.49 1.49 0.00	30.88 1.75 0.00	32.57 1.85 0.00	33.28 2.06 0.00	31.87 2.00 0.00	31.88 1.95 0.00	31.90 1.95 0.00	26.80 1.56 0.00	26.88 1.53 0.00	28.41 1.47 0.00
RAVENSWOOD_GT_4 24252	16.73 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.90 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.91 0.82 0.00	16.89 0.98 0.00	18.95 1.10 0.00	19.53 1.14 0.00	21.12 1.28 0.00	22.47 1.32 0.00	26.20 1.48 0.00	27.00 1.52 0.00	26.50 1.49 0.00	30.89 1.76 0.00	32.58 1.87 0.00	33.28 2.07 0.00	31.89 2.01 0.00	31.89 1.96 0.00	31.91 1.96 0.00	26.80 1.57 0.00	26.88 1.53 0.00	28.42 1.47 0.00
RAVENSWOOD_GT_5 24254	16.73 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.90 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.91 0.82 0.00	16.89 0.98 0.00	18.95 1.10 0.00	19.53 1.14 0.00	21.12 1.28 0.00	22.47 1.32 0.00	26.20 1.48 0.00	27.00 1.52 0.00	26.50 1.49 0.00	30.89 1.76 0.00	32.58 1.87 0.00	33.28 2.07 0.00	31.89 2.01 0.00	31.89 1.96 0.00	31.91 1.96 0.00	26.80 1.57 0.00	26.88 1.53 0.00	28.42 1.47 0.00
RAVENSWOOD_GT_6 24253	16.73 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.90 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.91 0.82 0.00	16.89 0.98 0.00	18.95 1.10 0.00	19.53 1.14 0.00	21.12 1.28 0.00	22.47 1.32 0.00	26.20 1.48 0.00	27.00 1.52 0.00	26.50 1.49 0.00	30.89 1.76 0.00	32.58 1.87 0.00	33.28 2.07 0.00	31.89 2.01 0.00	31.89 1.96 0.00	31.91 1.96 0.00	26.80 1.57 0.00	26.88 1.53 0.00	28.42 1.47 0.00
RAVENSWOOD_GT_7 24255	16.73 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.90 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.91 0.82 0.00	16.89 0.98 0.00	18.95 1.10 0.00	19.53 1.14 0.00	21.12 1.28 0.00	22.47 1.32 0.00	26.20 1.48 0.00	27.00 1.52 0.00	26.50 1.49 0.00	30.89 1.76 0.00	32.58 1.87 0.00	33.28 2.07 0.00	31.89 2.01 0.00	31.89 1.96 0.00	31.91 1.96 0.00	26.80 1.57 0.00	26.88 1.53 0.00	28.42 1.47 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	16.73 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.90 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.91 0.82 0.00	16.89 0.98 0.00	18.95 1.09 0.00	19.53 1.13 0.00	21.11 1.27 0.00	22.46 1.32 0.00	26.19 1.48 0.00	27.00 1.51 0.00	26.49 1.49 0.00	30.88 1.75 0.00	32.57 1.85 0.00	33.28 2.06 0.00	31.87 2.00 0.00	31.88 1.95 0.00	31.90 1.95 0.00	26.80 1.56 0.00	26.88 1.53 0.00	28.41 1.47 0.00
RAVENSWOOD_GT_9 24257	16.73 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.90 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.91 0.82 0.00	16.89 0.98 0.00	18.95 1.09 0.00	19.53 1.13 0.00	21.11 1.27 0.00	22.46 1.32 0.00	26.19 1.48 0.00	27.00 1.51 0.00	26.49 1.49 0.00	30.88 1.75 0.00	32.57 1.85 0.00	33.28 2.06 0.00	31.87 2.00 0.00	31.88 1.95 0.00	31.90 1.95 0.00	26.80 1.56 0.00	26.88 1.53 0.00	28.41 1.47 0.00
RAVENSWOOD___1 23533	16.72 0.98 0.00	18.53 1.05 0.00	9.86 0.56 0.00	15.98 0.90 0.00	20.04 1.15 0.00	18.25 0.98 0.00	14.90 0.81 0.00	16.89 0.98 0.00	18.94 1.08 0.00	19.50 1.11 0.00	21.11 1.26 0.00	22.46 1.31 0.00	26.17 1.46 0.00	26.99 1.50 0.00	26.48 1.47 0.00	30.87 1.74 0.00	32.56 1.84 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.86 1.93 0.00	31.89 1.94 0.00	26.79 1.55 0.00	26.86 1.51 0.00	28.39 1.45 0.00

RAVENSWOOD___2 23534	16.72 0.98 0.00	18.53 1.05 0.00	9.86 0.56 0.00	15.98 0.90 0.00	20.04 1.15 0.00	18.25 0.98 0.00	14.90 0.81 0.00	16.89 0.98 0.00	18.94 1.08 0.00	19.50 1.11 0.00	21.11 1.26 0.00	22.46 1.31 0.00	26.17 1.46 0.00	26.99 1.50 0.00	26.48 1.47 0.00	30.87 1.74 0.00	32.56 1.84 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.86 1.93 0.00	31.89 1.94 0.00	26.79 1.55 0.00	26.86 1.51 0.00	28.39 1.45 0.00
RAVENSWOOD___3 23535	16.73 0.98 0.00	18.53 1.05 0.00	9.86 0.55 0.00	15.97 0.90 0.00	20.03 1.14 0.00	18.25 0.98 0.00	14.91 0.82 0.00	16.89 0.99 0.00	18.95 1.09 0.00	19.52 1.13 0.00	21.12 1.27 0.00	22.46 1.32 0.00	26.19 1.48 0.00	27.00 1.51 0.00	26.49 1.48 0.00	30.88 1.75 0.00	32.57 1.86 0.00	33.28 2.06 0.00	31.87 2.00 0.00	31.88 1.95 0.00	31.90 1.95 0.00	26.80 1.56 0.00	26.88 1.53 0.00	28.41 1.46 0.00
RAVENSWOOD___4 23820	16.72 0.98 0.00	18.53 1.05 0.00	9.86 0.56 0.00	15.98 0.90 0.00	20.04 1.15 0.00	18.25 0.98 0.00	14.90 0.81 0.00	16.89 0.98 0.00	18.94 1.08 0.00	19.50 1.11 0.00	21.11 1.26 0.00	22.46 1.31 0.00	26.17 1.46 0.00	26.99 1.50 0.00	26.48 1.47 0.00	30.87 1.74 0.00	32.56 1.84 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.86 1.93 0.00	31.89 1.94 0.00	26.79 1.55 0.00	26.86 1.51 0.00	28.39 1.45 0.00
RCPI_TRUST___DRP 24196	16.76 1.01 0.00	18.57 1.09 0.00	9.88 0.58 0.00	16.00 0.93 0.00	20.06 1.18 0.00	18.28 1.01 0.00	14.93 0.85 0.00	16.92 1.02 0.00	18.98 1.13 0.00	19.57 1.17 0.00	21.16 1.32 0.00	22.51 1.37 0.00	26.25 1.53 0.00	27.06 1.57 0.00	26.55 1.54 0.00	30.95 1.82 0.00	32.64 1.93 0.00	33.34 2.13 0.00	31.95 2.07 0.00	31.95 2.02 0.00	31.96 2.01 0.00	26.84 1.60 0.00	26.91 1.56 0.00	28.46 1.52 0.00
RED___ROCHESTER 323720	15.47 -0.28 0.00	17.18 -0.30 0.00	9.15 -0.16 0.00	14.81 -0.26 0.00	18.59 -0.30 0.00	17.00 -0.27 0.00	13.89 -0.20 0.00	15.61 -0.29 0.00	17.63 -0.22 0.00	18.20 -0.19 0.00	19.63 -0.21 0.00	20.96 -0.19 0.00	24.57 -0.14 0.00	25.36 -0.13 0.00	24.87 -0.13 0.00	28.94 -0.19 0.00	30.41 -0.31 0.00	30.87 -0.35 0.00	29.49 -0.38 0.00	29.62 -0.30 0.00	29.68 -0.28 0.00	25.11 -0.12 0.00	25.19 -0.16 0.00	26.95 0.01 0.00
REGAN___SOLAR 323812	17.23 1.48 0.00	19.01 1.54 0.00	10.10 0.79 0.00	16.34 1.26 0.00	20.48 1.59 0.00	18.35 1.08 0.00	15.34 1.25 0.00	17.42 1.51 0.00	19.76 1.90 0.00	20.39 1.99 0.00	22.07 2.22 0.00	23.54 2.39 0.00	27.72 3.01 0.00	28.61 3.12 0.00	27.94 2.94 0.00	32.73 3.61 0.00	34.74 4.03 0.00	35.55 4.34 0.00	34.03 4.15 0.00	34.20 4.27 0.00	34.24 4.28 0.00	28.75 3.51 0.00	28.70 3.35 0.00	30.39 3.45 0.00
RENSSELAER___COGEN 23796	16.23 0.48 0.00	18.01 0.54 0.00	9.61 0.31 0.00	15.55 0.48 0.00	19.45 0.56 0.00	17.76 0.48 0.00	14.47 0.39 0.00	16.33 0.42 0.00	18.22 0.37 0.00	18.75 0.36 0.00	20.06 0.22 0.00	21.35 0.21 0.00	24.92 0.21 0.00	25.68 0.19 0.00	25.20 0.19 0.00	29.37 0.24 0.00	31.01 0.29 0.00	31.60 0.38 0.00	30.27 0.40 0.00	30.31 0.38 0.00	30.33 0.37 0.00	25.49 0.25 0.00	25.58 0.23 0.00	27.26 0.32 0.00
REPUBLIC_115KV_BARTNBRK 55605	17.06 1.31 0.00	18.79 1.32 0.00	9.94 0.63 0.00	16.07 0.99 0.00	20.14 1.25 0.00	18.54 1.27 0.00	15.10 1.02 0.00	17.12 1.22 0.00	19.04 1.19 0.00	19.76 1.37 0.00	21.49 1.65 0.00	22.85 1.70 0.00	26.65 1.94 0.00	27.38 1.89 0.00	26.96 1.95 0.00	31.60 2.47 0.00	33.65 2.94 0.00	34.21 2.99 0.00	32.98 3.11 0.00	32.86 2.93 0.00	32.68 2.73 0.00	27.35 2.12 0.00	27.07 1.72 0.00	28.35 1.41 0.00
REVERE_CPPR_DRP 24186	16.05 0.31 0.00	17.77 0.29 0.00	9.45 0.14 0.00	15.31 0.24 0.00	19.17 0.28 0.00	17.57 0.29 0.00	14.35 0.27 0.00	16.21 0.30 0.00	18.24 0.39 0.00	18.82 0.43 0.00	20.38 0.54 0.00	21.73 0.58 0.00	25.38 0.66 0.00	26.21 0.72 0.00	25.76 0.75 0.00	30.04 0.91 0.00	31.74 1.02 0.00	32.30 1.09 0.00	30.96 1.09 0.00	31.06 1.14 0.00	31.11 1.15 0.00	26.14 0.90 0.00	26.22 0.87 0.00	27.84 0.89 0.00
