

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

06/10/2024

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	15.72	16.60	16.45	12.62	10.63	11.49	16.30	20.86	20.77	17.75	21.28	22.55	24.10	25.32	26.02	24.28	23.13	22.32	21.98	21.64	20.93	22.28	24.34	21.49
24138	1.11	1.06	1.05	0.80	0.64	0.68	1.04	1.38	1.44	1.30	1.60	1.79	1.96	2.13	2.38	2.33	2.20	2.20	2.11	1.91	1.65	1.64	1.75	1.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	15.74	16.63	16.48	12.63	10.64	11.50	16.32	20.88	20.79	17.76	21.30	22.55	24.09	25.32	25.97	24.23	23.08	22.28	21.95	21.62	20.93	22.28	24.34	21.51
24260	1.13	1.09	1.08	0.81	0.65	0.68	1.05	1.40	1.46	1.31	1.61	1.79	1.95	2.13	2.33	2.28	2.15	2.16	2.07	1.90	1.64	1.64	1.75	1.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	15.74	16.63	16.48	12.63	10.64	11.50	16.32	20.88	20.79	17.76	21.30	22.55	24.09	25.32	25.97	24.23	23.08	22.28	21.95	21.62	20.93	22.28	24.34	21.51
24261	1.13	1.09	1.08	0.81	0.65	0.68	1.05	1.40	1.46	1.31	1.61	1.79	1.95	2.13	2.33	2.28	2.15	2.16	2.07	1.90	1.64	1.64	1.75	1.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	15.66	16.65	16.51	12.67	10.72	11.60	16.44	20.93	20.68	17.61	21.14	22.21	23.73	25.03	25.53	23.63	22.61	21.78	21.46	21.12	20.68	22.02	24.21	21.43
24011	1.05	1.11	1.11	0.86	0.73	0.78	1.18	1.45	1.34	1.16	1.46	1.45	1.59	1.84	1.89	1.68	1.68	1.66	1.58	1.39	1.40	1.38	1.62	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	15.74	16.74	16.59	12.73	10.77	11.66	16.55	21.07	20.81	17.71	21.28	22.36	23.89	25.20	25.70	23.78	22.77	21.94	21.60	21.24	20.81	22.15	24.37	21.56
23798	1.13	1.20	1.20	0.92	0.78	0.85	1.29	1.59	1.48	1.26	1.60	1.60	1.75	2.01	2.06	1.83	1.84	1.82	1.73	1.51	1.53	1.51	1.77	1.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	15.66	16.65	16.51	12.67	10.72	11.60	16.44	20.93	20.68	17.61	21.14	22.21	23.73	25.03	25.53	23.63	22.61	21.78	21.46	21.12	20.68	22.02	24.21	21.43
24028	1.05	1.11	1.11	0.86	0.73	0.78	1.18	1.45	1.34	1.16	1.46	1.45	1.59	1.84	1.89	1.68	1.68	1.66	1.58	1.39	1.40	1.38	1.62	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	15.45	16.50	16.40	12.59	10.64	11.46	16.16	20.51	20.09	17.00	20.38	21.44	22.99	24.23	24.73	22.79	21.85	21.13	20.92	20.98	20.38	21.75	23.78	21.06
23527	0.84	0.96	1.00	0.78	0.65	0.64	0.90	1.03	0.76	0.56	0.70	0.68	0.85	1.04	1.09	0.83	0.91	1.01	1.04	1.26	1.10	1.11	1.19	0.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	15.01	15.97	15.86	12.18	10.29	11.10	15.64	19.78	19.56	16.65	19.96	21.03	22.47	23.56	24.01	22.33	21.32	20.58	20.35	20.23	19.64	20.95	22.97	20.37
24190	0.40	0.43	0.47	0.37	0.30	0.29	0.38	0.30	0.22	0.20	0.27	0.27	0.33	0.37	0.37	0.38	0.39	0.46	0.47	0.51	0.36	0.31	0.37	0.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	14.34	15.29	15.14	11.65	9.88	10.70	15.00	19.19	19.06	16.16	19.29	20.35	21.71	22.70	23.12	21.46	17.27	19.53	19.36	19.28	18.99	20.46	22.41	19.88
355683	-0.27	-0.26	-0.25	-0.16	-0.12	-0.11	-0.26	-0.29	-0.27	-0.29	-0.39	-0.41	-0.43	-0.48	-0.52	-0.49	-0.50	-0.59	-0.51	-0.45	-0.29	-0.18	-0.18	-0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	15.23	16.23	16.11	12.37	10.45	11.29	15.91	20.12	19.81	16.80	20.15	21.23	22.73	23.80	24.34	22.67	21.67	20.91	20.70	20.57	20.01	21.34	23.36	20.73
323833	0.62	0.68	0.72	0.55	0.46	0.47	0.65	0.63	0.47	0.35	0.47	0.47	0.59	0.61	0.70	0.72	0.73	0.79	0.83	0.85	0.73	0.69	0.76	0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	15.23	16.22	16.11	12.37	10.45	11.28	15.90	20.11	19.81	16.79	20.15	21.23	22.73	23.80	24.34	22.67	21.66	20.90	20.69	20.57	20.01	21.33	23.35	20.73
323834	0.62	0.67	0.71	0.55	0.46	0.47	0.64	0.63	0.47	0.35	0.47	0.46	0.59	0.61	0.70	0.72	0.73	0.79	0.82	0.85	0.72	0.68	0.76	0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	15.01	15.97	15.86	12.18	10.29	11.10	15.64	19.78	19.56	16.65	19.96	21.03	22.47	23.56	24.01	22.33	21.32	20.58	20.35	20.23	19.64	20.95	22.97	20.37
23571	0.40	0.43	0.47	0.37	0.30	0.29	0.38	0.30	0.22	0.20	0.27	0.27	0.33	0.37	0.37	0.38	0.39	0.46	0.47	0.51	0.36	0.31	0.37	0.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	15.01 0.40 0.00	15.97 0.43 0.00	15.86 0.47 0.00	12.18 0.37 0.00	10.29 0.30 0.00	11.10 0.29 0.00	15.64 0.38 0.00	19.78 0.30 0.00	19.56 0.22 0.00	16.65 0.20 0.00	19.96 0.27 0.00	21.03 0.27 0.00	22.47 0.33 0.00	23.56 0.37 0.00	24.01 0.37 0.00	22.33 0.38 0.00	21.32 0.39 0.00	20.58 0.46 0.00	20.35 0.47 0.00	20.23 0.51 0.00	19.64 0.36 0.00	20.95 0.31 0.00	22.97 0.37 0.00	20.37 0.26 0.00
ALBANY___3 23573	15.01 0.40 0.00	15.97 0.43 0.00	15.86 0.47 0.00	12.18 0.37 0.00	10.29 0.30 0.00	11.10 0.29 0.00	15.64 0.38 0.00	19.78 0.30 0.00	19.56 0.22 0.00	16.65 0.20 0.00	19.96 0.27 0.00	21.03 0.27 0.00	22.47 0.33 0.00	23.56 0.37 0.00	24.01 0.37 0.00	22.33 0.38 0.00	21.32 0.39 0.00	20.58 0.46 0.00	20.35 0.47 0.00	20.23 0.51 0.00	19.64 0.36 0.00	20.95 0.31 0.00	22.97 0.37 0.00	20.37 0.26 0.00
ALBANY___4 23574	15.01 0.40 0.00	15.97 0.43 0.00	15.86 0.47 0.00	12.18 0.37 0.00	10.29 0.30 0.00	11.10 0.29 0.00	15.64 0.38 0.00	19.78 0.30 0.00	19.56 0.22 0.00	16.65 0.20 0.00	19.96 0.27 0.00	21.03 0.27 0.00	22.47 0.33 0.00	23.56 0.37 0.00	24.01 0.37 0.00	22.33 0.38 0.00	21.32 0.39 0.00	20.58 0.46 0.00	20.35 0.47 0.00	20.23 0.51 0.00	19.64 0.36 0.00	20.95 0.31 0.00	22.97 0.37 0.00	20.37 0.26 0.00
ALBANY___LFGE 323615	15.13 0.52 0.00	16.10 0.55 0.00	15.99 0.59 0.00	12.28 0.46 0.00	10.37 0.38 0.00	11.19 0.38 0.00	15.78 0.51 0.00	19.99 0.50 0.00	19.75 0.42 0.00	16.82 0.37 0.00	20.17 0.48 0.00	21.25 0.49 0.00	22.71 0.57 0.00	23.83 0.64 0.00	24.30 0.65 0.00	22.58 0.62 0.00	21.56 0.62 0.00	20.80 0.68 0.00	20.57 0.69 0.00	20.45 0.72 0.00	19.86 0.58 0.00	21.17 0.53 0.00	23.20 0.60 0.00	20.56 0.46 0.00
ALCOA_PA_115KV_PL-6C 55860	14.32 -0.30 0.00	15.29 -0.25 0.00	15.22 -0.18 0.00	11.72 -0.10 0.00	9.93 -0.06 0.00	10.76 -0.05 0.00	14.99 -0.28 0.00	19.17 -0.31 0.00	19.02 -0.32 0.00	16.11 -0.34 0.00	19.24 -0.44 0.00	20.30 -0.46 0.00	21.66 -0.48 0.00	22.64 -0.55 0.00	23.05 -0.59 0.00	21.37 -0.58 0.00	17.28 -0.59 3.06	19.44 -0.68 0.00	19.28 -0.60 0.00	19.20 -0.52 0.00	18.93 -0.35 0.00	20.41 -0.23 0.00	22.37 -0.22 0.00	19.86 -0.25 0.00
ALCOA_RYNLDS___DRP 24188	14.32 -0.30 0.00	15.29 -0.25 0.00	15.22 -0.18 0.00	11.72 -0.10 0.00	9.93 -0.06 0.00	10.76 -0.05 0.00	14.99 -0.28 0.00	19.17 -0.31 0.00	19.02 -0.32 0.00	16.11 -0.34 0.00	19.24 -0.44 0.00	20.30 -0.46 0.00	21.66 -0.48 0.00	22.64 -0.55 0.00	23.05 -0.59 0.00	21.37 -0.58 0.00	17.28 -0.59 3.06	19.44 -0.68 0.00	19.28 -0.60 0.00	19.20 -0.52 0.00	18.93 -0.35 0.00	20.41 -0.23 0.00	22.37 -0.22 0.00	19.86 -0.25 0.00
ALCOA___DSASP 323711	14.31 -0.30 0.00	15.29 -0.25 0.00	15.22 -0.18 0.00	11.72 -0.10 0.00	9.93 -0.06 0.00	10.76 -0.05 0.00	14.99 -0.28 0.00	19.17 -0.31 0.00	19.02 -0.32 0.00	16.11 -0.34 0.00	19.24 -0.44 0.00	20.30 -0.47 0.00	21.66 -0.48 0.00	22.64 -0.55 0.00	23.05 -0.59 0.00	21.37 -0.58 0.00	17.28 -0.59 3.06	19.44 -0.68 0.00	19.28 -0.59 0.00	19.20 -0.53 0.00	18.93 -0.35 0.00	20.41 -0.23 0.00	22.37 -0.22 0.00	19.86 -0.25 0.00
ALLEGHENY___COGEN 23514	14.67 0.06 0.00	15.65 0.10 0.00	15.58 0.18 0.00	11.91 0.09 0.00	9.90 -0.03 0.07	10.54 0.10 0.37	15.55 0.28 0.00	19.93 0.45 0.00	19.68 0.34 0.00	16.62 0.17 0.00	19.91 0.23 0.00	20.86 0.10 0.00	22.06 -0.07 0.00	23.02 -0.17 0.00	23.54 -0.10 0.00	21.79 -0.16 0.00	20.93 0.00 0.00	20.15 0.03 0.00	20.06 0.18 0.00	20.10 0.38 0.00	19.75 0.47 0.00	21.10 0.46 0.00	23.02 0.43 0.00	20.38 0.27 0.00
ALTAMONT_115KV_TB 2 55880	15.03 0.42 0.00	15.99 0.44 0.00	15.86 0.46 0.00	12.17 0.36 0.00	10.28 0.29 0.00	11.10 0.29 0.00	15.68 0.42 0.00	19.96 0.48 0.00	19.77 0.43 0.00	16.84 0.39 0.00	20.17 0.49 0.00	21.27 0.51 0.00	22.70 0.56 0.00	23.82 0.63 0.00	24.32 0.68 0.00	22.62 0.66 0.00	21.57 0.64 0.00	20.80 0.68 0.00	20.56 0.68 0.00	20.37 0.65 0.00	19.82 0.53 0.00	21.15 0.50 0.00	23.15 0.55 0.00	20.54 0.43 0.00
ALTONA_WT_PWR 323606	14.08 -0.53 0.00	14.92 -0.63 0.00	14.73 -0.67 0.00	11.36 -0.46 0.00	9.67 -0.32 0.00	10.60 -0.21 0.00	14.97 -0.29 0.00	19.01 -0.47 0.00	18.71 -0.63 0.00	15.77 -0.68 0.00	18.79 -0.89 0.00	19.90 -0.86 0.00	21.13 -1.01 0.00	22.23 -0.96 0.00	22.53 -1.11 0.00	20.96 -0.99 0.00	16.76 -1.03 3.13	19.10 -1.02 0.00	19.27 -0.61 0.00	19.29 -0.44 0.00	19.17 -0.11 0.00	20.73 0.09 0.00	22.69 0.09 0.00	20.10 -0.01 0.00
AMERICAN_REF_FUEL 24010	13.81 -0.80 0.00	14.80 -0.74 0.00	14.74 -0.66 0.00	11.26 -0.55 0.00	9.32 -0.62 0.05	10.01 -0.56 0.25	14.53 -0.73 0.00	18.63 -0.85 0.00	18.57 -0.77 0.00	15.71 -0.74 0.00	18.80 -0.88 0.00	19.78 -0.99 0.00	20.97 -1.17 0.00	21.87 -1.32 0.00	22.31 -1.33 0.00	20.61 -1.35 0.00	19.58 -1.35 0.00	18.69 -1.43 0.00	18.50 -1.37 0.00	18.51 -1.22 0.00	18.21 -1.07 0.00	19.42 -1.22 0.00	21.33 -1.26 0.00	18.88 -1.23 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	14.11 -0.50 0.00	15.21 -0.34 0.00	15.15 -0.25 0.00	11.59 -0.22 0.00	9.62 -0.31 0.06	10.25 -0.26 0.30	15.11 -0.15 0.00	19.42 -0.07 0.00	19.32 -0.02 0.00	16.33 -0.11 0.00	19.56 -0.13 0.00	20.53 -0.24 0.00	21.65 -0.49 0.00	22.58 -0.61 0.00	23.10 -0.54 0.00	21.53 -0.42 0.00	20.55 -0.38 0.00	19.75 -0.36 0.00	19.62 -0.26 0.00	19.54 -0.18 0.00	19.15 -0.13 0.00	20.40 -0.25 0.00	22.37 -0.23 0.00	19.86 -0.24 0.00
ARTHUR KILL_GT_1 23520	15.76 1.15 0.00	16.64 1.10 0.00	16.56 1.16 0.00	12.79 0.97 -0.01	10.78 0.78 -0.01	11.64 0.82 -0.01	16.26 1.00 0.00	20.80 1.32 0.00	20.67 1.33 0.00	17.63 1.18 0.00	21.10 1.42 0.00	22.43 1.67 0.00	24.03 1.89 0.00	25.22 2.03 0.00	25.91 2.26 -0.01	24.18 2.21 -0.02	23.01 2.07 0.00	22.21 2.09 -0.01	21.90 2.02 0.00	21.59 1.85 -0.02	42.29 1.59 -21.43	37.21 1.58 -14.99	24.34 1.74 0.00	21.62 1.51 -0.01
ARTHUR_KILL_2 23512	15.71 1.10 0.00	16.59 1.04 0.00	16.52 1.11 0.00	12.76 0.93 -0.01	10.75 0.75 -0.01	11.61 0.79 -0.01	16.21 0.95 0.00	20.74 1.25 0.00	20.61 1.28 0.00	17.58 1.13 0.00	21.04 1.36 0.00	22.36 1.60 0.00	23.95 1.82 0.00	25.15 1.96 0.00	25.83 2.18 -0.01	24.10 2.13 -0.02	22.94 2.00 0.00	22.14 2.02 -0.01	21.82 1.95 0.00	21.52 1.77 -0.02	42.22 1.51 -21.43	37.13 1.50 -14.99	24.25 1.66 0.00	21.54 1.43 -0.01
ARTHUR_KILL_3 23513	15.64 1.03 0.00	16.51 0.97 0.00	16.34 0.94 0.00	12.52 0.70 0.00	10.54 0.55 0.00	11.39 0.58 0.00	16.19 0.93 0.00	20.71 1.23 0.00	20.62 1.28 0.00	17.61 1.16 0.00	21.11 1.42 0.00	22.36 1.60 0.00	23.87 1.74 0.00	25.09 1.90 0.00	25.75 2.10 0.00	24.05 2.08 -0.01	22.90 1.96 0.00	22.10 1.98 -0.01	21.77 1.90 0.00	21.46 1.72 -0.01	37.07 1.48 -16.30	33.52 1.47 -11.40	24.16 1.56 0.00	21.34 1.23 0.00

ARTHUR_KILL_COGEN 323718	15.76 1.15 0.00	16.64 1.10 0.00	16.56 1.16 0.00	12.79 0.97 -0.01	10.78 0.78 -0.01	11.64 0.82 -0.01	16.26 1.00 0.00	20.80 1.32 0.00	20.67 1.33 0.00	17.63 1.18 0.00	21.10 1.42 0.00	22.43 1.67 0.00	24.03 1.89 0.00	25.22 2.03 0.00	25.91 2.26 -0.01	24.18 2.21 -0.02	23.01 2.07 0.00	22.21 2.09 -0.01	21.90 2.02 0.00	21.59 1.85 -0.02	42.29 1.59 -21.43	37.21 1.58 -14.99	24.34 1.74 0.00	21.62 1.51 -0.01
ASHOKAN____ 23654	15.38 0.77 0.00	16.36 0.81 0.00	16.23 0.84 0.00	12.46 0.64 0.00	10.52 0.53 0.00	11.37 0.56 0.00	16.09 0.83 0.00	20.41 0.93 0.00	20.06 0.72 0.00	17.04 0.60 0.00	20.42 0.74 0.00	21.59 0.82 0.00	23.12 0.98 0.00	24.33 1.14 0.00	24.76 1.12 0.00	23.04 1.08 0.00	22.04 1.11 0.00	21.36 1.24 0.00	21.18 1.30 0.00	21.07 1.34 0.00	20.47 1.19 0.00	21.77 1.13 0.00	23.74 1.15 0.00	20.98 0.87 0.00
ASTORIA_EAST_ENERGY_CC1 323581	15.71 1.10 0.00	16.56 1.02 0.00	16.39 0.99 0.00	12.53 0.71 -0.01	10.56 0.56 -0.01	11.41 0.60 -0.01	16.22 0.96 0.00	20.77 1.29 0.00	20.66 1.32 0.00	17.64 1.20 0.00	21.12 1.44 0.01	22.40 1.64 0.00	23.92 1.79 0.01	25.12 1.94 0.01	25.77 2.13 0.00	24.07 2.12 0.01	22.92 2.00 0.01	22.12 2.01 0.00	21.80 1.92 0.00	21.46 1.74 0.00	20.79 1.51 0.00	22.15 1.50 0.00	24.21 1.61 0.00	21.40 1.30 0.00
ASTORIA_EAST_ENERGY_CC2 323582	15.71 1.09 0.00	16.56 1.02 0.00	16.39 0.99 0.00	12.53 0.71 -0.01	10.56 0.56 -0.01	11.41 0.60 -0.01	16.22 0.96 0.00	20.77 1.29 0.00	20.66 1.32 0.00	17.64 1.20 0.00	21.12 1.44 0.01	22.40 1.64 0.00	23.92 1.79 0.01	25.12 1.94 0.01	25.77 2.13 0.00	24.07 2.12 0.01	22.92 2.00 0.01	22.12 2.01 0.00	21.80 1.92 0.00	21.46 1.74 0.00	20.79 1.51 0.00	22.15 1.50 0.00	24.21 1.61 0.00	21.40 1.30 0.00
ASTORIA_GT2_1 24094	15.71 1.10 0.00	16.57 1.02 0.00	16.40 0.99 0.00	12.54 0.71 -0.01	10.57 0.57 -0.01	11.42 0.60 -0.01	16.22 0.96 0.00	20.78 1.30 0.00	20.67 1.33 0.00	17.66 1.21 0.00	21.14 1.46 0.00	22.41 1.65 0.00	23.93 1.79 0.00	25.14 1.95 0.00	25.79 2.15 0.00	24.08 2.13 0.00	22.94 2.01 0.00	22.14 2.02 0.00	21.81 1.93 0.00	21.48 1.75 0.00	20.80 1.52 0.00	22.16 1.51 0.00	24.22 1.63 0.00	21.42 1.31 0.00
ASTORIA_GT2_2 24095	15.71 1.10 0.00	16.57 1.02 0.00	16.40 0.99 0.00	12.54 0.71 -0.01	10.57 0.57 -0.01	11.42 0.60 -0.01	16.22 0.96 0.00	20.78 1.30 0.00	20.67 1.33 0.00	17.66 1.21 0.00	21.14 1.46 0.00	22.41 1.65 0.00	23.93 1.79 0.00	25.14 1.95 0.00	25.79 2.15 0.00	24.08 2.13 0.00	22.94 2.01 0.00	22.14 2.02 0.00	21.81 1.93 0.00	21.48 1.75 0.00	20.80 1.52 0.00	22.16 1.51 0.00	24.22 1.63 0.00	21.42 1.31 0.00
ASTORIA_GT2_3 24096	15.71 1.10 0.00	16.57 1.02 0.00	16.40 0.99 0.00	12.54 0.71 -0.01	10.57 0.57 -0.01	11.42 0.60 -0.01	16.22 0.96 0.00	20.78 1.30 0.00	20.67 1.33 0.00	17.66 1.21 0.00	21.14 1.46 0.00	22.41 1.65 0.00	23.93 1.79 0.00	25.14 1.95 0.00	25.79 2.15 0.00	24.08 2.13 0.00	22.94 2.01 0.00	22.14 2.02 0.00	21.81 1.93 0.00	21.48 1.75 0.00	20.80 1.52 0.00	22.16 1.51 0.00	24.22 1.63 0.00	21.42 1.31 0.00
ASTORIA_GT2_4 24097	15.71 1.10 0.00	16.57 1.02 0.00	16.40 0.99 0.00	12.54 0.71 -0.01	10.57 0.57 -0.01	11.42 0.60 -0.01	16.22 0.96 0.00	20.78 1.30 0.00	20.67 1.33 0.00	17.66 1.21 0.00	21.14 1.46 0.00	22.41 1.65 0.00	23.93 1.79 0.00	25.14 1.95 0.00	25.79 2.15 0.00	24.08 2.13 0.00	22.94 2.01 0.00	22.14 2.02 0.00	21.81 1.93 0.00	21.48 1.75 0.00	20.80 1.52 0.00	22.16 1.51 0.00	24.22 1.63 0.00	21.42 1.31 0.00
ASTORIA_GT3_1 24098	15.71 1.10 0.00	16.57 1.02 0.00	16.40 0.99 0.00	12.54 0.71 -0.01	10.57 0.57 -0.01	11.42 0.60 -0.01	16.22 0.96 0.00	20.78 1.30 0.00	20.67 1.33 0.00	17.66 1.21 0.00	21.14 1.46 0.00	22.41 1.65 0.00	23.93 1.79 0.00	25.14 1.95 0.00	25.79 2.15 0.00	24.08 2.13 0.00	22.94 2.01 0.00	22.14 2.02 0.00	21.81 1.93 0.00	21.48 1.75 0.00	20.80 1.52 0.00	22.16 1.51 0.00	24.22 1.63 0.00	21.42 1.31 0.00
ASTORIA_GT3_2 24099	15.71 1.10 0.00	16.57 1.02 0.00	16.40 0.99 0.00	12.54 0.71 -0.01	10.57 0.57 -0.01	11.42 0.60 -0.01	16.22 0.96 0.00	20.78 1.30 0.00	20.67 1.33 0.00	17.66 1.21 0.00	21.14 1.46 0.00	22.41 1.65 0.00	23.93 1.79 0.00	25.14 1.95 0.00	25.79 2.15 0.00	24.08 2.13 0.00	22.94 2.01 0.00	22.14 2.02 0.00	21.81 1.93 0.00	21.48 1.75 0.00	20.80 1.52 0.00	22.16 1.51 0.00	24.22 1.63 0.00	21.42 1.31 0.00
ASTORIA_GT3_3 24100	15.71 1.10 0.00	16.57 1.02 0.00	16.40 0.99 0.00	12.54 0.71 -0.01	10.57 0.57 -0.01	11.42 0.60 -0.01	16.22 0.96 0.00	20.78 1.30 0.00	20.67 1.33 0.00	17.66 1.21 0.00	21.14 1.46 0.00	22.41 1.65 0.00	23.93 1.79 0.00	25.14 1.95 0.00	25.79 2.15 0.00	24.08 2.13 0.00	22.94 2.01 0.00	22.14 2.02 0.00	21.81 1.93 0.00	21.48 1.75 0.00	20.80 1.52 0.00	22.16 1.51 0.00	24.22 1.63 0.00	21.42 1.31 0.00
ASTORIA_GT3_4 24101	15.71 1.10 0.00	16.57 1.02 0.00	16.40 0.99 0.00	12.54 0.71 -0.01	10.57 0.57 -0.01	11.42 0.60 -0.01	16.22 0.96 0.00	20.78 1.30 0.00	20.67 1.33 0.00	17.66 1.21 0.00	21.14 1.46 0.00	22.41 1.65 0.00	23.93 1.79 0.00	25.14 1.95 0.00	25.79 2.15 0.00	24.08 2.13 0.00	22.94 2.01 0.00	22.14 2.02 0.00	21.81 1.93 0.00	21.48 1.75 0.00	20.80 1.52 0.00	22.16 1.51 0.00	24.22 1.63 0.00	21.42 1.31 0.00
ASTORIA_GT4_1 24102	15.71 1.10 0.00	16.57 1.02 0.00	16.40 0.99 0.00	12.54 0.71 -0.01	10.57 0.57 -0.01	11.42 0.60 -0.01	16.22 0.96 0.00	20.78 1.30 0.00	20.67 1.33 0.00	17.66 1.21 0.00	21.14 1.46 0.00	22.41 1.65 0.00	23.93 1.79 0.00	25.14 1.95 0.00	25.79 2.15 0.00	24.08 2.13 0.00	22.94 2.01 0.00	22.14 2.02 0.00	21.81 1.93 0.00	21.48 1.75 0.00	20.80 1.52 0.00	22.16 1.51 0.00	24.22 1.63 0.00	21.42 1.31 0.00
ASTORIA_GT4_2 24103	15.71 1.10 0.00	16.57 1.02 0.00	16.40 0.99 0.00	12.54 0.71 -0.01	10.57 0.57 -0.01	11.42 0.60 -0.01	16.22 0.96 0.00	20.78 1.30 0.00	20.67 1.33 0.00	17.66 1.21 0.00	21.14 1.46 0.00	22.41 1.65 0.00	23.93 1.79 0.00	25.14 1.95 0.00	25.79 2.15 0.00	24.08 2.13 0.00	22.94 2.01 0.00	22.14 2.02 0.00	21.81 1.93 0.00	21.48 1.75 0.00	20.80 1.52 0.00	22.16 1.51 0.00	24.22 1.63 0.00	21.42 1.31 0.00
ASTORIA_GT4_3 24104	15.71 1.10 0.00	16.57 1.02 0.00	16.40 0.99 0.00	12.54 0.71 -0.01	10.57 0.57 -0.01	11.42 0.60 -0.01	16.22 0.96 0.00	20.78 1.30 0.00	20.67 1.33 0.00	17.66 1.21 0.00	21.14 1.46 0.00	22.41 1.65 0.00	23.93 1.79 0.00	25.14 1.95 0.00	25.79 2.15 0.00	24.08 2.13 0.00	22.94 2.01 0.00	22.14 2.02 0.00	21.81 1.93 0.00	21.48 1.75 0.00	20.80 1.52 0.00	22.16 1.51 0.00	24.22 1.63 0.00	21.42 1.31 0.00

ASTORIA_GT4_4 24105	15.71 1.10 0.00	16.57 1.02 0.00	16.40 0.99 0.00	12.54 0.71 -0.01	10.57 0.57 -0.01	11.42 0.60 -0.01	16.22 0.96 0.00	20.78 1.30 0.00	20.67 1.33 0.00	17.66 1.21 0.00	21.14 1.46 0.00	22.41 1.65 0.00	23.93 1.79 0.00	25.14 1.95 0.00	25.79 2.15 0.00	24.08 2.13 0.00	22.94 2.01 0.00	22.14 2.02 0.00	21.81 1.93 0.00	21.48 1.75 0.00	20.80 1.52 0.00	22.16 1.51 0.00	24.22 1.63 0.00	21.42 1.31 0.00
ASTORIA_GT_1 23523	15.74 1.13 0.00	16.59 1.05 0.00	16.42 1.02 0.00	12.56 0.74 -0.01	10.58 0.59 -0.01	11.44 0.62 -0.01	16.25 0.99 0.00	20.82 1.34 0.00	20.71 1.37 0.00	17.69 1.24 0.00	21.17 1.50 0.01	22.45 1.69 0.00	23.98 1.85 0.01	25.19 2.01 0.01	25.84 2.20 0.00	24.13 2.18 0.01	22.98 2.06 0.01	22.18 2.07 0.00	21.85 1.98 0.00	21.52 1.79 0.00	20.84 1.56 0.00	22.20 1.56 0.00	24.27 1.67 0.00	21.45 1.35 0.00
ASTORIA_GT_10 24110	15.69 1.08 0.00	16.57 1.02 0.00	16.42 1.02 0.00	12.60 0.78 -0.01	10.62 0.62 -0.01	11.47 0.65 -0.01	16.24 0.98 0.00	20.77 1.29 0.00	20.68 1.34 0.00	17.66 1.21 0.00	21.16 1.48 0.00	22.43 1.66 0.00	23.96 1.82 0.00	25.18 1.99 0.00	25.82 2.18 0.00	24.10 2.14 0.00	22.96 2.02 0.00	22.15 2.03 0.00	21.82 1.94 0.00	21.49 1.77 0.00	20.80 1.52 0.00	22.15 1.51 0.00	24.20 1.61 0.00	21.41 1.30 0.00
ASTORIA_GT_11 24225	15.69 1.08 0.00	16.57 1.02 0.00	16.42 1.02 0.00	12.60 0.78 -0.01	10.62 0.62 -0.01	11.47 0.65 -0.01	16.24 0.98 0.00	20.77 1.29 0.00	20.68 1.34 0.00	17.66 1.21 0.00	21.16 1.48 0.00	22.43 1.66 0.00	23.96 1.82 0.00	25.18 1.99 0.00	25.82 2.18 0.00	24.10 2.14 0.00	22.96 2.02 0.00	22.15 2.03 0.00	21.82 1.94 0.00	21.49 1.77 0.00	20.80 1.52 0.00	22.15 1.51 0.00	24.20 1.61 0.00	21.41 1.30 0.00
ASTORIA_GT_12 24226	15.69 1.08 0.00	16.57 1.02 0.00	16.42 1.02 0.00	12.60 0.78 -0.01	10.62 0.62 -0.01	11.47 0.65 -0.01	16.24 0.98 0.00	20.77 1.29 0.00	20.68 1.34 0.00	17.66 1.21 0.00	21.16 1.48 0.00	22.43 1.66 0.00	23.96 1.82 0.00	25.18 1.99 0.00	25.82 2.18 0.00	24.10 2.14 0.00	22.96 2.02 0.00	22.15 2.03 0.00	21.82 1.94 0.00	21.49 1.77 0.00	20.80 1.52 0.00	22.15 1.51 0.00	24.20 1.61 0.00	21.41 1.30 0.00
ASTORIA_GT_13 24227	15.69 1.08 0.00	16.57 1.02 0.00	16.42 1.02 0.00	12.60 0.78 -0.01	10.62 0.62 -0.01	11.47 0.65 -0.01	16.24 0.98 0.00	20.77 1.29 0.00	20.68 1.34 0.00	17.66 1.21 0.00	21.16 1.48 0.00	22.43 1.66 0.00	23.96 1.82 0.00	25.18 1.99 0.00	25.82 2.18 0.00	24.10 2.14 0.00	22.96 2.02 0.00	22.15 2.03 0.00	21.82 1.94 0.00	21.49 1.77 0.00	20.80 1.52 0.00	22.15 1.51 0.00	24.20 1.61 0.00	21.41 1.30 0.00
ASTORIA_GT_5 24106	15.74 1.12 0.00	16.59 1.05 0.00	16.42 1.02 0.00	12.56 0.74 -0.01	10.58 0.59 -0.01	11.44 0.62 -0.01	16.25 0.99 0.00	20.82 1.34 0.00	20.71 1.37 0.00	17.69 1.24 0.00	21.18 1.50 0.00	22.45 1.69 0.00	23.98 1.85 0.00	25.20 2.01 0.00	25.84 2.20 0.00	24.14 2.18 0.00	22.99 2.06 0.00	22.18 2.06 0.00	21.85 1.97 0.00	21.52 1.79 0.00	20.84 1.56 0.00	22.20 1.56 0.00	24.27 1.67 0.00	21.45 1.35 0.00
ASTORIA_GT_7 24107	15.74 1.12 0.00	16.59 1.05 0.00	16.42 1.02 0.00	12.56 0.74 -0.01	10.58 0.59 -0.01	11.44 0.62 -0.01	16.25 0.99 0.00	20.82 1.34 0.00	20.71 1.37 0.00	17.69 1.24 0.00	21.18 1.50 0.00	22.45 1.69 0.00	23.98 1.85 0.00	25.20 2.01 0.00	25.84 2.20 0.00	24.14 2.18 0.00	22.99 2.06 0.00	22.18 2.06 0.00	21.85 1.97 0.00	21.52 1.79 0.00	20.84 1.56 0.00	22.20 1.56 0.00	24.27 1.67 0.00	21.45 1.35 0.00
ASTORIA_GT_8 24108	15.74 1.12 0.00	16.59 1.05 0.00	16.42 1.02 0.00	12.56 0.74 -0.01	10.58 0.59 -0.01	11.44 0.62 -0.01	16.25 0.99 0.00	20.82 1.34 0.00	20.71 1.37 0.00	17.69 1.24 0.00	21.18 1.50 0.00	22.45 1.69 0.00	23.98 1.85 0.00	25.20 2.01 0.00	25.84 2.20 0.00	24.14 2.18 0.00	22.99 2.06 0.00	22.18 2.06 0.00	21.85 1.97 0.00	21.52 1.79 0.00	20.84 1.56 0.00	22.20 1.56 0.00	24.27 1.67 0.00	21.45 1.35 0.00
ASTORIA___2 24149	15.71 1.10 0.00	16.57 1.02 0.00	16.40 0.99 0.00	12.54 0.71 -0.01	10.56 0.56 -0.01	11.42 0.60 -0.01	16.22 0.96 0.00	20.78 1.30 0.00	20.67 1.33 0.00	17.66 1.21 0.00	21.13 1.45 0.01	22.41 1.65 0.00	23.93 1.79 0.01	25.13 1.95 0.01	25.78 2.15 0.00	24.08 2.13 0.01	22.93 2.01 0.01	22.13 2.02 0.00	21.80 1.93 0.00	21.48 1.75 0.00	20.80 1.52 0.00	22.16 1.51 0.00	24.22 1.63 0.00	21.42 1.31 0.00
ASTORIA___3 23516	15.69 1.08 0.00	16.57 1.02 0.00	16.42 1.02 0.00	12.60 0.78 -0.01	10.62 0.62 -0.01	11.47 0.65 -0.01	16.24 0.98 0.00	20.77 1.29 0.00	20.68 1.34 0.00	17.66 1.21 0.00	21.16 1.48 0.00	22.43 1.67 0.00	23.96 1.82 0.00	25.18 1.99 0.00	25.82 2.18 0.00	24.10 2.14 0.00	22.95 2.02 0.00	22.15 2.03 0.00	21.82 1.94 0.00	21.49 1.77 0.00	20.80 1.52 0.00	22.15 1.51 0.00	24.20 1.61 0.00	21.41 1.30 0.00
ASTORIA___4 23517	15.69 1.08 0.00	16.57 1.02 0.00	16.42 1.02 0.00	12.60 0.78 -0.01	10.62 0.62 -0.01	11.47 0.65 -0.01	16.24 0.98 0.00	20.77 1.29 0.00	20.68 1.34 0.00	17.66 1.21 0.00	21.16 1.48 0.00	22.43 1.66 0.00	23.96 1.82 0.00	25.18 1.99 0.00	25.82 2.18 0.00	24.10 2.14 0.00	22.96 2.02 0.00	22.15 2.03 0.00	21.82 1.94 0.00	21.49 1.77 0.00	20.80 1.52 0.00	22.15 1.51 0.00	24.20 1.61 0.00	21.41 1.30 0.00
ASTORIA___5 23518	15.69 1.08 0.00	16.57 1.02 0.00	16.42 1.02 0.00	12.60 0.78 -0.01	10.62 0.62 -0.01	11.47 0.65 -0.01	16.24 0.98 0.00	20.77 1.29 0.00	20.68 1.34 0.00	17.66 1.21 0.00	21.16 1.48 0.00	22.43 1.67 0.00	23.96 1.82 0.00	25.18 1.99 0.00	25.82 2.18 0.00	24.10 2.14 0.00	22.95 2.02 0.00	22.15 2.03 0.00	21.82 1.94 0.00	21.49 1.77 0.00	20.80 1.52 0.00	22.15 1.51 0.00	24.20 1.61 0.00	21.41 1.30 0.00
AST_ENERGY_2_CC3 323677	15.64 1.03 0.00	16.52 0.97 0.00	16.36 0.96 0.00	12.54 0.73 0.00	10.56 0.57 0.00	11.41 0.60 0.00	16.18 0.91 0.00	20.69 1.20 0.00	20.59 1.26 0.00	17.59 1.14 0.00	21.09 1.41 0.00	22.33 1.57 0.00	23.84 1.71 0.01	25.06 1.88 0.00	25.72 2.08 0.00	24.01 2.06 0.00	22.88 1.94 0.00	22.08 1.96 0.00	21.75 1.88 0.00	21.43 1.70 0.00	20.73 1.45 0.00	22.07 1.43 0.00	24.12 1.52 0.00	21.32 1.22 0.00
AST_ENERGY_2_CC4 323678	15.64 1.03 0.00	16.52 0.97 0.00	16.36 0.96 0.00	12.54 0.73 0.00	10.56 0.57 0.00	11.41 0.60 0.00	16.18 0.91 0.00	20.69 1.20 0.00	20.59 1.26 0.00	17.59 1.14 0.00	21.09 1.41 0.00	22.33 1.57 0.00	23.84 1.71 0.01	25.06 1.88 0.00	25.72 2.08 0.00	24.01 2.06 0.00	22.88 1.94 0.00	22.08 1.96 0.00	21.75 1.88 0.00	21.43 1.70 0.00	20.73 1.45 0.00	22.07 1.43 0.00	24.12 1.52 0.00	21.32 1.22 0.00