REYNOLDS_115KV_TB3 80639	16.26 0.51 0.00	18.04 0.57 0.00	9.62 0.31 0.00	15.57 0.50 0.00	19.48 0.59 0.00	17.78 0.51 0.00	14.48 0.40 0.00	16.35 0.44 0.00	18.28 0.43 0.00	18.83 0.43 0.00	20.22 0.37 0.00	21.52 0.37 0.00	25.10 0.38 0.00	25.86 0.38 0.00	25.38 0.37 0.00	29.57 0.44 0.00	31.23 0.51 0.00	31.82 0.60 0.00	30.48 0.60 0.00	30.50 0.58 0.00	30.54 0.59 0.00	25.67 0.43 0.00	25.74 0.38 0.00	27.35 0.41 0.00
RIVERBAY____ 323610	16.75 1.01 0.00	18.55 1.08 0.00	9.89 0.58 0.00	16.03 0.95 0.00	20.10 1.21 0.00	18.30 1.03 0.00	14.93 0.84 0.00	16.97 1.06 0.00	19.03 1.18 0.00	19.59 1.20 0.00	21.21 1.37 0.00	22.57 1.42 0.00	26.27 1.56 0.00	27.09 1.60 0.00	26.59 1.59 0.00	31.00 1.87 0.00	32.67 1.96 0.00	33.39 2.17 0.00	31.98 2.10 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.90 1.66 0.00	26.98 1.63 0.00	28.47 1.53 0.00
RIVERSDE_115KV_TB3 55908	16.24 0.49 0.00	18.02 0.55 0.00	9.62 0.31 0.00	15.55 0.48 0.00	19.45 0.56 0.00	17.76 0.49 0.00	14.48 0.39 0.00	16.33 0.43 0.00	18.23 0.38 0.00	18.76 0.37 0.00	20.08 0.24 0.00	21.38 0.23 0.00	24.95 0.23 0.00	25.71 0.23 0.00	25.22 0.22 0.00	29.39 0.26 0.00	31.04 0.32 0.00	31.63 0.41 0.00	30.30 0.42 0.00	30.33 0.40 0.00	30.36 0.40 0.00	25.51 0.27 0.00	25.60 0.25 0.00	27.27 0.33 0.00
ROARING___BROOK_WT_PWR 323790	15.37 -0.37 0.00	17.07 -0.41 0.00	9.09 -0.21 0.00	14.74 -0.33 0.00	18.40 -0.49 0.00	16.86 -0.41 0.00	13.75 -0.34 0.00	15.46 -0.44 0.00	17.30 -0.56 0.00	17.81 -0.59 0.00	19.21 -0.64 0.00	20.52 -0.62 0.00	23.99 -0.73 0.00	24.70 -0.78 0.00	24.35 -0.65 0.00	28.54 -0.59 0.00	30.22 -0.50 0.00	30.68 -0.54 0.00	29.41 -0.46 0.00	29.59 -0.34 0.00	29.60 -0.35 0.00	24.87 -0.36 0.00	24.97 -0.38 0.00	26.51 -0.43 0.00
ROCHESRG_115KV_T4 355643	15.35 -0.39 0.00	17.05 -0.42 0.00	9.08 -0.22 0.00	14.72 -0.35 0.00	18.47 -0.42 0.00	16.88 -0.38 0.00	13.79 -0.29 0.00	15.51 -0.40 0.00	17.50 -0.36 0.00	18.05 -0.35 0.00	19.47 -0.38 0.00	20.78 -0.36 0.00	24.35 -0.36 0.00	25.13 -0.36 0.00	24.66 -0.35 0.00	28.68 -0.45 0.00	30.14 -0.58 0.00	30.56 -0.66 0.00	29.20 -0.68 0.00	29.32 -0.61 0.00	29.37 -0.59 0.00	24.86 -0.38 0.00	24.95 -0.41 0.00	26.72 -0.22 0.00
ROCHESTER_9_IC 23652	15.42 -0.33 0.00	17.12 -0.35 0.00	9.12 -0.19 0.00	14.78 -0.29 0.00	18.54 -0.35 0.00	16.95 -0.32 0.00	13.85 -0.24 0.00	15.57 -0.33 0.00	17.58 -0.27 0.00	18.14 -0.26 0.00	19.56 -0.28 0.00	20.89 -0.26 0.00	24.48 -0.24 0.00	25.26 -0.23 0.00	24.78 -0.23 0.00	28.83 -0.30 0.00	30.30 -0.42 0.00	30.73 -0.49 0.00	29.36 -0.52 0.00	29.49 -0.44 0.00	29.54 -0.42 0.00	25.00 -0.24 0.00	25.08 -0.27 0.00	26.85 -0.09 0.00

ROCKVIEW_13_KV_LD 356306	16.74 0.99 0.00	18.54 1.06 0.00	9.87 0.56 0.00	15.97 0.90 0.00	20.03 1.14 0.00	18.27 0.99 0.00	14.92 0.84 0.00	16.89 0.98 0.00	18.96 1.11 0.00	19.54 1.14 0.00	21.12 1.28 0.00	22.48 1.33 0.00	26.22 1.50 0.00	27.03 1.54 0.00	26.51 1.50 0.00	30.91 1.78 0.00	32.61 1.90 0.00	33.32 2.10 0.00	31.92 2.05 0.00	31.92 1.99 0.00	31.95 2.00 0.00	26.83 1.59 0.00	26.90 1.55 0.00	28.43 1.49 0.00
ROME____115KV_TB2 80656	16.05 0.31 0.00	17.77 0.29 0.00	9.45 0.14 0.00	15.31 0.24 0.00	19.17 0.28 0.00	17.57 0.29 0.00	14.35 0.27 0.00	16.21 0.30 0.00	18.24 0.39 0.00	18.82 0.43 0.00	20.38 0.54 0.00	21.73 0.58 0.00	25.38 0.66 0.00	26.21 0.72 0.00	25.76 0.75 0.00	30.04 0.91 0.00	31.74 1.02 0.00	32.30 1.09 0.00	30.96 1.09 0.00	31.06 1.14 0.00	31.11 1.15 0.00	26.14 0.90 0.00	26.22 0.87 0.00	27.84 0.89 0.00
ROSETON___1 23587	16.55 0.80 0.00	18.35 0.87 0.00	9.78 0.47 0.00	15.82 0.74 0.00	19.82 0.93 0.00	18.09 0.82 0.00	14.76 0.68 0.00	16.70 0.79 0.00	18.74 0.88 0.00	19.30 0.91 0.00	20.87 1.02 0.00	22.19 1.05 0.00	25.89 1.18 0.00	26.70 1.21 0.00	26.18 1.18 0.00	30.52 1.40 0.00	32.22 1.50 0.00	32.91 1.69 0.00	31.53 1.65 0.00	31.54 1.61 0.00	31.58 1.62 0.00	26.52 1.29 0.00	26.60 1.24 0.00	28.12 1.18 0.00
ROSETON___2 23588	16.55 0.80 0.00	18.35 0.87 0.00	9.78 0.47 0.00	15.82 0.74 0.00	19.82 0.93 0.00	18.09 0.82 0.00	14.76 0.68 0.00	16.70 0.79 0.00	18.74 0.88 0.00	19.30 0.91 0.00	20.87 1.02 0.00	22.19 1.05 0.00	25.89 1.18 0.00	26.70 1.21 0.00	26.18 1.18 0.00	30.52 1.40 0.00	32.22 1.50 0.00	32.91 1.69 0.00	31.53 1.65 0.00	31.54 1.61 0.00	31.58 1.62 0.00	26.52 1.29 0.00	26.60 1.24 0.00	28.12 1.18 0.00
ROTTDAM_115KV_TB3 80664	16.22 0.47 0.00	18.00 0.52 0.00	9.59 0.28 0.00	15.52 0.45 0.00	19.44 0.55 0.00	17.75 0.48 0.00	14.47 0.39 0.00	16.35 0.44 0.00	18.35 0.50 0.00	18.93 0.53 0.00	20.41 0.57 0.00	21.74 0.59 0.00	25.38 0.67 0.00	26.17 0.69 0.00	25.68 0.67 0.00	29.93 0.80 0.00	31.59 0.88 0.00	32.20 0.98 0.00	30.83 0.96 0.00	30.87 0.94 0.00	30.88 0.93 0.00	25.97 0.73 0.00	26.02 0.67 0.00	27.58 0.63 0.00
RUSSELL___1 23602	15.47 -0.27 0.00	17.18 -0.30 0.00	9.15 -0.16 0.00	14.82 -0.25 0.00	18.59 -0.30 0.00	17.00 -0.27 0.00	13.89 -0.20 0.00	15.62 -0.29 0.00	17.63 -0.22 0.00	18.20 -0.19 0.00	19.63 -0.21 0.00	20.96 -0.19 0.00	24.58 -0.14 0.00	25.36 -0.13 0.00	24.87 -0.13 0.00	28.94 -0.19 0.00	30.43 -0.29 0.00	30.86 -0.35 0.00	29.49 -0.38 0.00	29.63 -0.30 0.00	29.68 -0.28 0.00	25.11 -0.12 0.00	25.19 -0.17 0.00	26.95 0.01 0.00
RUSSELL___2 23532	15.47 -0.27 0.00	17.18 -0.30 0.00	9.15 -0.16 0.00	14.82 -0.25 0.00	18.59 -0.30 0.00	17.00 -0.27 0.00	13.89 -0.20 0.00	15.62 -0.29 0.00	17.63 -0.22 0.00	18.20 -0.19 0.00	19.63 -0.21 0.00	20.96 -0.19 0.00	24.58 -0.14 0.00	25.36 -0.13 0.00	24.87 -0.13 0.00	28.94 -0.19 0.00	30.43 -0.29 0.00	30.86 -0.35 0.00	29.49 -0.38 0.00	29.63 -0.30 0.00	29.68 -0.28 0.00	25.11 -0.12 0.00	25.19 -0.17 0.00	26.95 0.01 0.00
RUSSELL___3 23549	15.47 -0.27 0.00	17.18 -0.30 0.00	9.15 -0.16 0.00	14.82 -0.25 0.00	18.59 -0.30 0.00	17.00 -0.27 0.00	13.89 -0.20 0.00	15.62 -0.29 0.00	17.63 -0.22 0.00	18.20 -0.19 0.00	19.63 -0.21 0.00	20.96 -0.19 0.00	24.58 -0.14 0.00	25.36 -0.13 0.00	24.87 -0.13 0.00	28.94 -0.19 0.00	30.43 -0.29 0.00	30.86 -0.35 0.00	29.49 -0.38 0.00	29.63 -0.30 0.00	29.68 -0.28 0.00	25.11 -0.12 0.00	25.19 -0.17 0.00	26.95 0.01 0.00
RUSSELL___4 23556	15.47 -0.27 0.00	17.18 -0.30 0.00	9.15 -0.16 0.00	14.82 -0.25 0.00	18.59 -0.30 0.00	17.00 -0.27 0.00	13.89 -0.20 0.00	15.62 -0.29 0.00	17.63 -0.22 0.00	18.20 -0.19 0.00	19.63 -0.21 0.00	20.96 -0.19 0.00	24.58 -0.14 0.00	25.36 -0.13 0.00	24.87 -0.13 0.00	28.94 -0.19 0.00	30.43 -0.29 0.00	30.86 -0.35 0.00	29.49 -0.38 0.00	29.63 -0.30 0.00	29.68 -0.28 0.00	25.11 -0.12 0.00	25.19 -0.17 0.00	26.95 0.01 0.00
RUSSELL___STATION 23914	15.47 -0.27 0.00	17.18 -0.30 0.00	9.15 -0.16 0.00	14.82 -0.25 0.00	18.59 -0.30 0.00	17.00 -0.27 0.00	13.89 -0.20 0.00	15.62 -0.29 0.00	17.63 -0.22 0.00	18.20 -0.19 0.00	19.63 -0.21 0.00	20.96 -0.19 0.00	24.58 -0.14 0.00	25.36 -0.13 0.00	24.87 -0.13 0.00	28.94 -0.19 0.00	30.43 -0.29 0.00	30.86 -0.35 0.00	29.49 -0.38 0.00	29.63 -0.30 0.00	29.68 -0.28 0.00	25.11 -0.12 0.00	25.19 -0.17 0.00	26.95 0.01 0.00
S SALMON___HYD 24043	15.43 -0.32 0.00	17.08 -0.40 0.00	9.09 -0.22 0.00	14.74 -0.34 0.00	18.46 -0.43 0.00	16.91 -0.36 0.00	13.79 -0.29 0.00	15.56 -0.34 0.00	17.50 -0.35 0.00	18.05 -0.35 0.00	19.59 -0.25 0.00	20.86 -0.28 0.00	24.37 -0.35 0.00	25.20 -0.29 0.00	24.72 -0.28 0.00	28.77 -0.36 0.00	30.31 -0.40 0.00	30.86 -0.36 0.00	29.65 -0.23 0.00	29.73 -0.21 0.00	29.77 -0.19 0.00	25.11 -0.13 0.00	25.28 -0.08 0.00	26.88 -0.06 0.00
S.PERRY___115KV_TB1 80734	15.50 -0.24 0.00	17.21 -0.27 0.00	9.16 -0.15 0.00	14.86 -0.21 0.00	18.66 -0.23 0.00	17.08 -0.19 0.00	13.98 -0.11 0.00	15.73 -0.18 0.00	17.73 -0.12 0.00	18.23 -0.16 0.00	19.59 -0.25 0.00	20.98 -0.16 0.00	24.74 0.02 0.00	25.42 -0.07 0.00	25.00 0.00 0.00	29.16 0.03 0.00	30.79 0.08 0.00	31.31 0.09 0.00	30.23 0.36 0.00	30.51 0.58 0.00	30.65 0.70 0.00	25.93 0.70 0.00	25.97 0.61 0.00	27.73 0.78 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	15.19 -0.56 0.00	16.88 -0.59 0.00	9.00 -0.31 0.00	14.59 -0.48 0.00	18.33 -0.56 0.00	16.76 -0.51 0.00	13.69 -0.39 0.00	15.34 -0.57 0.00	17.32 -0.53 0.00	17.87 -0.52 0.00	19.30 -0.55 0.00	20.65 -0.50 0.00	24.21 -0.50 0.00	25.02 -0.46 0.00	24.60 -0.41 0.00	28.64 -0.49 0.00	30.00 -0.71 0.00	30.31 -0.90 0.00	28.88 -0.99 0.00	29.04 -0.89 0.00	29.07 -0.88 0.00	24.75 -0.49 0.00	24.89 -0.47 0.00	26.81 -0.13 0.00
SAWYER___23_KV_LOAD 55526	15.19 -0.56 0.00	16.88 -0.59 0.00	9.00 -0.31 0.00	14.59 -0.48 0.00	18.33 -0.56 0.00	16.76 -0.51 0.00	13.69 -0.39 0.00	15.34 -0.57 0.00	17.32 -0.53 0.00	17.87 -0.52 0.00	19.30 -0.55 0.00	20.65 -0.50 0.00	24.21 -0.50 0.00	25.02 -0.46 0.00	24.60 -0.41 0.00	28.64 -0.49 0.00	30.00 -0.71 0.00	30.31 -0.90 0.00	28.88 -0.99 0.00	29.04 -0.89 0.00	29.07 -0.88 0.00	24.75 -0.49 0.00	24.89 -0.47 0.00	26.81 -0.13 0.00
SELKIRK___I 23801	16.29 0.54 0.00	18.08 0.61 0.00	9.65 0.34 0.00	15.61 0.54 0.00	19.53 0.64 0.00	17.82 0.56 0.00	14.53 0.45 0.00	16.40 0.50 0.00	18.33 0.48 0.00	18.86 0.47 0.00	20.22 0.37 0.00	21.54 0.39 0.00	25.15 0.43 0.00	25.91 0.43 0.00	25.41 0.41 0.00	29.64 0.51 0.00	31.29 0.57 0.00	31.87 0.65 0.00	30.55 0.67 0.00	30.59 0.66 0.00	30.61 0.65 0.00	25.73 0.49 0.00	25.82 0.47 0.00	27.48 0.54 0.00

SELKIRK___II 23799	16.22 0.47 0.00	18.00 0.53 0.00	9.61 0.30 0.00	15.54 0.47 0.00	19.44 0.55 0.00	17.76 0.49 0.00	14.47 0.39 0.00	16.34 0.43 0.00	18.27 0.41 0.00	18.80 0.41 0.00	20.18 0.33 0.00	21.48 0.33 0.00	25.07 0.36 0.00	25.84 0.36 0.00	25.36 0.35 0.00	29.55 0.42 0.00	31.20 0.48 0.00	31.79 0.57 0.00	30.46 0.58 0.00	30.49 0.57 0.00	30.51 0.56 0.00	25.65 0.41 0.00	25.74 0.39 0.00	27.38 0.44 0.00
SENECA OSWGO___HYD 24041	15.49 -0.26 0.00	17.19 -0.29 0.00	9.16 -0.15 0.00	14.83 -0.24 0.00	18.58 -0.31 0.00	16.98 -0.29 0.00	13.86 -0.23 0.00	15.65 -0.26 0.00	17.59 -0.26 0.00	18.13 -0.26 0.00	19.59 -0.26 0.00	20.89 -0.26 0.00	24.42 -0.29 0.00	25.20 -0.29 0.00	24.71 -0.30 0.00	28.75 -0.38 0.00	30.28 -0.44 0.00	30.83 -0.38 0.00	29.54 -0.33 0.00	29.63 -0.30 0.00	29.65 -0.31 0.00	24.98 -0.26 0.00	25.05 -0.30 0.00	26.68 -0.26 0.00
SENECA___115KV_TB3 355854	15.35 -0.40 0.00	17.05 -0.42 0.00	9.09 -0.22 0.00	14.75 -0.33 0.00	18.51 -0.38 0.00	16.93 -0.33 0.00	13.84 -0.25 0.00	15.52 -0.39 0.00	17.52 -0.34 0.00	18.07 -0.33 0.00	19.51 -0.34 0.00	20.88 -0.26 0.00	24.50 -0.21 0.00	25.34 -0.14 0.00	24.92 -0.08 0.00	29.04 -0.09 0.00	30.46 -0.25 0.00	30.83 -0.39 0.00	29.39 -0.49 0.00	29.56 -0.37 0.00	29.56 -0.39 0.00	25.16 -0.07 0.00	25.30 -0.05 0.00	27.22 0.28 0.00
SENECA___ENERGY 23797	15.48 -0.27 0.00	17.17 -0.30 0.00	9.16 -0.15 0.00	14.82 -0.25 0.00	18.60 -0.29 0.00	17.02 -0.25 0.00	13.89 -0.19 0.00	15.69 -0.22 0.00	17.68 -0.18 0.00	18.20 -0.19 0.00	19.64 -0.20 0.00	20.94 -0.21 0.00	24.48 -0.23 0.00	25.33 -0.16 0.00	24.83 -0.17 0.00	28.84 -0.29 0.00	30.38 -0.34 0.00	31.03 -0.19 0.00	29.80 -0.08 0.00	29.89 -0.04 0.00	29.92 -0.03 0.00	25.24 0.00 0.00	25.33 -0.02 0.00	26.98 0.04 0.00
SHOEMAKER___GT 23640	16.49 0.74 0.00	18.28 0.80 0.00	9.74 0.44 0.00	15.76 0.69 0.00	19.75 0.86 0.00	18.03 0.76 0.00	14.71 0.63 0.00	16.64 0.74 0.00	18.69 0.83 0.00	19.25 0.85 0.00	20.81 0.96 0.00	22.15 1.00 0.00	25.84 1.13 0.00	26.62 1.14 0.00	26.12 1.11 0.00	30.45 1.32 0.00	32.14 1.42 0.00	32.83 1.61 0.00	31.45 1.57 0.00	31.48 1.55 0.00	31.52 1.56 0.00	26.49 1.25 0.00	26.55 1.20 0.00	28.09 1.15 0.00
SHOEMAKR_138KV_BK 111 55601	16.48 0.73 0.00	18.27 0.79 0.00	9.74 0.43 0.00	15.75 0.68 0.00	19.75 0.86 0.00	18.02 0.75 0.00	14.71 0.62 0.00	16.63 0.72 0.00	18.68 0.82 0.00	19.24 0.84 0.00	20.80 0.96 0.00	22.14 0.99 0.00	25.83 1.11 0.00	26.62 1.13 0.00	26.10 1.10 0.00	30.43 1.30 0.00	32.11 1.40 0.00	32.81 1.59 0.00	31.44 1.56 0.00	31.47 1.54 0.00	31.51 1.55 0.00	26.48 1.24 0.00	26.54 1.19 0.00	28.08 1.14 0.00
SHOREHAM_IC_1 23715	17.16 1.41 0.00	18.95 1.48 0.00	10.10 0.79 0.00	16.29 1.22 0.00	20.35 1.46 0.00	18.54 1.28 0.00	15.28 1.19 0.00	17.26 1.36 0.00	19.38 1.53 0.00	21.57 1.68 -1.50	22.02 1.61 -0.56	22.52 1.56 0.19	27.50 1.72 -1.07	28.21 1.77 -0.94	27.32 1.83 -0.49	31.63 2.18 -0.32	33.03 2.25 -0.07	33.65 2.43 0.00	31.97 2.09 0.00	31.75 1.82 0.00	31.75 1.80 0.00	26.74 1.50 0.00	27.07 1.72 0.00	28.51 1.57 0.00
SHOREHAM_IC_2 23716	17.16 1.41 0.00	18.95 1.48 0.00	10.10 0.79 0.00	16.29 1.22 0.00	20.35 1.46 0.00	18.54 1.28 0.00	15.28 1.19 0.00	17.26 1.36 0.00	19.38 1.53 0.00	21.57 1.68 -1.50	22.02 1.61 -0.56	22.52 1.56 0.19	27.50 1.72 -1.07	28.21 1.77 -0.94	27.32 1.83 -0.49	31.63 2.18 -0.32	33.03 2.25 -0.07	33.65 2.43 0.00	31.97 2.09 0.00	31.75 1.82 0.00	31.75 1.80 0.00	26.74 1.50 0.00	27.07 1.72 0.00	28.51 1.57 0.00
SISSONVILLE____ 23735	15.45 -0.29 0.00	17.11 -0.37 0.00	9.09 -0.21 0.00	14.74 -0.33 0.00	18.51 -0.38 0.00	17.02 -0.25 0.00	13.90 -0.18 0.00	15.69 -0.22 0.00	17.59 -0.26 0.00	18.12 -0.28 0.00	19.46 -0.38 0.00	20.64 -0.51 0.00	24.15 -0.57 0.00	24.91 -0.58 0.00	24.39 -0.62 0.00	28.33 -0.80 0.00	29.89 -0.82 0.00	30.27 -0.95 0.00	28.94 -0.94 0.00	28.97 -0.96 0.00	29.03 -0.92 0.00	24.71 -0.53 0.00	25.12 -0.24 0.00	26.67 -0.27 0.00
SITHE_IND_GS1 24169	15.34 -0.41 0.00	17.03 -0.45 0.00	9.07 -0.24 0.00	14.68 -0.39 0.00	18.41 -0.48 0.00	16.83 -0.44 0.00	13.73 -0.36 0.00	15.50 -0.41 0.00	17.42 -0.44 0.00	17.95 -0.44 0.00	19.38 -0.47 0.00	20.66 -0.49 0.00	24.15 -0.57 0.00	24.91 -0.58 0.00	24.42 -0.59 0.00	28.40 -0.73 0.00	29.92 -0.80 0.00	30.45 -0.77 0.00	29.15 -0.73 0.00	29.21 -0.72 0.00	29.25 -0.70 0.00	24.64 -0.60 0.00	24.75 -0.60 0.00	26.38 -0.56 0.00
SITHE_IND_GS2 24170	15.34 -0.41 0.00	17.03 -0.45 0.00	9.07 -0.24 0.00	14.68 -0.39 0.00	18.41 -0.48 0.00	16.83 -0.44 0.00	13.73 -0.36 0.00	15.50 -0.41 0.00	17.42 -0.44 0.00	17.95 -0.44 0.00	19.38 -0.47 0.00	20.66 -0.49 0.00	24.15 -0.57 0.00	24.91 -0.58 0.00	24.42 -0.59 0.00	28.40 -0.73 0.00	29.92 -0.80 0.00	30.45 -0.77 0.00	29.15 -0.73 0.00	29.21 -0.72 0.00	29.25 -0.70 0.00	24.64 -0.60 0.00	24.75 -0.60 0.00	26.38 -0.56 0.00
SITHE_IND_GS3 24171	15.34 -0.41 0.00	17.03 -0.45 0.00	9.07 -0.24 0.00	14.68 -0.39 0.00	18.41 -0.48 0.00	16.83 -0.44 0.00	13.73 -0.36 0.00	15.50 -0.41 0.00	17.42 -0.44 0.00	17.95 -0.44 0.00	19.38 -0.47 0.00	20.66 -0.49 0.00	24.15 -0.57 0.00	24.91 -0.58 0.00	24.42 -0.59 0.00	28.40 -0.73 0.00	29.92 -0.80 0.00	30.45 -0.77 0.00	29.15 -0.73 0.00	29.21 -0.72 0.00	29.25 -0.70 0.00	24.64 -0.60 0.00	24.75 -0.60 0.00	26.38 -0.56 0.00
SITHE_IND_GS4 24172	15.34 -0.41 0.00	17.03 -0.45 0.00	9.07 -0.24 0.00	14.68 -0.39 0.00	18.41 -0.48 0.00	16.83 -0.44 0.00	13.73 -0.36 0.00	15.50 -0.41 0.00	17.42 -0.44 0.00	17.95 -0.44 0.00	19.38 -0.47 0.00	20.66 -0.49 0.00	24.15 -0.57 0.00	24.91 -0.58 0.00	24.42 -0.59 0.00	28.40 -0.73 0.00	29.92 -0.80 0.00	30.45 -0.77 0.00	29.15 -0.73 0.00	29.21 -0.72 0.00	29.25 -0.70 0.00	24.64 -0.60 0.00	24.75 -0.60 0.00	26.38 -0.56 0.00