ATHENS_STG_1 23668	15.12 0.51 0.00	16.07 0.52 0.00	15.94 0.54 0.00	12.22 0.41 0.00	10.32 0.32 0.00	11.14 0.33 0.00	15.75 0.49 0.00	20.09 0.61 0.00	19.93 0.59 0.00	16.97 0.53 0.00	20.34 0.66 0.00	21.47 0.71 0.00	22.92 0.78 0.00	24.05 0.86 0.00	24.57 0.92 0.00	22.85 0.90 0.00	21.80 0.86 0.00	21.03 0.91 0.00	20.77 0.89 0.00	20.54 0.82 0.00	19.96 0.68 0.00	21.29 0.64 0.00	23.29 0.69 0.00	20.64 0.54 0.00
ATHENS_STG_2 23670	15.12 0.51 0.00	16.07 0.52 0.00	15.94 0.54 0.00	12.22 0.41 0.00	10.32 0.32 0.00	11.14 0.33 0.00	15.75 0.49 0.00	20.09 0.61 0.00	19.93 0.59 0.00	16.97 0.53 0.00	20.34 0.66 0.00	21.47 0.71 0.00	22.92 0.78 0.00	24.05 0.86 0.00	24.57 0.92 0.00	22.85 0.90 0.00	21.80 0.86 0.00	21.03 0.91 0.00	20.77 0.89 0.00	20.54 0.82 0.00	19.96 0.68 0.00	21.29 0.64 0.00	23.29 0.69 0.00	20.64 0.54 0.00
ATHENS_STG_3 23677	15.12 0.51 0.00	16.07 0.52 0.00	15.94 0.54 0.00	12.22 0.41 0.00	10.32 0.32 0.00	11.14 0.33 0.00	15.75 0.49 0.00	20.09 0.61 0.00	19.93 0.59 0.00	16.97 0.53 0.00	20.34 0.66 0.00	21.47 0.71 0.00	22.92 0.78 0.00	24.05 0.86 0.00	24.57 0.92 0.00	22.85 0.90 0.00	21.80 0.86 0.00	21.03 0.91 0.00	20.77 0.89 0.00	20.54 0.82 0.00	19.96 0.68 0.00	21.29 0.64 0.00	23.29 0.69 0.00	20.64 0.54 0.00
AUBURN___LFGE 323710	14.67 0.06 0.00	15.61 0.06 0.00	15.48 0.08 0.00	11.81 0.00 0.00	10.00 0.00 -0.01	10.89 0.03 -0.05	15.38 0.12 0.00	19.68 0.20 0.00	19.47 0.14 0.00	16.60 0.16 0.00	19.86 0.18 0.00	20.92 0.15 0.00	22.21 0.07 0.00	23.23 0.04 0.00	23.76 0.12 0.00	21.96 0.01 0.00	20.93 0.00 0.00	20.24 0.12 0.00	19.96 0.09 0.00	19.87 0.15 0.00	19.42 0.13 0.00	20.64 0.00 0.00	22.56 -0.03 0.00	20.21 0.10 0.00
BABYLON_RES_REC 323704	15.88 1.27 0.00	16.86 1.31 0.00	16.67 1.28 0.00	12.71 0.89 0.00	10.72 0.73 0.00	11.60 0.79 0.00	16.51 1.25 0.00	20.97 1.49 0.00	20.80 1.47 0.00	17.69 1.24 0.00	21.40 1.72 0.00	22.70 1.94 0.00	24.22 2.08 0.00	25.33 2.15 0.00	25.97 2.33 0.00	24.24 2.28 0.00	23.13 2.20 0.00	22.39 2.27 0.00	22.03 2.15 0.00	21.71 1.98 0.00	20.99 1.71 0.00	22.43 1.78 0.00	24.70 2.10 0.00	21.82 1.72 0.00
BABYLON__69_KV_BK2 356345	16.04 1.43 0.00	17.04 1.50 0.00	16.86 1.46 0.00	12.83 1.02 0.00	10.83 0.84 0.00	11.72 0.91 0.00	16.69 1.43 0.00	21.18 1.70 0.00	21.00 1.67 0.00	17.84 1.40 0.00	21.61 1.92 0.00	22.94 2.18 0.00	24.47 2.33 0.00	25.61 2.42 0.00	26.26 2.62 0.00	24.51 2.55 0.00	23.39 2.46 0.00	22.65 2.54 0.00	22.29 2.41 0.00	21.96 2.23 0.00	21.23 1.94 0.00	22.68 2.03 0.00	24.99 2.39 0.00	22.06 1.96 0.00
BALL_HILL_WT_PWR 323825	14.15 -0.47 0.00	15.16 -0.38 0.00	15.10 -0.30 0.00	11.53 -0.28 0.00	9.57 -0.36 0.06	10.22 -0.30 0.29	14.98 -0.28 0.00	19.21 -0.27 0.00	19.14 -0.20 0.00	16.22 -0.23 0.00	19.40 -0.28 0.00	20.38 -0.38 0.00	21.57 -0.57 0.00	22.54 -0.65 0.00	23.05 -0.60 0.00	21.34 -0.62 0.00	20.33 -0.61 0.00	19.47 -0.64 0.00	19.32 -0.55 0.00	19.25 -0.48 0.00	18.87 -0.41 0.00	20.12 -0.53 0.00	22.08 -0.52 0.00	19.58 -0.52 0.00
BARON_WINDS___WT_PWR 323822	14.17 -0.44 0.00	15.09 -0.45 0.00	15.10 -0.30 0.00	11.53 -0.29 0.00	9.57 -0.33 0.09	10.05 -0.28 0.48	14.99 -0.27 0.00	19.22 -0.27 0.00	19.15 -0.19 0.00	16.23 -0.21 0.00	19.30 -0.38 0.00	20.26 -0.51 0.00	21.46 -0.68 0.00	22.60 -0.59 0.00	23.15 -0.49 0.00	21.29 -0.67 0.00	20.37 -0.56 0.00	19.61 -0.51 0.00	19.44 -0.43 0.00	19.38 -0.35 0.00	18.96 -0.33 0.00	20.29 -0.36 0.00	22.24 -0.36 0.00	19.78 -0.33 0.00
BARRETT_IC_1 23704	15.74 1.13 0.00	16.69 1.14 0.00	16.49 1.09 0.00	12.58 0.77 0.00	10.62 0.63 0.00	11.48 0.67 0.00	16.32 1.06 0.00	20.73 1.24 0.00	20.55 1.21 0.00	17.52 1.08 0.00	21.25 1.57 0.00	22.54 1.78 0.00	24.06 1.92 0.00	25.18 1.99 0.00	25.80 2.16 0.00	24.05 2.09 0.00	22.87 1.94 0.00	22.12 2.00 0.00	21.72 1.85 0.00	21.40 1.68 0.00	20.74 1.46 0.00	22.22 1.58 0.00	24.44 1.85 0.00	21.59 1.49 0.00
BARRETT_IC_10 23701	15.74 1.13 0.00	16.69 1.14 0.00	16.49 1.09 0.00	12.58 0.77 0.00	10.62 0.63 0.00	11.48 0.67 0.00	16.32 1.06 0.00	20.73 1.24 0.00	20.55 1.21 0.00	17.52 1.08 0.00	21.25 1.57 0.00	22.54 1.78 0.00	24.06 1.92 0.00	25.18 1.99 0.00	25.80 2.16 0.00	24.05 2.09 0.00	22.87 1.94 0.00	22.12 2.00 0.00	21.72 1.85 0.00	21.40 1.68 0.00	20.74 1.46 0.00	22.22 1.58 0.00	24.44 1.85 0.00	21.59 1.49 0.00
BARRETT_IC_11 23702	15.74 1.13 0.00	16.69 1.14 0.00	16.49 1.09 0.00	12.58 0.77 0.00	10.62 0.63 0.00	11.48 0.67 0.00	16.32 1.06 0.00	20.73 1.24 0.00	20.55 1.21 0.00	17.52 1.08 0.00	21.25 1.57 0.00	22.54 1.78 0.00	24.06 1.92 0.00	25.18 1.99 0.00	25.80 2.16 0.00	24.05 2.09 0.00	22.87 1.94 0.00	22.12 2.00 0.00	21.72 1.85 0.00	21.40 1.68 0.00	20.74 1.46 0.00	22.22 1.58 0.00	24.44 1.85 0.00	21.59 1.49 0.00
BARRETT_IC_12 23703	15.74 1.13 0.00	16.69 1.14 0.00	16.49 1.09 0.00	12.58 0.77 0.00	10.62 0.63 0.00	11.48 0.67 0.00	16.32 1.06 0.00	20.73 1.24 0.00	20.55 1.21 0.00	17.52 1.08 0.00	21.25 1.57 0.00	22.54 1.78 0.00	24.06 1.92 0.00	25.18 1.99 0.00	25.80 2.16 0.00	24.05 2.09 0.00	22.87 1.94 0.00	22.12 2.00 0.00	21.72 1.85 0.00	21.40 1.68 0.00	20.74 1.46 0.00	22.22 1.58 0.00	24.44 1.85 0.00	21.59 1.49 0.00
BARRETT_IC_2 23705	15.74 1.13 0.00	16.69 1.14 0.00	16.49 1.09 0.00	12.58 0.77 0.00	10.62 0.63 0.00	11.48 0.67 0.00	16.32 1.06 0.00	20.73 1.24 0.00	20.55 1.21 0.00	17.52 1.08 0.00	21.25 1.57 0.00	22.54 1.78 0.00	24.06 1.92 0.00	25.18 1.99 0.00	25.80 2.16 0.00	24.05 2.09 0.00	22.87 1.94 0.00	22.12 2.00 0.00	21.72 1.85 0.00	21.40 1.68 0.00	20.74 1.46 0.00	22.22 1.58 0.00	24.44 1.85 0.00	21.59 1.49 0.00
BARRETT_IC_3 23706	15.74 1.13 0.00	16.69 1.14 0.00	16.49 1.09 0.00	12.58 0.77 0.00	10.62 0.63 0.00	11.48 0.67 0.00	16.32 1.06 0.00	20.73 1.24 0.00	20.55 1.21 0.00	17.52 1.08 0.00	21.25 1.57 0.00	22.54 1.78 0.00	24.06 1.92 0.00	25.18 1.99 0.00	25.80 2.16 0.00	24.05 2.09 0.00	22.87 1.94 0.00	22.12 2.00 0.00	21.72 1.85 0.00	21.40 1.68 0.00	20.74 1.46 0.00	22.22 1.58 0.00	24.44 1.85 0.00	21.59 1.49 0.00
BARRETT_IC_4 23707	15.74 1.13 0.00	16.69 1.14 0.00	16.49 1.09 0.00	12.58 0.77 0.00	10.62 0.63 0.00	11.48 0.67 0.00	16.32 1.06 0.00	20.73 1.24 0.00	20.55 1.21 0.00	17.52 1.08 0.00	21.25 1.57 0.00	22.54 1.78 0.00	24.06 1.92 0.00	25.18 1.99 0.00	25.80 2.16 0.00	24.05 2.09 0.00	22.87 1.94 0.00	22.12 2.00 0.00	21.72 1.85 0.00	21.40 1.68 0.00	20.74 1.46 0.00	22.22 1.58 0.00	24.44 1.85 0.00	21.59 1.49 0.00

BARRETT_IC_5 23708	15.74 1.13 0.00	16.69 1.14 0.00	16.49 1.09 0.00	12.58 0.77 0.00	10.62 0.63 0.00	11.48 0.67 0.00	16.32 1.06 0.00	20.73 1.24 0.00	20.55 1.21 0.00	17.52 1.08 0.00	21.25 1.57 0.00	22.54 1.78 0.00	24.06 1.92 0.00	25.18 1.99 0.00	25.80 2.16 0.00	24.05 2.09 0.00	22.87 1.94 0.00	22.12 2.00 0.00	21.72 1.85 0.00	21.40 1.68 0.00	20.74 1.46 0.00	22.22 1.58 0.00	24.44 1.85 0.00	21.59 1.49 0.00
BARRETT_IC_6 23709	15.74 1.13 0.00	16.69 1.14 0.00	16.49 1.09 0.00	12.58 0.77 0.00	10.62 0.63 0.00	11.48 0.67 0.00	16.32 1.06 0.00	20.73 1.24 0.00	20.55 1.21 0.00	17.52 1.08 0.00	21.25 1.57 0.00	22.54 1.78 0.00	24.06 1.92 0.00	25.18 1.99 0.00	25.80 2.16 0.00	24.05 2.09 0.00	22.87 1.94 0.00	22.12 2.00 0.00	21.72 1.85 0.00	21.40 1.68 0.00	20.74 1.46 0.00	22.22 1.58 0.00	24.44 1.85 0.00	21.59 1.49 0.00
BARRETT_IC_7 23710	15.74 1.13 0.00	16.69 1.14 0.00	16.49 1.09 0.00	12.58 0.77 0.00	10.62 0.63 0.00	11.48 0.67 0.00	16.32 1.06 0.00	20.73 1.24 0.00	20.55 1.21 0.00	17.52 1.08 0.00	21.26 1.57 0.00	22.54 1.78 0.00	24.06 1.92 0.00	25.18 1.99 0.00	25.80 2.16 0.00	24.05 2.09 0.00	22.87 1.94 0.00	22.12 2.00 0.00	21.72 1.85 0.00	21.40 1.68 0.00	20.74 1.46 0.00	22.22 1.58 0.00	24.44 1.85 0.00	21.59 1.49 0.00
BARRETT_IC_8 23711	15.74 1.13 0.00	16.69 1.14 0.00	16.49 1.09 0.00	12.58 0.77 0.00	10.62 0.63 0.00	11.48 0.67 0.00	16.32 1.06 0.00	20.73 1.24 0.00	20.55 1.21 0.00	17.52 1.08 0.00	21.25 1.57 0.00	22.54 1.78 0.00	24.06 1.92 0.00	25.18 1.99 0.00	25.80 2.16 0.00	24.05 2.09 0.00	22.87 1.94 0.00	22.12 2.00 0.00	21.72 1.85 0.00	21.40 1.68 0.00	20.74 1.46 0.00	22.22 1.58 0.00	24.44 1.85 0.00	21.59 1.49 0.00
BARRETT_IC_9 23700	15.74 1.13 0.00	16.69 1.14 0.00	16.49 1.09 0.00	12.58 0.77 0.00	10.62 0.63 0.00	11.48 0.67 0.00	16.32 1.06 0.00	20.73 1.24 0.00	20.55 1.21 0.00	17.52 1.08 0.00	21.25 1.57 0.00	22.54 1.78 0.00	24.06 1.92 0.00	25.18 1.99 0.00	25.80 2.16 0.00	24.05 2.09 0.00	22.87 1.94 0.00	22.12 2.00 0.00	21.72 1.85 0.00	21.40 1.68 0.00	20.74 1.46 0.00	22.22 1.58 0.00	24.44 1.85 0.00	21.59 1.49 0.00
BARRETT___1 23545	15.74 1.13 0.00	16.69 1.14 0.00	16.49 1.09 0.00	12.58 0.77 0.00	10.62 0.63 0.00	11.48 0.67 0.00	16.32 1.06 0.00	20.73 1.24 0.00	20.55 1.21 0.00	17.52 1.08 0.00	21.25 1.57 0.00	22.54 1.78 0.00	24.06 1.92 0.00	25.18 1.99 0.00	25.80 2.16 0.00	24.05 2.09 0.00	22.87 1.94 0.00	22.12 2.00 0.00	21.72 1.85 0.00	21.40 1.68 0.00	20.74 1.46 0.00	22.22 1.58 0.00	24.44 1.85 0.00	21.59 1.49 0.00
BARRETT___2 23546	15.74 1.13 0.00	16.69 1.14 0.00	16.49 1.09 0.00	12.58 0.77 0.00	10.62 0.63 0.00	11.48 0.67 0.00	16.32 1.06 0.00	20.73 1.24 0.00	20.55 1.21 0.00	17.52 1.08 0.00	21.25 1.57 0.00	22.54 1.78 0.00	24.06 1.92 0.00	25.18 1.99 0.00	25.80 2.16 0.00	24.05 2.09 0.00	22.87 1.94 0.00	22.12 2.00 0.00	21.72 1.85 0.00	21.40 1.68 0.00	20.74 1.46 0.00	22.22 1.58 0.00	24.44 1.85 0.00	21.59 1.49 0.00
BATAVIA___115KV_TB1 55881	14.38 -0.23 0.00	15.37 -0.17 0.00	15.29 -0.11 0.00	11.68 -0.14 0.00	9.71 -0.25 0.04	10.47 -0.14 0.21	15.16 -0.10 0.00	19.49 0.00 0.00	19.45 0.12 0.00	16.49 0.04 0.00	19.70 0.02 0.00	20.72 -0.04 0.00	22.01 -0.13 0.00	22.98 -0.21 0.00	23.46 -0.18 0.00	21.68 -0.27 0.00	20.57 -0.36 0.00	19.72 -0.40 0.00	19.53 -0.35 0.00	19.50 -0.23 0.00	19.15 -0.13 0.00	20.40 -0.24 0.00	22.33 -0.27 0.00	19.74 -0.36 0.00
BAYONEEC___CTG1 323682	15.66 1.05 0.00	16.55 1.00 0.00	16.38 0.98 0.00	12.56 0.75 0.00	10.58 0.59 0.00	11.43 0.62 0.00	16.22 0.96 0.00	20.75 1.27 0.00	20.66 1.32 0.00	17.64 1.19 0.00	21.15 1.47 0.00	22.40 1.64 0.00	23.92 1.78 0.00	25.14 1.95 0.00	25.80 2.16 0.00	24.08 2.13 0.00	22.94 2.01 0.00	22.14 2.02 0.00	21.81 1.94 0.00	21.48 1.76 0.00	20.79 1.51 0.00	22.15 1.51 0.00	24.20 1.61 0.00	21.39 1.29 0.00
BAYONEEC___CTG10 323750	15.66 1.05 0.00	16.55 1.00 0.00	16.38 0.98 0.00	12.56 0.75 0.00	10.58 0.59 0.00	11.43 0.62 0.00	16.22 0.96 0.00	20.75 1.27 0.00	20.66 1.32 0.00	17.64 1.19 0.00	21.15 1.47 0.00	22.40 1.64 0.00	23.92 1.78 0.00	25.14 1.95 0.00	25.80 2.16 0.00	24.08 2.13 0.00	22.94 2.01 0.00	22.14 2.02 0.00	21.81 1.94 0.00	21.48 1.76 0.00	20.79 1.51 0.00	22.15 1.51 0.00	24.20 1.61 0.00	21.39 1.29 0.00
BAYONEEC___CTG2 323683	15.66 1.05 0.00	16.55 1.00 0.00	16.38 0.98 0.00	12.56 0.75 0.00	10.58 0.59 0.00	11.43 0.62 0.00	16.22 0.96 0.00	20.75 1.27 0.00	20.66 1.32 0.00	17.64 1.19 0.00	21.15 1.47 0.00	22.40 1.64 0.00	23.92 1.78 0.00	25.14 1.95 0.00	25.80 2.16 0.00	24.08 2.13 0.00	22.94 2.01 0.00	22.14 2.02 0.00	21.81 1.94 0.00	21.48 1.76 0.00	20.79 1.51 0.00	22.15 1.51 0.00	24.20 1.61 0.00	21.39 1.29 0.00
BAYONEEC___CTG3 323684	15.66 1.05 0.00	16.55 1.00 0.00	16.38 0.98 0.00	12.56 0.75 0.00	10.58 0.59 0.00	11.43 0.62 0.00	16.22 0.96 0.00	20.75 1.27 0.00	20.66 1.32 0.00	17.64 1.19 0.00	21.15 1.47 0.00	22.40 1.64 0.00	23.92 1.78 0.00	25.14 1.95 0.00	25.80 2.16 0.00	24.08 2.13 0.00	22.94 2.01 0.00	22.14 2.02 0.00	21.81 1.94 0.00	21.48 1.76 0.00	20.79 1.51 0.00	22.15 1.51 0.00	24.20 1.61 0.00	21.39 1.29 0.00
BAYONEEC___CTG4 323685	15.66 1.05 0.00	16.55 1.00 0.00	16.38 0.98 0.00	12.56 0.75 0.00	10.58 0.59 0.00	11.43 0.62 0.00	16.22 0.96 0.00	20.75 1.27 0.00	20.66 1.32 0.00	17.64 1.19 0.00	21.15 1.47 0.00	22.40 1.64 0.00	23.92 1.78 0.00	25.14 1.95 0.00	25.80 2.16 0.00	24.08 2.13 0.00	22.94 2.01 0.00	22.14 2.02 0.00	21.81 1.94 0.00	21.48 1.76 0.00	20.79 1.51 0.00	22.15 1.51 0.00	24.20 1.61 0.00	21.39 1.29 0.00
BAYONEEC___CTG5 323686	15.66 1.05 0.00	16.55 1.00 0.00	16.38 0.98 0.00	12.56 0.75 0.00	10.58 0.59 0.00	11.43 0.62 0.00	16.22 0.96 0.00	20.75 1.27 0.00	20.66 1.32 0.00	17.64 1.19 0.00	21.15 1.47 0.00	22.40 1.64 0.00	23.92 1.78 0.00	25.14 1.95 0.00	25.80 2.16 0.00	24.08 2.13 0.00	22.94 2.01 0.00	22.14 2.02 0.00	21.81 1.94 0.00	21.48 1.76 0.00	20.79 1.51 0.00	22.15 1.51 0.00	24.20 1.61 0.00	21.39 1.29 0.00
BAYONEEC___CTG6 323687	15.66 1.05 0.00	16.55 1.00 0.00	16.38 0.98 0.00	12.56 0.75 0.00	10.58 0.59 0.00	11.43 0.62 0.00	16.22 0.96 0.00	20.75 1.27 0.00	20.66 1.32 0.00	17.64 1.19 0.00	21.15 1.47 0.00	22.40 1.64 0.00	23.92 1.78 0.00	25.14 1.95 0.00	25.80 2.16 0.00	24.08 2.13 0.00	22.94 2.01 0.00	22.14 2.02 0.00	21.81 1.94 0.00	21.48 1.76 0.00	20.79 1.51 0.00	22.15 1.51 0.00	24.20 1.61 0.00	21.39 1.29 0.00

BAYONEEC___CTG7 323688	15.66 1.05 0.00	16.55 1.00 0.00	16.38 0.98 0.00	12.56 0.75 0.00	10.58 0.59 0.00	11.43 0.62 0.00	16.22 0.96 0.00	20.75 1.27 0.00	20.66 1.32 0.00	17.64 1.19 0.00	21.15 1.47 0.00	22.40 1.64 0.00	23.92 1.78 0.00	25.14 1.95 0.00	25.80 2.16 0.00	24.08 2.13 0.00	22.94 2.01 0.00	22.14 2.02 0.00	21.81 1.94 0.00	21.48 1.76 0.00	20.79 1.51 0.00	22.15 1.51 0.00	24.20 1.61 0.00	21.39 1.29 0.00
BAYONEEC___CTG8 323689	15.66 1.05 0.00	16.55 1.00 0.00	16.38 0.98 0.00	12.56 0.75 0.00	10.58 0.59 0.00	11.43 0.62 0.00	16.22 0.96 0.00	20.75 1.27 0.00	20.66 1.32 0.00	17.64 1.19 0.00	21.15 1.47 0.00	22.40 1.64 0.00	23.92 1.78 0.00	25.14 1.95 0.00	25.80 2.16 0.00	24.08 2.13 0.00	22.94 2.01 0.00	22.14 2.02 0.00	21.81 1.94 0.00	21.48 1.76 0.00	20.79 1.51 0.00	22.15 1.51 0.00	24.20 1.61 0.00	21.39 1.29 0.00
BAYONEEC___CTG9 323749	15.66 1.05 0.00	16.55 1.00 0.00	16.38 0.98 0.00	12.56 0.75 0.00	10.58 0.59 0.00	11.43 0.62 0.00	16.22 0.96 0.00	20.75 1.27 0.00	20.66 1.32 0.00	17.64 1.19 0.00	21.15 1.47 0.00	22.40 1.64 0.00	23.92 1.78 0.00	25.14 1.95 0.00	25.80 2.16 0.00	24.08 2.13 0.00	22.94 2.01 0.00	22.14 2.02 0.00	21.81 1.94 0.00	21.48 1.76 0.00	20.79 1.51 0.00	22.15 1.51 0.00	24.20 1.61 0.00	21.39 1.29 0.00
BEACON___LESR 323632	15.18 0.57 0.00	16.14 0.59 0.00	16.01 0.61 0.00	12.30 0.49 0.00	10.39 0.40 0.00	11.25 0.44 0.00	15.88 0.62 0.00	20.07 0.59 0.00	19.85 0.52 0.00	16.88 0.43 0.00	20.26 0.58 0.00	21.32 0.56 0.00	22.84 0.70 0.00	23.99 0.81 0.00	24.36 0.72 0.00	22.67 0.72 0.00	21.69 0.76 0.00	20.96 0.84 0.00	20.74 0.86 0.00	20.61 0.88 0.00	19.98 0.70 0.00	21.35 0.71 0.00	23.34 0.74 0.00	20.66 0.56 0.00
BEAVER RIVER___HYD 24048	14.25 -0.36 0.00	15.21 -0.34 0.00	15.09 -0.31 0.00	11.68 -0.14 0.00	9.97 -0.02 0.00	10.82 0.01 0.00	15.27 0.01 0.00	19.56 0.07 0.00	19.29 -0.04 0.00	16.35 -0.10 0.00	19.85 0.17 0.00	21.12 0.35 0.00	22.56 0.42 0.00	23.52 0.34 0.00	23.90 0.26 0.00	21.99 0.04 0.00	20.23 0.17 0.88	20.30 0.18 0.00	20.15 0.27 0.00	20.10 0.38 0.00	19.68 0.40 0.00	21.15 0.51 0.00	23.12 0.53 0.00	20.52 0.42 0.00
BEEBEE_GT_13 23619	14.31 -0.30 0.00	15.28 -0.27 0.00	15.18 -0.22 0.00	11.61 -0.20 0.00	9.69 -0.27 0.03	10.45 -0.21 0.16	15.03 -0.23 0.00	19.24 -0.24 0.00	19.17 -0.16 0.00	16.29 -0.16 0.00	19.51 -0.17 0.00	20.55 -0.21 0.00	21.82 -0.32 0.00	22.78 -0.41 0.00	23.23 -0.41 0.00	21.50 -0.45 0.00	20.45 -0.48 0.00	19.63 -0.49 0.00	19.41 -0.46 0.00	19.34 -0.39 0.00	18.96 -0.32 0.00	20.21 -0.44 0.00	22.11 -0.48 0.00	19.63 -0.48 0.00
BENSHRST_27_KV_BENSHRST_1 355998	15.83 1.22 0.00	16.71 1.17 0.00	16.58 1.17 0.00	12.74 0.91 -0.01	10.73 0.73 -0.01	11.60 0.78 -0.01	16.37 1.10 0.00	20.95 1.47 0.00	20.85 1.52 0.00	17.80 1.35 0.00	21.33 1.65 0.00	22.63 1.87 0.00	24.22 2.08 0.00	25.45 2.26 0.00	26.11 2.46 -0.01	24.37 2.40 -0.02	23.20 2.27 0.00	22.40 2.27 -0.01	22.06 2.18 0.00	21.75 2.01 -0.02	42.46 1.74 -21.43	37.38 1.74 -14.99	24.48 1.88 0.00	21.66 1.55 -0.01
BETHLEHEM___GRP 23843	15.01 0.40 0.00	15.97 0.43 0.00	15.86 0.47 0.00	12.18 0.37 0.00	10.29 0.30 0.00	11.10 0.29 0.00	15.64 0.38 0.00	19.78 0.30 0.00	19.56 0.22 0.00	16.65 0.20 0.00	19.96 0.27 0.00	21.03 0.27 0.00	22.47 0.33 0.00	23.56 0.37 0.00	24.01 0.37 0.00	22.33 0.38 0.00	21.32 0.39 0.00	20.58 0.46 0.00	20.35 0.47 0.00	20.23 0.51 0.00	19.64 0.36 0.00	20.95 0.31 0.00	22.97 0.37 0.00	20.37 0.26 0.00
BETHLEHEM___GS1 323560	15.01 0.40 0.00	15.97 0.43 0.00	15.86 0.47 0.00	12.18 0.37 0.00	10.29 0.30 0.00	11.10 0.29 0.00	15.64 0.38 0.00	19.78 0.30 0.00	19.56 0.22 0.00	16.65 0.20 0.00	19.96 0.27 0.00	21.03 0.27 0.00	22.47 0.33 0.00	23.56 0.37 0.00	24.01 0.37 0.00	22.33 0.37 0.00	21.32 0.39 0.00	20.58 0.46 0.00	20.35 0.47 0.00	20.23 0.51 0.00	19.64 0.36 0.00	20.95 0.31 0.00	22.97 0.37 0.00	20.37 0.26 0.00
BETHLEHEM___GS2 323561	15.01 0.40 0.00	15.97 0.43 0.00	15.86 0.47 0.00	12.18 0.37 0.00	10.29 0.30 0.00	11.10 0.29 0.00	15.64 0.38 0.00	19.78 0.30 0.00	19.56 0.22 0.00	16.65 0.20 0.00	19.96 0.27 0.00	21.03 0.27 0.00	22.47 0.33 0.00	23.56 0.37 0.00	24.01 0.37 0.00	22.33 0.37 0.00	21.32 0.39 0.00	20.58 0.46 0.00	20.35 0.47 0.00	20.23 0.51 0.00	19.64 0.36 0.00	20.95 0.31 0.00	22.97 0.37 0.00	20.37 0.26 0.00
BETHLEHEM___GS3 323562	15.01 0.40 0.00	15.97 0.43 0.00	15.86 0.47 0.00	12.18 0.37 0.00	10.29 0.30 0.00	11.10 0.29 0.00	15.64 0.38 0.00	19.78 0.30 0.00	19.56 0.22 0.00	16.65 0.20 0.00	19.96 0.27 0.00	21.03 0.27 0.00	22.47 0.33 0.00	23.56 0.37 0.00	24.01 0.37 0.00	22.33 0.37 0.00	21.32 0.39 0.00	20.58 0.46 0.00	20.35 0.47 0.00	20.23 0.51 0.00	19.64 0.36 0.00	20.95 0.31 0.00	22.97 0.37 0.00	20.37 0.26 0.00
BETHLEHEM___STEEL 23779	14.16 -0.45 0.00	15.17 -0.38 0.00	15.11 -0.29 0.00	11.52 -0.29 0.00	9.56 -0.38 0.05	10.23 -0.30 0.28	14.93 -0.33 0.00	19.16 -0.33 0.00	19.09 -0.25 0.00	16.17 -0.28 0.00	19.35 -0.34 0.00	20.32 -0.44 0.00	21.56 -0.58 0.00	22.54 -0.65 0.00	23.01 -0.63 0.00	21.26 -0.69 0.00	20.20 -0.73 0.00	19.34 -0.77 0.00	19.17 -0.70 0.00	19.14 -0.58 0.00	18.79 -0.49 0.00	20.04 -0.60 0.00	21.99 -0.60 0.00	19.47 -0.64 0.00
BETHLHEM_115KV_TB1 79974	15.01 0.40 0.00	15.97 0.43 0.00	15.86 0.46 0.00	12.18 0.37 0.00	10.28 0.29 0.00	11.10 0.29 0.00	15.65 0.39 0.00	19.82 0.34 0.00	19.60 0.27 0.00	16.68 0.24 0.00	20.00 0.32 0.00	21.08 0.32 0.00	22.52 0.38 0.00	23.62 0.43 0.00	24.08 0.43 0.00	22.39 0.44 0.00	21.38 0.45 0.00	20.63 0.51 0.00	20.40 0.52 0.00	20.26 0.53 0.00	19.68 0.40 0.00	20.99 0.35 0.00	23.00 0.41 0.00	20.40 0.30 0.00
BETHPAGE_CC_5 323564	15.81 1.20 0.00	16.77 1.23 0.00	16.59 1.19 0.00	12.65 0.84 0.00	10.68 0.69 0.00	11.55 0.73 0.00	16.43 1.17 0.00	20.89 1.41 0.00	20.73 1.39 0.00	17.64 1.19 0.00	21.30 1.62 0.00	22.57 1.81 0.00	24.09 1.95 0.00	25.22 2.03 0.00	25.86 2.21 0.00	24.10 2.15 0.00	22.97 2.04 0.00	22.22 2.11 0.00	21.86 1.98 0.00	21.53 1.81 0.00	20.83 1.55 0.00	22.26 1.62 0.00	24.56 1.97 0.00	21.71 1.61 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	14.21 -0.40 0.00	15.21 -0.34 0.00	15.15 -0.25 0.00	11.56 -0.25 0.00	9.59 -0.35 0.05	10.26 -0.27 0.29	14.98 -0.28 0.00	19.22 -0.26 0.00	19.16 -0.18 0.00	16.22 -0.22 0.00	19.41 -0.27 0.00	20.41 -0.36 0.00	21.64 -0.50 0.00	22.63 -0.56 0.00	23.11 -0.54 0.00	21.35 -0.61 0.00	20.28 -0.65 0.00	19.43 -0.69 0.00	19.26 -0.62 0.00	19.23 -0.50 0.00	18.86 -0.42 0.00	20.12 -0.52 0.00	22.07 -0.52 0.00	19.54 -0.57 0.00