SITHE___BATAVIA 24024	15.50 -0.24 0.00	17.22 -0.25 0.00	9.17 -0.14 0.00	14.85 -0.22 0.00	18.67 -0.22 0.00	17.08 -0.19 0.00	13.97 -0.12 0.00	15.65 -0.26 0.00	17.73 -0.13 0.00	18.28 -0.11 0.00	19.71 -0.14 0.00	21.01 -0.14 0.00	24.69 -0.03 0.00	25.41 -0.07 0.00	25.00 0.00 0.00	29.04 -0.09 0.00	30.55 -0.17 0.00	30.98 -0.23 0.00	29.59 -0.29 0.00	29.76 -0.17 0.00	29.83 -0.12 0.00	25.32 0.08 0.00	25.39 0.04 0.00	27.24 0.30 0.00
SITHE___INDEPEND 23800	15.34 -0.41 0.00	17.03 -0.45 0.00	9.07 -0.24 0.00	14.69 -0.39 0.00	18.41 -0.48 0.00	16.83 -0.44 0.00	13.73 -0.36 0.00	15.50 -0.41 0.00	17.42 -0.44 0.00	17.95 -0.44 0.00	19.38 -0.47 0.00	20.65 -0.49 0.00	24.15 -0.57 0.00	24.91 -0.58 0.00	24.42 -0.59 0.00	28.40 -0.73 0.00	29.92 -0.79 0.00	30.44 -0.77 0.00	29.15 -0.73 0.00	29.22 -0.72 0.00	29.25 -0.71 0.00	24.64 -0.60 0.00	24.75 -0.61 0.00	26.38 -0.56 0.00

SITHE___MASSENA 23902	15.66 -0.09 0.00	17.36 -0.11 0.00	9.24 -0.07 0.00	14.97 -0.10 0.00	18.79 -0.10 0.00	17.23 -0.04 0.00	14.06 -0.02 0.00	15.88 -0.03 0.00	17.80 -0.05 0.00	18.34 -0.06 0.00	19.77 -0.08 0.00	21.05 -0.10 0.00	24.62 -0.09 0.00	25.39 -0.10 0.00	24.91 -0.10 0.00	29.02 -0.11 0.00	30.58 -0.14 0.00	30.95 -0.27 0.00	29.55 -0.32 0.00	29.58 -0.34 0.00	29.60 -0.35 0.00	25.07 -0.17 0.00	25.28 -0.07 0.00	26.86 -0.08 0.00
SITHE___OGDNSBRG 24021	15.78 0.03 0.00	17.47 0.00 0.00	9.29 -0.02 0.00	15.06 -0.01 0.00	18.91 0.02 0.00	17.36 0.09 0.00	14.18 0.10 0.00	15.98 0.08 0.00	17.94 0.08 0.00	18.47 0.07 0.00	19.87 0.03 0.00	21.12 -0.03 0.00	24.71 0.00 0.00	25.49 0.00 0.00	24.99 -0.02 0.00	29.08 -0.05 0.00	30.69 -0.03 0.00	31.06 -0.16 0.00	29.71 -0.17 0.00	29.75 -0.18 0.00	29.80 -0.15 0.00	25.27 0.03 0.00	25.54 0.18 0.00	27.09 0.15 0.00
SITHE___STERLING 23777	15.99 0.24 0.00	17.71 0.23 0.00	9.42 0.11 0.00	15.26 0.19 0.00	19.11 0.22 0.00	17.49 0.22 0.00	14.27 0.19 0.00	16.13 0.22 0.00	18.15 0.29 0.00	18.72 0.33 0.00	20.24 0.39 0.00	21.58 0.44 0.00	25.21 0.49 0.00	26.01 0.53 0.00	25.55 0.55 0.00	29.79 0.66 0.00	31.47 0.75 0.00	32.03 0.82 0.00	30.70 0.82 0.00	30.80 0.86 0.00	30.83 0.88 0.00	25.92 0.69 0.00	25.99 0.64 0.00	27.61 0.67 0.00
SLEIGHT__34_KV_TB1 80719	15.38 -0.36 0.00	17.06 -0.41 0.00	9.10 -0.21 0.00	14.73 -0.35 0.00	18.49 -0.40 0.00	16.91 -0.36 0.00	13.80 -0.28 0.00	15.55 -0.35 0.00	17.56 -0.30 0.00	18.12 -0.28 0.00	19.56 -0.29 0.00	20.85 -0.30 0.00	24.42 -0.29 0.00	25.21 -0.28 0.00	24.71 -0.30 0.00	28.73 -0.40 0.00	30.22 -0.50 0.00	30.77 -0.45 0.00	29.46 -0.42 0.00	29.53 -0.40 0.00	29.58 -0.37 0.00	24.98 -0.26 0.00	25.04 -0.32 0.00	26.73 -0.21 0.00
SOUTH CAIRO___GT 23612	16.71 0.97 0.00	18.54 1.06 0.00	9.89 0.58 0.00	15.98 0.91 0.00	19.98 1.09 0.00	18.27 1.00 0.00	14.90 0.82 0.00	16.84 0.93 0.00	18.88 1.03 0.00	19.46 1.06 0.00	20.77 0.93 0.00	22.16 1.01 0.00	25.89 1.18 0.00	26.66 1.17 0.00	26.12 1.11 0.00	30.46 1.34 0.00	32.20 1.49 0.00	32.84 1.62 0.00	31.54 1.67 0.00	31.64 1.71 0.00	31.63 1.68 0.00	26.51 1.27 0.00	26.50 1.15 0.00	28.17 1.23 0.00
SOUTH HAMPTN___IC 23720	17.35 1.61 0.00	19.16 1.69 0.00	10.21 0.90 0.00	16.48 1.41 0.00	20.61 1.72 0.00	18.78 1.51 0.00	15.45 1.37 0.00	17.50 1.59 0.00	19.63 1.77 0.00	21.82 1.93 -1.49	22.29 1.89 -0.56	22.84 1.88 0.19	27.89 2.12 -1.05	28.61 2.19 -0.93	27.70 2.21 -0.48	32.10 2.66 -0.31	33.56 2.78 -0.07	34.13 2.92 0.00	32.38 2.51 0.00	32.08 2.15 0.00	32.05 2.10 0.00	26.96 1.72 0.00	27.27 1.92 0.00	28.71 1.77 0.00
SOUTHDOW__115KV_TB1 355954	15.55 -0.20 0.00	17.25 -0.23 0.00	9.18 -0.13 0.00	14.91 -0.16 0.00	18.72 -0.17 0.00	17.15 -0.12 0.00	14.00 -0.09 0.00	15.77 -0.13 0.00	17.83 -0.03 0.00	18.39 0.00 0.00	19.84 -0.01 0.00	21.31 0.17 0.00	25.12 0.41 0.00	26.08 0.59 0.00	25.70 0.69 0.00	30.03 0.90 0.00	31.53 0.82 0.00	32.17 0.95 0.00	30.74 0.86 0.00	30.90 0.97 0.00	30.82 0.86 0.00	26.20 0.96 0.00	26.38 1.03 0.00	28.31 1.37 0.00
SOUTHOLD_69_KV_BK 2 55809	17.45 1.71 0.00	19.26 1.78 0.00	10.26 0.96 0.00	16.58 1.51 0.00	20.75 1.86 0.00	18.89 1.62 0.00	15.54 1.45 0.00	17.59 1.68 0.00	19.74 1.88 0.00	21.94 2.05 -1.49	22.42 2.02 -0.56	22.95 2.00 0.19	28.05 2.28 -1.06	28.77 2.35 -0.93	27.83 2.35 -0.48	32.30 2.86 -0.31	33.72 2.95 -0.07	34.26 3.05 0.00	32.54 2.67 0.00	32.17 2.24 0.00	32.15 2.20 0.00	27.04 1.80 0.00	27.33 1.98 0.00	28.77 1.84 0.00
SOUTHOLD___IC 23719	17.45 1.71 0.00	19.26 1.78 0.00	10.26 0.96 0.00	16.58 1.51 0.00	20.75 1.86 0.00	18.89 1.62 0.00	15.54 1.45 0.00	17.60 1.70 0.00	19.74 1.88 0.00	21.94 2.05 -1.49	22.43 2.03 -0.56	22.96 2.00 0.19	28.06 2.30 -1.06	28.77 2.35 -0.93	27.83 2.35 -0.48	32.30 2.86 -0.31	33.77 2.99 -0.07	34.27 3.06 0.00	32.54 2.67 0.00	32.17 2.24 0.00	32.15 2.20 0.00	27.04 1.80 0.00	27.33 1.98 0.00	28.77 1.84 0.00
SOUTH_FORK_WT_PWR 323839	17.45 1.71 0.00	19.25 1.78 0.00	10.26 0.95 0.00	16.58 1.51 0.00	20.76 1.88 0.00	18.90 1.63 0.00	15.53 1.45 0.00	17.60 1.70 0.00	19.72 1.86 0.00	21.91 2.01 -1.49	22.37 1.97 -0.56	22.89 1.94 0.19	28.04 2.27 -1.06	28.75 2.33 -0.93	27.78 2.30 -0.48	32.27 2.82 -0.31	33.74 2.96 -0.07	34.17 2.96 0.00	32.41 2.53 0.00	31.96 2.03 0.00	31.91 1.96 0.00	26.83 1.59 0.00	27.12 1.77 0.00	28.57 1.63 0.00
SPIERFLS_115KV_TB 1 80737	16.36 0.61 0.00	18.13 0.65 0.00	9.63 0.32 0.00	15.58 0.51 0.00	19.52 0.63 0.00	17.86 0.59 0.00	14.55 0.47 0.00	16.47 0.57 0.00	18.49 0.63 0.00	19.10 0.71 0.00	20.66 0.81 0.00	21.99 0.84 0.00	25.65 0.94 0.00	26.41 0.93 0.00	25.94 0.93 0.00	30.29 1.16 0.00	32.05 1.34 0.00	32.66 1.44 0.00	31.30 1.43 0.00	31.29 1.36 0.00	31.24 1.29 0.00	26.20 0.96 0.00	26.12 0.77 0.00	27.55 0.60 0.00
ST LAWRENCE___ 23600	15.57 -0.18 0.00	17.26 -0.21 0.00	9.19 -0.12 0.00	14.88 -0.19 0.00	18.68 -0.21 0.00	17.12 -0.15 0.00	13.97 -0.11 0.00	15.77 -0.13 0.00	17.69 -0.16 0.00	18.22 -0.18 0.00	19.65 -0.20 0.00	20.94 -0.21 0.00	24.49 -0.22 0.00	25.25 -0.23 0.00	24.79 -0.21 0.00	28.89 -0.24 0.00	30.44 -0.27 0.00	30.81 -0.41 0.00	29.42 -0.45 0.00	29.45 -0.48 0.00	29.46 -0.49 0.00	24.93 -0.31 0.00	25.09 -0.26 0.00	26.67 -0.27 0.00
STATE_CA_115KV_115_LB 55624	16.31 0.56 0.00	18.09 0.61 0.00	9.66 0.35 0.00	15.61 0.54 0.00	19.52 0.64 0.00	17.83 0.57 0.00	14.54 0.46 0.00	16.41 0.50 0.00	18.30 0.44 0.00	18.83 0.43 0.00	20.12 0.27 0.00	21.43 0.29 0.00	25.02 0.30 0.00	25.78 0.30 0.00	25.30 0.29 0.00	29.48 0.36 0.00	31.13 0.41 0.00	31.73 0.51 0.00	30.40 0.52 0.00	30.42 0.49 0.00	30.43 0.48 0.00	25.57 0.34 0.00	25.67 0.32 0.00	27.38 0.43 0.00
STATE_ST_34_KV_LOAD 55959	15.73 -0.02 0.00	17.43 -0.04 0.00	9.32 0.01 0.00	15.05 -0.03 0.00	18.91 0.02 0.00	17.31 0.04 0.00	14.08 0.00 0.00	15.90 -0.01 0.00	17.92 0.07 0.00	18.49 0.09 0.00	19.96 0.11 0.00	21.20 0.05 0.00	24.86 0.15 0.00	25.69 0.20 0.00	25.10 0.10 0.00	29.21 0.08 0.00	30.74 0.03 0.00	31.47 0.26 0.00	30.19 0.31 0.00	30.18 0.25 0.00	30.28 0.33 0.00	25.52 0.28 0.00	25.61 0.26 0.00	27.27 0.33 0.00
STATION 5_MISC_HYD 23604	15.42 -0.33 0.00	17.12 -0.35 0.00	9.12 -0.19 0.00	14.78 -0.30 0.00	18.54 -0.35 0.00	16.95 -0.32 0.00	13.85 -0.24 0.00	15.56 -0.34 0.00	17.58 -0.28 0.00	18.14 -0.25 0.00	19.56 -0.28 0.00	20.89 -0.26 0.00	24.48 -0.24 0.00	25.26 -0.23 0.00	24.78 -0.23 0.00	28.82 -0.30 0.00	30.28 -0.43 0.00	30.73 -0.49 0.00	29.35 -0.52 0.00	29.49 -0.44 0.00	29.54 -0.41 0.00	25.00 -0.24 0.00	25.09 -0.27 0.00	26.85 -0.09 0.00

STA_168_34_KV_BK1_2_REV_LBMP_B 345032	15.53 -0.21 0.00	17.24 -0.23 0.00	9.18 -0.12 0.00	14.88 -0.19 0.00	18.67 -0.22 0.00	17.08 -0.19 0.00	13.95 -0.13 0.00	15.73 -0.18 0.00	17.75 -0.10 0.00	18.30 -0.10 0.00	19.74 -0.11 0.00	21.08 -0.07 0.00	24.67 -0.04 0.00	25.46 -0.03 0.00	24.98 -0.02 0.00	29.02 -0.10 0.00	30.56 -0.15 0.00	31.12 -0.10 0.00	29.78 -0.09 0.00	29.90 -0.04 0.00	29.92 -0.03 0.00	25.27 0.04 0.00	25.34 -0.01 0.00	27.05 0.10 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	15.30 -0.45 0.00	16.99 -0.49 0.00	9.05 -0.26 0.00	14.66 -0.41 0.00	18.39 -0.50 0.00	16.82 -0.45 0.00	13.74 -0.35 0.00	15.46 -0.45 0.00	17.45 -0.40 0.00	18.01 -0.39 0.00	19.43 -0.41 0.00	20.75 -0.40 0.00	24.30 -0.41 0.00	25.08 -0.41 0.00	24.60 -0.40 0.00	28.62 -0.51 0.00	30.09 -0.63 0.00	30.54 -0.68 0.00	29.19 -0.69 0.00	29.30 -0.63 0.00	29.34 -0.61 0.00	24.81 -0.43 0.00	24.88 -0.47 0.00	26.61 -0.34 0.00
STA_56____34_KV_BUS2 355983	15.30 -0.45 0.00	16.99 -0.49 0.00	9.05 -0.26 0.00	14.66 -0.41 0.00	18.39 -0.50 0.00	16.82 -0.45 0.00	13.74 -0.35 0.00	15.46 -0.45 0.00	17.45 -0.40 0.00	18.01 -0.39 0.00	19.43 -0.41 0.00	20.75 -0.40 0.00	24.30 -0.41 0.00	25.08 -0.41 0.00	24.60 -0.40 0.00	28.62 -0.51 0.00	30.09 -0.63 0.00	30.54 -0.68 0.00	29.19 -0.69 0.00	29.30 -0.63 0.00	29.34 -0.61 0.00	24.81 -0.43 0.00	24.88 -0.47 0.00	26.61 -0.34 0.00
STA_67____115KV_BK2 355882	15.40 -0.35 0.00	17.09 -0.38 0.00	9.11 -0.20 0.00	14.76 -0.32 0.00	18.52 -0.37 0.00	16.93 -0.34 0.00	13.83 -0.26 0.00	15.55 -0.36 0.00	17.55 -0.30 0.00	18.11 -0.29 0.00	19.53 -0.32 0.00	20.85 -0.30 0.00	24.43 -0.28 0.00	25.21 -0.28 0.00	24.74 -0.27 0.00	28.77 -0.36 0.00	30.24 -0.48 0.00	30.67 -0.55 0.00	29.29 -0.58 0.00	29.42 -0.51 0.00	29.48 -0.48 0.00	24.95 -0.29 0.00	25.03 -0.32 0.00	26.80 -0.14 0.00
STA_7____115KV_9TRANS 80674	15.47 -0.27 0.00	17.18 -0.30 0.00	9.15 -0.16 0.00	14.82 -0.25 0.00	18.59 -0.30 0.00	17.00 -0.27 0.00	13.89 -0.20 0.00	15.62 -0.29 0.00	17.63 -0.22 0.00	18.20 -0.19 0.00	19.63 -0.21 0.00	20.96 -0.19 0.00	24.58 -0.14 0.00	25.36 -0.13 0.00	24.87 -0.13 0.00	28.94 -0.19 0.00	30.43 -0.29 0.00	30.86 -0.35 0.00	29.49 -0.38 0.00	29.63 -0.30 0.00	29.68 -0.28 0.00	25.11 -0.12 0.00	25.19 -0.17 0.00	26.95 0.01 0.00
STA_82____115KV_TB1 80780	15.40 -0.34 0.00	17.11 -0.37 0.00	9.11 -0.20 0.00	14.77 -0.31 0.00	18.53 -0.36 0.00	16.94 -0.33 0.00	13.84 -0.25 0.00	15.56 -0.35 0.00	17.56 -0.29 0.00	18.12 -0.27 0.00	19.54 -0.31 0.00	20.86 -0.29 0.00	24.45 -0.26 0.00	25.23 -0.26 0.00	24.75 -0.26 0.00	28.79 -0.34 0.00	30.26 -0.46 0.00	30.68 -0.54 0.00	29.32 -0.56 0.00	29.45 -0.48 0.00	29.50 -0.46 0.00	24.96 -0.27 0.00	25.04 -0.31 0.00	26.82 -0.12 0.00
STEEL____WIND 323596	15.33 -0.41 0.00	17.05 -0.43 0.00	9.08 -0.23 0.00	14.73 -0.35 0.00	18.50 -0.39 0.00	16.92 -0.35 0.00	13.82 -0.27 0.00	15.49 -0.41 0.00	17.49 -0.37 0.00	18.03 -0.36 0.00	19.48 -0.37 0.00	20.86 -0.29 0.00	24.47 -0.24 0.00	25.31 -0.17 0.00	24.89 -0.12 0.00	29.00 -0.13 0.00	30.41 -0.31 0.00	30.81 -0.41 0.00	29.36 -0.52 0.00	29.53 -0.40 0.00	29.54 -0.42 0.00	25.15 -0.08 0.00	25.28 -0.07 0.00	27.19 0.25 0.00
STEPHTWN_115KV_BK_2 55603	16.35 0.60 0.00	18.13 0.66 0.00	9.68 0.37 0.00	15.67 0.60 0.00	19.60 0.71 0.00	17.89 0.62 0.00	14.59 0.51 0.00	16.49 0.59 0.00	18.41 0.56 0.00	18.98 0.58 0.00	20.32 0.48 0.00	21.65 0.50 0.00	25.34 0.63 0.00	26.05 0.57 0.00	25.55 0.54 0.00	29.83 0.70 0.00	31.44 0.72 0.00	32.06 0.84 0.00	30.72 0.84 0.00	30.77 0.84 0.00	30.75 0.80 0.00	25.85 0.62 0.00	25.94 0.58 0.00	27.56 0.62 0.00
STEUBEN_REC_LFGE 323667	14.84 -0.91 0.00	16.49 -0.99 0.00	8.77 -0.54 0.00	14.27 -0.81 0.00	17.96 -0.93 0.00	16.47 -0.80 0.00	13.47 -0.62 0.00	15.18 -0.73 0.00	17.13 -0.73 0.00	17.59 -0.80 0.00	19.05 -0.80 0.00	20.42 -0.73 0.00	24.09 -0.63 0.00	25.08 -0.41 0.00	24.84 -0.17 0.00	29.09 -0.04 0.00	30.75 0.04 0.00	31.53 0.32 0.00	30.26 0.38 0.00	30.48 0.55 0.00	30.44 0.49 0.00	25.72 0.48 0.00	25.83 0.48 0.00	27.57 0.63 0.00
STILLWATER____SOLAR 323814	16.43 0.68 0.00	18.23 0.76 0.00	9.70 0.40 0.00	15.72 0.64 0.00	19.67 0.78 0.00	17.97 0.70 0.00	14.63 0.55 0.00	16.55 0.64 0.00	18.56 0.71 0.00	19.15 0.76 0.00	20.67 0.82 0.00	22.00 0.85 0.00	25.68 0.96 0.00	26.44 0.96 0.00	25.96 0.96 0.00	30.29 1.16 0.00	32.01 1.29 0.00	32.62 1.40 0.00	31.24 1.37 0.00	31.26 1.33 0.00	31.26 1.31 0.00	26.25 1.01 0.00	26.24 0.89 0.00	27.75 0.81 0.00
STONY____BROOK 24151	17.04 1.29 0.00	18.84 1.36 0.00	10.04 0.73 0.00	16.20 1.13 0.00	20.22 1.33 0.00	18.43 1.16 0.00	15.18 1.10 0.00	17.15 1.25 0.00	19.25 1.40 0.00	21.46 1.57 -1.50	22.14 1.71 -0.58	22.65 1.68 0.17	27.67 1.85 -1.11	28.39 1.92 -0.98	27.46 1.96 -0.50	31.78 2.31 -0.33	33.17 2.38 -0.07	33.78 2.57 0.00	32.07 2.19 0.00	31.87 1.94 0.00	31.88 1.93 0.00	26.86 1.62 0.00	27.21 1.85 0.00	28.64 1.70 0.00
STURGEON_POOL_HYD 23609	16.66 0.91 0.00	18.46 0.98 0.00	9.83 0.52 0.00	15.90 0.83 0.00	19.95 1.06 0.00	18.21 0.94 0.00	14.86 0.78 0.00	16.83 0.92 0.00	18.93 1.08 0.00	19.53 1.13 0.00	21.17 1.32 0.00	22.53 1.38 0.00	26.28 1.57 0.00	27.09 1.61 0.00	26.58 1.57 0.00	30.98 1.85 0.00	32.69 1.98 0.00	33.41 2.20 0.00	32.02 2.15 0.00	32.05 2.12 0.00	32.08 2.13 0.00	26.94 1.70 0.00	26.97 1.62 0.00	28.47 1.53 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	16.53 0.79 0.00	18.32 0.85 0.00	9.76 0.46 0.00	15.80 0.72 0.00	19.80 0.91 0.00	18.07 0.81 0.00	14.75 0.66 0.00	16.68 0.77 0.00	18.73 0.88 0.00	19.29 0.90 0.00	20.86 1.01 0.00	22.20 1.06 0.00	25.90 1.19 0.00	26.70 1.21 0.00	26.19 1.18 0.00	30.52 1.39 0.00	32.22 1.50 0.00	32.91 1.69 0.00	31.54 1.67 0.00	31.57 1.64 0.00	31.61 1.66 0.00	26.57 1.33 0.00	26.62 1.27 0.00	28.16 1.22 0.00
SWANROAD_115KV_TB1 355699	14.90 -0.85 0.00	16.56 -0.91 0.00	8.83 -0.48 0.00	14.31 -0.76 0.00	17.98 -0.90 0.00	16.44 -0.83 0.00	13.45 -0.63 0.00	15.02 -0.88 0.00	16.97 -0.88 0.00	17.54 -0.86 0.00	18.93 -0.91 0.00	20.25 -0.89 0.00	23.73 -0.99 0.00	24.51 -0.98 0.00	24.07 -0.93 0.00	28.00 -1.13 0.00	29.31 -1.41 0.00	29.55 -1.66 0.00	28.13 -1.75 0.00	28.28 -1.65 0.00	28.32 -1.64 0.00	24.15 -1.09 0.00	24.28 -1.07 0.00	26.19 -0.76 0.00
SYNERGY____BIOGAS 323694	15.50 -0.24 0.00	17.22 -0.25 0.00	9.17 -0.14 0.00	14.85 -0.22 0.00	18.67 -0.22 0.00	17.08 -0.19 0.00	13.97 -0.12 0.00	15.65 -0.26 0.00	17.73 -0.13 0.00	18.28 -0.11 0.00	19.71 -0.14 0.00	21.01 -0.14 0.00	24.69 -0.03 0.00	25.41 -0.07 0.00	25.00 0.00 0.00	29.04 -0.09 0.00	30.55 -0.17 0.00	30.98 -0.23 0.00	29.59 -0.29 0.00	29.76 -0.17 0.00	29.83 -0.12 0.00	25.32 0.08 0.00	25.39 0.04 0.00	27.24 0.30 0.00

SYRACUSE___ENERGY_ST1 323597	15.67 -0.08 0.00	17.38 -0.09 0.00	9.26 -0.04 0.00	15.00 -0.08 0.00	18.80 -0.09 0.00	17.19 -0.08 0.00	14.02 -0.06 0.00	15.84 -0.07 0.00	17.81 -0.04 0.00	18.36 -0.03 0.00	19.83 -0.02 0.00	21.14 -0.01 0.00	24.72 0.01 0.00	25.51 0.03 0.00	25.01 0.01 0.00	29.10 -0.03 0.00	30.67 -0.05 0.00	31.25 0.03 0.00	29.94 0.07 0.00	30.02 0.08 0.00	30.04 0.08 0.00	25.29 0.06 0.00	25.38 0.02 0.00	27.03 0.09 0.00