BINGHAMTON___COGEN 23790	14.61 0.00 0.00	15.54 0.00 0.00	15.43 0.03 0.00	11.80 -0.01 0.00	9.97 -0.04 -0.01	10.85 -0.01 -0.05	15.34 0.08 0.00	19.60 0.12 0.00	19.50 0.16 0.00	16.63 0.18 0.00	19.89 0.21 0.00	20.96 0.20 0.00	22.32 0.18 0.00	23.41 0.22 0.00	23.92 0.28 0.00	22.16 0.21 0.00	21.12 0.18 0.00	20.35 0.23 0.00	20.13 0.25 0.00	19.94 0.22 0.00	19.43 0.15 0.00	20.74 0.09 0.00	22.69 0.10 0.00	20.20 0.10 0.00
BIXINCNT_115KV_LOAD 355685	14.19 -0.42 0.00	15.24 -0.30 0.00	15.19 -0.21 0.00	11.62 -0.19 0.00	9.63 -0.30 0.06	10.26 -0.24 0.31	15.06 -0.20 0.00	19.40 -0.08 0.00	19.29 -0.05 0.00	16.25 -0.20 0.00	19.36 -0.32 0.00	20.39 -0.37 0.00	21.61 -0.53 0.00	22.70 -0.48 0.00	23.23 -0.41 0.00	21.41 -0.54 0.00	20.24 -0.69 0.00	19.53 -0.58 0.00	19.48 -0.40 0.00	19.46 -0.26 0.00	19.08 -0.20 0.00	20.33 -0.31 0.00	22.38 -0.22 0.00	19.84 -0.27 0.00
BLACK RIVER___HYD 24047	14.18 -0.43 0.00	15.14 -0.41 0.00	15.03 -0.37 0.00	11.61 -0.20 0.00	9.92 -0.07 0.00	10.79 -0.02 0.00	15.24 -0.02 0.00	19.55 0.07 0.00	19.27 -0.06 0.00	16.35 -0.09 0.00	19.94 0.25 0.00	21.26 0.49 0.00	22.64 0.51 0.00	23.56 0.37 0.00	23.97 0.33 0.00	21.95 -0.01 0.00	20.57 0.24 0.60	20.38 0.26 0.00	20.25 0.38 0.00	20.21 0.49 0.00	19.78 0.50 0.00	21.22 0.57 0.00	23.15 0.55 0.00	20.55 0.44 0.00
BLACKRVR_115KV_TB2 79977	14.18 -0.43 0.00	15.14 -0.41 0.00	15.03 -0.37 0.00	11.61 -0.20 0.00	9.92 -0.07 0.00	10.79 -0.02 0.00	15.24 -0.02 0.00	19.55 0.07 0.00	19.28 -0.06 0.00	16.35 -0.09 0.00	19.93 0.25 0.00	21.26 0.50 0.00	22.64 0.51 0.00	23.56 0.37 0.00	23.97 0.33 0.00	21.95 -0.01 0.00	20.56 0.24 0.60	20.38 0.26 0.00	20.25 0.38 0.00	20.21 0.49 0.00	19.78 0.50 0.00	21.22 0.57 0.00	23.15 0.55 0.00	20.55 0.44 0.00
BLISS_WT_PWR 323608	14.14 -0.47 0.00	15.20 -0.34 0.00	15.16 -0.24 0.00	11.60 -0.21 0.00	9.61 -0.32 0.06	10.23 -0.27 0.31	15.02 -0.24 0.00	19.37 -0.11 0.00	19.24 -0.09 0.00	16.18 -0.26 0.00	19.28 -0.40 0.00	20.31 -0.46 0.00	21.51 -0.63 0.00	22.64 -0.55 0.00	23.16 -0.48 0.00	21.33 -0.63 0.00	20.15 -0.78 0.00	19.46 -0.66 0.00	19.44 -0.44 0.00	19.44 -0.29 0.00	19.08 -0.20 0.00	20.32 -0.32 0.00	22.38 -0.22 0.00	19.84 -0.27 0.00
BLUESTONE___WT_PWR 323821	14.85 0.24 0.00	15.54 -0.01 0.00	15.52 0.12 0.00	11.99 0.17 0.00	10.08 0.05 -0.04	11.14 0.15 -0.18	15.73 0.47 0.00	20.10 0.62 0.00	20.11 0.77 0.00	17.10 0.65 0.00	20.54 0.86 0.00	21.52 0.76 0.00	22.93 0.79 0.00	24.18 0.99 0.00	24.78 1.13 0.00	23.06 1.10 0.00	21.90 0.96 0.00	21.16 1.04 0.00	20.85 0.98 0.00	20.68 0.95 0.00	20.08 0.80 0.00	21.44 0.80 0.00	23.33 0.74 0.00	20.79 0.68 0.00
BLUE_CIRC_CHEM_DRP 24182	15.12 0.51 0.00	16.10 0.56 0.00	15.99 0.59 0.00	12.27 0.45 0.00	10.37 0.38 0.00	11.20 0.38 0.00	15.78 0.52 0.00	20.00 0.52 0.00	19.74 0.41 0.00	16.77 0.32 0.00	20.11 0.43 0.00	21.19 0.43 0.00	22.66 0.52 0.00	23.74 0.55 0.00	24.25 0.61 0.00	22.56 0.60 0.00	21.55 0.61 0.00	20.79 0.67 0.00	20.57 0.69 0.00	20.42 0.69 0.00	19.87 0.58 0.00	21.18 0.54 0.00	23.20 0.60 0.00	20.59 0.49 0.00
BOC_GAS_DRP 24189	14.99 0.38 0.00	15.94 0.40 0.00	15.82 0.42 0.00	12.14 0.32 0.00	10.25 0.26 0.00	11.07 0.25 0.00	15.63 0.37 0.00	19.89 0.40 0.00	19.71 0.37 0.00	16.78 0.33 0.00	20.09 0.41 0.00	21.21 0.44 0.00	22.64 0.50 0.00	23.74 0.55 0.00	24.23 0.58 0.00	22.54 0.58 0.00	21.51 0.57 0.00	20.74 0.62 0.00	20.49 0.61 0.00	20.30 0.58 0.00	19.74 0.46 0.00	21.07 0.42 0.00	23.06 0.46 0.00	20.47 0.36 0.00
BOONVILLE_115KV_TB1 79983	14.63 0.01 0.00	15.58 0.04 0.00	15.44 0.04 0.00	11.89 0.08 0.00	10.10 0.11 0.00	10.96 0.14 0.00	15.51 0.25 0.00	19.83 0.35 0.00	19.65 0.31 0.00	16.69 0.24 0.00	20.10 0.42 0.00	21.28 0.52 0.00	22.73 0.59 0.00	23.77 0.58 0.00	24.18 0.53 0.00	22.39 0.44 0.00	21.20 0.49 0.22	20.62 0.50 0.00	20.41 0.53 0.00	20.30 0.57 0.00	19.83 0.55 0.00	21.23 0.59 0.00	23.20 0.60 0.00	20.59 0.49 0.00
BORALEX_4TH_BRANCH 23824	15.45 0.84 0.00	16.50 0.95 0.00	16.40 1.00 0.00	12.59 0.78 0.00	10.64 0.65 0.00	11.46 0.64 0.00	16.16 0.90 0.00	20.51 1.03 0.00	20.09 0.76 0.00	17.00 0.56 0.00	20.38 0.70 0.00	21.44 0.68 0.00	22.99 0.85 0.00	24.23 1.04 0.00	24.73 1.09 0.00	22.79 0.83 0.00	21.85 0.92 0.00	21.13 1.01 0.00	20.92 1.05 0.00	20.98 1.26 0.00	20.38 1.10 0.00	21.75 1.11 0.00	23.78 1.19 0.00	21.06 0.96 0.00
BOWLINE___1 23526	15.42 0.81 0.00	16.31 0.76 0.00	16.15 0.75 0.00	12.38 0.57 0.00	10.44 0.45 0.00	11.28 0.47 0.00	16.01 0.74 0.00	20.46 0.98 0.00	20.36 1.02 0.00	17.37 0.92 0.00	20.82 1.14 0.00	22.04 1.28 0.00	23.55 1.41 0.00	24.74 1.55 0.00	25.37 1.72 0.00	23.65 1.70 0.00	22.55 1.62 0.00	21.78 1.66 0.00	21.46 1.59 0.00	21.17 1.44 0.00	20.51 1.23 0.00	21.84 1.19 0.00	23.86 1.27 0.00	21.12 1.02 0.00
BOWLINE___2 23595	15.42 0.81 0.00	16.31 0.76 0.00	16.15 0.75 0.00	12.38 0.57 0.00	10.44 0.45 0.00	11.28 0.47 0.00	16.01 0.74 0.00	20.46 0.98 0.00	20.36 1.02 0.00	17.37 0.92 0.00	20.82 1.14 0.00	22.05 1.28 0.00	23.55 1.41 0.00	24.74 1.55 0.00	25.37 1.73 0.00	23.65 1.70 0.00	22.55 1.62 0.00	21.78 1.66 0.00	21.47 1.59 0.00	21.17 1.44 0.00	20.51 1.23 0.00	21.84 1.19 0.00	23.87 1.27 0.00	21.12 1.02 0.00
BRADY___115KV_TB2 356060	14.40 -0.21 0.00	15.38 -0.17 0.00	15.31 -0.09 0.00	11.80 -0.01 0.00	10.01 0.02 0.00	10.85 0.03 0.00	15.11 -0.15 0.00	19.34 -0.14 0.00	19.16 -0.18 0.00	16.16 -0.28 0.00	19.30 -0.38 0.00	20.36 -0.40 0.00	21.73 -0.41 0.00	22.67 -0.52 0.00	23.09 -0.56 0.00	21.38 -0.57 0.00	17.50 -0.55 2.88	19.49 -0.62 0.00	19.36 -0.52 0.00	19.30 -0.42 0.00	19.05 -0.23 0.00	20.56 -0.08 0.00	22.55 -0.05 0.00	20.00 -0.10 0.00
BRANSCOMB___SOLAR 323811	15.44 0.83 0.00	16.44 0.89 0.00	16.30 0.90 0.00	12.51 0.70 0.00	10.58 0.59 0.00	11.44 0.63 0.00	16.18 0.91 0.00	20.57 1.09 0.00	20.30 0.96 0.00	17.27 0.83 0.00	20.71 1.03 0.00	21.75 0.99 0.00	23.25 1.11 0.00	24.53 1.34 0.00	25.05 1.40 0.00	23.17 1.22 0.00	22.17 1.23 0.00	21.40 1.28 0.00	21.12 1.25 0.00	20.91 1.19 0.00	20.41 1.12 0.00	21.75 1.10 0.00	23.84 1.25 0.00	21.12 1.02 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	15.98 1.37 0.00	17.00 1.46 0.00	16.81 1.41 0.00	12.80 0.99 0.00	10.81 0.82 0.00	11.69 0.88 0.00	16.64 1.38 0.00	21.11 1.63 0.00	20.93 1.59 0.00	17.77 1.32 0.00	21.52 1.84 0.00	22.86 2.10 0.00	24.39 2.25 0.00	25.50 2.32 0.00	26.13 2.48 0.00	24.37 2.41 0.00	23.25 2.32 0.00	22.54 2.42 0.00	22.16 2.29 0.00	21.84 2.11 0.00	21.10 1.82 0.00	22.55 1.91 0.00	24.87 2.27 0.00	21.97 1.86 0.00



BRISTLHL_115KV_TB1 79998	14.38 -0.23 0.00	15.30 -0.24 0.00	15.17 -0.23 0.00	11.62 -0.19 0.00	9.81 -0.18 0.00	10.63 -0.18 0.00	15.04 -0.22 0.00	19.21 -0.27 0.00	19.08 -0.25 0.00	16.23 -0.21 0.00	19.42 -0.26 0.00	20.47 -0.29 0.00	21.81 -0.33 0.00	22.80 -0.39 0.00	23.21 -0.43 0.00	21.49 -0.46 0.00	20.51 -0.42 0.00	19.77 -0.34 0.00	19.56 -0.32 0.00	19.42 -0.31 0.00	18.96 -0.32 0.00	20.24 -0.40 0.00	22.15 -0.45 0.00	19.81 -0.29 0.00
BROOKHAVEN___DRP 24191	15.98 1.37 0.00	17.06 1.51 0.00	16.89 1.49 0.00	12.81 1.00 0.00	10.82 0.83 0.00	11.71 0.90 0.00	16.66 1.40 0.00	21.05 1.56 0.00	20.84 1.50 0.00	17.64 1.19 0.00	21.39 1.71 0.00	22.71 1.94 0.00	24.22 2.08 0.00	25.35 2.16 0.00	25.95 2.31 0.00	24.21 2.26 0.00	23.06 2.12 0.00	22.39 2.27 0.00	22.03 2.15 0.00	21.68 1.96 0.00	20.91 1.63 0.00	22.38 1.74 0.00	24.74 2.14 0.00	21.89 1.78 0.00
BROOKLYN_NAVY_YARD 23515	15.63 1.02 0.00	16.51 0.97 0.00	16.35 0.96 0.00	12.54 0.73 0.00	10.57 0.58 0.00	11.42 0.61 0.00	16.18 0.92 0.00	20.70 1.22 0.00	20.61 1.27 0.00	17.59 1.15 0.00	21.08 1.40 0.00	22.33 1.57 0.00	23.85 1.72 0.00	25.07 1.88 0.00	25.73 2.09 0.00	24.01 2.06 0.00	22.88 1.95 0.00	22.08 1.96 0.00	21.75 1.88 0.00	21.42 1.70 0.00	20.72 1.44 0.00	22.09 1.44 0.00	24.14 1.55 0.00	21.33 1.23 0.00
BROOKLYN___ARMY_DRP 323595	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
BROOKVLE_69_KV_TB1 55790	15.79 1.18 0.00	16.73 1.19 0.00	16.55 1.16 0.00	12.65 0.84 0.00	10.67 0.68 0.00	11.54 0.73 0.00	16.40 1.14 0.00	20.91 1.43 0.00	20.80 1.46 0.00	17.74 1.29 0.00	21.41 1.73 0.00	22.68 1.92 0.00	24.23 2.09 0.00	25.41 2.22 0.00	26.07 2.43 0.00	24.32 2.37 0.00	23.18 2.25 0.00	22.39 2.27 0.00	22.02 2.14 0.00	21.68 1.95 0.00	20.97 1.69 0.00	22.40 1.76 0.00	24.53 1.94 0.00	21.67 1.56 0.00
BROOME_2_LFGE 323671	14.61 0.00 0.00	15.54 0.00 0.00	15.43 0.03 0.00	11.80 -0.01 0.00	9.97 -0.04 -0.01	10.85 -0.01 -0.05	15.34 0.08 0.00	19.60 0.12 0.00	19.50 0.17 0.00	16.63 0.18 0.00	19.89 0.21 0.00	20.96 0.20 0.00	22.32 0.18 0.00	23.41 0.22 0.00	23.92 0.28 0.00	22.16 0.21 0.00	21.12 0.19 0.00	20.35 0.24 0.00	20.13 0.25 0.00	19.94 0.22 0.00	19.43 0.15 0.00	20.74 0.09 0.00	22.69 0.10 0.00	20.20 0.10 0.00
BROOME___LFGE 323600	14.61 0.00 0.00	15.54 0.00 0.00	15.43 0.03 0.00	11.80 -0.01 0.00	9.97 -0.04 -0.01	10.85 -0.01 -0.05	15.34 0.08 0.00	19.60 0.12 0.00	19.50 0.17 0.00	16.63 0.18 0.00	19.89 0.21 0.00	20.96 0.20 0.00	22.32 0.18 0.00	23.41 0.22 0.00	23.92 0.28 0.00	22.16 0.21 0.00	21.12 0.19 0.00	20.35 0.24 0.00	20.13 0.25 0.00	19.94 0.22 0.00	19.43 0.15 0.00	20.74 0.09 0.00	22.69 0.10 0.00	20.20 0.10 0.00
BROWNFLS_115KV_TB 3_5 80003	14.24 -0.36 0.00	15.18 -0.36 0.00	15.08 -0.32 0.00	11.66 -0.15 0.00	9.94 -0.05 0.00	10.77 -0.04 0.00	15.11 -0.15 0.00	19.35 -0.14 0.00	19.10 -0.24 0.00	16.16 -0.28 0.00	19.50 -0.18 0.00	20.68 -0.08 0.00	22.12 -0.02 0.00	23.08 -0.11 0.00	23.44 -0.21 0.00	21.59 -0.36 0.00	18.95 -0.32 1.67	19.77 -0.35 0.00	19.63 -0.25 0.00	19.57 -0.15 0.00	19.23 -0.05 0.00	20.73 0.08 0.00	22.76 0.17 0.00	20.22 0.11 0.00
BROWNSV1_27_KV_LOAD 356125	15.77 1.16 0.00	16.66 1.12 0.00	16.50 1.10 0.00	12.64 0.83 0.00	10.65 0.66 0.00	11.51 0.70 0.00	16.34 1.07 0.00	20.90 1.42 0.00	20.82 1.48 0.00	17.77 1.33 0.00	21.32 1.63 0.00	22.58 1.82 0.00	24.11 1.97 0.00	25.35 2.16 0.00	26.01 2.37 0.00	24.27 2.32 0.00	23.13 2.20 0.00	22.31 2.20 0.00	21.99 2.11 0.00	21.66 1.93 0.00	20.96 1.68 0.00	22.33 1.68 0.00	24.39 1.79 0.00	21.55 1.44 0.00
BURROWS___LYONSDAL 23803	14.50 -0.11 0.00	15.46 -0.09 0.00	15.32 -0.08 0.00	11.82 0.01 0.00	10.06 0.07 0.00	10.92 0.10 0.00	15.44 0.18 0.00	19.75 0.27 0.00	19.55 0.21 0.00	16.59 0.14 0.00	20.03 0.35 0.00	21.24 0.48 0.00	22.70 0.56 0.00	23.72 0.53 0.00	24.12 0.48 0.00	22.30 0.34 0.00	21.00 0.41 0.35	20.56 0.44 0.00	20.36 0.47 0.00	20.26 0.53 0.00	19.81 0.53 0.00	21.23 0.59 0.00	23.19 0.59 0.00	20.58 0.47 0.00
CAITHNESS_CC_1 323624	15.97 1.36 0.00	17.03 1.48 0.00	16.85 1.46 0.00	12.80 0.98 0.00	10.81 0.82 0.00	11.70 0.88 0.00	16.64 1.38 0.00	21.04 1.56 0.00	20.84 1.50 0.00	17.65 1.20 0.00	21.39 1.71 0.00	22.72 1.95 0.00	24.24 2.10 0.00	25.35 2.16 0.00	25.96 2.32 0.00	24.22 2.26 0.00	23.06 2.12 0.00	22.38 2.26 0.00	22.01 2.13 0.00	21.68 1.95 0.00	20.92 1.64 0.00	22.38 1.74 0.00	24.73 2.14 0.00	21.89 1.78 0.00
CALPINE BETH_PAGE_GT4 24209	15.82 1.21 0.00	16.79 1.24 0.00	16.60 1.20 0.00	12.66 0.85 0.00	10.69 0.70 0.00	11.56 0.75 0.00	16.45 1.18 0.00	20.91 1.43 0.00	20.75 1.42 0.00	17.66 1.22 0.00	21.32 1.64 0.00	22.60 1.84 0.00	24.12 1.98 0.00	25.25 2.06 0.00	25.88 2.24 0.00	24.09 2.14 0.00	22.97 2.04 0.00	22.22 2.10 0.00	21.85 1.98 0.00	21.53 1.80 0.00	20.82 1.54 0.00	22.26 1.62 0.00	24.59 1.99 0.00	21.73 1.63 0.00
CALPINE_BETH_PAGE_GT_4 323586	15.82 1.21 0.00	16.79 1.24 0.00	16.60 1.20 0.00	12.66 0.85 0.00	10.69 0.70 0.00	11.56 0.75 0.00	16.45 1.18 0.00	20.91 1.43 0.00	20.75 1.42 0.00	17.66 1.22 0.00	21.32 1.64 0.00	22.59 1.83 0.00	24.12 1.97 0.00	25.24 2.06 0.00	25.88 2.24 0.00	24.09 2.14 0.00	22.97 2.04 0.00	22.22 2.10 0.00	21.85 1.98 0.00	21.53 1.80 0.00	20.83 1.55 0.00	22.26 1.62 0.00	24.59 1.99 0.00	21.73 1.63 0.00
CALPINE_BP_GT1 23823	15.82 1.21 0.00	16.79 1.24 0.00	16.60 1.20 0.00	12.66 0.85 0.00	10.69 0.70 0.00	11.56 0.75 0.00	16.45 1.18 0.00	20.91 1.43 0.00	20.75 1.42 0.00	17.66 1.22 0.00	21.32 1.64 0.00	22.59 1.83 0.00	24.12 1.97 0.00	25.24 2.06 0.00	25.88 2.24 0.00	24.09 2.14 0.00	22.97 2.04 0.00	22.22 2.10 0.00	21.85 1.98 0.00	21.53 1.80 0.00	20.83 1.55 0.00	22.26 1.62 0.00	24.59 1.99 0.00	21.73 1.63 0.00
CALSPAN___DRP 24200	14.16 -0.45 0.00	15.17 -0.38 0.00	15.11 -0.29 0.00	11.52 -0.29 0.00	9.56 -0.38 0.05	10.23 -0.30 0.28	14.93 -0.33 0.00	19.16 -0.33 0.00	19.09 -0.25 0.00	16.17 -0.28 0.00	19.35 -0.34 0.00	20.32 -0.44 0.00	21.56 -0.58 0.00	22.54 -0.65 0.00	23.01 -0.63 0.00	21.26 -0.69 0.00	20.20 -0.73 0.00	19.34 -0.77 0.00	19.17 -0.70 0.00	19.14 -0.58 0.00	18.79 -0.49 0.00	20.04 -0.60 0.00	21.99 -0.60 0.00	19.47 -0.64 0.00

CALVERTON___SOLAR 323806	16.01 1.39 0.00	17.09 1.55 0.00	16.93 1.53 0.00	12.83 1.02 0.00	10.84 0.84 0.00	11.73 0.92 0.00	16.71 1.44 0.00	21.08 1.60 0.00	20.86 1.53 0.00	17.65 1.20 0.00	21.40 1.72 0.00	22.72 1.96 0.00	24.24 2.10 0.00	25.36 2.17 0.00	25.98 2.34 0.00	24.25 2.29 0.00	23.09 2.15 0.00	22.43 2.31 0.00	22.07 2.19 0.00	21.73 2.00 0.00	20.92 1.64 0.00	22.38 1.74 0.00	24.76 2.16 0.00	21.91 1.81 0.00
CANDIGU_WT_PWR 323617	14.17 -0.44 0.00	15.09 -0.45 0.00	15.10 -0.30 0.00	11.53 -0.29 0.00	9.57 -0.33 0.09	10.05 -0.28 0.48	14.99 -0.27 0.00	19.22 -0.27 0.00	19.15 -0.19 0.00	16.23 -0.21 0.00	19.30 -0.38 0.00	20.26 -0.51 0.00	21.46 -0.68 0.00	22.60 -0.59 0.00	23.15 -0.49 0.00	21.29 -0.67 0.00	20.37 -0.56 0.00	19.61 -0.51 0.00	19.44 -0.43 0.00	19.38 -0.35 0.00	18.96 -0.33 0.00	20.29 -0.36 0.00	22.24 -0.36 0.00	19.78 -0.33 0.00
CARR STREET_E_SYR 24060	14.48 -0.13 0.00	15.41 -0.14 0.00	15.28 -0.12 0.00	11.70 -0.11 0.00	9.88 -0.11 0.00	10.70 -0.11 0.00	15.15 -0.11 0.00	19.34 -0.14 0.00	19.23 -0.11 0.00	16.37 -0.08 0.00	19.59 -0.09 0.00	20.64 -0.12 0.00	21.99 -0.15 0.00	23.01 -0.18 0.00	23.42 -0.23 0.00	21.72 -0.24 0.00	20.71 -0.22 0.00	19.94 -0.17 0.00	19.71 -0.17 0.00	19.56 -0.17 0.00	19.10 -0.19 0.00	20.37 -0.27 0.00	22.30 -0.29 0.00	19.93 -0.17 0.00
CARTHAGE___PAPER 23857	14.29 -0.32 0.00	15.25 -0.29 0.00	15.14 -0.26 0.00	11.71 -0.10 0.00	10.00 0.01 0.00	10.87 0.05 0.00	15.35 0.08 0.00	19.67 0.18 0.00	19.39 0.05 0.00	16.43 -0.01 0.00	19.99 0.31 0.00	21.29 0.53 0.00	22.70 0.56 0.00	23.65 0.46 0.00	24.05 0.41 0.00	22.09 0.14 0.00	20.54 0.31 0.71	20.44 0.32 0.00	20.30 0.42 0.00	20.25 0.53 0.00	19.84 0.56 0.00	21.30 0.66 0.00	23.26 0.66 0.00	20.63 0.53 0.00
CASSADAGA_WT_PWR 323784	14.18 -0.43 0.00	15.28 -0.26 0.00	15.25 -0.15 0.00	11.67 -0.14 0.00	9.68 -0.26 0.06	10.31 -0.20 0.30	15.24 -0.02 0.00	19.61 0.12 0.00	19.51 0.17 0.00	16.46 0.02 0.00	19.71 0.03 0.00	20.70 -0.07 0.00	21.85 -0.28 0.00	22.81 -0.38 0.00	23.31 -0.34 0.00	21.73 -0.22 0.00	20.78 -0.15 0.00	19.98 -0.13 0.00	19.83 -0.05 0.00	19.74 0.02 0.00	19.33 0.05 0.00	20.59 -0.05 0.00	22.58 -0.02 0.00	20.04 -0.06 0.00
CE_DUNWOOD___DRP 24194	15.54 0.93 0.00	16.44 0.90 0.00	16.29 0.89 0.00	12.48 0.67 0.00	10.52 0.53 0.00	11.37 0.56 0.00	16.13 0.87 0.00	20.63 1.14 0.00	20.51 1.17 0.00	17.50 1.05 0.00	20.99 1.31 0.00	22.23 1.46 0.00	23.74 1.60 0.00	24.94 1.75 0.00	25.58 1.93 0.00	23.84 1.89 0.00	22.73 1.80 0.00	21.95 1.83 0.00	21.63 1.76 0.00	21.33 1.60 0.00	20.65 1.37 0.00	22.00 1.36 0.00	24.04 1.45 0.00	21.27 1.17 0.00
CE_MILLWOOD___DRP 24193	15.50 0.89 0.00	16.40 0.86 0.00	16.25 0.85 0.00	12.45 0.63 0.00	10.50 0.51 0.00	11.34 0.53 0.00	16.10 0.83 0.00	20.57 1.09 0.00	20.46 1.12 0.00	17.45 1.01 0.00	20.93 1.25 0.00	22.16 1.40 0.00	23.67 1.53 0.00	24.87 1.68 0.00	25.49 1.84 0.00	23.76 1.81 0.00	22.66 1.73 0.00	21.88 1.76 0.00	21.57 1.69 0.00	21.27 1.54 0.00	20.60 1.32 0.00	21.94 1.30 0.00	23.98 1.39 0.00	21.21 1.11 0.00
CE_NYC2_DRP 24202	15.70 1.09 0.00	16.58 1.03 0.00	16.43 1.03 0.00	12.60 0.78 -0.01	10.62 0.62 -0.01	11.48 0.66 -0.01	16.25 0.99 0.00	20.79 1.31 0.00	20.70 1.36 0.00	17.67 1.23 0.00	21.18 1.50 0.00	22.45 1.68 0.00	23.98 1.85 0.00	25.20 2.01 0.00	25.84 2.20 0.00	24.12 2.16 0.00	22.97 2.04 0.00	22.17 2.05 0.00	21.84 1.96 0.00	21.51 1.79 0.00	20.82 1.54 0.00	22.17 1.52 0.00	24.22 1.63 0.00	21.42 1.31 0.00
CE_NYC_DRP 24195	15.68 1.07 0.00	16.56 1.01 0.00	16.40 1.00 0.00	12.57 0.76 0.00	10.59 0.60 0.00	11.44 0.63 0.00	16.24 0.97 0.00	20.77 1.29 0.00	20.68 1.34 0.00	17.67 1.22 0.00	21.18 1.50 0.00	22.44 1.67 0.00	23.96 1.82 0.00	25.18 1.99 0.00	25.85 2.20 0.00	24.12 2.17 0.00	22.98 2.04 0.00	22.17 2.05 0.00	21.85 1.97 0.00	21.52 1.79 0.00	20.82 1.54 0.00	22.17 1.53 0.00	24.23 1.63 0.00	21.41 1.30 0.00
CHAFFEE___LFGE 323603	14.28 -0.33 0.00	15.28 -0.27 0.00	15.20 -0.20 0.00	11.60 -0.22 0.00	9.63 -0.31 0.06	10.29 -0.22 0.30	15.06 -0.21 0.00	19.35 -0.14 0.00	19.29 -0.04 0.00	16.34 -0.11 0.00	19.55 -0.13 0.00	20.54 -0.22 0.00	21.78 -0.36 0.00	22.78 -0.41 0.00	23.39 -0.25 0.00	21.53 -0.43 0.00	20.47 -0.46 0.00	19.59 -0.52 0.00	19.40 -0.48 0.00	19.35 -0.38 0.00	19.00 -0.28 0.00	20.25 -0.39 0.00	22.20 -0.40 0.00	19.64 -0.47 0.00
CHATEAUG_35_KV_LOAD 355732	14.10 -0.51 0.00	14.95 -0.59 0.00	14.78 -0.62 0.00	11.40 -0.41 0.00	9.70 -0.30 0.00	10.58 -0.23 0.00	14.90 -0.36 0.00	18.97 -0.51 0.00	18.74 -0.59 0.00	15.82 -0.63 0.00	18.85 -0.83 0.00	19.91 -0.85 0.00	21.21 -0.93 0.00	22.31 -0.88 0.00	22.64 -1.00 0.00	21.07 -0.88 0.00	16.93 -0.93 3.08	19.18 -0.94 0.00	19.24 -0.64 0.00	19.25 -0.48 0.00	19.10 -0.18 0.00	20.62 -0.02 0.00	22.57 -0.03 0.00	20.00 -0.10 0.00
CHATEAUG_WT_PWR 323614	13.95 -0.66 0.00	14.74 -0.80 0.00	14.53 -0.87 0.00	11.21 -0.60 0.00	9.58 -0.41 0.00	10.53 -0.28 0.00	14.87 -0.39 0.00	18.82 -0.66 0.00	18.50 -0.83 0.00	15.58 -0.87 0.00	18.53 -1.15 0.00	19.68 -1.08 0.00	20.88 -1.26 0.00	22.02 -1.17 0.00	22.28 -1.36 0.00	20.76 -1.19 0.00	16.57 -1.24 3.12	18.93 -1.19 0.00	19.19 -0.69 0.00	19.24 -0.48 0.00	19.19 -0.09 0.00	20.81 0.16 0.00	22.76 0.16 0.00	20.15 0.05 0.00
CHAT_HIGH_FALL_HYD 323578	14.10 -0.51 0.00	14.95 -0.59 0.00	14.78 -0.62 0.00	11.40 -0.41 0.00	9.70 -0.30 0.00	10.58 -0.23 0.00	14.90 -0.36 0.00	18.97 -0.51 0.00	18.74 -0.59 0.00	15.82 -0.63 0.00	18.85 -0.83 0.00	19.91 -0.85 0.00	21.21 -0.93 0.00	22.31 -0.88 0.00	22.64 -1.00 0.00	21.07 -0.88 0.00	16.93 -0.93 3.08	19.18 -0.94 0.00	19.24 -0.64 0.00	19.25 -0.48 0.00	19.10 -0.18 0.00	20.62 -0.02 0.00	22.57 -0.03 0.00	20.00 -0.10 0.00
CHAUTAUQUA___LFGE 323629	14.19 -0.42 0.00	15.24 -0.31 0.00	15.19 -0.21 0.00	11.59 -0.22 0.00	9.63 -0.30 0.06	10.28 -0.24 0.30	15.12 -0.14 0.00	19.40 -0.08 0.00	19.32 -0.02 0.00	16.35 -0.10 0.00	19.56 -0.12 0.00	20.54 -0.22 0.00	21.72 -0.42 0.00	22.67 -0.52 0.00	23.21 -0.43 0.00	21.55 -0.41 0.00	20.53 -0.40 0.00	19.72 -0.40 0.00	19.57 -0.31 0.00	19.48 -0.25 0.00	19.08 -0.20 0.00	20.33 -0.31 0.00	22.30 -0.30 0.00	19.80 -0.31 0.00
CHERRYST_13_KV_LD 356241	15.71 1.10 0.00	16.60 1.06 0.00	16.44 1.04 0.00	12.60 0.79 0.00	10.62 0.63 0.00	11.47 0.66 0.00	16.28 1.02 0.00	20.84 1.36 0.00	20.76 1.42 0.00	17.73 1.28 0.00	21.26 1.58 0.00	22.52 1.76 0.00	24.05 1.91 0.00	25.28 2.09 0.00	25.94 2.30 0.00	24.21 2.26 0.00	23.07 2.13 0.00	22.25 2.13 0.00	21.93 2.05 0.00	21.58 1.85 0.00	20.88 1.60 0.00	22.23 1.59 0.00	24.28 1.69 0.00	21.45 1.35 0.00

CHESTROR_138KV_BK263 355645	15.29 0.68 0.00	16.20 0.65 0.00	16.05 0.65 0.00	12.30 0.49 0.00	10.38 0.39 0.00	11.22 0.41 0.00	15.90 0.64 0.00	20.32 0.84 0.00	20.19 0.86 0.00	17.21 0.76 0.00	20.62 0.94 0.00	21.82 1.05 0.00	23.30 1.16 0.00	24.48 1.29 0.00	25.08 1.44 0.00	23.36 1.40 0.00	22.28 1.34 0.00	21.50 1.39 0.00	21.22 1.34 0.00	20.96 1.23 0.00	20.33 1.05 0.00	21.67 1.02 0.00	23.67 1.08 0.00	20.97 0.86 0.00
CH_MIDHUDSON___DRP 24192	15.43 0.82 0.00	16.35 0.81 0.00	16.23 0.83 0.00	12.44 0.62 0.00	10.49 0.50 0.00	11.33 0.52 0.00	16.06 0.80 0.00	20.52 1.04 0.00	20.36 1.02 0.00	17.36 0.91 0.00	20.81 1.13 0.00	22.00 1.24 0.00	23.51 1.37 0.00	24.70 1.51 0.00	25.30 1.65 0.00	23.56 1.61 0.00	22.48 1.54 0.00	21.71 1.59 0.00	21.44 1.56 0.00	21.16 1.43 0.00	20.51 1.23 0.00	21.85 1.21 0.00	23.87 1.27 0.00	21.13 1.02 0.00
CH_MISC_IPPS 23765	15.50 0.89 0.00	16.41 0.87 0.00	16.28 0.88 0.00	12.47 0.66 0.00	10.52 0.53 0.00	11.38 0.56 0.00	16.13 0.87 0.00	20.62 1.13 0.00	20.47 1.13 0.00	17.44 0.99 0.00	20.92 1.24 0.00	22.13 1.36 0.00	23.64 1.50 0.00	24.84 1.66 0.00	25.44 1.80 0.00	23.70 1.75 0.00	22.62 1.68 0.00	21.85 1.73 0.00	21.57 1.70 0.00	21.30 1.57 0.00	20.64 1.36 0.00	21.99 1.35 0.00	24.01 1.42 0.00	21.24 1.14 0.00
CH_RES_BVR_FALLS 23983	14.23 -0.38 0.00	15.16 -0.39 0.00	15.02 -0.38 0.00	11.56 -0.25 0.00	9.82 -0.17 0.00	10.66 -0.16 0.00	14.94 -0.33 0.00	19.09 -0.39 0.00	18.91 -0.43 0.00	16.01 -0.43 0.00	19.18 -0.51 0.00	20.28 -0.48 0.00	21.65 -0.49 0.00	22.66 -0.53 0.00	23.04 -0.60 0.00	21.42 -0.53 0.00	15.57 -0.47 4.90	19.65 -0.47 0.00	19.46 -0.42 0.00	19.40 -0.33 0.00	19.06 -0.22 0.00	20.50 -0.14 0.00	22.44 -0.16 0.00	19.92 -0.18 0.00
CH_RES_NIAGARA 23895	13.76 -0.85 0.00	14.75 -0.80 0.00	14.69 -0.71 0.00	11.22 -0.59 0.00	9.28 -0.66 0.05	9.97 -0.60 0.24	14.46 -0.81 0.00	18.54 -0.95 0.00	18.48 -0.86 0.00	15.64 -0.81 0.00	18.69 -0.99 0.00	19.56 -1.20 0.00	20.75 -1.39 0.00	21.64 -1.55 0.00	22.08 -1.56 0.00	20.41 -1.55 0.00	19.37 -1.57 0.00	18.47 -1.64 0.00	18.29 -1.59 0.00	18.31 -1.42 0.00	18.02 -1.26 0.00	19.20 -1.44 0.00	21.13 -1.47 0.00	18.79 -1.31 0.00
CH_RES_SYRACUSE 23985	14.57 -0.04 0.00	15.49 -0.05 0.00	15.36 -0.03 0.00	11.76 -0.05 0.00	9.94 -0.06 0.00	10.77 -0.04 0.00	15.25 -0.01 0.00	19.48 0.00 0.00	19.34 0.00 0.00	16.46 0.02 0.00	19.71 0.03 0.00	20.76 0.00 0.00	22.11 -0.03 0.00	23.12 -0.07 0.00	23.55 -0.09 0.00	21.82 -0.13 0.00	20.83 -0.11 0.00	20.07 -0.04 0.00	19.84 -0.04 0.00	19.69 -0.03 0.00	19.23 -0.06 0.00	20.51 -0.13 0.00	22.43 -0.16 0.00	20.07 -0.04 0.00
CLINTON_WT_PWR 323605	13.95 -0.66 0.00	14.74 -0.80 0.00	14.53 -0.87 0.00	11.21 -0.60 0.00	9.58 -0.41 0.00	10.53 -0.28 0.00	14.87 -0.39 0.00	18.82 -0.66 0.00	18.50 -0.83 0.00	15.58 -0.87 0.00	18.53 -1.15 0.00	19.68 -1.08 0.00	20.88 -1.26 0.00	22.02 -1.17 0.00	22.28 -1.36 0.00	20.76 -1.19 0.00	16.57 -1.24 3.12	18.93 -1.19 0.00	19.19 -0.69 0.00	19.24 -0.48 0.00	19.19 -0.09 0.00	20.81 0.16 0.00	22.76 0.16 0.00	20.15 0.05 0.00
CLINTON___LFGE 323618	14.18 -0.43 0.00	15.01 -0.54 0.00	14.81 -0.59 0.00	11.42 -0.40 0.00	9.72 -0.27 0.00	10.68 -0.14 0.00	15.10 -0.16 0.00	19.18 -0.30 0.00	18.87 -0.47 0.00	15.90 -0.55 0.00	18.94 -0.74 0.00	20.05 -0.71 0.00	21.28 -0.86 0.00	22.38 -0.81 0.00	22.65 -0.99 0.00	21.09 -0.87 0.00	16.89 -0.93 3.12	19.22 -0.90 0.00	19.45 -0.43 0.00	19.47 -0.26 0.00	19.35 0.07 0.00	20.95 0.31 0.00	22.91 0.31 0.00	20.26 0.16 0.00
COBBLENY_34_KV_TB1 80064	14.28 -0.33 0.00	15.28 -0.27 0.00	15.20 -0.20 0.00	11.60 -0.22 0.00	9.63 -0.31 0.06	10.29 -0.22 0.30	15.06 -0.21 0.00	19.35 -0.14 0.00	19.30 -0.04 0.00	16.34 -0.11 0.00	19.55 -0.13 0.00	20.54 -0.23 0.00	21.78 -0.36 0.00	22.78 -0.42 0.00	23.40 -0.24 0.00	21.53 -0.42 0.00	20.46 -0.48 0.00	19.59 -0.52 0.00	19.40 -0.48 0.00	19.36 -0.37 0.00	19.00 -0.28 0.00	20.25 -0.39 0.00	22.20 -0.40 0.00	19.64 -0.47 0.00
COFFEEN___115KV_TB3 355620	14.28 -0.33 0.00	15.24 -0.31 0.00	15.12 -0.28 0.00	11.68 -0.13 0.00	9.98 -0.02 0.00	10.85 0.04 0.00	15.35 0.08 0.00	19.69 0.21 0.00	19.42 0.09 0.00	16.48 0.04 0.00	20.07 0.39 0.00	21.39 0.63 0.00	22.77 0.64 0.00	23.66 0.48 0.00	24.10 0.46 0.00	22.04 0.08 0.00	20.72 0.37 0.59	20.52 0.40 0.00	20.40 0.52 0.00	20.35 0.63 0.00	19.92 0.64 0.00	21.36 0.72 0.00	23.29 0.70 0.00	20.65 0.55 0.00
COLDSPRG_115KV_BK1 355956	14.49 -0.12 0.00	15.55 0.00 0.00	15.48 0.08 0.00	11.83 0.01 0.00	9.82 -0.11 0.06	10.48 -0.01 0.32	15.50 0.24 0.00	19.95 0.46 0.00	19.88 0.55 0.00	16.82 0.38 0.00	20.12 0.44 0.00	21.12 0.36 0.00	22.34 0.21 0.00	23.36 0.17 0.00	23.90 0.26 0.00	22.17 0.22 0.00	21.11 0.17 0.00	20.29 0.17 0.00	20.11 0.24 0.00	20.01 0.28 0.00	19.57 0.29 0.00	20.84 0.20 0.00	22.85 0.25 0.00	20.26 0.16 0.00
COLONIE_LFGE___ 323577	15.26 0.64 0.00	16.25 0.70 0.00	16.13 0.73 0.00	12.39 0.58 0.00	10.47 0.48 0.00	11.30 0.49 0.00	15.95 0.69 0.00	20.26 0.78 0.00	19.97 0.64 0.00	16.97 0.52 0.00	20.34 0.66 0.00	21.42 0.65 0.00	22.91 0.78 0.00	24.09 0.90 0.00	24.58 0.94 0.00	22.77 0.82 0.00	21.77 0.84 0.00	21.04 0.92 0.00	20.80 0.93 0.00	20.69 0.97 0.00	20.13 0.85 0.00	21.47 0.82 0.00	23.50 0.90 0.00	20.83 0.72 0.00
COOPERNY_115KV_TB1 80082	15.09 0.48 0.00	16.00 0.45 0.00	15.86 0.46 0.00	12.15 0.34 0.00	10.26 0.27 0.00	11.10 0.28 0.00	15.71 0.45 0.00	20.08 0.60 0.00	19.95 0.61 0.00	17.00 0.56 0.00	20.36 0.68 0.00	21.52 0.76 0.00	22.97 0.83 0.00	24.10 0.91 0.00	24.66 1.02 0.00	22.96 1.00 0.00	21.90 0.96 0.00	21.12 1.00 0.00	20.83 0.96 0.00	20.60 0.87 0.00	20.02 0.74 0.00	21.36 0.72 0.00	23.35 0.75 0.00	20.70 0.60 0.00
COPENHAGEN_WT_PWR 323753	14.03 -0.58 0.00	14.98 -0.56 0.00	14.88 -0.51 0.00	11.51 -0.30 0.00	9.84 -0.15 0.00	10.71 -0.11 0.00	15.11 -0.16 0.00	19.37 -0.11 0.00	19.07 -0.27 0.00	16.18 -0.27 0.00	19.79 0.11 0.00	21.15 0.39 0.00	22.53 0.39 0.00	23.44 0.25 0.00	23.85 0.20 0.00	21.82 -0.14 0.00	20.47 0.09 0.55	20.25 0.13 0.00	20.15 0.27 0.00	20.11 0.38 0.00	19.66 0.38 0.00	21.10 0.46 0.00	23.02 0.43 0.00	20.45 0.35 0.00
CORNELL_____ 23752	14.82 0.21 0.00	15.75 0.20 0.00	15.62 0.22 0.00	11.96 0.14 0.00	10.27 0.10 -0.18	11.88 0.15 -0.92	15.56 0.30 0.00	19.89 0.41 0.00	19.75 0.41 0.00	16.79 0.35 0.00	20.11 0.43 0.00	21.16 0.39 0.00	22.47 0.33 0.00	23.59 0.40 0.00	24.09 0.44 0.00	22.31 0.35 0.00	21.28 0.35 0.00	20.56 0.44 0.00	20.34 0.46 0.00	20.19 0.47 0.00	19.72 0.44 0.00	21.02 0.38 0.00	22.96 0.36 0.00	20.45 0.35 0.00

CORONA__69_KV_TB1 355595	15.81 1.20 0.00	16.76 1.22 0.00	16.58 1.18 0.00	12.65 0.84 0.00	10.68 0.69 0.00	11.55 0.73 0.00	16.41 1.15 0.00	20.88 1.40 0.00	20.73 1.39 0.00	17.66 1.22 0.00	21.37 1.69 0.00	22.65 1.89 0.00	24.18 2.04 0.00	25.34 2.15 0.00	25.98 2.34 0.00	24.23 2.28 0.00	23.05 2.11 0.00	22.29 2.17 0.00	21.93 2.05 0.00	21.60 1.88 0.00	20.96 1.68 0.00	22.40 1.75 0.00	24.57 1.98 0.00	21.70 1.60 0.00
CORTLAND__115KV_TB3 80093	14.75 0.14 0.00	15.68 0.14 0.00	15.56 0.16 0.00	11.91 0.09 0.00	10.12 0.07 -0.06	11.25 0.10 -0.34	15.49 0.23 0.00	19.79 0.31 0.00	19.66 0.33 0.00	16.73 0.29 0.00	20.02 0.34 0.00	21.09 0.33 0.00	22.41 0.27 0.00	23.52 0.33 0.00	23.98 0.34 0.00	22.25 0.30 0.00	21.23 0.30 0.00	20.48 0.36 0.00	20.26 0.38 0.00	20.09 0.37 0.00	19.61 0.33 0.00	20.92 0.28 0.00	22.86 0.27 0.00	20.36 0.25 0.00
COXSACKIE__GT 23611	15.52 0.91 0.00	16.54 0.99 0.00	16.41 1.02 0.00	12.62 0.80 0.00	10.66 0.67 0.00	11.52 0.70 0.00	16.26 1.00 0.00	20.54 1.06 0.00	20.12 0.79 0.00	17.07 0.62 0.00	20.44 0.76 0.00	21.55 0.79 0.00	23.09 0.95 0.00	24.31 1.12 0.00	24.61 0.97 0.00	22.95 1.00 0.00	22.04 1.11 0.00	21.31 1.19 0.00	21.19 1.31 0.00	21.12 1.40 0.00	20.53 1.25 0.00	21.87 1.23 0.00	23.90 1.30 0.00	21.13 1.03 0.00
CPV__VALLEY__CC1 323721	15.19 0.58 0.00	16.09 0.54 0.00	15.94 0.54 0.00	12.22 0.41 0.00	10.32 0.33 0.00	11.15 0.34 0.00	15.79 0.53 0.00	20.18 0.70 0.00	20.06 0.72 0.00	17.09 0.65 0.00	20.49 0.81 0.00	21.67 0.91 0.00	23.14 1.00 0.00	24.30 1.11 0.00	24.88 1.24 0.00	23.18 1.22 0.00	22.11 1.17 0.00	21.34 1.22 0.00	21.04 1.17 0.00	20.78 1.05 0.00	20.17 0.88 0.00	21.50 0.85 0.00	23.50 0.91 0.00	20.82 0.71 0.00
CPV__VALLEY__CC2 323722	15.19 0.58 0.00	16.09 0.54 0.00	15.94 0.54 0.00	12.22 0.41 0.00	10.32 0.33 0.00	11.15 0.34 0.00	15.79 0.53 0.00	20.18 0.70 0.00	20.06 0.72 0.00	17.09 0.65 0.00	20.49 0.81 0.00	21.67 0.91 0.00	23.14 1.00 0.00	24.30 1.11 0.00	24.88 1.24 0.00	23.18 1.22 0.00	22.11 1.17 0.00	21.34 1.22 0.00	21.04 1.17 0.00	20.78 1.05 0.00	20.17 0.88 0.00	21.50 0.85 0.00	23.50 0.91 0.00	20.82 0.71 0.00
CRESCENT__HYD 24018	15.26 0.64 0.00	16.25 0.70 0.00	16.13 0.73 0.00	12.39 0.58 0.00	10.47 0.48 0.00	11.30 0.49 0.00	15.95 0.69 0.00	20.26 0.78 0.00	19.97 0.64 0.00	16.97 0.52 0.00	20.34 0.66 0.00	21.42 0.65 0.00	22.91 0.78 0.00	24.09 0.90 0.00	24.58 0.94 0.00	22.77 0.82 0.00	21.77 0.84 0.00	21.04 0.92 0.00	20.80 0.93 0.00	20.69 0.97 0.00	20.13 0.85 0.00	21.47 0.82 0.00	23.50 0.90 0.00	20.83 0.72 0.00
CRICKET__VALLEY_CC1 323756	15.31 0.70 0.00	16.25 0.71 0.00	16.18 0.78 0.00	12.40 0.59 0.00	10.46 0.47 0.00	11.30 0.49 0.00	15.98 0.71 0.00	20.38 0.90 0.00	20.16 0.82 0.00	17.17 0.72 0.00	20.58 0.90 0.00	21.73 0.97 0.00	23.22 1.08 0.00	24.43 1.24 0.00	25.01 1.37 0.00	23.24 1.29 0.00	22.18 1.24 0.00	21.44 1.32 0.00	21.19 1.31 0.00	20.94 1.22 0.00	20.29 1.01 0.00	21.62 0.98 0.00	23.63 1.04 0.00	20.94 0.83 0.00
CRICKET__VALLEY_CC2 323757	15.31 0.70 0.00	16.25 0.71 0.00	16.18 0.78 0.00	12.40 0.59 0.00	10.46 0.47 0.00	11.30 0.49 0.00	15.98 0.71 0.00	20.38 0.90 0.00	20.16 0.82 0.00	17.17 0.72 0.00	20.58 0.90 0.00	21.73 0.97 0.00	23.22 1.08 0.00	24.43 1.24 0.00	25.01 1.37 0.00	23.24 1.29 0.00	22.18 1.24 0.00	21.44 1.32 0.00	21.19 1.31 0.00	20.94 1.22 0.00	20.29 1.01 0.00	21.62 0.98 0.00	23.63 1.04 0.00	20.94 0.83 0.00
CRICKET__VALLEY_CC3 323758	15.31 0.70 0.00	16.25 0.71 0.00	16.18 0.78 0.00	12.40 0.59 0.00	10.46 0.47 0.00	11.30 0.49 0.00	15.98 0.71 0.00	20.38 0.90 0.00	20.16 0.82 0.00	17.17 0.72 0.00	20.58 0.90 0.00	21.73 0.97 0.00	23.22 1.08 0.00	24.43 1.24 0.00	25.01 1.37 0.00	23.24 1.29 0.00	22.18 1.24 0.00	21.44 1.32 0.00	21.19 1.31 0.00	20.94 1.22 0.00	20.29 1.01 0.00	21.62 0.98 0.00	23.63 1.04 0.00	20.94 0.83 0.00
CRUCIBLE__METL_DRP 24180	14.57 -0.04 0.00	15.49 -0.05 0.00	15.36 -0.03 0.00	11.76 -0.05 0.00	9.93 -0.06 0.00	10.77 -0.04 0.00	15.25 -0.01 0.00	19.48 0.00 0.00	19.34 0.00 0.00	16.46 0.02 0.00	19.71 0.03 0.00	20.76 0.00 0.00	22.11 -0.03 0.00	23.12 -0.07 0.00	23.55 -0.09 0.00	21.82 -0.13 0.00	20.82 -0.11 0.00	20.07 -0.05 0.00	19.84 -0.04 0.00	19.69 -0.03 0.00	19.22 -0.06 0.00	20.51 -0.13 0.00	22.43 -0.16 0.00	20.07 -0.04 0.00
DAHOWA__HYDRO 323763	15.51 0.90 0.00	16.50 0.96 0.00	16.37 0.97 0.00	12.56 0.75 0.00	10.62 0.63 0.00	11.49 0.68 0.00	16.26 1.00 0.00	20.69 1.21 0.00	20.41 1.08 0.00	17.37 0.93 0.00	20.84 1.15 0.00	21.89 1.13 0.00	23.39 1.25 0.00	24.68 1.49 0.00	25.19 1.55 0.00	23.31 1.36 0.00	22.30 1.36 0.00	21.52 1.40 0.00	21.23 1.35 0.00	20.99 1.26 0.00	20.51 1.22 0.00	21.84 1.20 0.00	23.96 1.37 0.00	21.22 1.12 0.00
DANC__LFGE 323619	14.18 -0.43 0.00	15.12 -0.43 0.00	15.01 -0.39 0.00	11.56 -0.25 0.00	9.84 -0.15 0.00	10.68 -0.13 0.00	15.09 -0.17 0.00	19.33 -0.16 0.00	19.10 -0.24 0.00	16.22 -0.22 0.00	19.66 -0.02 0.00	20.91 0.15 0.00	22.28 0.14 0.00	23.21 0.02 0.00	23.62 -0.02 0.00	21.71 -0.25 0.00	20.45 -0.11 0.37	20.06 -0.05 0.00	19.91 0.03 0.00	19.83 0.11 0.00	19.38 0.10 0.00	20.76 0.12 0.00	22.71 0.11 0.00	20.21 0.11 0.00
DANSKAMMER__1 23586	15.50 0.89 0.00	16.41 0.87 0.00	16.28 0.88 0.00	12.47 0.66 0.00	10.52 0.53 0.00	11.38 0.56 0.00	16.13 0.87 0.00	20.62 1.13 0.00	20.47 1.13 0.00	17.44 0.99 0.00	20.92 1.24 0.00	22.13 1.36 0.00	23.64 1.50 0.00	24.84 1.66 0.00	25.44 1.80 0.00	23.70 1.75 0.00	22.62 1.68 0.00	21.85 1.73 0.00	21.57 1.70 0.00	21.30 1.57 0.00	20.64 1.36 0.00	21.99 1.35 0.00	24.01 1.42 0.00	21.24 1.14 0.00
DANSKAMMER__2 23589	15.50 0.89 0.00	16.41 0.87 0.00	16.28 0.88 0.00	12.47 0.66 0.00	10.52 0.53 0.00	11.38 0.56 0.00	16.13 0.87 0.00	20.62 1.13 0.00	20.47 1.13 0.00	17.44 0.99 0.00	20.92 1.24 0.00	22.13 1.36 0.00	23.64 1.50 0.00	24.84 1.66 0.00	25.44 1.80 0.00	23.70 1.75 0.00	22.62 1.68 0.00	21.85 1.73 0.00	21.57 1.70 0.00	21.30 1.57 0.00	20.64 1.36 0.00	21.99 1.35 0.00	24.01 1.42 0.00	21.24 1.14 0.00
DANSKAMMER__3 23590	15.50 0.89 0.00	16.41 0.87 0.00	16.28 0.88 0.00	12.47 0.66 0.00	10.52 0.53 0.00	11.38 0.56 0.00	16.13 0.87 0.00	20.62 1.13 0.00	20.47 1.13 0.00	17.44 0.99 0.00	20.92 1.24 0.00	22.13 1.36 0.00	23.64 1.50 0.00	24.84 1.66 0.00	25.44 1.80 0.00	23.70 1.75 0.00	22.62 1.68 0.00	21.85 1.73 0.00	21.57 1.70 0.00	21.30 1.57 0.00	20.64 1.36 0.00	21.99 1.35 0.00	24.01 1.42 0.00	21.24 1.14 0.00

DANSKAMMER___4 23591	15.50 0.89 0.00	16.41 0.87 0.00	16.28 0.88 0.00	12.47 0.66 0.00	10.52 0.53 0.00	11.38 0.56 0.00	16.13 0.87 0.00	20.62 1.13 0.00	20.47 1.13 0.00	17.44 0.99 0.00	20.92 1.24 0.00	22.13 1.36 0.00	23.64 1.50 0.00	24.84 1.66 0.00	25.44 1.80 0.00	23.70 1.75 0.00	22.62 1.68 0.00	21.85 1.73 0.00	21.57 1.70 0.00	21.30 1.57 0.00	20.64 1.36 0.00	21.99 1.35 0.00	24.01 1.42 0.00	21.24 1.14 0.00
DANSKAMMER___DIESEL 23592	15.50 0.89 0.00	16.41 0.87 0.00	16.28 0.88 0.00	12.47 0.66 0.00	10.52 0.53 0.00	11.38 0.56 0.00	16.13 0.87 0.00	20.62 1.13 0.00	20.47 1.13 0.00	17.44 0.99 0.00	20.92 1.24 0.00	22.13 1.36 0.00	23.64 1.50 0.00	24.84 1.66 0.00	25.45 1.80 0.00	23.70 1.75 0.00	22.62 1.69 0.00	21.85 1.73 0.00	21.58 1.70 0.00	21.30 1.57 0.00	20.64 1.36 0.00	21.99 1.35 0.00	24.01 1.42 0.00	21.24 1.14 0.00
DARBY___SOLAR 323810	15.46 0.85 0.00	16.45 0.91 0.00	16.31 0.91 0.00	12.52 0.71 0.00	10.58 0.59 0.00	11.45 0.64 0.00	16.19 0.93 0.00	20.59 1.11 0.00	20.33 0.99 0.00	17.30 0.85 0.00	20.74 1.06 0.00	21.79 1.03 0.00	23.29 1.15 0.00	24.57 1.38 0.00	25.09 1.44 0.00	23.21 1.26 0.00	22.20 1.26 0.00	21.42 1.31 0.00	21.15 1.27 0.00	20.92 1.20 0.00	20.42 1.14 0.00	21.76 1.12 0.00	23.87 1.27 0.00	21.15 1.04 0.00
DASHVILLE___HYD 23610	15.32 0.71 0.00	16.22 0.68 0.00	16.10 0.70 0.00	12.32 0.51 0.00	10.39 0.40 0.00	11.23 0.42 0.00	15.93 0.67 0.00	20.40 0.91 0.00	20.27 0.93 0.00	17.29 0.84 0.00	20.72 1.04 0.00	21.93 1.17 0.00	23.42 1.28 0.00	24.58 1.39 0.00	25.20 1.55 0.00	23.48 1.52 0.00	22.36 1.43 0.00	21.63 1.51 0.00	21.34 1.46 0.00	21.03 1.31 0.00	20.39 1.11 0.00	21.74 1.09 0.00	23.72 1.13 0.00	21.00 0.89 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	16.27 1.66 0.00	17.40 1.86 0.00	17.24 1.84 0.00	13.07 1.26 0.00	11.03 1.04 0.00	11.97 1.15 0.00	17.09 1.83 0.00	21.53 2.04 0.00	21.31 1.98 0.00	18.05 1.60 0.00	21.90 2.22 0.00	23.26 2.50 0.00	24.80 2.66 0.00	25.95 2.76 0.00	26.61 2.97 0.00	24.87 2.92 0.00	23.71 2.78 0.00	23.05 2.93 0.00	22.69 2.81 0.00	22.32 2.59 0.00	21.12 1.85 0.00	22.44 1.79 0.00	25.03 2.43 0.00	22.27 2.16 0.00
DELAWARE___LFGE 323621	14.95 0.34 0.00	15.90 0.35 0.00	15.77 0.37 0.00	12.08 0.27 0.00	10.21 0.21 -0.01	11.11 0.23 -0.06	15.65 0.39 0.00	20.02 0.54 0.00	19.90 0.56 0.00	16.94 0.49 0.00	20.29 0.61 0.00	21.40 0.64 0.00	22.83 0.69 0.00	23.94 0.76 0.00	24.46 0.82 0.00	22.75 0.80 0.00	21.68 0.75 0.00	20.90 0.78 0.00	20.65 0.77 0.00	20.44 0.71 0.00	19.90 0.62 0.00	21.23 0.58 0.00	23.21 0.61 0.00	20.60 0.50 0.00
DERFIELD_115KV_TB7 355931	14.69 0.08 0.00	15.63 0.08 0.00	15.49 0.09 0.00	11.88 0.07 0.00	10.04 0.05 0.00	10.86 0.05 0.00	15.35 0.09 0.00	19.58 0.10 0.00	19.43 0.09 0.00	16.54 0.09 0.00	19.80 0.12 0.00	20.88 0.12 0.00	22.27 0.13 0.00	23.34 0.15 0.00	23.80 0.16 0.00	22.11 0.15 0.00	21.24 0.15 -0.16	20.30 0.18 0.00	20.04 0.17 0.00	19.88 0.16 0.00	19.40 0.12 0.00	20.75 0.10 0.00	22.71 0.11 0.00	20.20 0.10 0.00
DOGLEVILLE___HYD 23807	14.68 0.07 0.00	15.58 0.03 0.00	15.48 0.08 0.00	11.83 0.02 0.00	10.01 0.02 0.00	10.84 0.02 0.00	15.37 0.11 0.00	19.64 0.16 0.00	19.35 0.01 0.00	16.49 0.04 0.00	19.73 0.05 0.00	20.75 -0.02 0.00	22.08 -0.06 0.00	23.42 0.24 0.00	23.98 0.34 0.00	22.10 0.14 0.00	21.26 0.17 -0.16	20.42 0.30 0.00	20.26 0.38 0.00	20.12 0.39 0.00	19.55 0.27 0.00	20.86 0.21 0.00	22.95 0.36 0.00	20.34 0.23 0.00
DUNKIRK___115KV_TB_200 55889	14.20 -0.41 0.00	15.23 -0.32 0.00	15.17 -0.23 0.00	11.58 -0.24 0.00	9.62 -0.31 0.06	10.27 -0.25 0.29	15.09 -0.17 0.00	19.37 -0.12 0.00	19.29 -0.05 0.00	16.33 -0.12 0.00	19.53 -0.16 0.00	20.51 -0.26 0.00	21.70 -0.44 0.00	22.66 -0.53 0.00	23.20 -0.45 0.00	21.51 -0.44 0.00	20.49 -0.45 0.00	19.68 -0.44 0.00	19.54 -0.34 0.00	19.45 -0.28 0.00	19.04 -0.24 0.00	20.29 -0.35 0.00	22.26 -0.34 0.00	19.76 -0.35 0.00
DUNKIRK___1 23563	14.20 -0.41 0.00	15.23 -0.32 0.00	15.17 -0.23 0.00	11.58 -0.24 0.00	9.62 -0.31 0.06	10.27 -0.25 0.29	15.09 -0.17 0.00	19.37 -0.12 0.00	19.29 -0.05 0.00	16.33 -0.12 0.00	19.53 -0.16 0.00	20.51 -0.26 0.00	21.70 -0.44 0.00	22.66 -0.53 0.00	23.20 -0.45 0.00	21.51 -0.44 0.00	20.49 -0.45 0.00	19.68 -0.44 0.00	19.54 -0.34 0.00	19.45 -0.28 0.00	19.04 -0.24 0.00	20.29 -0.35 0.00	22.26 -0.34 0.00	19.76 -0.35 0.00
DUNKIRK___2 23564	14.20 -0.41 0.00	15.23 -0.32 0.00	15.17 -0.23 0.00	11.58 -0.24 0.00	9.62 -0.31 0.06	10.27 -0.25 0.29	15.09 -0.17 0.00	19.37 -0.12 0.00	19.29 -0.05 0.00	16.33 -0.12 0.00	19.53 -0.16 0.00	20.51 -0.26 0.00	21.70 -0.44 0.00	22.66 -0.53 0.00	23.20 -0.45 0.00	21.51 -0.44 0.00	20.49 -0.45 0.00	19.68 -0.44 0.00	19.54 -0.34 0.00	19.45 -0.28 0.00	19.04 -0.24 0.00	20.29 -0.35 0.00	22.26 -0.34 0.00	19.76 -0.35 0.00
DUNKIRK___3 23565	14.18 -0.43 0.00	15.19 -0.35 0.00	15.13 -0.27 0.00	11.55 -0.27 0.00	9.60 -0.34 0.06	10.25 -0.28 0.29	15.03 -0.23 0.00	19.27 -0.21 0.00	19.20 -0.14 0.00	16.27 -0.18 0.00	19.45 -0.23 0.00	20.43 -0.34 0.00	21.63 -0.51 0.00	22.61 -0.58 0.00	23.14 -0.50 0.00	21.42 -0.54 0.00	20.39 -0.55 0.00	19.56 -0.55 0.00	19.41 -0.47 0.00	19.33 -0.40 0.00	18.93 -0.35 0.00	20.18 -0.47 0.00	22.13 -0.46 0.00	19.65 -0.46 0.00
DUNKIRK___4 23566	14.18 -0.43 0.00	15.19 -0.35 0.00	15.13 -0.27 0.00	11.55 -0.27 0.00	9.60 -0.34 0.06	10.25 -0.28 0.29	15.03 -0.23 0.00	19.27 -0.21 0.00	19.20 -0.14 0.00	16.27 -0.18 0.00	19.45 -0.23 0.00	20.43 -0.34 0.00	21.63 -0.51 0.00	22.61 -0.58 0.00	23.14 -0.50 0.00	21.42 -0.54 0.00	20.39 -0.55 0.00	19.56 -0.55 0.00	19.41 -0.47 0.00	19.33 -0.40 0.00	18.93 -0.35 0.00	20.18 -0.47 0.00	22.13 -0.46 0.00	19.65 -0.46 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	15.61 1.00 0.00	16.51 0.96 0.00	16.35 0.95 0.00	12.52 0.71 0.00	10.56 0.57 0.00	11.41 0.60 0.00	16.19 0.93 0.00	20.71 1.23 0.00	20.60 1.26 0.00	17.58 1.14 0.00	21.10 1.42 0.00	22.33 1.57 0.00	23.86 1.72 0.00	25.06 1.88 0.00	25.70 2.06 0.00	23.98 2.02 0.00	22.85 1.92 0.00	22.06 1.95 0.00	21.74 1.87 0.00	21.43 1.71 0.00	20.74 1.46 0.00	22.10 1.46 0.00	24.15 1.56 0.00	21.36 1.25 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	15.39 0.78 0.00	16.29 0.75 0.00	16.15 0.75 0.00	12.38 0.56 0.00	10.44 0.45 0.00	11.29 0.47 0.00	16.00 0.74 0.00	20.45 0.97 0.00	20.32 0.98 0.00	17.32 0.87 0.00	20.76 1.08 0.00	21.96 1.20 0.00	23.46 1.32 0.00	24.64 1.46 0.00	25.25 1.61 0.00	23.52 1.57 0.00	22.44 1.50 0.00	21.67 1.55 0.00	21.40 1.52 0.00	21.12 1.39 0.00	20.47 1.19 0.00	21.82 1.18 0.00	23.83 1.24 0.00	21.09 0.99 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	15.67 1.06 0.00	16.54 1.00 0.00	16.40 0.99 0.00	12.57 0.75 -0.01	10.59 0.59 -0.01	11.45 0.63 -0.01	16.21 0.95 0.00	20.74 1.26 0.00	20.62 1.28 0.00	17.60 1.15 0.00	21.08 1.40 0.00	22.34 1.58 0.00	23.88 1.74 0.00	25.08 1.90 0.00	25.73 2.09 0.00	24.01 2.05 0.00	22.87 1.94 0.00	22.07 1.95 0.00	21.75 1.87 0.00	21.44 1.71 0.00	20.76 1.48 0.00	22.12 1.47 0.00	24.17 1.57 0.00	21.38 1.27 0.00
E179THST_13_KV_LOAD 356214	15.74 1.13 0.00	16.62 1.07 0.00	16.47 1.06 0.00	12.61 0.79 -0.01	10.63 0.63 -0.01	11.49 0.67 -0.01	16.28 1.02 0.00	20.84 1.35 0.00	20.72 1.38 0.00	17.68 1.24 0.00	21.19 1.51 0.00	22.45 1.69 0.00	23.99 1.85 0.00	25.21 2.02 0.00	25.86 2.22 0.00	24.13 2.17 0.00	22.99 2.05 0.00	22.18 2.06 0.00	21.85 1.97 0.00	21.54 1.81 0.00	20.86 1.58 0.00	22.23 1.58 0.00	24.29 1.69 0.00	21.48 1.37 0.00
EAST HAMPTON___GT 23717	16.35 1.74 0.00	17.52 1.97 0.00	17.36 1.96 0.00	13.16 1.34 0.00	11.11 1.12 0.00	12.07 1.26 0.00	17.27 2.01 0.00	21.72 2.24 0.00	21.48 2.15 0.00	18.20 1.75 0.00	22.10 2.42 0.00	23.48 2.72 0.00	25.01 2.87 0.00	26.16 2.97 0.00	26.83 3.18 0.00	25.09 3.14 0.00	23.94 3.00 0.00	23.27 3.16 0.00	22.93 3.05 0.00	22.54 2.81 0.00	21.07 1.79 0.00	22.19 1.55 0.00	24.99 2.40 0.00	22.39 2.29 0.00
EAST RIVER___6 23660	15.68 1.07 0.00	16.56 1.01 0.00	16.40 1.00 0.00	12.58 0.77 0.00	10.59 0.60 0.00	11.44 0.63 0.00	16.25 0.99 0.00	20.80 1.32 0.00	20.72 1.38 0.00	17.70 1.26 0.00	21.22 1.54 0.00	22.48 1.72 0.00	24.02 1.88 0.00	25.24 2.06 0.00	25.91 2.26 0.00	24.18 2.23 0.00	23.03 2.10 0.00	22.23 2.11 0.00	21.90 2.02 0.00	21.56 1.83 0.00	20.85 1.57 0.00	22.19 1.55 0.00	24.23 1.64 0.00	21.40 1.30 0.00
EAST RIVER___7 23524	15.68 1.07 0.00	16.56 1.01 0.00	16.40 1.00 0.00	12.58 0.77 0.00	10.59 0.60 0.00	11.44 0.63 0.00	16.25 0.99 0.00	20.80 1.32 0.00	20.72 1.38 0.00	17.70 1.26 0.00	21.22 1.54 0.00	22.48 1.72 0.00	24.02 1.88 0.00	25.24 2.06 0.00	25.91 2.26 0.00	24.18 2.23 0.00	23.03 2.10 0.00	22.23 2.11 0.00	21.90 2.02 0.00	21.56 1.83 0.00	20.85 1.57 0.00	22.19 1.55 0.00	24.23 1.64 0.00	21.40 1.30 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	15.54 0.93 0.00	16.44 0.90 0.00	16.29 0.89 0.00	12.48 0.67 0.00	10.52 0.53 0.00	11.37 0.56 0.00	16.13 0.87 0.00	20.63 1.14 0.00	20.51 1.17 0.00	17.50 1.05 0.00	20.99 1.31 0.00	22.23 1.46 0.00	23.74 1.60 0.00	24.94 1.75 0.00	25.58 1.93 0.00	23.84 1.89 0.00	22.73 1.80 0.00	21.95 1.83 0.00	21.63 1.76 0.00	21.33 1.60 0.00	20.65 1.37 0.00	22.00 1.36 0.00	24.04 1.45 0.00	21.27 1.17 0.00
EAST_HAMPTON___DIESEL 23722	16.35 1.74 0.00	17.52 1.97 0.00	17.36 1.96 0.00	13.16 1.35 0.00	11.11 1.12 0.00	12.07 1.26 0.00	17.28 2.02 0.00	21.73 2.25 0.00	21.49 2.15 0.00	18.21 1.76 0.00	22.11 2.43 0.00	23.49 2.73 0.00	25.02 2.88 0.00	26.17 2.98 0.00	26.83 3.19 0.00	25.10 3.14 0.00	23.94 3.01 0.00	23.28 3.17 0.00	22.94 3.06 0.00	22.53 2.80 0.00	21.04 1.76 0.00	22.13 1.49 0.00	24.96 2.36 0.00	22.39 2.29 0.00
EAST_POINT___SOLAR 323840	15.05 0.44 0.00	16.17 0.63 0.00	16.05 0.65 0.00	12.30 0.48 0.00	10.40 0.41 0.00	11.30 0.49 0.00	15.93 0.66 0.00	20.65 1.17 0.00	20.44 1.10 0.00	17.34 0.89 0.00	20.51 0.83 0.00	21.36 0.60 0.00	22.89 0.76 0.00	24.24 1.05 0.00	24.62 0.98 0.00	22.75 0.79 0.00	21.75 0.81 0.00	21.04 0.92 0.00	20.78 0.90 0.00	20.48 0.75 0.00	20.17 0.89 0.00	21.69 1.05 0.00	23.78 1.18 0.00	21.12 1.01 0.00
EAST_PULASKI___ESR 323781	14.33 -0.28 0.00	15.26 -0.28 0.00	15.14 -0.26 0.00	11.62 -0.19 0.00	9.84 -0.15 0.00	10.67 -0.14 0.00	15.10 -0.16 0.00	19.30 -0.18 0.00	19.13 -0.21 0.00	16.27 -0.18 0.00	19.55 -0.13 0.00	20.67 -0.08 0.00	22.04 -0.10 0.00	23.01 -0.18 0.00	23.41 -0.24 0.00	21.63 -0.33 0.00	20.47 -0.27 0.19	19.92 -0.20 0.00	19.72 -0.16 0.00	19.60 -0.12 0.00	19.15 -0.13 0.00	20.47 -0.17 0.00	22.42 -0.17 0.00	20.01 -0.10 0.00
EAST_RIVER___1 323558	15.68 1.07 0.00	16.56 1.01 0.00	16.40 1.00 0.00	12.57 0.76 0.00	10.59 0.60 0.00	11.44 0.63 0.00	16.24 0.97 0.00	20.77 1.29 0.00	20.68 1.34 0.00	17.66 1.22 0.00	21.18 1.50 0.00	22.44 1.67 0.00	23.96 1.82 0.00	25.18 1.99 0.00	25.84 2.20 0.00	24.12 2.17 0.00	22.98 2.04 0.00	22.17 2.06 0.00	21.85 1.97 0.00	21.52 1.79 0.00	20.82 1.54 0.00	22.17 1.53 0.00	24.23 1.63 0.00	21.41 1.30 0.00
EAST_RIVER___2 323559	15.68 1.07 0.00	16.56 1.01 0.00	16.40 1.00 0.00	12.58 0.77 0.00	10.59 0.60 0.00	11.44 0.63 0.00	16.25 0.99 0.00	20.80 1.32 0.00	20.72 1.38 0.00	17.70 1.26 0.00	21.22 1.54 0.00	22.48 1.72 0.00	24.02 1.88 0.00	25.24 2.06 0.00	25.91 2.26 0.00	24.18 2.23 0.00	23.03 2.10 0.00	22.23 2.11 0.00	21.90 2.02 0.00	21.56 1.83 0.00	20.85 1.57 0.00	22.19 1.55 0.00	24.23 1.64 0.00	21.40 1.30 0.00
EAST___DELAWARE_HYD 23607	15.05 0.43 0.00	15.92 0.37 0.00	15.78 0.38 0.00	12.09 0.27 0.00	10.21 0.22 0.00	11.04 0.23 0.00	15.66 0.40 0.00	20.04 0.55 0.00	19.88 0.54 0.00	16.95 0.50 0.00	20.29 0.61 0.00	21.47 0.70 0.00	22.80 0.66 0.00	23.48 0.30 0.00	24.09 0.45 0.00	22.41 0.45 0.00	21.38 0.44 0.00	20.69 0.57 0.00	20.42 0.54 0.00	20.17 0.45 0.00	19.64 0.36 0.00	21.42 0.77 0.00	23.37 0.77 0.00	20.67 0.57 0.00
EIGHT_POINT___WT_PWR 323820	14.13 -0.48 0.00	15.13 -0.42 0.00	15.12 -0.28 0.00	11.53 -0.28 0.00	9.49 -0.39 0.11	9.96 -0.27 0.58	15.01 -0.25 0.00	19.26 -0.22 0.00	19.20 -0.13 0.00	16.31 -0.13 0.00	19.41 -0.27 0.00	20.32 -0.44 0.00	21.46 -0.68 0.00	22.72 -0.47 0.00	23.26 -0.39 0.00	21.30 -0.66 0.00	20.42 -0.51 0.00	19.64 -0.48 0.00	19.51 -0.36 0.00	19.50 -0.23 0.00	19.11 -0.17 0.00	20.54 -0.11 0.00	22.50 -0.10 0.00	19.96 -0.15 0.00
ELBRIDGE_115KV_TB2 80188	14.50 -0.11 0.00	15.43 -0.11 0.00	15.30 -0.10 0.00	11.71 -0.11 0.00	9.89 -0.10 0.00	10.72 -0.09 0.00	15.18 -0.08 0.00	19.40 -0.08 0.00	19.24 -0.10 0.00	16.39 -0.06 0.00	19.61 -0.07 0.00	20.66 -0.10 0.00	21.98 -0.16 0.00	22.99 -0.20 0.00	23.44 -0.20 0.00	21.70 -0.25 0.00	20.70 -0.23 0.00	19.97 -0.15 0.00	19.73 -0.15 0.00	19.59 -0.13 0.00	19.13 -0.15 0.00	20.39 -0.25 0.00	22.32 -0.28 0.00	19.97 -0.13 0.00
ELEC_TRO_TEK 24086	15.72 1.11 0.00	16.68 1.13 0.00	16.50 1.10 0.00	12.60 0.78 0.00	10.63 0.64 0.00	11.49 0.68 0.00	16.34 1.08 0.00	20.79 1.31 0.00	20.65 1.31 0.00	17.60 1.15 0.00	21.26 1.58 0.00	22.53 1.77 0.00	24.05 1.91 0.00	25.19 2.00 0.00	25.83 2.19 0.00	24.09 2.14 0.00	22.96 2.02 0.00	22.19 2.07 0.00	21.84 1.97 0.00	21.52 1.79 0.00	20.83 1.55 0.00	22.25 1.61 0.00	24.42 1.83 0.00	21.57 1.47 0.00