SYRACUSE___ENERGY_ST2 323598	15.67 -0.08 0.00	17.38 -0.09 0.00	9.26 -0.04 0.00	15.00 -0.08 0.00	18.80 -0.09 0.00	17.19 -0.08 0.00	14.02 -0.06 0.00	15.84 -0.07 0.00	17.81 -0.04 0.00	18.36 -0.03 0.00	19.83 -0.02 0.00	21.14 -0.01 0.00	24.72 0.01 0.00	25.51 0.03 0.00	25.01 0.01 0.00	29.10 -0.03 0.00	30.67 -0.05 0.00	31.25 0.03 0.00	29.94 0.07 0.00	30.02 0.08 0.00	30.04 0.08 0.00	25.29 0.06 0.00	25.38 0.02 0.00	27.03 0.09 0.00
SYRACUSE___POWER 24017	15.69 -0.06 0.00	17.40 -0.07 0.00	9.27 -0.04 0.00	15.01 -0.06 0.00	18.80 -0.08 0.00	17.20 -0.07 0.00	14.03 -0.05 0.00	15.85 -0.05 0.00	17.83 -0.03 0.00	18.37 -0.03 0.00	19.84 0.00 0.00	21.16 0.01 0.00	24.73 0.02 0.00	25.52 0.04 0.00	25.04 0.04 0.00	29.15 0.02 0.00	30.73 0.02 0.00	31.28 0.06 0.00	29.97 0.09 0.00	30.06 0.13 0.00	30.08 0.13 0.00	25.33 0.09 0.00	25.40 0.05 0.00	27.05 0.11 0.00
TALLMAN___138KV_BK151 55660	16.60 0.85 0.00	18.39 0.92 0.00	9.79 0.48 0.00	15.85 0.78 0.00	19.88 0.99 0.00	18.14 0.87 0.00	14.81 0.72 0.00	16.74 0.83 0.00	18.80 0.95 0.00	19.35 0.96 0.00	20.93 1.08 0.00	22.27 1.12 0.00	25.99 1.27 0.00	26.79 1.31 0.00	26.27 1.26 0.00	30.62 1.49 0.00	32.32 1.60 0.00	33.01 1.80 0.00	31.65 1.78 0.00	31.67 1.75 0.00	31.73 1.78 0.00	26.67 1.43 0.00	26.72 1.37 0.00	28.27 1.33 0.00
TEALLAVE_115KV_TB7 355573	15.60 -0.14 0.00	17.31 -0.17 0.00	9.22 -0.09 0.00	14.93 -0.14 0.00	18.71 -0.18 0.00	17.11 -0.16 0.00	13.96 -0.13 0.00	15.76 -0.14 0.00	17.73 -0.13 0.00	18.27 -0.12 0.00	19.73 -0.12 0.00	21.04 -0.10 0.00	24.60 -0.12 0.00	25.38 -0.10 0.00	24.90 -0.11 0.00	28.97 -0.16 0.00	30.53 -0.19 0.00	31.08 -0.14 0.00	29.76 -0.11 0.00	29.85 -0.08 0.00	29.87 -0.09 0.00	25.16 -0.08 0.00	25.24 -0.11 0.00	26.89 -0.05 0.00
TELGRAPH_34_KV_EAST 80808	15.24 -0.50 0.00	16.94 -0.53 0.00	9.03 -0.28 0.00	14.63 -0.44 0.00	18.38 -0.51 0.00	16.80 -0.47 0.00	13.74 -0.34 0.00	15.38 -0.52 0.00	17.40 -0.46 0.00	17.96 -0.44 0.00	19.38 -0.47 0.00	20.71 -0.44 0.00	24.31 -0.40 0.00	25.09 -0.40 0.00	24.63 -0.37 0.00	28.65 -0.48 0.00	30.05 -0.67 0.00	30.39 -0.83 0.00	28.96 -0.91 0.00	29.12 -0.81 0.00	29.17 -0.79 0.00	24.81 -0.43 0.00	24.92 -0.44 0.00	26.81 -0.13 0.00
TEMPLE___115KV_TB 2 55572	15.61 -0.14 0.00	17.32 -0.15 0.00	9.22 -0.09 0.00	14.94 -0.13 0.00	18.72 -0.17 0.00	17.12 -0.15 0.00	13.97 -0.12 0.00	15.77 -0.13 0.00	17.74 -0.12 0.00	18.28 -0.11 0.00	19.74 -0.10 0.00	21.05 -0.09 0.00	24.61 -0.10 0.00	25.40 -0.09 0.00	24.91 -0.10 0.00	28.99 -0.14 0.00	30.55 -0.17 0.00	31.10 -0.12 0.00	29.79 -0.09 0.00	29.87 -0.06 0.00	29.88 -0.08 0.00	25.17 -0.07 0.00	25.26 -0.10 0.00	26.91 -0.03 0.00
TIANA___69_KV_BK 1 55817	17.31 1.56 0.00	19.11 1.64 0.00	10.18 0.88 0.00	16.44 1.37 0.00	20.55 1.66 0.00	18.72 1.45 0.00	15.41 1.33 0.00	17.43 1.53 0.00	19.57 1.72 0.00	21.77 1.88 -1.49	22.25 1.85 -0.56	22.79 1.84 0.19	27.81 2.04 -1.06	28.53 2.12 -0.93	27.64 2.16 -0.48	32.03 2.58 -0.31	33.42 2.64 -0.07	34.06 2.84 0.00	32.34 2.46 0.00	32.06 2.13 0.00	32.04 2.09 0.00	26.96 1.73 0.00	27.28 1.93 0.00	28.72 1.78 0.00
TILDEN___115KV_TB1 80814	15.69 -0.06 0.00	17.40 -0.07 0.00	9.27 -0.04 0.00	15.01 -0.06 0.00	18.80 -0.08 0.00	17.20 -0.07 0.00	14.03 -0.05 0.00	15.85 -0.05 0.00	17.83 -0.03 0.00	18.37 -0.03 0.00	19.84 0.00 0.00	21.16 0.01 0.00	24.73 0.02 0.00	25.52 0.04 0.00	25.04 0.04 0.00	29.15 0.02 0.00	30.73 0.02 0.00	31.28 0.06 0.00	29.97 0.09 0.00	30.06 0.13 0.00	30.08 0.13 0.00	25.33 0.09 0.00	25.40 0.05 0.00	27.05 0.11 0.00
TRIGEN___CC 323695	16.81 1.06 0.00	18.59 1.12 0.00	9.89 0.58 0.00	15.97 0.89 0.00	19.97 1.08 0.00	18.22 0.95 0.00	14.95 0.86 0.00	16.89 0.99 0.00	18.99 1.14 0.00	21.10 1.24 -1.47	24.96 1.45 -3.67	24.93 1.46 -2.32	33.23 1.59 -6.93	33.28 1.66 -6.13	29.85 1.68 -3.17	33.21 1.98 -2.11	33.16 1.99 -0.45	33.44 2.21 -0.01	31.85 1.98 0.00	31.78 1.86 0.00	31.81 1.85 0.00	26.74 1.50 0.00	26.97 1.61 -0.01	28.42 1.47 0.00
TRINITY___115KV___4 BK 55933	16.23 0.48 0.00	18.01 0.54 0.00	9.62 0.31 0.00	15.55 0.48 0.00	19.45 0.56 0.00	17.76 0.49 0.00	14.47 0.39 0.00	16.33 0.42 0.00	18.22 0.36 0.00	18.74 0.35 0.00	20.05 0.20 0.00	21.34 0.19 0.00	24.90 0.19 0.00	25.66 0.17 0.00	25.18 0.17 0.00	29.34 0.21 0.00	30.99 0.27 0.00	31.57 0.36 0.00	30.24 0.37 0.00	30.28 0.35 0.00	30.30 0.34 0.00	25.46 0.23 0.00	25.56 0.21 0.00	27.24 0.30 0.00
UNION___PROCESSING_DRP 323587	15.41 -0.34 0.00	17.11 -0.37 0.00	9.11 -0.20 0.00	14.77 -0.31 0.00	18.53 -0.36 0.00	16.94 -0.32 0.00	13.84 -0.25 0.00	15.56 -0.34 0.00	17.57 -0.29 0.00	18.12 -0.27 0.00	19.54 -0.30 0.00	20.86 -0.28 0.00	24.45 -0.26 0.00	25.23 -0.26 0.00	24.76 -0.25 0.00	28.80 -0.33 0.00	30.27 -0.45 0.00	30.70 -0.52 0.00	29.32 -0.55 0.00	29.45 -0.48 0.00	29.51 -0.45 0.00	24.97 -0.26 0.00	25.06 -0.29 0.00	26.82 -0.12 0.00
UPPER HUDSON___HYD 24058	16.36 0.62 0.00	18.13 0.65 0.00	9.63 0.32 0.00	15.59 0.51 0.00	19.52 0.63 0.00	17.87 0.60 0.00	14.55 0.47 0.00	16.47 0.57 0.00	18.49 0.63 0.00	19.10 0.71 0.00	20.66 0.81 0.00	21.99 0.84 0.00	25.65 0.94 0.00	26.41 0.92 0.00	25.94 0.93 0.00	30.29 1.16 0.00	32.06 1.34 0.00	32.66 1.44 0.00	31.30 1.43 0.00	31.29 1.36 0.00	31.24 1.29 0.00	26.20 0.96 0.00	26.12 0.77 0.00	27.55 0.60 0.00
UPPER RAQUET___HYD 24056	15.45 -0.29 0.00	17.11 -0.37 0.00	9.09 -0.21 0.00	14.74 -0.33 0.00	18.51 -0.38 0.00	17.02 -0.25 0.00	13.90 -0.18 0.00	15.69 -0.21 0.00	17.59 -0.26 0.00	18.12 -0.28 0.00	19.46 -0.38 0.00	20.64 -0.51 0.00	24.15 -0.57 0.00	24.91 -0.58 0.00	24.39 -0.62 0.00	28.33 -0.80 0.00	29.89 -0.82 0.00	30.27 -0.95 0.00	28.94 -0.94 0.00	28.97 -0.96 0.00	29.03 -0.92 0.00	24.71 -0.53 0.00	25.12 -0.24 0.00	26.67 -0.27 0.00
VALLEY44_115KV_TB2 355964	15.84 0.09 0.00	17.62 0.14 0.00	9.38 0.08 0.00	15.25 0.18 0.00	19.10 0.21 0.00	17.53 0.26 0.00	14.28 0.19 0.00	16.11 0.20 0.00	18.14 0.29 0.00	18.67 0.27 0.00	19.98 0.13 0.00	21.34 0.19 0.00	24.95 0.24 0.00	25.84 0.35 0.00	25.36 0.35 0.00	29.56 0.44 0.00	31.01 0.29 0.00	31.57 0.35 0.00	30.15 0.27 0.00	30.34 0.41 0.00	30.31 0.36 0.00	25.76 0.52 0.00	26.04 0.68 0.00	28.01 1.07 0.00

VALLEY___115KV_TB 1-4 80826	15.76 0.01 0.00	17.44 -0.04 0.00	9.27 -0.04 0.00	14.97 -0.10 0.00	18.71 -0.17 0.00	17.10 -0.17 0.00	13.95 -0.13 0.00	15.80 -0.10 0.00	17.79 -0.07 0.00	18.32 -0.07 0.00	19.79 -0.05 0.00	21.13 -0.02 0.00	24.78 0.06 0.00	25.54 0.06 0.00	25.07 0.07 0.00	29.24 0.11 0.00	30.91 0.20 0.00	31.58 0.36 0.00	30.21 0.34 0.00	30.31 0.39 0.00	30.36 0.40 0.00	25.49 0.25 0.00	25.51 0.16 0.00	26.98 0.03 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	16.29 0.54 0.00	18.08 0.60 0.00	9.63 0.32 0.00	15.59 0.52 0.00	19.55 0.66 0.00	17.85 0.58 0.00	14.57 0.48 0.00	16.49 0.58 0.00	18.55 0.70 0.00	19.13 0.74 0.00	20.67 0.83 0.00	22.04 0.89 0.00	25.73 1.01 0.00	26.55 1.06 0.00	26.04 1.04 0.00	30.37 1.24 0.00	32.05 1.34 0.00	32.68 1.47 0.00	31.32 1.44 0.00	31.38 1.44 0.00	31.39 1.44 0.00	26.41 1.17 0.00	26.47 1.11 0.00	28.08 1.14 0.00
VISCHER___FERRY HYD 24020	16.33 0.59 0.00	18.15 0.68 0.00	9.67 0.36 0.00	15.65 0.58 0.00	19.58 0.69 0.00	17.86 0.59 0.00	14.54 0.46 0.00	16.43 0.53 0.00	18.41 0.56 0.00	18.97 0.58 0.00	20.45 0.60 0.00	21.76 0.62 0.00	25.40 0.69 0.00	26.17 0.68 0.00	25.68 0.67 0.00	29.92 0.79 0.00	31.62 0.90 0.00	32.20 0.98 0.00	30.84 0.96 0.00	30.86 0.93 0.00	30.89 0.94 0.00	25.95 0.71 0.00	25.99 0.64 0.00	27.51 0.57 0.00
V_A_10_SYNC_DSASP 323832	15.13 -0.62 0.00	16.82 -0.65 0.00	8.96 -0.34 0.00	14.53 -0.54 0.00	18.25 -0.64 0.00	16.68 -0.58 0.00	13.63 -0.45 0.00	15.27 -0.63 0.00	17.26 -0.59 0.00	17.80 -0.59 0.00	19.19 -0.65 0.00	20.51 -0.63 0.00	24.03 -0.68 0.00	24.81 -0.68 0.00	24.36 -0.65 0.00	28.33 -0.80 0.00	29.69 -1.03 0.00	30.03 -1.19 0.00	28.63 -1.25 0.00	28.77 -1.16 0.00	28.82 -1.14 0.00	24.48 -0.75 0.00	24.63 -0.73 0.00	26.48 -0.46 0.00
V_CMM_10_SYNC_DSASP 323787	15.64 -0.11 0.00	17.34 -0.13 0.00	9.23 -0.09 0.00	14.95 -0.12 0.00	18.76 -0.13 0.00	17.19 -0.07 0.00	14.04 -0.05 0.00	15.85 -0.06 0.00	17.77 -0.08 0.00	18.30 -0.09 0.00	19.74 -0.10 0.00	21.03 -0.11 0.00	24.61 -0.11 0.00	25.37 -0.12 0.00	24.91 -0.10 0.00	29.02 -0.10 0.00	30.58 -0.14 0.00	30.95 -0.27 0.00	29.56 -0.32 0.00	29.59 -0.34 0.00	29.60 -0.35 0.00	25.04 -0.20 0.00	25.21 -0.14 0.00	26.79 -0.15 0.00
V_CMP_10_SYNC_DSASP 323788	15.92 0.18 0.00	17.51 0.03 0.00	9.25 -0.06 0.00	14.98 -0.10 0.00	18.83 -0.06 0.00	17.47 0.20 0.00	14.34 0.25 0.00	16.31 0.41 0.00	17.98 0.13 0.00	18.51 0.11 0.00	20.17 0.33 0.00	21.51 0.36 0.00	25.26 0.55 0.00	26.01 0.53 0.00	25.52 0.52 0.00	29.84 0.71 0.00	31.59 0.87 0.00	32.33 1.11 0.00	30.75 0.87 0.00	30.85 0.92 0.00	30.89 0.94 0.00	25.78 0.54 0.00	25.81 0.46 0.00	27.67 0.73 0.00
V_D_10_SYNC_DSASP 323841	15.67 -0.08 0.00	17.37 -0.11 0.00	9.24 -0.07 0.00	14.98 -0.09 0.00	18.80 -0.09 0.00	17.23 -0.04 0.00	14.07 -0.02 0.00	15.88 -0.03 0.00	17.81 -0.04 0.00	18.34 -0.05 0.00	19.77 -0.08 0.00	21.05 -0.09 0.00	24.63 -0.09 0.00	25.39 -0.09 0.00	24.92 -0.09 0.00	29.04 -0.10 0.00	30.60 -0.12 0.00	30.96 -0.26 0.00	29.56 -0.31 0.00	29.59 -0.34 0.00	29.61 -0.34 0.00	25.08 -0.16 0.00	25.28 -0.07 0.00	26.87 -0.07 0.00
V_E_10_SYNC_DSASP 323830	16.16 0.41 0.00	17.90 0.43 0.00	9.49 0.18 0.00	15.31 0.24 0.00	19.20 0.31 0.00	17.64 0.37 0.00	14.40 0.32 0.00	16.32 0.42 0.00	18.44 0.59 0.00	19.03 0.63 0.00	20.55 0.71 0.00	21.92 0.78 0.00	25.64 0.93 0.00	26.58 1.09 0.00	26.11 1.10 0.00	30.56 1.43 0.00	32.56 1.85 0.00	33.44 2.22 0.00	32.02 2.15 0.00	32.32 2.39 0.00	32.31 2.36 0.00	27.21 1.98 0.00	27.14 1.79 0.00	28.84 1.90 0.00
V_F_30_NSYNC___DSASP 323816	16.44 0.70 0.00	18.25 0.77 0.00	9.71 0.40 0.00	15.73 0.65 0.00	19.69 0.80 0.00	17.99 0.72 0.00	14.65 0.57 0.00	16.57 0.66 0.00	18.59 0.73 0.00	19.18 0.79 0.00	20.70 0.85 0.00	22.04 0.89 0.00	25.72 1.01 0.00	26.49 1.00 0.00	26.01 1.00 0.00	30.34 1.21 0.00	32.05 1.34 0.00	32.67 1.46 0.00	31.28 1.40 0.00	31.31 1.38 0.00	31.30 1.35 0.00	26.28 1.05 0.00	26.28 0.93 0.00	27.80 0.85 0.00
V_F_30_SYNC_DSASP 323786	16.30 0.56 0.00	18.09 0.61 0.00	9.66 0.35 0.00	15.61 0.54 0.00	19.52 0.63 0.00	17.83 0.56 0.00	14.54 0.46 0.00	16.41 0.50 0.00	18.30 0.44 0.00	18.83 0.43 0.00	20.12 0.27 0.00	21.43 0.29 0.00	25.02 0.30 0.00	25.78 0.29 0.00	25.30 0.29 0.00	29.48 0.36 0.00	31.13 0.41 0.00	31.73 0.51 0.00	30.39 0.51 0.00	30.42 0.49 0.00	30.43 0.48 0.00	25.57 0.34 0.00	25.67 0.32 0.00	27.37 0.43 0.00
V_XM_10_SYNC_DSASP 323789	15.92 0.18 0.00	17.51 0.03 0.00	9.25 -0.06 0.00	14.98 -0.10 0.00	18.83 -0.06 0.00	17.47 0.20 0.00	14.34 0.25 0.00	16.31 0.41 0.00	17.98 0.13 0.00	18.51 0.11 0.00	20.17 0.33 0.00	21.51 0.36 0.00	25.26 0.55 0.00	26.01 0.53 0.00	25.52 0.52 0.00	29.84 0.71 0.00	31.59 0.87 0.00	32.33 1.11 0.00	30.75 0.87 0.00	30.85 0.92 0.00	30.89 0.94 0.00	25.78 0.54 0.00	25.81 0.46 0.00	27.67 0.73 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	16.65 0.91 0.00	18.45 0.97 0.00	9.82 0.51 0.00	15.90 0.83 0.00	19.95 1.06 0.00	18.20 0.93 0.00	14.85 0.77 0.00	16.79 0.89 0.00	18.86 1.01 0.00	19.42 1.03 0.00	21.01 1.16 0.00	22.35 1.20 0.00	26.08 1.37 0.00	26.89 1.40 0.00	26.36 1.36 0.00	30.74 1.61 0.00	32.45 1.73 0.00	33.14 1.93 0.00	31.77 1.90 0.00	31.79 1.87 0.00	31.85 1.90 0.00	26.76 1.52 0.00	26.82 1.46 0.00	28.37 1.43 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	16.76 1.02 0.00	18.57 1.09 0.00	9.88 0.58 0.00	16.00 0.93 0.00	20.07 1.18 0.00	18.29 1.02 0.00	14.93 0.85 0.00	16.92 1.02 0.00	18.99 1.14 0.00	19.57 1.17 0.00	21.16 1.32 0.00	22.52 1.37 0.00	26.26 1.54 0.00	27.07 1.58 0.00	26.55 1.55 0.00	30.95 1.82 0.00	32.65 1.93 0.00	33.35 2.14 0.00	31.95 2.08 0.00	31.95 2.02 0.00	31.97 2.02 0.00	26.84 1.61 0.00	26.92 1.57 0.00	28.46 1.52 0.00
W50THST__13_KV_LOAD 356117	16.84 1.09 0.00	18.66 1.18 0.00	9.93 0.63 0.00	16.08 1.01 0.00	20.17 1.28 0.00	18.38 1.11 0.00	15.01 0.92 0.00	17.00 1.10 0.00	19.09 1.23 0.00	19.67 1.27 0.00	21.27 1.43 0.00	22.64 1.50 0.00	26.40 1.69 0.00	27.22 1.73 0.00	26.70 1.70 0.00	31.12 1.99 0.00	32.83 2.11 0.00	33.53 2.32 0.00	32.13 2.25 0.00	32.12 2.19 0.00	32.14 2.19 0.00	26.99 1.75 0.00	27.06 1.71 0.00	28.61 1.67 0.00
WADING RIVER_IC_1 23522	17.15 1.41 0.00	18.95 1.47 0.00	10.09 0.78 0.00	16.29 1.22 0.00	20.35 1.46 0.00	18.54 1.28 0.00	15.27 1.19 0.00	17.26 1.36 0.00	19.37 1.52 0.00	21.56 1.67 -1.49	21.99 1.59 -0.55	22.49 1.54 0.20	27.45 1.69 -1.05	28.17 1.76 -0.93	27.29 1.81 -0.48	31.60 2.15 -0.31	33.01 2.22 -0.06	33.62 2.41 0.00	31.94 2.06 0.00	31.72 1.79 0.00	31.72 1.77 0.00	26.71 1.47 0.00	27.04 1.69 0.00	28.47 1.53 0.00

WADING RIVER_IC_2 23547	17.15 1.41 0.00	18.95 1.47 0.00	10.09 0.78 0.00	16.29 1.22 0.00	20.35 1.46 0.00	18.54 1.28 0.00	15.27 1.19 0.00	17.26 1.36 0.00	19.37 1.52 0.00	21.56 1.67 -1.49	21.99 1.59 -0.55	22.49 1.54 0.20	27.45 1.69 -1.05	28.17 1.76 -0.93	27.29 1.81 -0.48	31.60 2.15 -0.31	33.01 2.22 -0.06	33.62 2.41 0.00	31.94 2.06 0.00	31.72 1.79 0.00	31.72 1.77 0.00	26.71 1.47 0.00	27.04 1.69 0.00	28.47 1.53 0.00
WADING RIVER_IC_3 23601	17.15 1.41 0.00	18.95 1.47 0.00	10.09 0.78 0.00	16.29 1.22 0.00	20.35 1.46 0.00	18.54 1.28 0.00	15.27 1.19 0.00	17.26 1.36 0.00	19.37 1.52 0.00	21.56 1.67 -1.49	21.99 1.59 -0.55	22.49 1.54 0.20	27.45 1.69 -1.05	28.17 1.76 -0.93	27.29 1.81 -0.48	31.60 2.15 -0.31	33.01 2.22 -0.06	33.62 2.41 0.00	31.94 2.06 0.00	31.72 1.79 0.00	31.72 1.77 0.00	26.71 1.47 0.00	27.04 1.69 0.00	28.47 1.53 0.00
WALDENNY_12_KV_BK2 80841	15.32 -0.42 0.00	17.03 -0.45 0.00	9.07 -0.24 0.00	14.72 -0.35 0.00	18.48 -0.41 0.00	16.91 -0.36 0.00	13.82 -0.27 0.00	15.49 -0.42 0.00	17.49 -0.37 0.00	18.05 -0.34 0.00	19.50 -0.35 0.00	20.87 -0.28 0.00	24.48 -0.24 0.00	25.32 -0.17 0.00	24.89 -0.11 0.00	29.00 -0.13 0.00	30.42 -0.30 0.00	30.78 -0.44 0.00	29.33 -0.54 0.00	29.50 -0.43 0.00	29.50 -0.45 0.00	25.12 -0.12 0.00	25.25 -0.10 0.00	27.17 0.23 0.00
WALDEN___HYDRO 24148	16.64 0.89 0.00	18.44 0.97 0.00	9.83 0.52 0.00	15.89 0.82 0.00	19.93 1.04 0.00	18.19 0.92 0.00	14.84 0.76 0.00	16.79 0.89 0.00	18.87 1.02 0.00	19.45 1.05 0.00	21.04 1.19 0.00	22.39 1.24 0.00	26.13 1.42 0.00	26.93 1.44 0.00	26.41 1.40 0.00	30.79 1.66 0.00	32.50 1.79 0.00	33.21 2.00 0.00	31.84 1.96 0.00	31.86 1.93 0.00	31.90 1.95 0.00	26.80 1.56 0.00	26.83 1.48 0.00	28.36 1.42 0.00