ELLENBURG_WT_PWR 323604	13.95 -0.66 0.00	14.74 -0.80 0.00	14.53 -0.87 0.00	11.21 -0.60 0.00	9.58 -0.41 0.00	10.53 -0.28 0.00	14.87 -0.39 0.00	18.82 -0.66 0.00	18.50 -0.83 0.00	15.58 -0.87 0.00	18.53 -1.15 0.00	19.68 -1.08 0.00	20.88 -1.26 0.00	22.02 -1.17 0.00	22.28 -1.36 0.00	20.76 -1.19 0.00	16.57 -1.24 3.12	18.93 -1.19 0.00	19.19 -0.69 0.00	19.24 -0.48 0.00	19.19 -0.09 0.00	20.81 0.16 0.00	22.76 0.16 0.00	20.15 0.05 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	14.09 -0.52 0.00	15.09 -0.46 0.00	15.03 -0.37 0.00	11.47 -0.34 0.00	9.51 -0.43 0.05	10.19 -0.36 0.27	14.84 -0.42 0.00	19.04 -0.44 0.00	18.98 -0.36 0.00	16.07 -0.37 0.00	19.24 -0.45 0.00	20.22 -0.55 0.00	21.44 -0.70 0.00	22.39 -0.80 0.00	22.86 -0.78 0.00	21.12 -0.83 0.00	20.07 -0.86 0.00	19.21 -0.91 0.00	19.03 -0.85 0.00	19.01 -0.72 0.00	18.67 -0.61 0.00	19.90 -0.74 0.00	21.84 -0.75 0.00	19.34 -0.76 0.00
EMPIRE_CC_1 323656	15.17 0.56 0.00	16.15 0.60 0.00	16.05 0.65 0.00	12.35 0.54 0.00	10.43 0.44 0.00	11.24 0.43 0.00	15.82 0.56 0.00	20.04 0.56 0.00	19.73 0.39 0.00	16.79 0.34 0.00	20.19 0.51 0.00	21.26 0.49 0.00	22.74 0.61 0.00	23.89 0.70 0.00	24.31 0.67 0.00	22.56 0.61 0.00	21.61 0.68 0.00	20.89 0.78 0.00	20.70 0.82 0.00	20.63 0.90 0.00	20.01 0.72 0.00	21.30 0.65 0.00	23.35 0.75 0.00	20.68 0.58 0.00
EMPIRE_CC_2 323658	15.17 0.56 0.00	16.15 0.60 0.00	16.05 0.65 0.00	12.35 0.54 0.00	10.43 0.44 0.00	11.24 0.43 0.00	15.82 0.56 0.00	20.04 0.56 0.00	19.73 0.39 0.00	16.79 0.34 0.00	20.19 0.51 0.00	21.26 0.49 0.00	22.74 0.61 0.00	23.89 0.70 0.00	24.31 0.67 0.00	22.56 0.61 0.00	21.61 0.68 0.00	20.89 0.78 0.00	20.70 0.82 0.00	20.63 0.90 0.00	20.01 0.72 0.00	21.30 0.65 0.00	23.35 0.75 0.00	20.68 0.58 0.00
ENORWICH_115KV_TB1 80156	15.26 0.65 0.00	16.14 0.60 0.00	16.06 0.66 0.00	12.32 0.51 0.00	10.45 0.39 -0.07	11.69 0.52 -0.35	16.22 0.96 0.00	20.74 1.26 0.00	20.63 1.30 0.00	17.58 1.13 0.00	21.06 1.38 0.00	22.06 1.30 0.00	23.36 1.23 0.00	24.64 1.45 0.00	25.19 1.54 0.00	23.48 1.52 0.00	22.29 1.35 0.00	21.63 1.51 0.00	21.38 1.50 0.00	21.19 1.47 0.00	20.75 1.47 0.00	22.09 1.45 0.00	24.01 1.42 0.00	21.33 1.23 0.00
ERIE_ST_34_KV_TB1-2 80199	14.31 -0.30 0.00	15.31 -0.24 0.00	15.23 -0.16 0.00	11.62 -0.19 0.00	9.65 -0.28 0.05	10.33 -0.20 0.28	15.08 -0.18 0.00	19.35 -0.13 0.00	19.31 -0.03 0.00	16.35 -0.09 0.00	19.58 -0.10 0.00	20.57 -0.19 0.00	21.85 -0.29 0.00	22.84 -0.35 0.00	23.33 -0.32 0.00	21.54 -0.41 0.00	20.46 -0.47 0.00	19.60 -0.51 0.00	19.41 -0.46 0.00	19.36 -0.36 0.00	18.99 -0.28 0.00	20.25 -0.40 0.00	22.20 -0.39 0.00	19.66 -0.45 0.00
ERIE_WT_PWR 323693	14.17 -0.44 0.00	15.17 -0.38 0.00	15.11 -0.29 0.00	11.53 -0.28 0.00	9.56 -0.37 0.05	10.24 -0.30 0.28	14.93 -0.33 0.00	19.17 -0.32 0.00	19.09 -0.25 0.00	16.17 -0.27 0.00	19.35 -0.33 0.00	20.33 -0.43 0.00	21.56 -0.58 0.00	22.54 -0.65 0.00	23.03 -0.61 0.00	21.28 -0.68 0.00	20.23 -0.70 0.00	19.36 -0.76 0.00	19.19 -0.69 0.00	19.15 -0.57 0.00	18.81 -0.47 0.00	20.06 -0.59 0.00	22.00 -0.59 0.00	19.48 -0.62 0.00
ESPRGFLD_115KV_TB1 80157	14.99 0.38 0.00	16.00 0.46 0.00	15.87 0.47 0.00	12.15 0.34 0.00	10.27 0.28 0.00	11.17 0.36 0.00	15.82 0.55 0.00	20.44 0.96 0.00	20.25 0.91 0.00	17.23 0.78 0.00	20.64 0.96 0.00	21.76 1.00 0.00	23.19 1.05 0.00	24.30 1.11 0.00	24.86 1.21 0.00	23.14 1.19 0.00	22.03 1.10 0.00	21.23 1.11 0.00	21.00 1.13 0.00	20.80 1.08 0.00	20.26 0.98 0.00	21.61 0.97 0.00	23.59 0.99 0.00	20.91 0.81 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	14.80 0.19 0.00	15.73 0.19 0.00	15.61 0.21 0.00	11.94 0.13 0.00	10.22 0.09 -0.14	11.69 0.14 -0.75	15.54 0.28 0.00	19.87 0.38 0.00	19.73 0.39 0.00	16.78 0.33 0.00	20.09 0.41 0.00	21.14 0.37 0.00	22.46 0.32 0.00	23.57 0.38 0.00	24.06 0.41 0.00	22.29 0.33 0.00	21.26 0.33 0.00	20.54 0.42 0.00	20.32 0.44 0.00	20.17 0.45 0.00	19.69 0.41 0.00	20.99 0.35 0.00	22.93 0.34 0.00	20.43 0.33 0.00
ETNA____115KV_TB2 80207	14.80 0.19 0.00	15.73 0.19 0.00	15.61 0.21 0.00	11.94 0.13 0.00	10.22 0.09 -0.14	11.69 0.14 -0.75	15.54 0.28 0.00	19.87 0.38 0.00	19.73 0.39 0.00	16.78 0.33 0.00	20.09 0.41 0.00	21.14 0.37 0.00	22.46 0.32 0.00	23.57 0.38 0.00	24.06 0.41 0.00	22.29 0.33 0.00	21.26 0.33 0.00	20.54 0.42 0.00	20.32 0.44 0.00	20.17 0.45 0.00	19.69 0.41 0.00	20.99 0.35 0.00	22.93 0.34 0.00	20.43 0.33 0.00
EUCLID____115KV_TB2 356179	14.43 -0.19 0.00	15.35 -0.20 0.00	15.22 -0.18 0.00	11.66 -0.15 0.00	9.84 -0.15 0.00	10.67 -0.15 0.00	15.08 -0.18 0.00	19.25 -0.24 0.00	19.12 -0.21 0.00	16.28 -0.17 0.00	19.49 -0.19 0.00	20.54 -0.22 0.00	21.88 -0.26 0.00	22.88 -0.31 0.00	23.29 -0.35 0.00	21.60 -0.36 0.00	20.59 -0.34 0.00	19.83 -0.28 0.00	19.60 -0.28 0.00	19.46 -0.27 0.00	19.00 -0.28 0.00	20.28 -0.37 0.00	22.20 -0.40 0.00	19.84 -0.26 0.00
E_CANADA_CAP_HY 24051	15.02 0.41 0.00	16.13 0.59 0.00	16.00 0.61 0.00	12.27 0.45 0.00	10.38 0.38 0.00	11.28 0.47 0.00	15.90 0.64 0.00	20.62 1.14 0.00	20.41 1.07 0.00	17.33 0.88 0.00	20.51 0.82 0.00	21.36 0.60 0.00	22.88 0.74 0.00	24.20 1.01 0.00	24.55 0.91 0.00	22.70 0.75 0.00	21.68 0.75 0.00	20.97 0.85 0.00	20.69 0.82 0.00	20.40 0.67 0.00	20.10 0.82 0.00	21.64 1.00 0.00	23.73 1.13 0.00	21.09 0.99 0.00
E_CANADA_MHWK_HY 24050	14.68 0.07 0.00	15.58 0.03 0.00	15.48 0.08 0.00	11.83 0.02 0.00	10.01 0.02 0.00	10.84 0.02 0.00	15.37 0.11 0.00	19.64 0.16 0.00	19.35 0.01 0.00	16.49 0.04 0.00	19.73 0.05 0.00	20.75 -0.02 0.00	22.08 -0.06 0.00	23.42 0.24 0.00	23.98 0.34 0.00	22.10 0.14 0.00	21.26 0.17 -0.16	20.42 0.30 0.00	20.26 0.38 0.00	20.12 0.39 0.00	19.55 0.27 0.00	20.86 0.21 0.00	22.95 0.36 0.00	20.34 0.23 0.00
E_FISHKILL____LBMP 23776	15.37 0.76 0.00	16.29 0.75 0.00	16.17 0.77 0.00	12.39 0.58 0.00	10.45 0.46 0.00	11.29 0.48 0.00	15.99 0.73 0.00	20.43 0.94 0.00	20.27 0.94 0.00	17.28 0.84 0.00	20.73 1.05 0.00	21.91 1.15 0.00	23.41 1.27 0.00	24.59 1.40 0.00	25.18 1.54 0.00	23.45 1.50 0.00	22.36 1.43 0.00	21.59 1.48 0.00	21.31 1.43 0.00	21.04 1.31 0.00	20.39 1.11 0.00	21.73 1.09 0.00	23.76 1.16 0.00	21.03 0.93 0.00
FALCON____SEABRD_CC1 323796	14.15 -0.45 0.00	14.97 -0.57 0.00	14.78 -0.62 0.00	11.39 -0.43 0.00	9.70 -0.29 0.00	10.66 -0.15 0.00	15.08 -0.18 0.00	19.12 -0.36 0.00	18.80 -0.54 0.00	15.84 -0.61 0.00	18.88 -0.80 0.00	20.01 -0.76 0.00	21.19 -0.95 0.00	22.27 -0.92 0.00	22.53 -1.11 0.00	20.97 -0.99 0.00	16.78 -1.03 3.12	19.12 -1.00 0.00	19.40 -0.48 0.00	19.43 -0.29 0.00	19.32 0.04 0.00	20.93 0.29 0.00	22.90 0.30 0.00	20.26 0.16 0.00

FALCON___SEABRD_CC2 323797	14.15 -0.45 0.00	14.97 -0.57 0.00	14.78 -0.62 0.00	11.39 -0.43 0.00	9.70 -0.29 0.00	10.66 -0.15 0.00	15.08 -0.18 0.00	19.12 -0.36 0.00	18.80 -0.54 0.00	15.84 -0.61 0.00	18.88 -0.80 0.00	20.01 -0.76 0.00	21.19 -0.95 0.00	22.27 -0.92 0.00	22.53 -1.11 0.00	20.97 -0.99 0.00	16.78 -1.03 3.12	19.12 -1.00 0.00	19.40 -0.48 0.00	19.43 -0.29 0.00	19.32 0.04 0.00	20.93 0.29 0.00	22.90 0.30 0.00	20.26 0.16 0.00
FAR ROCKAWAY___4 23548	16.04 1.43 0.00	16.88 1.34 0.00	16.69 1.29 0.00	12.74 0.93 0.00	10.75 0.75 0.00	11.62 0.81 0.00	16.53 1.27 0.00	21.03 1.54 0.00	20.87 1.54 0.00	17.80 1.35 0.00	21.54 1.86 0.00	22.83 2.07 0.00	24.38 2.24 0.00	25.56 2.37 0.00	26.20 2.56 0.00	24.44 2.48 0.00	23.10 2.17 0.00	22.35 2.24 0.00	21.99 2.11 0.00	21.68 1.96 0.00	21.15 1.87 0.00	22.59 1.95 0.00	24.79 2.19 0.00	21.87 1.77 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	15.68 1.07 0.00	16.57 1.02 0.00	16.41 1.01 0.00	12.58 0.76 0.00	10.60 0.61 0.00	11.45 0.63 0.00	16.24 0.98 0.00	20.78 1.30 0.00	20.69 1.35 0.00	17.67 1.22 0.00	21.19 1.51 0.00	22.44 1.68 0.00	23.97 1.83 0.00	25.18 1.99 0.00	25.85 2.20 0.00	24.12 2.17 0.00	22.98 2.05 0.00	22.17 2.06 0.00	21.85 1.98 0.00	21.52 1.80 0.00	20.82 1.54 0.00	22.18 1.54 0.00	24.23 1.63 0.00	21.41 1.31 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	15.69 1.08 0.00	16.57 1.02 0.00	16.41 1.01 0.00	12.58 0.77 0.00	10.60 0.61 0.00	11.45 0.64 0.00	16.25 0.99 0.00	20.79 1.30 0.00	20.69 1.35 0.00	17.67 1.22 0.00	21.19 1.51 0.00	22.44 1.68 0.00	23.96 1.83 0.00	25.18 1.99 0.00	25.85 2.20 0.00	24.12 2.17 0.00	22.98 2.05 0.00	22.17 2.06 0.00	21.85 1.98 0.00	21.52 1.80 0.00	20.83 1.55 0.00	22.18 1.54 0.00	24.24 1.64 0.00	21.42 1.31 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	15.67 1.06 0.00	16.56 1.01 0.00	16.40 1.00 0.00	12.57 0.76 0.00	10.59 0.60 0.00	11.45 0.63 0.00	16.24 0.98 0.00	20.77 1.29 0.00	20.68 1.34 0.00	17.66 1.22 0.00	21.18 1.50 0.00	22.43 1.67 0.00	23.95 1.81 0.00	25.17 1.98 0.00	25.83 2.19 0.00	24.11 2.15 0.00	22.97 2.04 0.00	22.17 2.05 0.00	21.84 1.96 0.00	21.50 1.78 0.00	20.81 1.53 0.00	22.17 1.52 0.00	24.22 1.62 0.00	21.40 1.30 0.00
FARRAGUT___LBMP 323566	15.66 1.05 0.00	16.55 1.00 0.00	16.39 0.99 0.00	12.56 0.75 0.00	10.58 0.59 0.00	11.44 0.62 0.00	16.22 0.96 0.00	20.75 1.27 0.00	20.66 1.32 0.00	17.64 1.19 0.00	21.15 1.47 0.00	22.40 1.64 0.00	23.92 1.78 0.00	25.14 1.96 0.00	25.80 2.16 0.00	24.08 2.13 0.00	22.95 2.01 0.00	22.14 2.03 0.00	21.82 1.94 0.00	21.49 1.76 0.00	20.79 1.51 0.00	22.15 1.51 0.00	24.21 1.61 0.00	21.39 1.29 0.00
FENNER___WINDPWR 24204	14.77 0.15 0.00	15.70 0.16 0.00	15.56 0.16 0.00	11.94 0.12 0.00	10.13 0.10 -0.04	11.14 0.14 -0.19	15.52 0.26 0.00	19.84 0.36 0.00	19.71 0.37 0.00	16.77 0.32 0.00	20.08 0.40 0.00	21.17 0.40 0.00	22.54 0.40 0.00	23.66 0.47 0.00	24.10 0.46 0.00	22.37 0.41 0.00	21.34 0.41 0.00	20.56 0.45 0.00	20.30 0.42 0.00	20.18 0.45 0.00	19.72 0.44 0.00	21.07 0.42 0.00	23.03 0.43 0.00	20.47 0.37 0.00
FIBERTEK___ENERGY 23856	14.57 -0.04 0.00	15.49 -0.05 0.00	15.36 -0.03 0.00	11.76 -0.05 0.00	9.93 -0.06 0.00	10.77 -0.04 0.00	15.25 -0.01 0.00	19.48 0.00 0.00	19.34 0.00 0.00	16.46 0.02 0.00	19.71 0.03 0.00	20.76 0.00 0.00	22.11 -0.03 0.00	23.12 -0.07 0.00	23.55 -0.09 0.00	21.82 -0.13 0.00	20.82 -0.11 0.00	20.07 -0.05 0.00	19.84 -0.04 0.00	19.69 -0.03 0.00	19.22 -0.06 0.00	20.51 -0.13 0.00	22.43 -0.16 0.00	20.07 -0.04 0.00
FITZPATRICK____ 23598	14.24 -0.37 0.00	15.15 -0.39 0.00	15.03 -0.37 0.00	11.52 -0.29 0.00	9.72 -0.27 0.00	10.53 -0.28 0.00	14.87 -0.40 0.00	18.96 -0.53 0.00	18.83 -0.51 0.00	16.02 -0.42 0.00	19.18 -0.51 0.00	20.20 -0.56 0.00	21.52 -0.62 0.00	22.50 -0.69 0.00	22.89 -0.76 0.00	21.23 -0.72 0.00	20.24 -0.69 0.00	19.48 -0.64 0.00	19.26 -0.62 0.00	19.13 -0.60 0.00	18.69 -0.59 0.00	19.95 -0.69 0.00	21.86 -0.73 0.00	19.58 -0.52 0.00
FLOWRFLD_69_KV_BK1 356044	15.99 1.38 0.00	17.03 1.48 0.00	16.85 1.45 0.00	12.81 0.99 0.00	10.82 0.83 0.00	11.70 0.89 0.00	16.64 1.38 0.00	21.07 1.59 0.00	20.87 1.54 0.00	17.71 1.27 0.00	21.49 1.81 0.00	22.82 2.06 0.00	24.35 2.21 0.00	25.45 2.26 0.00	26.07 2.43 0.00	24.32 2.36 0.00	23.17 2.24 0.00	22.49 2.37 0.00	22.08 2.20 0.00	21.70 1.98 0.00	21.00 1.72 0.00	22.49 1.85 0.00	24.83 2.24 0.00	21.97 1.87 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	15.52 0.91 0.00	16.45 0.90 0.00	16.31 0.91 0.00	12.50 0.68 0.00	10.54 0.55 0.00	11.40 0.59 0.00	16.16 0.90 0.00	20.66 1.18 0.00	20.50 1.16 0.00	17.47 1.03 0.00	20.97 1.29 0.00	22.18 1.41 0.00	23.69 1.55 0.00	24.90 1.71 0.00	25.50 1.86 0.00	23.76 1.80 0.00	22.67 1.74 0.00	21.90 1.78 0.00	21.62 1.75 0.00	21.34 1.61 0.00	20.68 1.40 0.00	22.04 1.39 0.00	24.06 1.47 0.00	21.28 1.18 0.00
FORT ORANGE____ 23900	15.13 0.52 0.00	16.11 0.56 0.00	15.99 0.59 0.00	12.29 0.47 0.00	10.37 0.38 0.00	11.20 0.39 0.00	15.79 0.52 0.00	19.97 0.49 0.00	19.71 0.37 0.00	16.76 0.31 0.00	20.09 0.41 0.00	21.17 0.41 0.00	22.65 0.51 0.00	23.77 0.58 0.00	24.20 0.56 0.00	22.51 0.55 0.00	21.52 0.58 0.00	20.78 0.66 0.00	20.57 0.69 0.00	20.46 0.73 0.00	19.87 0.59 0.00	21.19 0.55 0.00	23.20 0.61 0.00	20.57 0.46 0.00
FORT_DRUM_COGEN 23780	14.19 -0.42 0.00	15.15 -0.40 0.00	15.03 -0.37 0.00	11.62 -0.19 0.00	9.93 -0.06 0.00	10.79 -0.02 0.00	15.25 -0.02 0.00	19.56 0.07 0.00	19.28 -0.06 0.00	16.35 -0.09 0.00	19.93 0.25 0.00	21.25 0.49 0.00	22.65 0.51 0.00	23.56 0.37 0.00	23.97 0.33 0.00	21.96 0.00 0.00	20.55 0.24 0.62	20.37 0.25 0.00	20.25 0.37 0.00	20.21 0.48 0.00	19.78 0.50 0.00	21.21 0.57 0.00	23.15 0.56 0.00	20.54 0.44 0.00
FOX_HILLS___ESR 323835	15.74 1.13 0.00	16.62 1.07 0.00	16.51 1.11 0.00	12.72 0.90 -0.01	10.72 0.73 -0.01	11.58 0.76 -0.01	16.26 0.99 0.00	20.80 1.32 0.00	20.69 1.35 0.00	17.65 1.21 0.00	21.14 1.46 0.00	22.45 1.68 0.00	24.04 1.89 0.00	25.24 2.05 0.00	25.91 2.27 -0.01	24.18 2.21 -0.02	23.01 2.07 0.00	22.21 2.08 -0.01	21.88 2.00 0.00	21.58 1.83 -0.02	42.29 1.58 -21.43	37.20 1.57 -14.99	24.32 1.72 0.00	21.56 1.45 -0.01
FPL FAR_ROCK_GT1 24212	16.04 1.43 0.00	16.88 1.34 0.00	16.69 1.29 0.00	12.74 0.93 0.00	10.75 0.76 0.00	11.62 0.81 0.00	16.53 1.27 0.00	21.03 1.55 0.00	20.87 1.54 0.00	17.80 1.35 0.00	21.54 1.86 0.00	22.83 2.07 0.00	24.39 2.25 0.00	25.55 2.37 0.00	26.20 2.55 0.00	24.44 2.48 0.00	23.10 2.17 0.00	22.35 2.24 0.00	21.99 2.11 0.00	21.68 1.96 0.00	21.15 1.87 0.00	22.59 1.95 0.00	24.79 2.19 0.00	21.87 1.77 0.00



FPL FAR_ROCK_GT2 23815	16.04 1.43 0.00	16.88 1.34 0.00	16.69 1.29 0.00	12.74 0.93 0.00	10.75 0.76 0.00	11.62 0.81 0.00	16.53 1.27 0.00	21.03 1.55 0.00	20.87 1.54 0.00	17.80 1.35 0.00	21.54 1.86 0.00	22.83 2.07 0.00	24.39 2.25 0.00	25.55 2.37 0.00	26.20 2.55 0.00	24.44 2.48 0.00	23.10 2.17 0.00	22.35 2.24 0.00	21.99 2.11 0.00	21.68 1.96 0.00	21.15 1.87 0.00	22.59 1.95 0.00	24.79 2.19 0.00	21.87 1.77 0.00
FRANKLIN_FALL_HYD 24054	14.22 -0.39 0.00	15.10 -0.44 0.00	14.94 -0.46 0.00	11.53 -0.28 0.00	9.81 -0.19 0.00	10.69 -0.12 0.00	15.04 -0.23 0.00	19.18 -0.30 0.00	18.97 -0.37 0.00	16.00 -0.44 0.00	19.10 -0.58 0.00	20.17 -0.59 0.00	21.50 -0.64 0.00	22.58 -0.60 0.00	22.90 -0.74 0.00	21.27 -0.69 0.00	17.26 -0.73 2.94	19.35 -0.76 0.00	19.36 -0.51 0.00	19.35 -0.38 0.00	19.17 -0.11 0.00	20.71 0.07 0.00	22.69 0.10 0.00	20.11 0.01 0.00
FREEPORT_EQUS_GT1 23764	15.84 1.23 0.00	16.79 1.25 0.00	16.60 1.21 0.00	12.67 0.86 0.00	10.69 0.70 0.00	11.57 0.75 0.00	16.45 1.19 0.00	20.91 1.43 0.00	20.75 1.42 0.00	17.68 1.23 0.00	21.37 1.69 0.00	22.66 1.90 0.00	24.19 2.05 0.00	25.34 2.16 0.00	25.98 2.34 0.00	24.24 2.29 0.00	23.10 2.16 0.00	22.35 2.23 0.00	21.98 2.10 0.00	21.65 1.93 0.00	20.97 1.69 0.00	22.41 1.77 0.00	24.63 2.04 0.00	21.75 1.65 0.00
FREEPORT___CT2 23818	15.84 1.23 0.00	16.79 1.25 0.00	16.60 1.21 0.00	12.67 0.86 0.00	10.69 0.70 0.00	11.57 0.75 0.00	16.45 1.19 0.00	20.91 1.43 0.00	20.75 1.42 0.00	17.68 1.23 0.00	21.37 1.69 0.00	22.66 1.90 0.00	24.19 2.05 0.00	25.34 2.16 0.00	25.98 2.34 0.00	24.24 2.29 0.00	23.10 2.16 0.00	22.35 2.23 0.00	21.98 2.10 0.00	21.65 1.93 0.00	20.97 1.69 0.00	22.41 1.77 0.00	24.63 2.04 0.00	21.75 1.65 0.00
FRESHKLS_33_KV_LOAD 356253	15.76 1.15 0.00	16.64 1.10 0.00	16.56 1.16 0.00	12.79 0.97 -0.01	10.78 0.78 -0.01	11.64 0.82 -0.01	16.26 1.00 0.00	20.80 1.32 0.00	20.67 1.34 0.00	17.63 1.18 0.00	21.10 1.42 0.00	22.43 1.66 0.00	24.03 1.89 0.00	25.22 2.03 -0.01	25.91 2.26 -0.02	24.18 2.21 -0.02	23.02 2.08 0.00	22.21 2.09 -0.01	21.90 2.02 0.00	21.59 1.85 -0.02	42.29 1.58 -21.43	37.21 1.58 -14.99	24.34 1.74 0.00	21.62 1.51 -0.01
FULTON COGEN____ 23766	14.38 -0.23 0.00	15.30 -0.24 0.00	15.17 -0.23 0.00	11.62 -0.19 0.00	9.81 -0.18 0.00	10.63 -0.18 0.00	15.04 -0.22 0.00	19.21 -0.27 0.00	19.08 -0.25 0.00	16.23 -0.21 0.00	19.42 -0.26 0.00	20.47 -0.29 0.00	21.81 -0.33 0.00	22.80 -0.39 0.00	23.21 -0.43 0.00	21.49 -0.46 0.00	20.51 -0.42 0.00	19.77 -0.34 0.00	19.56 -0.32 0.00	19.42 -0.31 0.00	18.96 -0.32 0.00	20.24 -0.40 0.00	22.15 -0.45 0.00	19.81 -0.29 0.00
FULTON___LFGE 323630	15.55 0.94 0.00	16.83 1.29 0.00	16.71 1.31 0.00	12.79 0.97 0.00	10.81 0.82 0.00	11.72 0.90 0.00	16.50 1.24 0.00	21.04 1.55 0.00	20.82 1.48 0.00	17.75 1.30 0.00	20.73 1.05 0.00	21.00 0.24 0.00	22.97 0.83 0.00	24.77 1.58 0.00	24.97 1.32 0.00	22.59 0.64 0.00	21.90 0.97 0.00	21.73 1.61 0.00	21.65 1.78 0.00	21.48 1.76 0.00	21.10 1.82 0.00	22.49 1.84 0.00	24.52 1.92 0.00	21.65 1.54 0.00
G.F.CEMENT___DRP 24184	15.66 1.05 0.00	16.65 1.11 0.00	16.51 1.11 0.00	12.67 0.86 0.00	10.72 0.73 0.00	11.60 0.78 0.00	16.44 1.18 0.00	20.93 1.45 0.00	20.68 1.34 0.00	17.61 1.16 0.00	21.14 1.46 0.00	22.21 1.45 0.00	23.73 1.59 0.00	25.03 1.84 0.00	25.53 1.89 0.00	23.63 1.68 0.00	22.61 1.68 0.00	21.78 1.66 0.00	21.46 1.58 0.00	21.12 1.39 0.00	20.68 1.40 0.00	22.02 1.38 0.00	24.21 1.62 0.00	21.43 1.33 0.00
GARDENVILLE___LBMP 24039	14.13 -0.48 0.00	15.13 -0.42 0.00	15.07 -0.33 0.00	11.50 -0.31 0.00	9.54 -0.40 0.05	10.21 -0.33 0.28	14.90 -0.37 0.00	19.11 -0.37 0.00	19.04 -0.29 0.00	16.13 -0.32 0.00	19.29 -0.39 0.00	20.27 -0.49 0.00	21.50 -0.64 0.00	22.47 -0.72 0.00	22.95 -0.70 0.00	21.20 -0.75 0.00	20.16 -0.78 0.00	19.30 -0.81 0.00	19.12 -0.75 0.00	19.10 -0.63 0.00	18.75 -0.53 0.00	19.99 -0.65 0.00	21.93 -0.66 0.00	19.43 -0.67 0.00
GARDNVLA_35_KV_LD 355827	14.19 -0.42 0.00	15.19 -0.36 0.00	15.12 -0.28 0.00	11.54 -0.27 0.00	9.57 -0.37 0.05	10.25 -0.29 0.28	14.95 -0.31 0.00	19.18 -0.30 0.00	19.12 -0.21 0.00	16.19 -0.26 0.00	19.38 -0.31 0.00	20.36 -0.40 0.00	21.60 -0.54 0.00	22.58 -0.61 0.00	23.05 -0.59 0.00	21.31 -0.65 0.00	20.24 -0.69 0.00	19.38 -0.73 0.00	19.21 -0.67 0.00	19.18 -0.54 0.00	18.83 -0.45 0.00	20.08 -0.56 0.00	22.03 -0.57 0.00	19.50 -0.60 0.00
GELCKHM___115KV_LOAD 80723	14.47 -0.14 0.00	15.40 -0.15 0.00	15.27 -0.13 0.00	11.70 -0.11 0.00	9.88 -0.12 0.00	10.70 -0.11 0.00	15.14 -0.12 0.00	19.33 -0.15 0.00	19.20 -0.13 0.00	16.35 -0.10 0.00	19.57 -0.11 0.00	20.62 -0.14 0.00	21.96 -0.18 0.00	22.96 -0.22 0.00	23.38 -0.26 0.00	21.68 -0.27 0.00	20.68 -0.25 0.00	19.93 -0.19 0.00	19.69 -0.19 0.00	19.54 -0.18 0.00	19.08 -0.20 0.00	20.36 -0.28 0.00	22.29 -0.31 0.00	19.93 -0.18 0.00
GENERAL___MILLS 23808	14.16 -0.45 0.00	15.17 -0.38 0.00	15.11 -0.29 0.00	11.52 -0.29 0.00	9.56 -0.38 0.05	10.23 -0.30 0.28	14.93 -0.33 0.00	19.16 -0.33 0.00	19.09 -0.25 0.00	16.17 -0.28 0.00	19.35 -0.34 0.00	20.32 -0.44 0.00	21.56 -0.58 0.00	22.54 -0.65 0.00	23.01 -0.63 0.00	21.26 -0.69 0.00	20.20 -0.73 0.00	19.34 -0.77 0.00	19.17 -0.70 0.00	19.14 -0.58 0.00	18.79 -0.49 0.00	20.04 -0.60 0.00	21.99 -0.60 0.00	19.47 -0.64 0.00
GE_PLASTICS___DRP 24183	15.04 0.43 0.00	16.00 0.46 0.00	15.88 0.49 0.00	12.20 0.38 0.00	10.30 0.31 0.00	11.12 0.30 0.00	15.69 0.42 0.00	19.92 0.43 0.00	19.70 0.36 0.00	16.77 0.32 0.00	20.09 0.41 0.00	21.19 0.43 0.00	22.64 0.49 0.00	23.74 0.55 0.00	24.21 0.57 0.00	22.52 0.56 0.00	21.50 0.56 0.00	20.74 0.62 0.00	20.51 0.63 0.00	20.35 0.62 0.00	19.78 0.50 0.00	21.10 0.46 0.00	23.10 0.51 0.00	20.50 0.39 0.00
GILBOA___1 23756	15.01 0.40 0.00	16.00 0.45 0.00	15.87 0.47 0.00	12.16 0.35 0.00	10.27 0.28 0.00	11.07 0.25 0.00	15.65 0.39 0.00	19.97 0.48 0.00	19.81 0.47 0.00	16.87 0.42 0.00	20.20 0.52 0.00	21.32 0.56 0.00	22.75 0.61 0.00	23.87 0.68 0.00	24.38 0.73 0.00	22.66 0.71 0.00	21.62 0.68 0.00	20.84 0.73 0.00	20.59 0.71 0.00	20.38 0.66 0.00	19.82 0.54 0.00	21.16 0.51 0.00	23.15 0.55 0.00	20.54 0.44 0.00
GILBOA___2 23757	15.01 0.40 0.00	16.00 0.45 0.00	15.87 0.47 0.00	12.16 0.35 0.00	10.27 0.28 0.00	11.07 0.25 0.00	15.65 0.39 0.00	19.97 0.48 0.00	19.81 0.47 0.00	16.87 0.42 0.00	20.20 0.52 0.00	21.32 0.56 0.00	22.75 0.61 0.00	23.87 0.68 0.00	24.38 0.73 0.00	22.66 0.71 0.00	21.62 0.68 0.00	20.84 0.73 0.00	20.59 0.71 0.00	20.38 0.66 0.00	19.82 0.54 0.00	21.16 0.51 0.00	23.15 0.55 0.00	20.54 0.44 0.00

GILBOA___3 23758	15.01 0.40 0.00	16.00 0.45 0.00	15.87 0.47 0.00	12.16 0.35 0.00	10.27 0.28 0.00	11.07 0.25 0.00	15.65 0.39 0.00	19.97 0.48 0.00	19.81 0.47 0.00	16.87 0.42 0.00	20.20 0.52 0.00	21.32 0.56 0.00	22.75 0.61 0.00	23.87 0.68 0.00	24.38 0.73 0.00	22.66 0.71 0.00	21.62 0.68 0.00	20.84 0.73 0.00	20.59 0.71 0.00	20.38 0.66 0.00	19.82 0.54 0.00	21.16 0.51 0.00	23.15 0.55 0.00	20.54 0.44 0.00
GILBOA___4 23759	15.01 0.40 0.00	16.00 0.45 0.00	15.87 0.47 0.00	12.16 0.35 0.00	10.27 0.28 0.00	11.07 0.25 0.00	15.65 0.39 0.00	19.97 0.48 0.00	19.81 0.47 0.00	16.87 0.42 0.00	20.20 0.52 0.00	21.32 0.56 0.00	22.75 0.61 0.00	23.87 0.68 0.00	24.38 0.73 0.00	22.66 0.71 0.00	21.62 0.68 0.00	20.84 0.73 0.00	20.59 0.71 0.00	20.38 0.66 0.00	19.82 0.54 0.00	21.16 0.51 0.00	23.15 0.55 0.00	20.54 0.44 0.00
GILBOA___ 23599	15.01 0.40 0.00	16.00 0.45 0.00	15.87 0.47 0.00	12.16 0.35 0.00	10.27 0.28 0.00	11.07 0.25 0.00	15.65 0.39 0.00	19.97 0.48 0.00	19.81 0.47 0.00	16.87 0.42 0.00	20.20 0.52 0.00	21.32 0.56 0.00	22.75 0.62 0.00	23.87 0.68 0.00	24.38 0.74 0.00	22.66 0.71 0.00	21.62 0.69 0.00	20.85 0.73 0.00	20.59 0.71 0.00	20.38 0.66 0.00	19.82 0.54 0.00	21.16 0.51 0.00	23.15 0.55 0.00	20.54 0.44 0.00
GINNA___ 23603	13.72 -0.89 0.00	14.63 -0.92 0.00	14.52 -0.88 0.00	11.11 -0.70 0.00	9.31 -0.66 0.03	10.02 -0.65 0.14	14.41 -0.86 0.00	18.44 -1.05 0.00	18.37 -0.97 0.00	15.61 -0.84 0.00	18.71 -0.97 0.00	19.71 -1.06 0.00	20.93 -1.21 0.00	21.85 -1.34 0.00	22.28 -1.37 0.00	20.62 -1.33 0.00	19.64 -1.30 0.00	18.85 -1.26 0.00	18.64 -1.24 0.00	18.56 -1.17 0.00	18.18 -1.10 0.00	19.38 -1.27 0.00	21.18 -1.41 0.00	18.82 -1.28 0.00
GLEN PARK___ 23778	14.25 -0.36 0.00	15.20 -0.34 0.00	15.09 -0.31 0.00	11.66 -0.16 0.00	9.96 -0.03 0.00	10.83 0.01 0.00	15.31 0.05 0.00	19.65 0.16 0.00	19.37 0.03 0.00	16.44 -0.01 0.00	20.02 0.34 0.00	21.35 0.59 0.00	22.73 0.59 0.00	23.63 0.43 0.00	24.06 0.41 0.00	22.00 0.05 0.00	20.67 0.33 0.59	20.47 0.35 0.00	20.35 0.47 0.00	20.30 0.58 0.00	19.88 0.60 0.00	21.31 0.67 0.00	23.24 0.65 0.00	20.61 0.51 0.00
GLENDALE_27_KV_LOAD 356172	15.76 1.15 0.00	16.64 1.10 0.00	16.49 1.09 0.00	12.65 0.83 -0.01	10.66 0.66 -0.01	11.52 0.70 -0.01	16.32 1.06 0.00	20.89 1.40 0.00	20.79 1.46 0.00	17.76 1.31 0.00	21.28 1.60 0.00	22.55 1.79 0.00	24.10 1.96 0.00	25.32 2.14 0.00	25.97 2.33 0.00	24.24 2.28 0.00	23.09 2.16 0.00	22.29 2.17 0.00	21.95 2.08 0.00	21.62 1.90 0.00	20.92 1.64 0.00	22.28 1.64 0.00	24.34 1.75 0.00	21.51 1.41 0.00
GLENWOOD_IC_1_G5 23712	15.73 1.12 0.00	16.66 1.11 0.00	16.49 1.09 0.00	12.61 0.79 0.00	10.63 0.64 0.00	11.49 0.68 0.00	16.33 1.07 0.00	20.83 1.35 0.00	20.71 1.37 0.00	17.67 1.22 0.00	21.31 1.63 0.00	22.58 1.82 0.00	24.10 1.97 0.00	25.29 2.10 0.00	25.94 2.29 0.00	24.20 2.24 0.00	23.06 2.13 0.00	22.27 2.15 0.00	21.88 2.00 0.00	21.54 1.82 0.00	20.85 1.57 0.00	22.30 1.66 0.00	24.41 1.81 0.00	21.56 1.46 0.00
GLENWOOD_IC_2_G1 23688	15.67 1.06 0.00	16.58 1.04 0.00	16.42 1.02 0.00	12.56 0.75 0.00	10.59 0.60 0.00	11.45 0.64 0.00	16.26 1.00 0.00	20.75 1.27 0.00	20.63 1.29 0.00	17.59 1.15 0.00	21.19 1.51 0.00	22.44 1.68 0.00	23.97 1.83 0.00	25.15 1.96 0.00	25.79 2.15 0.00	24.06 2.10 0.00	22.92 1.98 0.00	22.14 2.02 0.00	21.80 1.93 0.00	21.49 1.76 0.00	20.80 1.52 0.00	22.19 1.54 0.00	24.27 1.67 0.00	21.45 1.35 0.00
GLENWOOD_IC_3_G1 23689	15.67 1.06 0.00	16.58 1.04 0.00	16.42 1.02 0.00	12.56 0.75 0.00	10.59 0.60 0.00	11.45 0.64 0.00	16.26 1.00 0.00	20.75 1.27 0.00	20.63 1.29 0.00	17.59 1.15 0.00	21.19 1.51 0.00	22.44 1.68 0.00	23.97 1.83 0.00	25.15 1.96 0.00	25.79 2.15 0.00	24.06 2.10 0.00	22.92 1.98 0.00	22.14 2.02 0.00	21.80 1.93 0.00	21.49 1.76 0.00	20.80 1.52 0.00	22.19 1.54 0.00	24.27 1.67 0.00	21.45 1.35 0.00
GLENWOOD___4 23550	15.73 1.12 0.00	16.66 1.11 0.00	16.49 1.09 0.00	12.61 0.79 0.00	10.63 0.64 0.00	11.49 0.68 0.00	16.33 1.07 0.00	20.83 1.35 0.00	20.71 1.37 0.00	17.67 1.22 0.00	21.31 1.63 0.00	22.58 1.82 0.00	24.10 1.97 0.00	25.29 2.10 0.00	25.94 2.29 0.00	24.20 2.24 0.00	23.06 2.13 0.00	22.27 2.16 0.00	21.90 2.02 0.00	21.57 1.84 0.00	20.87 1.59 0.00	22.30 1.66 0.00	24.41 1.81 0.00	21.56 1.46 0.00
GLENWOOD___5 23614	15.73 1.12 0.00	16.66 1.11 0.00	16.49 1.09 0.00	12.61 0.79 0.00	10.63 0.64 0.00	11.49 0.68 0.00	16.33 1.07 0.00	20.83 1.35 0.00	20.71 1.37 0.00	17.67 1.22 0.00	21.31 1.63 0.00	22.58 1.82 0.00	24.10 1.97 0.00	25.29 2.10 0.00	25.94 2.29 0.00	24.20 2.24 0.00	23.06 2.13 0.00	22.27 2.16 0.00	21.90 2.02 0.00	21.57 1.84 0.00	20.87 1.59 0.00	22.30 1.66 0.00	24.41 1.81 0.00	21.56 1.46 0.00
GLOBAL GREEN_PORT_GT1 23814	16.32 1.72 0.00	17.48 1.94 0.00	17.32 1.92 0.00	13.13 1.31 0.00	11.08 1.09 0.00	12.03 1.22 0.00	17.20 1.94 0.00	21.66 2.17 0.00	21.43 2.09 0.00	18.15 1.70 0.00	22.03 2.35 0.00	23.40 2.63 0.00	24.93 2.79 0.00	26.08 2.89 0.00	26.75 3.10 0.00	25.01 3.06 0.00	23.86 2.92 0.00	23.19 3.08 0.00	22.85 2.97 0.00	22.48 2.76 0.00	21.18 1.90 0.00	22.40 1.75 0.00	25.07 2.48 0.00	22.38 2.28 0.00
GLOBE___DSASP 323697	13.73 -0.88 0.00	14.72 -0.82 0.00	14.66 -0.74 0.00	11.20 -0.61 0.00	9.26 -0.68 0.05	9.95 -0.62 0.24	14.43 -0.84 0.00	18.50 -0.99 0.00	18.44 -0.90 0.00	15.60 -0.85 0.00	18.65 -1.03 0.00	19.51 -1.25 0.00	20.69 -1.45 0.00	21.58 -1.61 0.00	22.03 -1.62 0.00	20.36 -1.60 0.00	19.31 -1.62 0.00	18.42 -1.70 0.00	18.24 -1.64 0.00	18.26 -1.46 0.00	17.97 -1.31 0.00	19.15 -1.50 0.00	21.08 -1.52 0.00	18.75 -1.35 0.00
GOETHSLN___LBMP 323567	15.64 1.03 0.00	16.51 0.97 0.00	16.34 0.94 0.00	12.52 0.70 0.00	10.54 0.55 0.00	11.39 0.58 0.00	16.19 0.93 0.00	20.70 1.22 0.00	20.61 1.28 0.00	17.60 1.15 0.00	21.10 1.42 0.00	22.35 1.59 0.00	23.86 1.72 0.00	25.08 1.89 0.00	25.73 2.09 0.00	24.03 2.07 0.00	22.89 1.96 0.00	22.09 1.97 0.00	21.76 1.89 0.00	21.44 1.71 0.00	20.76 1.47 0.00	22.11 1.46 0.00	24.14 1.55 0.00	21.34 1.23 0.00
GOLAH___69_KV_TB 1_2 80279	14.37 -0.24 0.00	15.35 -0.20 0.00	15.25 -0.15 0.00	11.66 -0.15 0.00	9.73 -0.22 0.03	10.50 -0.16 0.16	15.12 -0.14 0.00	19.38 -0.11 0.00	19.31 -0.03 0.00	16.39 -0.05 0.00	19.62 -0.06 0.00	20.66 -0.10 0.00	21.93 -0.21 0.00	22.90 -0.29 0.00	23.35 -0.29 0.00	21.62 -0.33 0.00	20.56 -0.38 0.00	19.72 -0.40 0.00	19.51 -0.37 0.00	19.45 -0.28 0.00	19.07 -0.21 0.00	20.32 -0.32 0.00	22.24 -0.36 0.00	19.72 -0.38 0.00

GOODYEAR_LAKE_HYD 323669	15.00 0.39 0.00	15.95 0.41 0.00	15.82 0.42 0.00	12.12 0.31 0.00	10.25 0.25 -0.01	11.15 0.29 -0.05	15.75 0.48 0.00	20.22 0.74 0.00	20.10 0.76 0.00	17.08 0.64 0.00	20.45 0.77 0.00	21.57 0.81 0.00	23.01 0.87 0.00	24.12 0.93 0.00	24.66 1.01 0.00	22.94 0.99 0.00	21.85 0.92 0.00	21.06 0.94 0.00	20.81 0.94 0.00	20.61 0.89 0.00	20.06 0.78 0.00	21.40 0.76 0.00	23.38 0.79 0.00	20.75 0.64 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	14.62 0.01 0.00	15.55 0.00 0.00	15.44 0.04 0.00	11.80 -0.01 0.00	9.96 -0.04 -0.01	10.85 -0.01 -0.04	15.35 0.08 0.00	19.60 0.12 0.00	19.51 0.17 0.00	16.64 0.19 0.00	19.90 0.21 0.00	20.96 0.20 0.00	22.33 0.19 0.00	23.42 0.24 0.00	23.93 0.29 0.00	22.17 0.22 0.00	21.13 0.19 0.00	20.36 0.24 0.00	20.14 0.26 0.00	19.95 0.22 0.00	19.44 0.16 0.00	20.74 0.10 0.00	22.71 0.11 0.00	20.21 0.11 0.00
GOUDEY___7 23579	14.63 0.02 0.00	15.56 0.01 0.00	15.45 0.05 0.00	11.81 0.00 0.00	9.97 -0.03 -0.01	10.85 0.00 -0.04	15.36 0.10 0.00	19.62 0.14 0.00	19.53 0.19 0.00	16.65 0.21 0.00	19.91 0.23 0.00	20.98 0.22 0.00	22.35 0.21 0.00	23.44 0.26 0.00	23.96 0.32 0.00	22.19 0.24 0.00	21.14 0.21 0.00	20.38 0.27 0.00	20.16 0.28 0.00	19.97 0.24 0.00	19.45 0.17 0.00	20.76 0.12 0.00	22.72 0.12 0.00	20.23 0.12 0.00
GOUDEY___8 23580	14.62 0.01 0.00	15.55 0.00 0.00	15.44 0.04 0.00	11.80 -0.01 0.00	9.96 -0.04 -0.01	10.85 -0.01 -0.04	15.35 0.08 0.00	19.60 0.12 0.00	19.51 0.17 0.00	16.64 0.19 0.00	19.90 0.21 0.00	20.96 0.20 0.00	22.33 0.19 0.00	23.42 0.24 0.00	23.93 0.29 0.00	22.17 0.22 0.00	21.13 0.19 0.00	20.36 0.24 0.00	20.14 0.26 0.00	19.95 0.22 0.00	19.44 0.16 0.00	20.74 0.10 0.00	22.71 0.11 0.00	20.21 0.11 0.00
GOWANUS_GT1_1 24077	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT1_2 24078	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT1_3 24079	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT1_4 24080	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT1_5 24084	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT1_6 24111	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT1_7 24112	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT1_8 24113	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT2_1 24114	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT2_2 24115	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT2_3 24116	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01

GOWANUS_GT2_4 24117	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT2_5 24118	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT2_6 24119	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT2_7 24120	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT2_8 24121	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT3_1 24122	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT3_2 24123	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT3_3 24124	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT3_4 24125	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT3_5 24126	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT3_6 24127	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT3_7 24128	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT3_8 24129	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT4_1 24130	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT4_2 24131	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01

GOWANUS_GT4_3 24132	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT4_4 24133	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT4_5 24134	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT4_6 24135	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT4_7 24136	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GOWANUS_GT4_8 24137	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GREENBSH_115KV_TB3 55895	15.06 0.45 0.00	16.03 0.49 0.00	15.93 0.52 0.00	12.23 0.42 0.00	10.33 0.34 0.00	11.15 0.34 0.00	15.71 0.45 0.00	19.88 0.40 0.00	19.63 0.30 0.00	16.71 0.26 0.00	20.04 0.36 0.00	21.11 0.35 0.00	22.57 0.43 0.00	23.67 0.48 0.00	24.12 0.48 0.00	22.42 0.47 0.00	21.43 0.49 0.00	20.68 0.56 0.00	20.45 0.57 0.00	20.34 0.62 0.00	19.76 0.48 0.00	21.07 0.42 0.00	23.09 0.49 0.00	20.46 0.36 0.00
GREENIDGE_115KV_TB5 80291	14.51 -0.11 0.00	15.44 -0.10 0.00	15.36 -0.04 0.00	11.73 -0.08 0.00	9.74 -0.12 0.13	10.09 -0.06 0.66	15.30 0.04 0.00	19.59 0.11 0.00	19.43 0.10 0.00	16.45 0.00 0.00	19.66 -0.02 0.00	20.64 -0.12 0.00	21.89 -0.25 0.00	23.04 -0.15 0.00	23.55 -0.09 0.00	21.72 -0.24 0.00	20.77 -0.16 0.00	20.02 -0.10 0.00	19.83 -0.04 0.00	19.73 0.01 0.00	19.30 0.02 0.00	20.60 -0.05 0.00	22.51 -0.09 0.00	20.01 -0.10 0.00
GREENIDGE___3 23582	14.51 -0.11 0.00	15.44 -0.10 0.00	15.36 -0.04 0.00	11.73 -0.08 0.00	9.74 -0.12 0.13	10.09 -0.06 0.66	15.30 0.04 0.00	19.59 0.11 0.00	19.43 0.10 0.00	16.45 0.00 0.00	19.66 -0.02 0.00	20.64 -0.12 0.00	21.89 -0.25 0.00	23.04 -0.15 0.00	23.55 -0.09 0.00	21.72 -0.24 0.00	20.77 -0.16 0.00	20.02 -0.10 0.00	19.83 -0.04 0.00	19.73 0.01 0.00	19.30 0.02 0.00	20.60 -0.05 0.00	22.51 -0.09 0.00	20.01 -0.10 0.00
GREENIDGE___4 23583	14.51 -0.10 0.00	15.44 -0.11 0.00	15.36 -0.04 0.00	11.73 -0.08 0.00	9.74 -0.12 0.13	10.09 -0.06 0.66	15.30 0.04 0.00	19.59 0.11 0.00	19.43 0.10 0.00	16.45 0.00 0.00	19.66 -0.02 0.00	20.64 -0.12 0.00	21.89 -0.25 0.00	23.04 -0.15 0.00	23.55 -0.09 0.00	21.72 -0.23 0.00	20.78 -0.15 0.00	20.02 -0.10 0.00	19.83 -0.04 0.00	19.73 0.01 0.00	19.31 0.03 0.00	20.60 -0.05 0.00	22.51 -0.09 0.00	20.01 -0.10 0.00
GREENLWN_69_KV_BK 3 55738	15.79 1.18 0.00	16.77 1.23 0.00	16.59 1.19 0.00	12.65 0.84 0.00	10.68 0.69 0.00	11.55 0.73 0.00	16.41 1.15 0.00	20.85 1.37 0.00	20.69 1.35 0.00	17.62 1.17 0.00	21.34 1.66 0.00	22.63 1.87 0.00	24.15 2.01 0.00	25.23 2.04 0.00	25.86 2.22 0.00	24.12 2.17 0.00	22.99 2.06 0.00	22.26 2.14 0.00	21.90 2.02 0.00	21.57 1.85 0.00	20.86 1.58 0.00	22.28 1.64 0.00	24.52 1.93 0.00	21.69 1.58 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
GRISSOM___SOLAR 323813	15.55 0.94 0.00	16.83 1.29 0.00	16.71 1.31 0.00	12.79 0.97 0.00	10.81 0.82 0.00	11.72 0.90 0.00	16.50 1.24 0.00	21.04 1.55 0.00	20.82 1.48 0.00	17.75 1.30 0.00	20.73 1.05 0.00	21.00 0.24 0.00	22.97 0.83 0.00	24.77 1.58 0.00	24.97 1.32 0.00	22.59 0.64 0.00	21.90 0.97 0.00	21.73 1.61 0.00	21.65 1.78 0.00	21.48 1.76 0.00	21.10 1.82 0.00	22.49 1.84 0.00	24.52 1.92 0.00	21.65 1.54 0.00
GROVEVILLE___HYD 323602	15.52 0.91 0.00	16.45 0.90 0.00	16.31 0.91 0.00	12.50 0.68 0.00	10.54 0.55 0.00	11.40 0.59 0.00	16.16 0.90 0.00	20.66 1.18 0.00	20.50 1.16 0.00	17.47 1.03 0.00	20.97 1.29 0.00	22.18 1.41 0.00	23.69 1.55 0.00	24.90 1.71 0.00	25.50 1.86 0.00	23.76 1.80 0.00	22.67 1.74 0.00	21.90 1.78 0.00	21.62 1.75 0.00	21.34 1.61 0.00	20.68 1.40 0.00	22.04 1.39 0.00	24.06 1.47 0.00	21.28 1.18 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	14.57 -0.04 0.00	15.49 -0.05 0.00	15.36 -0.03 0.00	11.76 -0.05 0.00	9.93 -0.06 0.00	10.77 -0.04 0.00	15.25 -0.01 0.00	19.48 0.00 0.00	19.34 0.00 0.00	16.46 0.02 0.00	19.71 0.03 0.00	20.76 0.00 0.00	22.11 -0.03 0.00	23.12 -0.07 0.00	23.55 -0.09 0.00	21.82 -0.13 0.00	20.82 -0.11 0.00	20.07 -0.05 0.00	19.84 -0.04 0.00	19.69 -0.03 0.00	19.22 -0.06 0.00	20.51 -0.13 0.00	22.43 -0.16 0.00	20.07 -0.04 0.00

HAMLTNNY_34_KV_TB 80303	14.58 -0.03 0.00	15.51 -0.04 0.00	15.38 -0.02 0.00	11.77 -0.05 0.00	9.94 -0.05 0.00	10.78 -0.03 0.00	15.27 0.01 0.00	19.52 0.03 0.00	19.36 0.02 0.00	16.49 0.04 0.00	19.73 0.05 0.00	20.80 0.03 0.00	22.14 0.00 0.00	23.14 -0.04 0.00	23.76 0.11 0.00	22.41 0.45 0.00	20.92 -0.01 0.00	20.11 -0.01 0.00	19.86 -0.01 0.00	19.73 0.00 0.00	19.27 -0.02 0.00	20.53 -0.11 0.00	22.45 -0.14 0.00	20.08 -0.02 0.00
HAMPSHIRE___PAPER_HYD 323593	14.25 -0.36 0.00	15.18 -0.36 0.00	15.08 -0.32 0.00	11.66 -0.15 0.00	9.94 -0.05 0.00	10.77 -0.04 0.00	15.11 -0.15 0.00	19.35 -0.13 0.00	19.10 -0.24 0.00	16.16 -0.28 0.00	19.50 -0.18 0.00	20.68 -0.07 0.00	22.12 -0.02 0.00	23.08 -0.11 0.00	23.43 -0.21 0.00	21.59 -0.36 0.00	18.95 -0.32 1.67	19.77 -0.35 0.00	19.63 -0.25 0.00	19.57 -0.15 0.00	19.23 -0.05 0.00	20.73 0.08 0.00	22.76 0.17 0.00	20.22 0.12 0.00
HARDSCRABBLE_WT_PWR 323673	14.62 0.01 0.00	15.52 -0.03 0.00	15.42 0.02 0.00	11.79 -0.02 0.00	9.98 -0.02 0.00	10.82 0.00 0.00	15.32 0.05 0.00	19.58 0.10 0.00	19.26 -0.08 0.00	16.42 -0.03 0.00	19.65 -0.03 0.00	20.65 -0.11 0.00	21.99 -0.15 0.00	23.30 0.11 0.00	23.81 0.16 0.00	21.96 0.01 0.00	21.18 0.09 -0.16	20.33 0.22 0.00	20.18 0.30 0.00	20.03 0.30 0.00	19.47 0.19 0.00	20.81 0.17 0.00	22.87 0.27 0.00	20.27 0.17 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	15.43 0.82 0.00	16.32 0.78 0.00	16.17 0.77 0.00	12.39 0.58 0.00	10.46 0.46 0.00	11.30 0.49 0.00	16.03 0.77 0.00	20.51 1.02 0.00	20.39 1.06 0.00	17.39 0.94 0.00	20.86 1.18 0.00	22.08 1.32 0.00	23.60 1.46 0.00	24.79 1.61 0.00	25.42 1.78 0.00	23.70 1.74 0.00	22.61 1.68 0.00	21.84 1.72 0.00	21.53 1.66 0.00	21.25 1.52 0.00	20.59 1.31 0.00	21.93 1.28 0.00	23.94 1.34 0.00	21.18 1.07 0.00
HARSNRAD_115KV_TB1 81005	13.99 -0.62 0.00	14.99 -0.56 0.00	14.92 -0.48 0.00	11.39 -0.42 0.00	9.44 -0.51 0.05	10.15 -0.43 0.24	14.70 -0.56 0.00	18.88 -0.60 0.00	18.83 -0.51 0.00	15.94 -0.51 0.00	19.07 -0.61 0.00	20.05 -0.71 0.00	21.27 -0.87 0.00	22.19 -1.00 0.00	22.64 -1.00 0.00	20.91 -1.04 0.00	19.85 -1.08 0.00	18.98 -1.14 0.00	18.80 -1.08 0.00	18.80 -0.92 0.00	18.49 -0.79 0.00	19.71 -0.93 0.00	21.63 -0.96 0.00	19.15 -0.95 0.00
HARZA MOOSE___RIVER 24016	14.50 -0.11 0.00	15.46 -0.09 0.00	15.32 -0.08 0.00	11.82 0.01 0.00	10.06 0.07 0.00	10.92 0.10 0.00	15.44 0.18 0.00	19.75 0.27 0.00	19.55 0.21 0.00	16.59 0.14 0.00	20.03 0.35 0.00	21.24 0.48 0.00	22.70 0.56 0.00	23.72 0.53 0.00	24.12 0.48 0.00	22.30 0.34 0.00	21.00 0.41 0.35	20.56 0.44 0.00	20.36 0.47 0.00	20.26 0.53 0.00	19.81 0.53 0.00	21.23 0.59 0.00	23.19 0.59 0.00	20.58 0.47 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	14.48 -0.13 0.00	15.40 -0.14 0.00	15.27 -0.12 0.00	11.70 -0.11 0.00	9.88 -0.12 0.00	10.70 -0.12 0.00	15.14 -0.12 0.00	19.34 -0.14 0.00	19.21 -0.12 0.00	16.35 -0.09 0.00	19.58 -0.10 0.00	20.63 -0.13 0.00	21.97 -0.17 0.00	22.98 -0.21 0.00	23.41 -0.24 0.00	21.71 -0.25 0.00	20.69 -0.24 0.00	19.93 -0.19 0.00	19.70 -0.18 0.00	19.55 -0.18 0.00	19.08 -0.20 0.00	20.36 -0.28 0.00	22.29 -0.31 0.00	19.92 -0.18 0.00
HELLGATE_13_KV_LD 55870	15.70 1.09 0.00	16.57 1.03 0.00	16.43 1.02 0.00	12.60 0.78 -0.01	10.62 0.62 -0.01	11.47 0.65 -0.01	16.24 0.98 0.00	20.78 1.30 0.00	20.68 1.34 0.00	17.66 1.21 0.00	21.17 1.49 0.00	22.43 1.67 0.00	23.97 1.83 0.00	25.18 1.99 0.00	25.83 2.18 0.00	24.10 2.15 0.00	22.96 2.03 0.00	22.15 2.04 0.00	21.82 1.95 0.00	21.50 1.78 0.00	20.81 1.53 0.00	22.16 1.52 0.00	24.21 1.62 0.00	21.41 1.31 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	15.70 1.09 0.00	16.57 1.03 0.00	16.43 1.02 0.00	12.60 0.78 -0.01	10.62 0.62 -0.01	11.47 0.65 -0.01	16.24 0.98 0.00	20.78 1.30 0.00	20.68 1.34 0.00	17.66 1.21 0.00	21.17 1.49 0.00	22.43 1.67 0.00	23.97 1.83 0.00	25.18 1.99 0.00	25.83 2.18 0.00	24.10 2.15 0.00	22.96 2.03 0.00	22.15 2.04 0.00	21.82 1.95 0.00	21.50 1.78 0.00	20.81 1.53 0.00	22.16 1.52 0.00	24.21 1.62 0.00	21.41 1.31 0.00
HEMPSTEAD____ 23647	15.72 1.11 0.00	16.66 1.12 0.00	16.48 1.08 0.00	12.58 0.77 0.00	10.62 0.63 0.00	11.48 0.67 0.00	16.33 1.06 0.00	20.78 1.30 0.00	20.65 1.31 0.00	17.60 1.15 0.00	21.25 1.57 0.00	22.52 1.76 0.00	24.05 1.91 0.00	25.20 2.01 0.00	25.84 2.20 0.00	24.10 2.15 0.00	22.97 2.04 0.00	22.20 2.09 0.00	21.84 1.96 0.00	21.51 1.78 0.00	20.81 1.53 0.00	22.24 1.60 0.00	24.42 1.82 0.00	21.57 1.46 0.00
HEWLETT_69_KV_BK3 55828	16.09 1.48 0.00	16.82 1.27 0.00	16.63 1.23 0.00	12.69 0.88 0.00	10.71 0.72 0.00	11.58 0.77 0.00	16.46 1.20 0.00	20.94 1.46 0.00	20.79 1.45 0.00	17.72 1.28 0.00	21.45 1.77 0.00	22.73 1.97 0.00	24.27 2.13 0.00	25.44 2.25 0.00	26.07 2.43 0.00	24.32 2.37 0.00	23.07 2.14 0.00	22.32 2.20 0.00	21.95 2.08 0.00	21.64 1.92 0.00	21.04 1.76 0.00	22.48 1.84 0.00	24.67 2.07 0.00	21.77 1.67 0.00
HICKLING___1 23621	14.47 -0.14 0.00	15.40 -0.15 0.00	15.34 -0.06 0.00	11.70 -0.11 0.00	9.71 -0.15 0.13	10.04 -0.09 0.68	15.29 0.03 0.00	19.55 0.07 0.00	19.42 0.09 0.00	16.49 0.04 0.00	19.65 -0.03 0.00	20.66 -0.10 0.00	21.96 -0.18 0.00	23.10 -0.09 0.00	23.64 0.00 0.00	21.78 -0.18 0.00	20.79 -0.14 0.00	20.05 -0.07 0.00	19.85 -0.02 0.00	19.68 -0.04 0.00	19.18 -0.10 0.00	20.50 -0.15 0.00	22.46 -0.14 0.00	19.98 -0.12 0.00
HICKLING___2 23622	14.47 -0.14 0.00	15.40 -0.15 0.00	15.34 -0.06 0.00	11.70 -0.11 0.00	9.71 -0.15 0.13	10.04 -0.09 0.68	15.29 0.03 0.00	19.55 0.07 0.00	19.42 0.09 0.00	16.49 0.04 0.00	19.65 -0.03 0.00	20.66 -0.10 0.00	21.96 -0.18 0.00	23.10 -0.09 0.00	23.64 0.00 0.00	21.78 -0.18 0.00	20.79 -0.14 0.00	20.05 -0.07 0.00	19.85 -0.02 0.00	19.68 -0.04 0.00	19.18 -0.10 0.00	20.50 -0.15 0.00	22.46 -0.14 0.00	19.98 -0.12 0.00
HIGH FALLS___HY 23754	15.39 0.78 0.00	16.27 0.72 0.00	16.13 0.73 0.00	12.34 0.53 0.00	10.41 0.42 0.00	11.26 0.45 0.00	16.00 0.74 0.00	20.52 1.04 0.00	20.40 1.06 0.00	17.37 0.92 0.00	20.83 1.14 0.00	22.03 1.27 0.00	23.49 1.35 0.00	24.61 1.43 0.00	25.27 1.62 0.00	23.50 1.55 0.00	22.38 1.45 0.00	21.69 1.57 0.00	21.40 1.52 0.00	21.09 1.37 0.00	20.48 1.20 0.00	21.94 1.29 0.00	23.92 1.32 0.00	21.15 1.05 0.00
HIGH_RIVER___SOLAR 323847	15.14 0.53 0.00	16.12 0.57 0.00	15.98 0.59 0.00	12.25 0.44 0.00	10.35 0.36 0.00	11.21 0.39 0.00	15.84 0.58 0.00	20.22 0.74 0.00	20.05 0.72 0.00	17.08 0.64 0.00	20.43 0.75 0.00	21.49 0.72 0.00	22.91 0.77 0.00	24.14 0.95 0.00	24.64 1.00 0.00	22.84 0.88 0.00	21.79 0.86 0.00	21.03 0.91 0.00	20.78 0.91 0.00	20.55 0.82 0.00	20.05 0.77 0.00	21.42 0.77 0.00	23.44 0.84 0.00	20.80 0.69 0.00

HILLBURN___GT 23639	15.45 0.84 0.00	16.33 0.79 0.00	16.18 0.78 0.00	12.39 0.58 0.00	10.45 0.46 0.00	11.30 0.48 0.00	16.04 0.77 0.00	20.52 1.03 0.00	20.42 1.09 0.00	17.43 0.98 0.00	20.90 1.22 0.00	22.14 1.37 0.00	23.65 1.52 0.00	24.85 1.66 0.00	25.49 1.84 0.00	23.76 1.80 0.00	22.66 1.73 0.00	21.89 1.77 0.00	21.57 1.69 0.00	21.26 1.53 0.00	20.59 1.31 0.00	21.92 1.27 0.00	23.95 1.35 0.00	21.18 1.08 0.00
HILLSIDE_115KV_TB1 80332	14.37 -0.24 0.00	15.28 -0.26 0.00	15.21 -0.19 0.00	11.59 -0.22 0.00	9.64 -0.22 0.13	9.96 -0.19 0.66	15.15 -0.11 0.00	19.34 -0.14 0.00	19.19 -0.15 0.00	16.31 -0.14 0.00	19.45 -0.23 0.00	20.46 -0.31 0.00	21.77 -0.37 0.00	22.88 -0.31 0.00	23.44 -0.20 0.00	21.58 -0.37 0.00	20.58 -0.35 0.00	19.84 -0.27 0.00	19.66 -0.22 0.00	19.45 -0.27 0.00	18.93 -0.35 0.00	20.22 -0.42 0.00	22.16 -0.44 0.00	19.75 -0.35 0.00
HISHELDN_WT_PWR 323625	14.06 -0.55 0.00	15.04 -0.51 0.00	15.02 -0.38 0.00	11.46 -0.36 0.00	9.49 -0.43 0.06	10.11 -0.37 0.34	14.85 -0.41 0.00	19.05 -0.44 0.00	18.95 -0.39 0.00	16.03 -0.42 0.00	19.14 -0.54 0.00	20.10 -0.66 0.00	21.29 -0.85 0.00	22.31 -0.88 0.00	22.81 -0.83 0.00	21.04 -0.92 0.00	20.07 -0.86 0.00	19.27 -0.85 0.00	19.10 -0.77 0.00	19.09 -0.64 0.00	18.74 -0.54 0.00	20.02 -0.63 0.00	21.97 -0.63 0.00	19.47 -0.63 0.00
HOLTSVILLE_IC_1 23690	15.95 1.34 0.00	16.99 1.44 0.00	16.81 1.41 0.00	12.78 0.96 0.00	10.79 0.80 0.00	11.68 0.86 0.00	16.61 1.34 0.00	21.02 1.54 0.00	20.83 1.49 0.00	17.65 1.21 0.00	21.41 1.73 0.00	22.72 1.96 0.00	24.24 2.10 0.00	25.35 2.16 0.00	25.96 2.32 0.00	24.21 2.25 0.00	23.06 2.13 0.00	22.38 2.26 0.00	22.00 2.12 0.00	21.66 1.94 0.00	20.93 1.65 0.00	22.38 1.74 0.00	24.73 2.14 0.00	21.88 1.78 0.00
HOLTSVILLE_IC_10 23699	16.01 1.40 0.00	17.05 1.51 0.00	16.87 1.47 0.00	12.82 1.01 0.00	10.83 0.84 0.00	11.72 0.90 0.00	16.67 1.40 0.00	21.10 1.61 0.00	20.90 1.56 0.00	17.72 1.27 0.00	21.49 1.81 0.00	22.82 2.05 0.00	24.34 2.20 0.00	25.46 2.27 0.00	26.08 2.44 0.00	24.33 2.37 0.00	23.18 2.24 0.00	22.50 2.38 0.00	22.11 2.23 0.00	21.76 2.04 0.00	21.03 1.75 0.00	22.50 1.86 0.00	24.84 2.25 0.00	21.97 1.87 0.00
HOLTSVILLE_IC_2 23691	15.95 1.34 0.00	16.99 1.44 0.00	16.81 1.41 0.00	12.78 0.96 0.00	10.79 0.80 0.00	11.68 0.86 0.00	16.61 1.34 0.00	21.02 1.54 0.00	20.83 1.49 0.00	17.65 1.21 0.00	21.41 1.73 0.00	22.72 1.96 0.00	24.24 2.10 0.00	25.35 2.16 0.00	25.96 2.32 0.00	24.21 2.25 0.00	23.06 2.13 0.00	22.38 2.26 0.00	22.00 2.12 0.00	21.66 1.94 0.00	20.93 1.65 0.00	22.38 1.74 0.00	24.73 2.14 0.00	21.88 1.78 0.00
HOLTSVILLE_IC_3 23692	15.95 1.34 0.00	16.99 1.44 0.00	16.81 1.41 0.00	12.78 0.96 0.00	10.79 0.80 0.00	11.68 0.86 0.00	16.61 1.34 0.00	21.02 1.54 0.00	20.83 1.49 0.00	17.65 1.21 0.00	21.41 1.73 0.00	22.72 1.96 0.00	24.24 2.10 0.00	25.35 2.16 0.00	25.96 2.32 0.00	24.21 2.25 0.00	23.06 2.13 0.00	22.38 2.26 0.00	22.00 2.12 0.00	21.66 1.94 0.00	20.93 1.65 0.00	22.38 1.74 0.00	24.73 2.14 0.00	21.88 1.78 0.00
HOLTSVILLE_IC_4 23693	15.95 1.34 0.00	16.99 1.44 0.00	16.81 1.41 0.00	12.78 0.96 0.00	10.79 0.80 0.00	11.68 0.86 0.00	16.61 1.34 0.00	21.02 1.54 0.00	20.83 1.49 0.00	17.65 1.21 0.00	21.41 1.73 0.00	22.72 1.96 0.00	24.24 2.10 0.00	25.35 2.16 0.00	25.96 2.32 0.00	24.21 2.25 0.00	23.06 2.13 0.00	22.38 2.26 0.00	22.00 2.12 0.00	21.66 1.94 0.00	20.93 1.65 0.00	22.38 1.74 0.00	24.73 2.14 0.00	21.88 1.78 0.00
HOLTSVILLE_IC_5 23694	15.95 1.34 0.00	16.99 1.44 0.00	16.81 1.41 0.00	12.78 0.96 0.00	10.79 0.80 0.00	11.68 0.86 0.00	16.61 1.34 0.00	21.02 1.54 0.00	20.83 1.49 0.00	17.65 1.21 0.00	21.41 1.73 0.00	22.72 1.96 0.00	24.24 2.10 0.00	25.35 2.16 0.00	25.96 2.32 0.00	24.21 2.25 0.00	23.06 2.13 0.00	22.38 2.26 0.00	22.00 2.12 0.00	21.66 1.94 0.00	20.93 1.65 0.00	22.38 1.74 0.00	24.73 2.14 0.00	21.88 1.78 0.00
HOLTSVILLE_IC_6 23695	16.01 1.40 0.00	17.05 1.51 0.00	16.87 1.47 0.00	12.82 1.01 0.00	10.83 0.84 0.00	11.72 0.90 0.00	16.67 1.40 0.00	21.10 1.61 0.00	20.90 1.56 0.00	17.72 1.27 0.00	21.49 1.81 0.00	22.82 2.05 0.00	24.34 2.20 0.00	25.46 2.27 0.00	26.08 2.44 0.00	24.33 2.37 0.00	23.18 2.24 0.00	22.50 2.38 0.00	22.11 2.23 0.00	21.76 2.04 0.00	21.03 1.75 0.00	22.50 1.86 0.00	24.84 2.25 0.00	21.97 1.87 0.00
HOLTSVILLE_IC_7 23696	16.01 1.40 0.00	17.05 1.51 0.00	16.87 1.47 0.00	12.82 1.01 0.00	10.83 0.84 0.00	11.72 0.90 0.00	16.67 1.40 0.00	21.10 1.61 0.00	20.90 1.56 0.00	17.72 1.27 0.00	21.49 1.81 0.00	22.82 2.05 0.00	24.34 2.20 0.00	25.46 2.27 0.00	26.08 2.44 0.00	24.33 2.37 0.00	23.18 2.24 0.00	22.50 2.38 0.00	22.11 2.23 0.00	21.76 2.04 0.00	21.03 1.75 0.00	22.50 1.86 0.00	24.84 2.25 0.00	21.97 1.87 0.00
HOLTSVILLE_IC_8 23697	16.01 1.40 0.00	17.05 1.51 0.00	16.87 1.47 0.00	12.82 1.01 0.00	10.83 0.84 0.00	11.72 0.90 0.00	16.67 1.40 0.00	21.10 1.61 0.00	20.90 1.56 0.00	17.72 1.27 0.00	21.49 1.81 0.00	22.82 2.05 0.00	24.34 2.20 0.00	25.46 2.27 0.00	26.08 2.44 0.00	24.33 2.37 0.00	23.18 2.24 0.00	22.50 2.38 0.00	22.11 2.23 0.00	21.76 2.04 0.00	21.03 1.75 0.00	22.50 1.86 0.00	24.84 2.25 0.00	21.97 1.87 0.00
HOLTSVILLE_IC_9 23698	16.01 1.40 0.00	17.05 1.51 0.00	16.87 1.47 0.00	12.82 1.01 0.00	10.83 0.84 0.00	11.72 0.90 0.00	16.67 1.40 0.00	21.10 1.61 0.00	20.90 1.56 0.00	17.72 1.27 0.00	21.49 1.81 0.00	22.82 2.05 0.00	24.34 2.20 0.00	25.46 2.27 0.00	26.08 2.44 0.00	24.33 2.37 0.00	23.18 2.24 0.00	22.50 2.38 0.00	22.11 2.23 0.00	21.76 2.04 0.00	21.03 1.75 0.00	22.50 1.86 0.00	24.84 2.25 0.00	21.97 1.87 0.00
HOMER_HL_115KV_TB2 355744	14.42 -0.19 0.00	15.40 -0.14 0.00	15.33 -0.07 0.00	11.69 -0.12 0.00	9.73 -0.20 0.07	10.34 -0.12 0.35	15.27 0.01 0.00	19.55 0.07 0.00	19.51 0.17 0.00	16.56 0.11 0.00	19.78 0.09 0.00	20.76 0.00 0.00	22.03 -0.11 0.00	23.02 -0.17 0.00	23.61 -0.04 0.00	21.79 -0.17 0.00	20.69 -0.25 0.00	19.89 -0.22 0.00	19.69 -0.19 0.00	19.55 -0.17 0.00	19.10 -0.18 0.00	20.33 -0.31 0.00	22.39 -0.20 0.00	19.87 -0.23 0.00
HOWARD_WT_PWR 323690	14.16 -0.46 0.00	15.15 -0.40 0.00	15.13 -0.27 0.00	11.55 -0.27 0.00	9.48 -0.38 0.12	9.92 -0.26 0.63	15.03 -0.24 0.00	19.29 -0.19 0.00	19.23 -0.10 0.00	16.34 -0.10 0.00	19.44 -0.24 0.00	20.35 -0.41 0.00	21.49 -0.64 0.00	22.75 -0.44 0.00	23.29 -0.35 0.00	21.33 -0.62 0.00	20.45 -0.49 0.00	19.66 -0.45 0.00	19.54 -0.34 0.00	19.52 -0.20 0.00	19.13 -0.15 0.00	20.56 -0.08 0.00	22.52 -0.07 0.00	19.98 -0.13 0.00