WARRENSBURG____ 23737	16.36 0.62 0.00	18.13 0.65 0.00	9.63 0.32 0.00	15.59 0.51 0.00	19.52 0.63 0.00	17.87 0.60 0.00	14.55 0.47 0.00	16.47 0.57 0.00	18.49 0.63 0.00	19.10 0.71 0.00	20.66 0.81 0.00	21.99 0.84 0.00	25.65 0.94 0.00	26.41 0.92 0.00	25.94 0.93 0.00	30.29 1.16 0.00	32.06 1.34 0.00	32.66 1.44 0.00	31.30 1.43 0.00	31.29 1.36 0.00	31.24 1.29 0.00	26.20 0.96 0.00	26.12 0.77 0.00	27.55 0.60 0.00
WATERSIDE___6 8 9 23538	16.73 0.98 0.00	18.53 1.05 0.00	9.86 0.56 0.00	15.97 0.90 0.00	20.04 1.15 0.00	18.25 0.98 0.00	14.89 0.81 0.00	16.88 0.97 0.00	18.94 1.08 0.00	19.51 1.11 0.00	21.11 1.26 0.00	22.46 1.31 0.00	26.17 1.46 0.00	26.99 1.50 0.00	26.48 1.47 0.00	30.86 1.73 0.00	32.55 1.83 0.00	33.26 2.04 0.00	31.86 1.99 0.00	31.87 1.94 0.00	31.89 1.94 0.00	26.79 1.55 0.00	26.86 1.51 0.00	28.39 1.45 0.00
WATKINRD_115KV_LN8_ILLION 55919	15.83 0.08 0.00	17.55 0.07 0.00	9.34 0.03 0.00	15.11 0.04 0.00	18.91 0.02 0.00	17.25 -0.02 0.00	14.08 0.00 0.00	15.93 0.03 0.00	17.90 0.05 0.00	18.45 0.06 0.00	19.91 0.06 0.00	21.22 0.07 0.00	24.83 0.12 0.00	25.60 0.11 0.00	25.11 0.10 0.00	29.27 0.14 0.00	30.93 0.21 0.00	31.54 0.32 0.00	30.20 0.32 0.00	30.27 0.34 0.00	30.30 0.35 0.00	25.46 0.22 0.00	25.50 0.14 0.00	27.01 0.07 0.00
WATSON___69_KV_BK 1 55734	17.16 1.41 0.00	18.95 1.48 0.00	10.09 0.78 0.00	16.28 1.21 0.00	20.33 1.45 0.00	18.53 1.27 0.00	15.26 1.17 0.00	17.23 1.33 0.00	19.36 1.50 0.00	21.56 1.68 -1.48	22.47 1.86 -0.77	22.99 1.86 0.02	28.23 2.05 -1.46	28.93 2.15 -1.29	27.85 2.18 -0.66	32.15 2.58 -0.44	33.42 2.61 -0.09	34.06 2.84 0.00	32.38 2.51 0.00	32.21 2.28 0.00	32.23 2.28 0.00	27.14 1.90 0.00	27.45 2.10 0.00	28.89 1.95 0.00
WDELAWARE___HYD 323627	16.29 0.55 0.00	18.05 0.58 0.00	9.61 0.31 0.00	15.54 0.47 0.00	19.50 0.61 0.00	17.80 0.53 0.00	14.54 0.46 0.00	16.47 0.56 0.00	18.54 0.69 0.00	19.13 0.74 0.00	20.73 0.89 0.00	22.07 0.92 0.00	25.75 1.04 0.00	26.53 1.05 0.00	26.02 1.01 0.00	30.30 1.18 0.00	32.01 1.29 0.00	32.74 1.52 0.00	31.41 1.53 0.00	31.44 1.51 0.00	31.46 1.51 0.00	26.43 1.19 0.00	26.44 1.09 0.00	27.91 0.97 0.00
WEST BABYLON___IC 23714	17.09 1.35 0.00	18.88 1.40 0.00	10.05 0.74 0.00	16.21 1.14 0.00	20.25 1.37 0.00	18.46 1.19 0.00	15.19 1.10 0.00	17.16 1.25 0.00	19.27 1.42 0.00	21.45 1.59 -1.47	22.85 1.78 -1.22	23.27 1.79 -0.34	29.00 1.98 -2.30	29.61 2.09 -2.04	28.16 2.10 -1.05	32.32 2.50 -0.70	33.38 2.52 -0.15	33.98 2.76 0.00	32.31 2.43 0.00	32.17 2.24 0.00	32.19 2.24 0.00	27.08 1.85 0.00	27.37 2.02 0.00	28.81 1.87 0.00
WEST CANADA___HYD 24049	15.81 0.06 0.00	17.55 0.07 0.00	9.34 0.04 0.00	15.13 0.06 0.00	18.95 0.06 0.00	17.31 0.05 0.00	14.12 0.03 0.00	15.95 0.04 0.00	17.90 0.05 0.00	18.45 0.06 0.00	19.90 0.05 0.00	21.21 0.06 0.00	24.77 0.06 0.00	25.54 0.05 0.00	25.06 0.06 0.00	29.21 0.08 0.00	30.82 0.10 0.00	31.36 0.15 0.00	30.03 0.15 0.00	30.08 0.15 0.00	30.12 0.17 0.00	25.34 0.11 0.00	25.43 0.08 0.00	27.02 0.08 0.00
WESTERN_NY_WIND 24143	15.49 -0.26 0.00	17.20 -0.27 0.00	9.16 -0.15 0.00	14.85 -0.23 0.00	18.65 -0.24 0.00	17.06 -0.21 0.00	13.95 -0.13 0.00	15.64 -0.27 0.00	17.70 -0.15 0.00	18.26 -0.14 0.00	19.69 -0.16 0.00	20.99 -0.16 0.00	24.66 -0.06 0.00	25.38 -0.11 0.00	24.99 -0.02 0.00	29.01 -0.11 0.00	30.54 -0.18 0.00	30.94 -0.28 0.00	29.55 -0.33 0.00	29.72 -0.20 0.00	29.79 -0.17 0.00	25.29 0.05 0.00	25.35 0.00 0.00	27.21 0.27 0.00
WESTOVER___LESR 323668	15.82 0.07 0.00	17.57 0.09 0.00	9.35 0.05 0.00	15.17 0.10 0.00	19.01 0.12 0.00	17.39 0.12 0.00	14.19 0.10 0.00	16.06 0.15 0.00	18.04 0.18 0.00	18.54 0.15 0.00	20.01 0.16 0.00	21.35 0.20 0.00	24.94 0.23 0.00	25.77 0.29 0.00	25.29 0.28 0.00	29.49 0.36 0.00	31.09 0.37 0.00	31.73 0.51 0.00	30.37 0.49 0.00	30.49 0.56 0.00	30.45 0.49 0.00	25.68 0.45 0.00	25.81 0.46 0.00	27.51 0.57 0.00
WETHRSFD_WT_PWR 323626	14.92 -0.82 0.00	16.58 -0.90 0.00	8.83 -0.48 0.00	14.34 -0.73 0.00	18.01 -0.88 0.00	16.50 -0.77 0.00	13.48 -0.60 0.00	15.15 -0.75 0.00	17.09 -0.76 0.00	17.62 -0.77 0.00	19.05 -0.80 0.00	20.42 -0.72 0.00	24.01 -0.71 0.00	24.93 -0.56 0.00	24.62 -0.39 0.00	28.75 -0.38 0.00	30.25 -0.46 0.00	30.81 -0.41 0.00	29.43 -0.44 0.00	29.59 -0.34 0.00	29.57 -0.38 0.00	25.09 -0.15 0.00	25.26 -0.10 0.00	27.08 0.14 0.00
WHAVSTOR_138KV_BK127 55557	16.59 0.84 0.00	18.38 0.91 0.00	9.79 0.48 0.00	15.84 0.77 0.00	19.88 0.99 0.00	18.13 0.86 0.00	14.80 0.71 0.00	16.73 0.83 0.00	18.79 0.94 0.00	19.35 0.95 0.00	20.92 1.07 0.00	22.25 1.11 0.00	25.97 1.26 0.00	26.77 1.29 0.00	26.25 1.25 0.00	30.60 1.48 0.00	32.30 1.58 0.00	32.99 1.78 0.00	31.63 1.75 0.00	31.65 1.72 0.00	31.70 1.75 0.00	26.64 1.40 0.00	26.70 1.35 0.00	28.24 1.30 0.00

WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	16.59 0.84 0.00	18.38 0.91 0.00	9.79 0.48 0.00	15.84 0.77 0.00	19.88 0.99 0.00	18.13 0.86 0.00	14.80 0.71 0.00	16.73 0.83 0.00	18.79 0.94 0.00	19.35 0.95 0.00	20.92 1.07 0.00	22.25 1.11 0.00	25.97 1.26 0.00	26.77 1.29 0.00	26.25 1.25 0.00	30.60 1.48 0.00	32.30 1.58 0.00	32.99 1.78 0.00	31.63 1.75 0.00	31.65 1.72 0.00	31.70 1.75 0.00	26.64 1.40 0.00	26.70 1.35 0.00	28.24 1.30 0.00
WHITEHAL_115KV_TB1 80871	16.77 1.02 0.00	18.47 0.99 0.00	9.77 0.46 0.00	15.79 0.72 0.00	19.79 0.90 0.00	18.22 0.95 0.00	14.83 0.74 0.00	16.79 0.88 0.00	18.72 0.87 0.00	19.41 1.02 0.00	21.11 1.27 0.00	22.42 1.27 0.00	26.17 1.46 0.00	26.90 1.42 0.00	26.45 1.45 0.00	31.02 1.89 0.00	33.03 2.32 0.00	33.57 2.36 0.00	32.26 2.38 0.00	32.10 2.17 0.00	31.92 1.96 0.00	26.72 1.49 0.00	26.50 1.15 0.00	27.77 0.82 0.00
WHITEPLN_13_KV_LOAD 356215	16.82 1.07 0.00	18.63 1.16 0.00	9.92 0.61 0.00	16.05 0.98 0.00	20.12 1.23 0.00	18.36 1.09 0.00	14.99 0.91 0.00	16.97 1.06 0.00	19.06 1.20 0.00	19.64 1.25 0.00	21.24 1.40 0.00	22.60 1.45 0.00	26.37 1.65 0.00	27.18 1.69 0.00	26.66 1.66 0.00	31.09 1.96 0.00	32.80 2.09 0.00	33.51 2.30 0.00	32.11 2.23 0.00	32.13 2.19 0.00	32.16 2.20 0.00	27.00 1.76 0.00	27.06 1.71 0.00	28.59 1.64 0.00
WM_FLOYD_69_KV_BK2 356380	17.17 1.42 0.00	18.97 1.49 0.00	10.10 0.79 0.00	16.30 1.23 0.00	20.36 1.47 0.00	18.56 1.29 0.00	15.29 1.20 0.00	17.27 1.36 0.00	19.39 1.54 0.00	21.58 1.69 -1.49	22.15 1.74 -0.57	22.65 1.69 0.18	27.65 1.86 -1.08	28.38 1.94 -0.95	27.49 1.99 -0.49	31.81 2.36 -0.32	33.18 2.40 -0.07	33.85 2.63 0.00	32.16 2.29 0.00	31.96 2.03 0.00	31.96 2.01 0.00	26.92 1.69 0.00	27.25 1.91 0.00	28.71 1.76 0.00
WOODARD__115KV_TB2 355635	15.58 -0.17 0.00	17.29 -0.19 0.00	9.21 -0.10 0.00	14.91 -0.16 0.00	18.69 -0.20 0.00	17.08 -0.19 0.00	13.94 -0.15 0.00	15.74 -0.16 0.00	17.70 -0.15 0.00	18.24 -0.15 0.00	19.70 -0.15 0.00	21.01 -0.14 0.00	24.56 -0.15 0.00	25.34 -0.15 0.00	24.85 -0.15 0.00	28.92 -0.21 0.00	30.47 -0.25 0.00	31.03 -0.19 0.00	29.71 -0.16 0.00	29.79 -0.14 0.00	29.81 -0.15 0.00	25.11 -0.13 0.00	25.20 -0.15 0.00	26.84 -0.10 0.00
YORK__WARBASSE 23770	16.78 1.04 0.00	18.59 1.11 0.00	9.89 0.59 0.00	16.02 0.95 0.00	20.09 1.20 0.00	18.30 1.03 0.00	14.94 0.86 0.00	16.94 1.04 0.00	19.01 1.15 0.00	19.58 1.19 0.00	21.19 1.35 0.00	22.55 1.41 0.00	26.29 1.58 0.00	27.11 1.62 0.00	26.60 1.59 0.00	31.01 1.88 0.00	32.68 1.97 0.00	33.39 2.17 0.00	31.98 2.11 0.00	32.00 2.07 0.00	32.04 2.09 0.00	26.92 1.69 0.00	27.00 1.65 0.00	28.54 1.59 0.00