HQ_GEN_CEDARS 23644	14.23 -0.38 0.00	15.23 -0.31 0.00	15.20 -0.20 0.00	11.71 -0.10 0.00	9.93 -0.06 0.00	10.75 -0.06 0.00	14.90 -0.36 0.00	19.07 -0.41 0.00	18.90 -0.43 0.00	16.00 -0.45 0.00	19.12 -0.56 0.00	20.17 -0.59 0.00	21.53 -0.61 0.00	22.50 -0.69 0.00	22.90 -0.75 0.00	21.22 -0.73 0.00	17.21 -0.74 2.99	19.29 -0.83 0.00	19.14 -0.74 0.00	19.07 -0.66 0.00	18.80 -0.49 0.00	20.28 -0.37 0.00	22.24 -0.36 0.00	19.74 -0.36 0.00
HQ_GEN_CEDARS_PROXY 323590	7.04 -0.38 7.19	15.23 -0.31 0.00	15.20 -0.19 0.00	11.71 -0.10 0.00	9.93 -0.06 0.00	10.75 -0.06 0.00	7.88 -0.36 7.02	9.59 -0.41 9.47	18.90 -0.43 0.00	6.48 -0.45 9.52	9.50 -0.56 9.62	10.06 -0.59 10.11	11.19 -0.61 10.34	11.27 -0.69 11.23	11.41 -0.75 11.49	8.13 -0.73 13.09	9.06 -0.74 11.13	9.73 -0.83 9.56	9.58 -0.74 9.55	9.49 -0.66 9.57	9.16 -0.49 9.63	10.01 -0.37 10.27	10.97 -0.36 11.27	9.94 -0.36 9.80
HQ_GEN_IMPORT 323601	14.43 -0.18 0.00	15.37 -0.18 0.00	15.20 -0.20 0.00	11.68 -0.13 0.00	9.90 -0.09 0.00	10.73 -0.09 0.00	15.09 -0.17 0.00	18.26 -0.20 1.02	19.15 -0.19 0.00	16.25 -0.19 0.00	19.43 -0.26 0.00	20.49 -0.27 0.00	21.85 -0.29 0.00	22.88 -0.31 0.00	23.31 -0.33 0.00	21.49 -0.31 0.16	20.27 -0.31 0.35	19.73 -0.39 0.00	19.51 -0.37 0.00	19.39 -0.33 0.00	19.06 -0.22 0.00	20.52 -0.13 0.00	22.46 -0.14 0.00	19.95 -0.16 0.00
HQ_GEN_WHEEL 23651	14.43 -0.18 0.00	15.37 -0.18 0.00	15.20 -0.20 0.00	11.68 -0.13 0.00	9.90 -0.09 0.00	10.73 -0.09 0.00	15.09 -0.17 0.00	18.26 -0.20 1.02	19.15 -0.19 0.00	16.25 -0.19 0.00	19.43 -0.26 0.00	20.49 -0.27 0.00	21.85 -0.29 0.00	22.88 -0.31 0.00	23.31 -0.33 0.00	21.49 -0.31 0.16	20.27 -0.31 0.35	19.73 -0.39 0.00	19.51 -0.37 0.00	19.39 -0.33 0.00	19.06 -0.22 0.00	20.52 -0.13 0.00	22.46 -0.14 0.00	19.95 -0.16 0.00
HUDSON_AVE_GT_3 23810	15.70 1.09 0.00	16.59 1.04 0.00	16.43 1.03 0.00	12.59 0.78 0.00	10.61 0.62 0.00	11.46 0.65 0.00	16.26 1.00 0.00	20.81 1.32 0.00	20.71 1.37 0.00	17.68 1.24 0.00	21.21 1.53 0.00	22.46 1.70 0.00	23.99 1.85 0.00	25.21 2.02 0.00	25.87 2.23 0.00	24.15 2.19 0.00	23.01 2.07 0.00	22.20 2.08 0.00	21.87 2.00 0.00	21.54 1.82 0.00	20.85 1.57 0.00	22.21 1.57 0.00	24.27 1.67 0.00	21.44 1.34 0.00
HUDSON_AVE_GT_4 23540	15.70 1.09 0.00	16.59 1.04 0.00	16.43 1.03 0.00	12.59 0.78 0.00	10.61 0.62 0.00	11.46 0.65 0.00	16.26 1.00 0.00	20.81 1.32 0.00	20.71 1.37 0.00	17.68 1.24 0.00	21.21 1.53 0.00	22.46 1.70 0.00	23.99 1.85 0.00	25.21 2.02 0.00	25.87 2.23 0.00	24.15 2.19 0.00	23.01 2.07 0.00	22.20 2.08 0.00	21.87 2.00 0.00	21.54 1.82 0.00	20.85 1.57 0.00	22.21 1.57 0.00	24.27 1.67 0.00	21.44 1.34 0.00
HUDSON_AVE_GT_5 23657	15.70 1.09 0.00	16.59 1.04 0.00	16.43 1.03 0.00	12.59 0.78 0.00	10.61 0.62 0.00	11.46 0.65 0.00	16.26 1.00 0.00	20.81 1.32 0.00	20.71 1.37 0.00	17.68 1.24 0.00	21.21 1.53 0.00	22.46 1.70 0.00	23.99 1.85 0.00	25.21 2.02 0.00	25.87 2.23 0.00	24.15 2.19 0.00	23.01 2.07 0.00	22.20 2.08 0.00	21.87 2.00 0.00	21.54 1.82 0.00	20.85 1.57 0.00	22.21 1.57 0.00	24.27 1.67 0.00	21.44 1.34 0.00
HUDSON_AVE_10 24168	15.63 1.02 0.00	16.51 0.97 0.00	16.36 0.96 0.00	12.54 0.73 0.00	10.57 0.58 0.00	11.42 0.61 0.00	16.18 0.92 0.00	20.70 1.22 0.00	20.61 1.27 0.00	17.59 1.15 0.00	21.08 1.40 0.00	22.33 1.57 0.00	23.85 1.71 0.00	25.07 1.88 0.00	25.73 2.09 0.00	24.01 2.06 0.00	22.88 1.95 0.00	22.08 1.96 0.00	21.75 1.88 0.00	21.42 1.70 0.00	20.72 1.44 0.00	22.09 1.44 0.00	24.14 1.55 0.00	21.33 1.23 0.00
HUDSON___115KV_TB 4 355613	15.29 0.69 0.00	16.29 0.75 0.00	16.17 0.77 0.00	12.42 0.60 0.00	10.49 0.50 0.00	11.33 0.51 0.00	15.99 0.72 0.00	20.22 0.73 0.00	19.89 0.55 0.00	16.90 0.45 0.00	20.23 0.55 0.00	21.33 0.57 0.00	22.84 0.70 0.00	24.01 0.83 0.00	24.41 0.77 0.00	22.72 0.76 0.00	21.75 0.82 0.00	21.02 0.90 0.00	20.84 0.96 0.00	20.74 1.02 0.00	20.16 0.88 0.00	21.49 0.84 0.00	23.51 0.91 0.00	20.82 0.71 0.00
HUNTER MOUNT___DRP 323613	15.35 0.74 0.00	16.36 0.81 0.00	16.24 0.84 0.00	12.48 0.66 0.00	10.54 0.55 0.00	11.39 0.57 0.00	16.06 0.80 0.00	20.29 0.81 0.00	19.91 0.57 0.00	16.90 0.45 0.00	20.25 0.57 0.00	21.33 0.57 0.00	22.85 0.71 0.00	24.03 0.85 0.00	24.39 0.75 0.00	22.70 0.74 0.00	21.75 0.82 0.00	21.03 0.91 0.00	20.87 1.00 0.00	20.82 1.09 0.00	20.24 0.96 0.00	21.56 0.92 0.00	23.59 0.99 0.00	20.88 0.77 0.00
HUNTINGTON_RES_REC 323705	15.90 1.29 0.00	16.90 1.36 0.00	16.72 1.32 0.00	12.73 0.92 0.00	10.75 0.76 0.00	11.63 0.81 0.00	16.53 1.27 0.00	20.97 1.48 0.00	20.78 1.44 0.00	17.66 1.21 0.00	21.41 1.73 0.00	22.73 1.97 0.00	24.25 2.11 0.00	25.32 2.14 0.00	25.95 2.30 0.00	24.21 2.25 0.00	23.09 2.16 0.00	22.39 2.27 0.00	22.01 2.13 0.00	21.66 1.94 0.00	20.95 1.67 0.00	22.40 1.76 0.00	24.69 2.09 0.00	21.84 1.74 0.00
HUNTLEY___63 23557	14.07 -0.55 0.00	15.07 -0.47 0.00	15.00 -0.39 0.00	11.46 -0.35 0.00	9.49 -0.45 0.05	10.20 -0.37 0.25	14.81 -0.45 0.00	19.02 -0.46 0.00	18.97 -0.37 0.00	16.06 -0.39 0.00	19.23 -0.46 0.00	20.17 -0.59 0.00	21.40 -0.74 0.00	22.32 -0.87 0.00	22.78 -0.86 0.00	21.05 -0.90 0.00	19.98 -0.95 0.00	19.10 -1.02 0.00	18.92 -0.96 0.00	18.92 -0.81 0.00	18.60 -0.68 0.00	19.82 -0.82 0.00	21.77 -0.82 0.00	19.30 -0.80 0.00
HUNTLEY___64 23558	14.07 -0.55 0.00	15.07 -0.47 0.00	15.00 -0.39 0.00	11.46 -0.35 0.00	9.49 -0.45 0.05	10.20 -0.37 0.25	14.81 -0.45 0.00	19.02 -0.46 0.00	18.97 -0.37 0.00	16.06 -0.39 0.00	19.23 -0.46 0.00	20.17 -0.59 0.00	21.40 -0.74 0.00	22.32 -0.87 0.00	22.78 -0.86 0.00	21.05 -0.90 0.00	19.98 -0.95 0.00	19.10 -1.02 0.00	18.92 -0.96 0.00	18.92 -0.81 0.00	18.60 -0.68 0.00	19.82 -0.82 0.00	21.77 -0.82 0.00	19.30 -0.80 0.00
HUNTLEY___65 23559	14.07 -0.55 0.00	15.07 -0.47 0.00	15.00 -0.39 0.00	11.46 -0.35 0.00	9.49 -0.45 0.05	10.20 -0.37 0.25	14.81 -0.45 0.00	19.02 -0.46 0.00	18.97 -0.37 0.00	16.06 -0.39 0.00	19.23 -0.46 0.00	20.17 -0.59 0.00	21.40 -0.74 0.00	22.32 -0.87 0.00	22.78 -0.86 0.00	21.05 -0.90 0.00	19.98 -0.95 0.00	19.10 -1.02 0.00	18.92 -0.96 0.00	18.92 -0.81 0.00	18.60 -0.68 0.00	19.82 -0.82 0.00	21.77 -0.82 0.00	19.30 -0.80 0.00
HUNTLEY___66 23560	14.07 -0.55 0.00	15.07 -0.47 0.00	15.00 -0.39 0.00	11.46 -0.35 0.00	9.49 -0.45 0.05	10.20 -0.37 0.25	14.81 -0.45 0.00	19.02 -0.46 0.00	18.97 -0.37 0.00	16.06 -0.39 0.00	19.23 -0.46 0.00	20.17 -0.59 0.00	21.40 -0.74 0.00	22.32 -0.87 0.00	22.78 -0.86 0.00	21.05 -0.90 0.00	19.98 -0.95 0.00	19.10 -1.02 0.00	18.92 -0.96 0.00	18.92 -0.81 0.00	18.60 -0.68 0.00	19.82 -0.82 0.00	21.77 -0.82 0.00	19.30 -0.80 0.00



HUNTLEY___67 23561	14.00 -0.61 0.00	14.99 -0.55 0.00	14.93 -0.47 0.00	11.40 -0.41 0.00	9.45 -0.49 0.05	10.13 -0.42 0.26	14.73 -0.53 0.00	18.89 -0.59 0.00	18.83 -0.51 0.00	15.94 -0.50 0.00	19.08 -0.60 0.00	20.06 -0.71 0.00	21.27 -0.86 0.00	22.21 -0.98 0.00	22.67 -0.97 0.00	20.94 -1.01 0.00	19.89 -1.05 0.00	19.02 -1.10 0.00	18.85 -1.03 0.00	18.83 -0.89 0.00	18.51 -0.78 0.00	19.73 -0.91 0.00	21.66 -0.94 0.00	19.18 -0.92 0.00
HUNTLEY___68 23562	14.00 -0.61 0.00	14.99 -0.55 0.00	14.93 -0.47 0.00	11.40 -0.41 0.00	9.45 -0.49 0.05	10.13 -0.42 0.26	14.73 -0.53 0.00	18.89 -0.59 0.00	18.83 -0.51 0.00	15.94 -0.50 0.00	19.08 -0.60 0.00	20.06 -0.71 0.00	21.27 -0.86 0.00	22.21 -0.98 0.00	22.67 -0.97 0.00	20.94 -1.01 0.00	19.89 -1.05 0.00	19.02 -1.10 0.00	18.85 -1.03 0.00	18.83 -0.89 0.00	18.51 -0.78 0.00	19.73 -0.91 0.00	21.66 -0.94 0.00	19.18 -0.92 0.00
HYLAND___LFGE 323620	14.71 0.10 0.00	15.69 0.15 0.00	15.63 0.23 0.00	11.94 0.13 0.00	9.92 0.00 0.07	10.58 0.14 0.37	15.60 0.34 0.00	20.00 0.52 0.00	19.71 0.37 0.00	16.62 0.17 0.00	19.92 0.24 0.00	20.85 0.09 0.00	22.04 -0.10 0.00	22.99 -0.20 0.00	23.51 -0.13 0.00	21.76 -0.19 0.00	20.93 0.00 0.00	20.17 0.05 0.00	20.10 0.22 0.00	20.17 0.45 0.00	19.83 0.55 0.00	21.18 0.54 0.00	23.11 0.52 0.00	20.45 0.35 0.00
INDECK___CORINTH 23802	15.61 0.99 0.00	16.59 1.05 0.00	16.45 1.05 0.00	12.62 0.80 0.00	10.67 0.68 0.00	11.55 0.74 0.00	16.38 1.12 0.00	20.87 1.39 0.00	20.63 1.30 0.00	17.57 1.13 0.00	21.10 1.42 0.00	22.18 1.41 0.00	23.69 1.55 0.00	24.98 1.79 0.00	25.48 1.83 0.00	23.59 1.63 0.00	22.55 1.61 0.00	21.67 1.55 0.00	21.36 1.48 0.00	20.96 1.24 0.00	20.55 1.27 0.00	21.89 1.25 0.00	24.14 1.54 0.00	21.36 1.26 0.00
INDECK___ILION 23567	14.70 0.08 0.00	15.63 0.08 0.00	15.50 0.10 0.00	11.88 0.07 0.00	10.04 0.05 0.00	10.87 0.06 0.00	15.38 0.12 0.00	19.64 0.16 0.00	19.43 0.10 0.00	16.55 0.10 0.00	19.80 0.12 0.00	20.86 0.10 0.00	22.23 0.09 0.00	23.42 0.23 0.00	23.92 0.27 0.00	22.14 0.18 0.00	21.29 0.20 -0.16	20.38 0.26 0.00	20.17 0.30 0.00	20.02 0.29 0.00	19.50 0.21 0.00	20.82 0.18 0.00	22.84 0.24 0.00	20.28 0.18 0.00
INDECK___OLEAN 23982	14.42 -0.19 0.00	15.40 -0.14 0.00	15.32 -0.08 0.00	11.69 -0.12 0.00	9.73 -0.20 0.07	10.34 -0.12 0.35	15.28 0.02 0.00	19.55 0.07 0.00	19.51 0.17 0.00	16.56 0.11 0.00	19.78 0.10 0.00	20.77 0.01 0.00	22.03 -0.11 0.00	23.02 -0.17 0.00	23.61 -0.04 0.00	21.79 -0.17 0.00	20.70 -0.23 0.00	19.89 -0.22 0.00	19.69 -0.19 0.00	19.55 -0.18 0.00	19.10 -0.18 0.00	20.33 -0.31 0.00	22.39 -0.20 0.00	19.87 -0.23 0.00
INDECK___OSWEGO 23783	14.32 -0.29 0.00	15.23 -0.31 0.00	15.10 -0.29 0.00	11.58 -0.24 0.00	9.78 -0.21 0.00	10.59 -0.22 0.00	14.98 -0.28 0.00	19.14 -0.35 0.00	18.99 -0.35 0.00	16.17 -0.28 0.00	19.36 -0.32 0.00	20.41 -0.35 0.00	21.76 -0.38 0.00	22.73 -0.45 0.00	23.13 -0.51 0.00	21.43 -0.52 0.00	20.37 -0.48 0.08	19.70 -0.42 0.00	19.49 -0.39 0.00	19.35 -0.38 0.00	18.89 -0.39 0.00	20.17 -0.47 0.00	22.09 -0.50 0.00	19.77 -0.33 0.00
INDECK___YERKES 23781	14.08 -0.53 0.00	15.09 -0.46 0.00	15.02 -0.38 0.00	11.47 -0.34 0.00	9.51 -0.44 0.05	10.21 -0.36 0.25	14.83 -0.44 0.00	19.04 -0.45 0.00	18.98 -0.36 0.00	16.08 -0.37 0.00	19.26 -0.42 0.00	20.20 -0.56 0.00	21.43 -0.71 0.00	22.35 -0.84 0.00	22.81 -0.84 0.00	21.08 -0.88 0.00	20.03 -0.91 0.00	19.12 -1.00 0.00	18.94 -0.94 0.00	18.93 -0.79 0.00	18.62 -0.66 0.00	19.84 -0.80 0.00	21.80 -0.80 0.00	19.33 -0.78 0.00
INDIAN POINT_GT_1 24139	15.49 0.88 0.00	16.38 0.84 0.00	16.23 0.83 0.00	12.43 0.62 0.00	10.49 0.49 0.00	11.33 0.52 0.00	16.07 0.81 0.00	20.55 1.07 0.00	20.44 1.10 0.00	17.43 0.99 0.00	20.91 1.23 0.00	22.14 1.38 0.00	23.65 1.51 0.00	24.85 1.66 0.00	25.47 1.83 0.00	23.75 1.79 0.00	22.64 1.71 0.00	21.86 1.75 0.00	21.56 1.68 0.00	21.25 1.53 0.00	20.58 1.30 0.00	21.93 1.28 0.00	23.96 1.37 0.00	21.20 1.10 0.00
INDIAN POINT_GT_2 23659	15.49 0.88 0.00	16.38 0.84 0.00	16.23 0.83 0.00	12.43 0.62 0.00	10.49 0.49 0.00	11.33 0.52 0.00	16.07 0.81 0.00	20.55 1.07 0.00	20.44 1.10 0.00	17.43 0.99 0.00	20.91 1.23 0.00	22.14 1.38 0.00	23.65 1.51 0.00	24.85 1.66 0.00	25.47 1.83 0.00	23.75 1.79 0.00	22.64 1.71 0.00	21.86 1.75 0.00	21.56 1.68 0.00	21.25 1.53 0.00	20.58 1.30 0.00	21.93 1.28 0.00	23.96 1.37 0.00	21.20 1.10 0.00
INDIAN POINT_GT_3 24019	15.49 0.88 0.00	16.38 0.84 0.00	16.23 0.83 0.00	12.43 0.62 0.00	10.49 0.49 0.00	11.33 0.52 0.00	16.07 0.81 0.00	20.55 1.07 0.00	20.44 1.10 0.00	17.43 0.99 0.00	20.91 1.23 0.00	22.14 1.38 0.00	23.65 1.51 0.00	24.85 1.66 0.00	25.47 1.83 0.00	23.75 1.79 0.00	22.64 1.71 0.00	21.86 1.75 0.00	21.56 1.68 0.00	21.25 1.53 0.00	20.58 1.30 0.00	21.93 1.28 0.00	23.96 1.37 0.00	21.20 1.10 0.00
INDIAN POINT___2 23530	15.46 0.85 0.00	16.35 0.80 0.00	16.20 0.80 0.00	12.41 0.60 0.00	10.46 0.47 0.00	11.31 0.49 0.00	16.04 0.78 0.00	20.52 1.03 0.00	20.41 1.07 0.00	17.41 0.96 0.00	20.88 1.20 0.00	22.11 1.34 0.00	23.61 1.48 0.00	24.81 1.62 0.00	25.44 1.79 0.00	23.72 1.76 0.00	22.61 1.68 0.00	21.83 1.71 0.00	21.52 1.65 0.00	21.22 1.49 0.00	20.55 1.27 0.00	21.89 1.25 0.00	23.92 1.33 0.00	21.17 1.07 0.00
INDIAN POINT___3 23531	15.46 0.85 0.00	16.36 0.81 0.00	16.21 0.81 0.00	12.42 0.61 0.00	10.47 0.48 0.00	11.32 0.50 0.00	16.05 0.79 0.00	20.52 1.04 0.00	20.40 1.07 0.00	17.40 0.96 0.00	20.88 1.19 0.00	22.10 1.34 0.00	23.61 1.47 0.00	24.80 1.61 0.00	25.42 1.78 0.00	23.70 1.75 0.00	22.60 1.67 0.00	21.82 1.70 0.00	21.51 1.64 0.00	21.21 1.49 0.00	20.55 1.26 0.00	21.89 1.25 0.00	23.92 1.32 0.00	21.17 1.07 0.00
INGHAM_C_115KV_TB7 356103	14.68 0.07 0.00	15.58 0.03 0.00	15.48 0.08 0.00	11.83 0.02 0.00	10.01 0.02 0.00	10.84 0.02 0.00	15.37 0.11 0.00	19.64 0.16 0.00	19.35 0.01 0.00	16.49 0.04 0.00	19.73 0.05 0.00	20.75 -0.02 0.00	22.08 -0.06 0.00	23.42 0.24 0.00	23.98 0.34 0.00	22.10 0.14 0.00	21.26 0.17 -0.16	20.42 0.30 0.00	20.26 0.39 0.00	20.12 0.39 0.00	19.55 0.27 0.00	20.86 0.21 0.00	22.95 0.36 0.00	20.34 0.23 0.00
IP CORINTH___1 23988	15.61 0.99 0.00	16.59 1.05 0.00	16.45 1.05 0.00	12.62 0.80 0.00	10.67 0.68 0.00	11.55 0.74 0.00	16.38 1.12 0.00	20.87 1.39 0.00	20.63 1.30 0.00	17.57 1.13 0.00	21.10 1.42 0.00	22.18 1.41 0.00	23.69 1.55 0.00	24.98 1.79 0.00	25.48 1.83 0.00	23.58 1.63 0.00	22.55 1.62 0.00	21.67 1.56 0.00	21.36 1.48 0.00	20.96 1.24 0.00	20.55 1.27 0.00	21.89 1.25 0.00	24.14 1.54 0.00	21.36 1.26 0.00

IP___TICONDEROGA 23804	16.16 1.55 0.00	17.18 1.63 0.00	17.02 1.62 0.00	13.07 1.25 0.00	11.06 1.07 0.00	11.98 1.17 0.00	17.06 1.80 0.00	21.68 2.20 0.00	21.42 2.08 0.00	18.15 1.71 0.00	21.87 2.19 0.00	22.99 2.22 0.00	24.50 2.35 0.00	25.80 2.61 0.00	26.32 2.68 0.00	24.39 2.43 0.00	23.35 2.42 0.00	22.58 2.47 0.00	22.25 2.37 0.00	21.86 2.13 0.00	21.43 2.16 0.00	22.78 2.14 0.00	25.05 2.45 0.00	22.18 2.08 0.00
ISLIP_RES_REC 323679	16.06 1.45 0.00	17.10 1.56 0.00	16.92 1.52 0.00	12.86 1.04 0.00	10.86 0.87 0.00	11.76 0.94 0.00	16.72 1.46 0.00	21.17 1.69 0.00	20.98 1.64 0.00	17.79 1.34 0.00	21.57 1.89 0.00	22.93 2.16 0.00	24.45 2.31 0.00	25.59 2.41 0.00	26.21 2.56 0.00	24.46 2.51 0.00	23.31 2.37 0.00	22.63 2.51 0.00	22.24 2.36 0.00	21.88 2.15 0.00	21.14 1.86 0.00	22.61 1.97 0.00	24.96 2.37 0.00	22.06 1.96 0.00
JAMAICA__27_KV_LOAD 355505	15.73 1.13 0.00	16.62 1.07 0.00	16.46 1.06 0.00	12.65 0.83 0.00	10.65 0.66 0.00	11.52 0.70 0.00	16.28 1.02 0.00	20.82 1.34 0.00	20.71 1.37 0.00	17.66 1.22 0.00	21.12 1.43 0.00	22.39 1.63 0.00	23.89 1.75 0.00	25.12 1.93 0.00	25.79 2.15 0.00	24.06 2.11 0.00	22.95 2.02 0.00	22.13 2.01 0.00	21.82 1.94 0.00	21.49 1.76 0.00	20.79 1.51 0.00	22.19 1.55 0.00	24.27 1.68 0.00	21.43 1.33 0.00
JANIS___SOLAR 323808	15.01 0.40 0.00	15.92 0.38 0.00	15.81 0.41 0.00	12.12 0.30 0.00	10.32 0.23 -0.10	11.66 0.32 -0.53	15.86 0.60 0.00	20.27 0.78 0.00	20.14 0.81 0.00	17.13 0.68 0.00	20.56 0.87 0.00	21.56 0.79 0.00	22.82 0.69 0.00	24.00 0.81 0.00	24.51 0.87 0.00	22.81 0.86 0.00	21.72 0.79 0.00	21.04 0.93 0.00	20.85 0.98 0.00	20.71 0.98 0.00	20.27 0.98 0.00	21.58 0.94 0.00	23.52 0.92 0.00	20.91 0.80 0.00
JARVIS____ 23743	14.69 0.08 0.00	15.63 0.08 0.00	15.49 0.09 0.00	11.88 0.07 0.00	10.04 0.05 0.00	10.86 0.05 0.00	15.35 0.09 0.00	19.58 0.10 0.00	19.43 0.09 0.00	16.54 0.09 0.00	19.80 0.12 0.00	20.88 0.12 0.00	22.27 0.13 0.00	23.34 0.15 0.00	23.80 0.16 0.00	22.11 0.15 0.00	21.24 0.15 -0.16	20.30 0.18 0.00	20.04 0.17 0.00	19.88 0.16 0.00	19.40 0.12 0.00	20.75 0.10 0.00	22.71 0.11 0.00	20.20 0.10 0.00
JENNISON___1 23625	14.95 0.34 0.00	15.76 0.21 0.00	15.70 0.30 0.00	12.07 0.25 0.00	10.18 0.15 -0.04	11.24 0.25 -0.18	15.81 0.55 0.00	20.21 0.73 0.00	20.16 0.82 0.00	17.17 0.72 0.00	20.58 0.90 0.00	21.60 0.84 0.00	22.98 0.84 0.00	24.20 1.01 0.00	24.76 1.11 0.00	23.04 1.09 0.00	21.90 0.97 0.00	21.16 1.04 0.00	20.89 1.02 0.00	20.71 0.98 0.00	20.16 0.88 0.00	21.51 0.86 0.00	23.43 0.83 0.00	20.84 0.73 0.00
JENNISON___2 23626	14.95 0.34 0.00	15.76 0.21 0.00	15.70 0.30 0.00	12.07 0.25 0.00	10.18 0.15 -0.04	11.24 0.25 -0.18	15.81 0.55 0.00	20.21 0.73 0.00	20.16 0.82 0.00	17.17 0.72 0.00	20.58 0.90 0.00	21.60 0.84 0.00	22.98 0.84 0.00	24.20 1.01 0.00	24.76 1.11 0.00	23.04 1.09 0.00	21.90 0.97 0.00	21.16 1.04 0.00	20.89 1.02 0.00	20.71 0.98 0.00	20.16 0.88 0.00	21.51 0.86 0.00	23.43 0.83 0.00	20.84 0.73 0.00
JERICHO_RISE_WT_PWR 323719	14.07 -0.54 0.00	14.92 -0.62 0.00	14.74 -0.66 0.00	11.37 -0.44 0.00	9.68 -0.32 0.00	10.56 -0.25 0.00	14.87 -0.40 0.00	18.92 -0.56 0.00	18.70 -0.64 0.00	15.78 -0.67 0.00	18.81 -0.87 0.00	19.89 -0.87 0.00	21.19 -0.95 0.00	22.28 -0.91 0.00	22.61 -1.04 0.00	21.03 -0.92 0.00	16.90 -0.96 3.08	19.14 -0.97 0.00	19.18 -0.69 0.00	19.18 -0.54 0.00	19.03 -0.25 0.00	20.56 -0.08 0.00	22.50 -0.10 0.00	19.95 -0.16 0.00
KATONAH__115KV_46KV_TB4 355592	15.55 0.94 0.00	16.46 0.92 0.00	16.32 0.92 0.00	12.50 0.69 0.00	10.54 0.55 0.00	11.39 0.58 0.00	16.17 0.91 0.00	20.68 1.19 0.00	20.55 1.21 0.00	17.52 1.08 0.00	21.03 1.35 0.00	22.25 1.49 0.00	23.77 1.63 0.00	24.98 1.79 0.00	25.59 1.95 0.00	23.86 1.90 0.00	22.76 1.83 0.00	21.97 1.85 0.00	21.67 1.80 0.00	21.37 1.65 0.00	20.69 1.41 0.00	22.04 1.40 0.00	24.07 1.48 0.00	21.29 1.19 0.00
KCE_NY_1 323755	15.43 0.82 0.00	16.42 0.87 0.00	16.27 0.87 0.00	12.48 0.67 0.00	10.55 0.57 0.00	11.43 0.62 0.00	16.16 0.90 0.00	20.59 1.11 0.00	20.34 1.00 0.00	17.31 0.86 0.00	20.75 1.07 0.00	21.82 1.06 0.00	23.33 1.19 0.00	24.61 1.42 0.00	25.12 1.48 0.00	23.22 1.27 0.00	22.19 1.26 0.00	21.42 1.30 0.00	21.14 1.26 0.00	20.93 1.20 0.00	20.40 1.12 0.00	21.77 1.12 0.00	23.85 1.26 0.00	21.13 1.02 0.00
KCE_NY_6_ESR 323823	14.17 -0.44 0.00	15.17 -0.38 0.00	15.11 -0.29 0.00	11.53 -0.28 0.00	9.56 -0.37 0.05	10.24 -0.30 0.28	14.93 -0.33 0.00	19.17 -0.32 0.00	19.09 -0.25 0.00	16.17 -0.27 0.00	19.35 -0.33 0.00	20.33 -0.43 0.00	21.56 -0.58 0.00	22.54 -0.65 0.00	23.03 -0.61 0.00	21.28 -0.68 0.00	20.23 -0.70 0.00	19.36 -0.76 0.00	19.19 -0.69 0.00	19.15 -0.57 0.00	18.81 -0.47 0.00	20.06 -0.59 0.00	22.00 -0.59 0.00	19.48 -0.62 0.00
KEDC_PORT_JEFF_GT2 24210	15.97 1.36 0.00	17.01 1.46 0.00	16.83 1.43 0.00	12.79 0.97 0.00	10.80 0.81 0.00	11.69 0.88 0.00	16.61 1.35 0.00	21.02 1.54 0.00	20.83 1.49 0.00	17.67 1.22 0.00	21.44 1.76 0.00	22.77 2.01 0.00	24.29 2.15 0.00	25.38 2.20 0.00	25.98 2.34 0.00	24.22 2.27 0.00	23.07 2.14 0.00	22.39 2.27 0.00	21.95 2.08 0.00	21.56 1.83 0.00	20.88 1.60 0.00	22.40 1.76 0.00	24.77 2.17 0.00	21.92 1.82 0.00
KEDC_PORT_JEFF_GT3 24211	15.97 1.36 0.00	17.01 1.46 0.00	16.83 1.43 0.00	12.79 0.97 0.00	10.80 0.81 0.00	11.69 0.88 0.00	16.61 1.35 0.00	21.02 1.54 0.00	20.83 1.49 0.00	17.67 1.22 0.00	21.44 1.76 0.00	22.77 2.01 0.00	24.29 2.15 0.00	25.38 2.20 0.00	25.98 2.34 0.00	24.22 2.27 0.00	23.07 2.14 0.00	22.39 2.27 0.00	21.95 2.08 0.00	21.56 1.83 0.00	20.88 1.60 0.00	22.40 1.76 0.00	24.77 2.17 0.00	21.92 1.82 0.00
KEDC_GLWD_GT4 24219	15.73 1.12 0.00	16.66 1.11 0.00	16.49 1.09 0.00	12.61 0.79 0.00	10.63 0.64 0.00	11.50 0.68 0.00	16.33 1.07 0.00	20.83 1.35 0.00	20.71 1.37 0.00	17.67 1.22 0.00	21.31 1.62 0.00	22.58 1.81 0.00	24.10 1.96 0.00	25.29 2.10 0.00	25.94 2.29 0.00	24.20 2.24 0.00	23.06 2.13 0.00	22.27 2.16 0.00	21.88 2.00 0.00	21.54 1.82 0.00	20.85 1.57 0.00	22.30 1.66 0.00	24.41 1.81 0.00	21.56 1.46 0.00
KEDC_GLWD_GT5 24220	15.73 1.12 0.00	16.66 1.11 0.00	16.49 1.09 0.00	12.61 0.79 0.00	10.63 0.64 0.00	11.50 0.68 0.00	16.33 1.07 0.00	20.83 1.35 0.00	20.71 1.37 0.00	17.67 1.22 0.00	21.31 1.62 0.00	22.58 1.81 0.00	24.10 1.96 0.00	25.29 2.10 0.00	25.94 2.29 0.00	24.20 2.24 0.00	23.06 2.13 0.00	22.27 2.16 0.00	21.88 2.00 0.00	21.54 1.82 0.00	20.85 1.57 0.00	22.30 1.66 0.00	24.41 1.81 0.00	21.56 1.46 0.00

KENSICO____ 23655	15.54 0.93 0.00	16.44 0.90 0.00	16.29 0.89 0.00	12.48 0.67 0.00	10.52 0.53 0.00	11.37 0.56 0.00	16.13 0.87 0.00	20.63 1.14 0.00	20.51 1.17 0.00	17.50 1.05 0.00	20.99 1.31 0.00	22.23 1.46 0.00	23.74 1.60 0.00	24.94 1.75 0.00	25.58 1.93 0.00	23.84 1.89 0.00	22.73 1.80 0.00	21.95 1.83 0.00	21.63 1.76 0.00	21.33 1.60 0.00	20.65 1.37 0.00	22.00 1.36 0.00	24.04 1.45 0.00	21.27 1.17 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	15.39 0.78 0.00	16.28 0.73 0.00	16.14 0.74 0.00	12.36 0.54 0.00	10.42 0.43 0.00	11.28 0.46 0.00	16.01 0.75 0.00	20.50 1.01 0.00	20.34 1.01 0.00	17.33 0.89 0.00	20.77 1.09 0.00	21.97 1.20 0.00	23.42 1.28 0.00	24.50 1.31 0.00	25.14 1.50 0.00	23.38 1.42 0.00	22.29 1.36 0.00	21.59 1.47 0.00	21.31 1.43 0.00	21.03 1.30 0.00	20.43 1.15 0.00	21.91 1.27 0.00	23.90 1.30 0.00	21.13 1.03 0.00
KIAC_JFK_GT1 23816	15.65 1.04 0.00	16.53 0.98 0.00	16.38 0.97 0.00	12.58 0.77 0.00	10.60 0.61 0.00	11.45 0.64 0.00	16.18 0.92 0.00	20.71 1.22 0.00	20.60 1.26 0.00	17.56 1.11 0.00	21.00 1.32 0.00	22.26 1.50 0.00	23.76 1.62 0.00	24.98 1.79 0.00	25.63 1.99 0.00	23.92 1.96 0.00	22.81 1.88 0.00	22.00 1.88 0.00	21.68 1.81 0.00	21.35 1.63 0.00	20.67 1.38 0.00	22.05 1.41 0.00	24.13 1.54 0.00	21.31 1.21 0.00
KIAC_JFK_GT2 23817	15.65 1.04 0.00	16.53 0.98 0.00	16.38 0.97 0.00	12.58 0.77 0.00	10.60 0.61 0.00	11.45 0.64 0.00	16.18 0.92 0.00	20.71 1.22 0.00	20.60 1.26 0.00	17.56 1.11 0.00	21.00 1.32 0.00	22.26 1.50 0.00	23.76 1.62 0.00	24.98 1.79 0.00	25.63 1.99 0.00	23.92 1.96 0.00	22.81 1.88 0.00	22.00 1.88 0.00	21.68 1.81 0.00	21.35 1.63 0.00	20.67 1.38 0.00	22.05 1.41 0.00	24.13 1.54 0.00	21.31 1.21 0.00
KIAC_JFK____ 323774	15.65 1.04 0.00	16.53 0.98 0.00	16.38 0.98 0.00	12.58 0.77 0.00	10.60 0.61 0.00	11.45 0.64 0.00	16.18 0.92 0.00	20.71 1.22 0.00	20.60 1.26 0.00	17.56 1.11 0.00	21.00 1.32 0.00	22.26 1.50 0.00	23.76 1.62 0.00	24.98 1.79 0.00	25.63 1.99 0.00	23.92 1.97 0.00	22.81 1.88 0.00	22.00 1.88 0.00	21.68 1.81 0.00	21.35 1.63 0.00	20.66 1.38 0.00	22.05 1.41 0.00	24.13 1.54 0.00	21.31 1.21 0.00
KINTIGH____ 23543	14.01 -0.61 0.00	14.99 -0.56 0.00	14.91 -0.49 0.00	11.39 -0.42 0.00	9.47 -0.48 0.04	10.19 -0.43 0.20	14.72 -0.54 0.00	18.85 -0.63 0.00	18.79 -0.55 0.00	15.93 -0.51 0.00	19.07 -0.61 0.00	20.06 -0.70 0.00	21.30 -0.84 0.00	22.22 -0.97 0.00	22.67 -0.98 0.00	20.95 -1.00 0.00	19.90 -1.03 0.00	19.05 -1.07 0.00	18.86 -1.02 0.00	18.82 -0.90 0.00	18.49 -0.79 0.00	19.70 -0.95 0.00	21.61 -0.98 0.00	19.16 -0.94 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	14.18 -0.43 0.00	15.01 -0.54 0.00	14.81 -0.59 0.00	11.42 -0.40 0.00	9.72 -0.27 0.00	10.68 -0.14 0.00	15.10 -0.16 0.00	19.18 -0.30 0.00	18.87 -0.47 0.00	15.90 -0.55 0.00	18.94 -0.74 0.00	20.05 -0.71 0.00	21.28 -0.86 0.00	22.38 -0.81 0.00	22.65 -0.99 0.00	21.09 -0.87 0.00	16.89 -0.92 3.12	19.22 -0.90 0.00	19.45 -0.43 0.00	19.47 -0.26 0.00	19.35 0.07 0.00	20.95 0.31 0.00	22.91 0.31 0.00	20.26 0.16 0.00
LACHUTE__HYDRO 323717	16.16 1.55 0.00	17.18 1.63 0.00	17.02 1.62 0.00	13.07 1.25 0.00	11.06 1.07 0.00	11.98 1.17 0.00	17.06 1.80 0.00	21.68 2.20 0.00	21.42 2.08 0.00	18.15 1.71 0.00	21.87 2.19 0.00	22.99 2.22 0.00	24.50 2.35 0.00	25.80 2.61 0.00	26.32 2.68 0.00	24.39 2.43 0.00	23.35 2.41 0.00	22.58 2.47 0.00	22.25 2.37 0.00	21.86 2.13 0.00	21.43 2.15 0.00	22.78 2.15 0.00	25.05 2.45 0.00	22.18 2.08 0.00
LAWRNCALV_115KV_TB1 80681	14.22 -0.39 0.00	15.19 -0.35 0.00	15.13 -0.27 0.00	11.68 -0.14 0.00	9.92 -0.07 0.00	10.74 -0.08 0.00	14.94 -0.32 0.00	19.11 -0.37 0.00	18.90 -0.43 0.00	15.98 -0.47 0.00	19.12 -0.56 0.00	20.19 -0.57 0.00	21.55 -0.59 0.00	22.51 -0.67 0.00	22.86 -0.78 0.00	21.11 -0.84 0.00	17.42 -0.88 2.63	19.13 -0.99 0.00	19.00 -0.88 0.00	18.94 -0.78 0.00	18.70 -0.58 0.00	20.23 -0.42 0.00	22.29 -0.31 0.00	19.82 -0.29 0.00
LEDERLE____ 23769	15.52 0.91 0.00	16.41 0.86 0.00	16.25 0.85 0.00	12.45 0.63 0.00	10.50 0.51 0.00	11.34 0.53 0.00	16.11 0.84 0.00	20.60 1.12 0.00	20.52 1.18 0.00	17.51 1.06 0.00	21.00 1.32 0.00	22.24 1.48 0.00	23.77 1.63 0.00	24.98 1.79 0.00	25.62 1.98 0.00	23.88 1.93 0.00	22.78 1.85 0.00	22.00 1.88 0.00	21.68 1.81 0.00	21.36 1.64 0.00	20.69 1.41 0.00	22.02 1.38 0.00	24.06 1.46 0.00	21.27 1.17 0.00
LIGHTRSE_115KV_TB6 355974	14.32 -0.29 0.00	15.25 -0.29 0.00	15.12 -0.28 0.00	11.62 -0.19 0.00	9.85 -0.15 0.00	10.68 -0.13 0.00	15.11 -0.15 0.00	19.32 -0.16 0.00	19.14 -0.20 0.00	16.27 -0.18 0.00	19.59 -0.09 0.00	20.74 -0.02 0.00	22.10 -0.04 0.00	23.06 -0.13 0.00	23.47 -0.17 0.00	21.66 -0.29 0.00	20.46 -0.24 0.23	19.94 -0.18 0.00	19.75 -0.12 0.00	19.64 -0.08 0.00	19.19 -0.09 0.00	20.52 -0.12 0.00	22.49 -0.10 0.00	20.05 -0.05 0.00
LINDEN COGEN____ 23786	15.63 1.02 0.00	16.51 0.96 0.00	16.34 0.94 0.00	12.51 0.70 0.00	10.54 0.55 0.00	11.38 0.57 0.00	16.18 0.92 0.00	20.70 1.22 0.00	20.61 1.27 0.00	17.59 1.15 0.00	21.09 1.41 0.00	22.34 1.58 0.00	23.85 1.72 0.00	25.07 1.88 0.00	25.73 2.09 0.00	24.02 2.07 0.00	22.88 1.94 0.00	22.09 1.97 0.00	21.75 1.88 0.00	21.44 1.71 0.00	20.75 1.47 0.00	22.09 1.45 0.00	24.13 1.54 0.00	21.32 1.22 0.00
LINDHRST_69_KV_BK1 356055	15.96 1.35 0.00	16.95 1.40 0.00	16.76 1.36 0.00	12.76 0.95 0.00	10.77 0.78 0.00	11.66 0.85 0.00	16.60 1.33 0.00	21.08 1.59 0.00	20.91 1.57 0.00	17.78 1.33 0.00	21.52 1.84 0.00	22.83 2.06 0.00	24.36 2.21 0.00	25.49 2.30 0.00	26.15 2.50 0.00	24.40 2.45 0.00	23.28 2.34 0.00	22.53 2.41 0.00	22.17 2.29 0.00	21.84 2.11 0.00	21.12 1.84 0.00	22.56 1.92 0.00	24.84 2.24 0.00	21.93 1.83 0.00
LIPA_MISC_IPP 23656	15.98 1.37 0.00	17.06 1.51 0.00	16.89 1.49 0.00	12.81 1.00 0.00	10.82 0.83 0.00	11.71 0.90 0.00	16.66 1.40 0.00	21.05 1.56 0.00	20.84 1.50 0.00	17.64 1.19 0.00	21.39 1.71 0.00	22.71 1.94 0.00	24.22 2.08 0.00	25.35 2.16 0.00	25.95 2.31 0.00	24.21 2.26 0.00	23.06 2.12 0.00	22.39 2.27 0.00	22.03 2.15 0.00	21.68 1.96 0.00	20.91 1.63 0.00	22.38 1.74 0.00	24.74 2.14 0.00	21.89 1.78 0.00
LISF__SOLAR 323691	16.01 1.40 0.00	17.09 1.54 0.00	16.92 1.52 0.00	12.83 1.02 0.00	10.84 0.84 0.00	11.73 0.92 0.00	16.69 1.43 0.00	21.09 1.60 0.00	20.87 1.53 0.00	17.65 1.21 0.00	21.41 1.73 0.00	22.73 1.97 0.00	24.25 2.11 0.00	25.37 2.18 0.00	25.99 2.35 0.00	24.24 2.29 0.00	23.08 2.15 0.00	22.43 2.31 0.00	22.07 2.19 0.00	21.74 2.01 0.00	20.96 1.68 0.00	22.43 1.79 0.00	24.79 2.20 0.00	21.93 1.83 0.00

LITTLE FALLS___HYD 24013	14.68 0.07 0.00	15.58 0.03 0.00	15.48 0.08 0.00	11.83 0.02 0.00	10.01 0.02 0.00	10.84 0.02 0.00	15.37 0.11 0.00	19.64 0.16 0.00	19.35 0.01 0.00	16.49 0.04 0.00	19.73 0.05 0.00	20.75 -0.02 0.00	22.08 -0.06 0.00	23.42 0.24 0.00	23.98 0.34 0.00	22.10 0.14 0.00	21.26 0.17 -0.16	20.42 0.30 0.00	20.26 0.39 0.00	20.12 0.39 0.00	19.55 0.27 0.00	20.86 0.21 0.00	22.95 0.36 0.00	20.34 0.23 0.00
LITTLRIV_115KV_TB1 356100	14.37 -0.24 0.00	15.35 -0.20 0.00	15.27 -0.12 0.00	11.79 -0.02 0.00	10.02 0.03 0.00	10.85 0.03 0.00	15.13 -0.13 0.00	19.36 -0.12 0.00	19.15 -0.19 0.00	16.14 -0.31 0.00	19.31 -0.37 0.00	20.38 -0.38 0.00	21.75 -0.39 0.00	22.67 -0.52 0.00	23.06 -0.59 0.00	21.29 -0.66 0.00	17.68 -0.68 2.57	19.35 -0.77 0.00	19.23 -0.65 0.00	19.19 -0.54 0.00	18.95 -0.33 0.00	20.50 -0.14 0.00	22.55 -0.04 0.00	20.02 -0.08 0.00
LI_NEWBRDGE___DRP 323616	15.71 1.09 0.00	16.66 1.12 0.00	16.48 1.08 0.00	12.58 0.76 0.00	10.61 0.62 0.00	11.48 0.67 0.00	16.32 1.06 0.00	20.75 1.27 0.00	20.60 1.26 0.00	17.54 1.10 0.00	21.21 1.53 0.00	22.48 1.72 0.00	23.99 1.85 0.00	25.12 1.93 0.00	25.74 2.10 0.00	24.02 2.06 0.00	22.88 1.95 0.00	22.13 2.01 0.00	21.77 1.90 0.00	21.45 1.73 0.00	20.77 1.49 0.00	22.19 1.54 0.00	24.39 1.79 0.00	21.54 1.44 0.00
LOCKPORT_115KV_TB60_63_64 80432	13.99 -0.62 0.00	14.99 -0.55 0.00	14.93 -0.47 0.00	11.40 -0.42 0.00	9.45 -0.50 0.05	10.16 -0.42 0.23	14.71 -0.55 0.00	18.90 -0.58 0.00	18.85 -0.49 0.00	15.96 -0.49 0.00	19.09 -0.59 0.00	20.08 -0.68 0.00	21.29 -0.84 0.00	22.21 -0.98 0.00	22.66 -0.98 0.00	20.93 -1.02 0.00	19.87 -1.06 0.00	19.00 -1.12 0.00	18.82 -1.06 0.00	18.82 -0.90 0.00	18.51 -0.77 0.00	19.73 -0.92 0.00	21.65 -0.94 0.00	19.16 -0.94 0.00
LOCKPORT___CC1 323769	13.98 -0.63 0.00	14.99 -0.56 0.00	14.92 -0.48 0.00	11.39 -0.42 0.00	9.44 -0.51 0.05	10.14 -0.43 0.24	14.70 -0.56 0.00	18.88 -0.60 0.00	18.83 -0.51 0.00	15.94 -0.51 0.00	19.08 -0.61 0.00	20.06 -0.70 0.00	21.27 -0.87 0.00	22.19 -1.00 0.00	22.64 -1.01 0.00	20.91 -1.05 0.00	19.86 -1.07 0.00	18.98 -1.14 0.00	18.80 -1.08 0.00	18.79 -0.93 0.00	18.49 -0.79 0.00	19.71 -0.93 0.00	21.63 -0.96 0.00	19.15 -0.95 0.00
LOCKPORT___CC2 323770	13.98 -0.63 0.00	14.99 -0.56 0.00	14.92 -0.48 0.00	11.39 -0.42 0.00	9.44 -0.51 0.05	10.14 -0.43 0.24	14.70 -0.56 0.00	18.88 -0.60 0.00	18.83 -0.51 0.00	15.94 -0.51 0.00	19.08 -0.61 0.00	20.06 -0.70 0.00	21.27 -0.87 0.00	22.19 -1.00 0.00	22.64 -1.01 0.00	20.91 -1.05 0.00	19.86 -1.07 0.00	18.98 -1.14 0.00	18.80 -1.08 0.00	18.79 -0.93 0.00	18.49 -0.79 0.00	19.71 -0.93 0.00	21.63 -0.96 0.00	19.15 -0.95 0.00
LOCKPORT___CC3 323771	13.98 -0.63 0.00	14.99 -0.56 0.00	14.92 -0.48 0.00	11.39 -0.42 0.00	9.44 -0.51 0.05	10.14 -0.43 0.24	14.70 -0.56 0.00	18.88 -0.60 0.00	18.83 -0.51 0.00	15.94 -0.51 0.00	19.08 -0.61 0.00	20.06 -0.70 0.00	21.27 -0.87 0.00	22.19 -1.00 0.00	22.64 -1.01 0.00	20.91 -1.05 0.00	19.86 -1.07 0.00	18.98 -1.14 0.00	18.80 -1.08 0.00	18.79 -0.93 0.00	18.49 -0.79 0.00	19.71 -0.93 0.00	21.63 -0.96 0.00	19.15 -0.95 0.00
LONG_LAKE_PHOENIX 24014	14.38 -0.23 0.00	15.30 -0.24 0.00	15.17 -0.23 0.00	11.62 -0.19 0.00	9.81 -0.18 0.00	10.63 -0.18 0.00	15.04 -0.22 0.00	19.21 -0.27 0.00	19.08 -0.25 0.00	16.23 -0.21 0.00	19.42 -0.26 0.00	20.47 -0.29 0.00	21.81 -0.33 0.00	22.80 -0.39 0.00	23.21 -0.43 0.00	21.49 -0.46 0.00	20.51 -0.42 0.00	19.77 -0.34 0.00	19.56 -0.32 0.00	19.42 -0.31 0.00	18.96 -0.32 0.00	20.24 -0.40 0.00	22.15 -0.45 0.00	19.81 -0.29 0.00
LOVETT___3 23632	15.44 0.82 0.00	16.32 0.78 0.00	16.16 0.76 0.00	12.39 0.58 0.00	10.44 0.45 0.00	11.29 0.47 0.00	16.02 0.75 0.00	20.48 1.00 0.00	20.38 1.04 0.00	17.38 0.93 0.00	20.85 1.17 0.00	22.07 1.31 0.00	23.58 1.45 0.00	24.77 1.59 0.00	25.40 1.76 0.00	23.68 1.73 0.00	22.59 1.66 0.00	21.81 1.69 0.00	21.50 1.62 0.00	21.20 1.47 0.00	20.53 1.25 0.00	21.86 1.22 0.00	23.89 1.30 0.00	21.14 1.04 0.00
LOVETT___4 23642	15.44 0.82 0.00	16.32 0.78 0.00	16.16 0.76 0.00	12.39 0.58 0.00	10.44 0.45 0.00	11.29 0.47 0.00	16.02 0.75 0.00	20.48 1.00 0.00	20.38 1.04 0.00	17.38 0.93 0.00	20.85 1.17 0.00	22.07 1.31 0.00	23.58 1.45 0.00	24.77 1.59 0.00	25.40 1.76 0.00	23.68 1.73 0.00	22.59 1.66 0.00	21.81 1.69 0.00	21.50 1.62 0.00	21.20 1.47 0.00	20.53 1.25 0.00	21.86 1.22 0.00	23.89 1.30 0.00	21.14 1.04 0.00
LOVETT___5 23593	15.44 0.82 0.00	16.32 0.78 0.00	16.16 0.76 0.00	12.39 0.58 0.00	10.44 0.45 0.00	11.29 0.47 0.00	16.02 0.75 0.00	20.48 1.00 0.00	20.38 1.04 0.00	17.38 0.93 0.00	20.85 1.17 0.00	22.07 1.31 0.00	23.58 1.45 0.00	24.77 1.59 0.00	25.40 1.76 0.00	23.68 1.73 0.00	22.59 1.66 0.00	21.81 1.69 0.00	21.50 1.62 0.00	21.20 1.47 0.00	20.53 1.25 0.00	21.86 1.22 0.00	23.89 1.30 0.00	21.14 1.04 0.00
LOWER RAQUET___HYD 24057	14.21 -0.40 0.00	15.18 -0.36 0.00	15.11 -0.29 0.00	11.67 -0.15 0.00	9.92 -0.07 0.00	10.73 -0.08 0.00	14.95 -0.31 0.00	19.13 -0.35 0.00	18.90 -0.43 0.00	15.97 -0.48 0.00	19.12 -0.56 0.00	20.20 -0.57 0.00	21.56 -0.58 0.00	22.52 -0.67 0.00	22.85 -0.79 0.00	21.08 -0.87 0.00	17.48 -0.93 2.52	19.08 -1.03 0.00	18.96 -0.92 0.00	18.91 -0.81 0.00	18.67 -0.61 0.00	20.22 -0.43 0.00	22.31 -0.28 0.00	19.84 -0.27 0.00
LOWER___HUDSON 24059	15.26 0.64 0.00	16.25 0.70 0.00	16.13 0.73 0.00	12.39 0.58 0.00	10.47 0.48 0.00	11.30 0.49 0.00	15.95 0.69 0.00	20.26 0.78 0.00	19.97 0.64 0.00	16.97 0.52 0.00	20.34 0.66 0.00	21.42 0.65 0.00	22.91 0.78 0.00	24.09 0.90 0.00	24.58 0.94 0.00	22.77 0.82 0.00	21.77 0.84 0.00	21.04 0.92 0.00	20.80 0.93 0.00	20.69 0.97 0.00	20.13 0.85 0.00	21.47 0.82 0.00	23.50 0.90 0.00	20.83 0.72 0.00
LOWVILLE_115KV_TB2 356335	14.27 -0.34 0.00	15.23 -0.31 0.00	15.11 -0.30 0.00	11.70 -0.11 0.00	10.00 0.00 0.00	10.85 0.04 0.00	15.34 0.07 0.00	19.62 0.13 0.00	19.37 0.03 0.00	16.41 -0.04 0.00	19.92 0.23 0.00	21.19 0.43 0.00	22.67 0.53 0.00	23.65 0.47 0.00	24.03 0.39 0.00	22.15 0.20 0.00	20.62 0.30 0.62	20.45 0.33 0.00	20.29 0.41 0.00	20.23 0.50 0.00	19.79 0.51 0.00	21.26 0.62 0.00	23.22 0.62 0.00	20.60 0.49 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	15.43 0.82 0.00	16.42 0.88 0.00	16.28 0.88 0.00	12.49 0.68 0.00	10.56 0.57 0.00	11.43 0.61 0.00	16.16 0.89 0.00	20.58 1.10 0.00	20.33 0.99 0.00	17.31 0.86 0.00	20.75 1.07 0.00	21.82 1.06 0.00	23.32 1.18 0.00	24.58 1.39 0.00	25.09 1.44 0.00	23.22 1.27 0.00	22.19 1.25 0.00	21.41 1.29 0.00	21.14 1.26 0.00	20.92 1.20 0.00	20.40 1.12 0.00	21.76 1.11 0.00	23.84 1.24 0.00	21.12 1.02 0.00

LUTHERNY_35_KV_BK2 355980	15.44 0.83 0.00	16.42 0.87 0.00	16.27 0.87 0.00	12.48 0.67 0.00	10.56 0.57 0.00	11.43 0.62 0.00	16.16 0.90 0.00	20.59 1.11 0.00	20.34 1.00 0.00	17.31 0.86 0.00	20.76 1.07 0.00	21.82 1.06 0.00	23.33 1.19 0.00	24.61 1.42 0.00	25.12 1.48 0.00	23.23 1.27 0.00	22.19 1.26 0.00	21.42 1.30 0.00	21.14 1.26 0.00	20.93 1.20 0.00	20.40 1.12 0.00	21.77 1.12 0.00	23.85 1.26 0.00	21.13 1.03 0.00
LWR___OSWEGATCHIE_HYD 23850	14.24 -0.36 0.00	15.18 -0.36 0.00	15.08 -0.32 0.00	11.66 -0.15 0.00	9.94 -0.05 0.00	10.77 -0.04 0.00	15.11 -0.15 0.00	19.35 -0.14 0.00	19.10 -0.24 0.00	16.16 -0.28 0.00	19.50 -0.18 0.00	20.68 -0.08 0.00	22.12 -0.02 0.00	23.08 -0.11 0.00	23.44 -0.21 0.00	21.59 -0.36 0.00	18.95 -0.32 1.67	19.77 -0.35 0.00	19.63 -0.25 0.00	19.57 -0.15 0.00	19.23 -0.05 0.00	20.73 0.08 0.00	22.76 0.17 0.00	20.22 0.11 0.00
LYONS_FALL_HYD 23570	14.50 -0.11 0.00	15.46 -0.09 0.00	15.32 -0.08 0.00	11.82 0.01 0.00	10.06 0.07 0.00	10.92 0.10 0.00	15.44 0.18 0.00	19.75 0.27 0.00	19.55 0.21 0.00	16.59 0.14 0.00	20.03 0.35 0.00	21.24 0.47 0.00	22.70 0.56 0.00	23.72 0.53 0.00	24.12 0.48 0.00	22.30 0.34 0.00	21.00 0.41 0.35	20.56 0.44 0.00	20.36 0.48 0.00	20.26 0.54 0.00	19.81 0.53 0.00	21.23 0.58 0.00	23.19 0.59 0.00	20.58 0.47 0.00
MADISON___COUNTY_LFGE 323628	14.86 0.25 0.00	15.81 0.26 0.00	15.66 0.26 0.00	12.01 0.20 0.00	10.16 0.17 0.00	11.03 0.22 0.00	15.64 0.38 0.00	20.00 0.52 0.00	19.87 0.53 0.00	16.90 0.45 0.00	20.24 0.56 0.00	21.35 0.59 0.00	22.77 0.63 0.00	23.87 0.69 0.00	24.29 0.65 0.00	22.55 0.60 0.00	21.54 0.61 0.00	20.75 0.63 0.00	20.50 0.62 0.00	20.36 0.64 0.00	19.89 0.61 0.00	21.23 0.59 0.00	23.20 0.60 0.00	20.61 0.51 0.00
MALONE___115KV_TB1 356076	14.22 -0.39 0.00	15.10 -0.44 0.00	14.94 -0.46 0.00	11.53 -0.28 0.00	9.81 -0.19 0.00	10.69 -0.12 0.00	15.04 -0.23 0.00	19.18 -0.30 0.00	18.97 -0.37 0.00	16.00 -0.44 0.00	19.10 -0.58 0.00	20.17 -0.59 0.00	21.50 -0.64 0.00	22.58 -0.60 0.00	22.90 -0.74 0.00	21.27 -0.69 0.00	17.26 -0.73 2.94	19.35 -0.76 0.00	19.36 -0.51 0.00	19.35 -0.38 0.00	19.17 -0.11 0.00	20.71 0.07 0.00	22.69 0.10 0.00	20.11 0.01 0.00
MAPLEWOD_115KV_TB3 80458	15.21 0.60 0.00	16.20 0.65 0.00	16.08 0.68 0.00	12.36 0.54 0.00	10.44 0.45 0.00	11.26 0.45 0.00	15.87 0.61 0.00	20.14 0.65 0.00	19.87 0.53 0.00	16.90 0.46 0.00	20.28 0.60 0.00	21.34 0.58 0.00	22.82 0.68 0.00	23.98 0.79 0.00	24.45 0.81 0.00	22.68 0.73 0.00	21.68 0.75 0.00	20.94 0.82 0.00	20.71 0.84 0.00	20.63 0.90 0.00	20.03 0.75 0.00	21.36 0.71 0.00	23.38 0.79 0.00	20.72 0.62 0.00
MAPLE_RIDGE_WT_1 323574	14.11 -0.50 0.00	15.04 -0.51 0.00	14.90 -0.50 0.00	11.49 -0.33 0.00	9.78 -0.21 0.00	10.62 -0.20 0.00	14.85 -0.41 0.00	18.99 -0.49 0.00	18.78 -0.56 0.00	15.87 -0.57 0.00	19.04 -0.64 0.00	20.16 -0.61 0.00	21.55 -0.59 0.00	22.54 -0.65 0.00	22.89 -0.75 0.00	21.31 -0.65 0.00	15.48 -0.55 4.90	19.59 -0.52 0.00	19.41 -0.47 0.00	19.38 -0.35 0.00	19.06 -0.22 0.00	20.49 -0.15 0.00	22.44 -0.16 0.00	19.91 -0.19 0.00
MAPLE_RIDGE_WT_2 323611	14.11 -0.50 0.00	15.04 -0.51 0.00	14.90 -0.50 0.00	11.49 -0.33 0.00	9.78 -0.21 0.00	10.62 -0.20 0.00	14.85 -0.41 0.00	18.99 -0.49 0.00	18.78 -0.56 0.00	15.87 -0.57 0.00	19.04 -0.64 0.00	20.16 -0.61 0.00	21.55 -0.59 0.00	22.54 -0.65 0.00	22.89 -0.75 0.00	21.31 -0.65 0.00	15.48 -0.55 4.90	19.59 -0.52 0.00	19.41 -0.47 0.00	19.38 -0.35 0.00	19.06 -0.22 0.00	20.49 -0.15 0.00	22.44 -0.16 0.00	19.91 -0.19 0.00
MARBLE_RIVER_WT_PWR 323696	14.05 -0.56 0.00	14.90 -0.65 0.00	14.71 -0.69 0.00	11.35 -0.47 0.00	9.66 -0.33 0.00	10.56 -0.25 0.00	14.88 -0.38 0.00	18.92 -0.57 0.00	18.66 -0.67 0.00	15.74 -0.71 0.00	18.77 -0.92 0.00	19.86 -0.91 0.00	21.13 -1.01 0.00	22.22 -0.96 0.00	22.54 -1.10 0.00	20.97 -0.99 0.00	16.77 -1.03 3.14	19.10 -1.02 0.00	19.19 -0.69 0.00	19.20 -0.53 0.00	19.06 -0.22 0.00	20.60 -0.05 0.00	22.53 -0.06 0.00	19.97 -0.13 0.00
MARSHVLE_115KV_TB1 80742	15.05 0.44 0.00	16.17 0.63 0.00	16.05 0.65 0.00	12.30 0.48 0.00	10.40 0.41 0.00	11.31 0.49 0.00	15.93 0.66 0.00	20.65 1.17 0.00	20.44 1.10 0.00	17.34 0.89 0.00	20.51 0.83 0.00	21.37 0.61 0.00	22.89 0.75 0.00	24.24 1.05 0.00	24.62 0.98 0.00	22.75 0.79 0.00	21.75 0.81 0.00	21.04 0.92 0.00	20.78 0.90 0.00	20.48 0.75 0.00	20.17 0.89 0.00	21.69 1.05 0.00	23.78 1.18 0.00	21.12 1.01 0.00
MARSH_HILL_WT_PWR 323713	14.13 -0.48 0.00	15.13 -0.42 0.00	15.12 -0.28 0.00	11.53 -0.28 0.00	9.49 -0.39 0.11	9.96 -0.27 0.58	15.01 -0.25 0.00	19.26 -0.22 0.00	19.20 -0.13 0.00	16.31 -0.13 0.00	19.41 -0.27 0.00	20.32 -0.44 0.00	21.46 -0.68 0.00	22.72 -0.47 0.00	23.26 -0.39 0.00	21.30 -0.66 0.00	20.42 -0.51 0.00	19.64 -0.48 0.00	19.51 -0.36 0.00	19.50 -0.23 0.00	19.11 -0.17 0.00	20.54 -0.11 0.00	22.50 -0.10 0.00	19.96 -0.15 0.00
MCINTYRE_115KV_TB2 80467	14.45 -0.16 0.00	15.44 -0.11 0.00	15.37 -0.03 0.00	11.85 0.04 0.00	10.06 0.07 0.00	10.90 0.09 0.00	15.20 -0.06 0.00	19.46 -0.02 0.00	19.26 -0.07 0.00	16.19 -0.25 0.00	19.36 -0.32 0.00	20.42 -0.34 0.00	21.79 -0.35 0.00	22.68 -0.50 0.00	23.12 -0.52 0.00	21.37 -0.59 0.00	17.72 -0.55 2.66	19.49 -0.62 0.00	19.38 -0.50 0.00	19.35 -0.38 0.00	19.12 -0.16 0.00	20.66 0.01 0.00	22.66 0.06 0.00	20.10 -0.01 0.00
MECO_____69_KV_BK1 80468	15.55 0.94 0.00	16.83 1.29 0.00	16.71 1.31 0.00	12.79 0.97 0.00	10.81 0.82 0.00	11.72 0.91 0.00	16.50 1.24 0.00	21.04 1.55 0.00	20.82 1.48 0.00	17.75 1.30 0.00	20.73 1.05 0.00	21.00 0.24 0.00	22.97 0.83 0.00	24.77 1.58 0.00	24.97 1.32 0.00	22.59 0.64 0.00	21.90 0.97 0.00	21.72 1.61 0.00	21.65 1.78 0.00	21.48 1.76 0.00	21.10 1.82 0.00	22.49 1.84 0.00	24.52 1.92 0.00	21.65 1.54 0.00
MENANDS___115KV_TB5 355628	15.16 0.55 0.00	16.14 0.60 0.00	16.03 0.63 0.00	12.32 0.51 0.00	10.41 0.42 0.00	11.23 0.41 0.00	15.81 0.55 0.00	20.03 0.55 0.00	19.76 0.42 0.00	16.81 0.36 0.00	20.17 0.49 0.00	21.24 0.47 0.00	22.72 0.58 0.00	23.85 0.66 0.00	24.29 0.65 0.00	22.56 0.60 0.00	21.56 0.63 0.00	20.82 0.70 0.00	20.60 0.72 0.00	20.52 0.79 0.00	19.92 0.64 0.00	21.23 0.59 0.00	23.26 0.67 0.00	20.62 0.51 0.00
MG INDUSTRY___DRP 24185	15.12 0.51 0.00	16.10 0.56 0.00	15.99 0.59 0.00	12.27 0.45 0.00	10.37 0.38 0.00	11.20 0.38 0.00	15.78 0.52 0.00	20.00 0.52 0.00	19.74 0.41 0.00	16.77 0.32 0.00	20.11 0.43 0.00	21.19 0.43 0.00	22.66 0.52 0.00	23.74 0.55 0.00	24.25 0.61 0.00	22.56 0.60 0.00	21.55 0.61 0.00	20.79 0.67 0.00	20.57 0.69 0.00	20.42 0.69 0.00	19.87 0.58 0.00	21.18 0.54 0.00	23.20 0.60 0.00	20.59 0.49 0.00

MID___OSWEGATCHIE_HYD 23849	14.24 -0.36 0.00	15.18 -0.36 0.00	15.08 -0.32 0.00	11.66 -0.15 0.00	9.94 -0.05 0.00	10.77 -0.04 0.00	15.11 -0.15 0.00	19.35 -0.14 0.00	19.10 -0.24 0.00	16.16 -0.28 0.00	19.50 -0.18 0.00	20.68 -0.08 0.00	22.12 -0.02 0.00	23.08 -0.11 0.00	23.44 -0.21 0.00	21.59 -0.36 0.00	18.95 -0.32 1.67	19.77 -0.35 0.00	19.63 -0.25 0.00	19.57 -0.15 0.00	19.23 -0.05 0.00	20.73 0.08 0.00	22.76 0.17 0.00	20.22 0.11 0.00
MID___RAQUETTE_HYD 23851	14.22 -0.40 0.00	15.18 -0.36 0.00	15.11 -0.29 0.00	11.67 -0.15 0.00	9.92 -0.07 0.00	10.73 -0.08 0.00	14.95 -0.31 0.00	19.13 -0.35 0.00	18.90 -0.43 0.00	15.97 -0.48 0.00	19.12 -0.56 0.00	20.20 -0.57 0.00	21.57 -0.57 0.00	22.52 -0.67 0.00	22.85 -0.79 0.00	21.08 -0.87 0.00	17.48 -0.93 2.52	19.08 -1.03 0.00	18.96 -0.92 0.00	18.91 -0.81 0.00	18.67 -0.61 0.00	20.22 -0.43 0.00	22.31 -0.28 0.00	19.84 -0.27 0.00
MILLIKEN___1 23584	14.80 0.19 0.00	15.73 0.19 0.00	15.61 0.21 0.00	11.94 0.12 0.00	10.20 0.10 -0.11	11.55 0.14 -0.60	15.54 0.28 0.00	19.87 0.39 0.00	19.71 0.38 0.00	16.78 0.34 0.00	20.09 0.41 0.00	21.14 0.38 0.00	22.46 0.32 0.00	23.55 0.37 0.00	24.05 0.41 0.00	22.26 0.31 0.00	21.24 0.30 0.00	20.52 0.41 0.00	20.30 0.42 0.00	20.16 0.44 0.00	19.69 0.41 0.00	20.97 0.33 0.00	22.91 0.32 0.00	20.43 0.33 0.00
MILLIKEN___2 23585	14.80 0.19 0.00	15.73 0.19 0.00	15.61 0.21 0.00	11.94 0.12 0.00	10.20 0.10 -0.11	11.55 0.14 -0.60	15.54 0.28 0.00	19.87 0.39 0.00	19.71 0.38 0.00	16.78 0.34 0.00	20.09 0.41 0.00	21.14 0.38 0.00	22.46 0.32 0.00	23.55 0.37 0.00	24.05 0.41 0.00	22.26 0.31 0.00	21.24 0.30 0.00	20.52 0.41 0.00	20.30 0.42 0.00	20.16 0.44 0.00	19.69 0.41 0.00	20.97 0.33 0.00	22.91 0.32 0.00	20.43 0.33 0.00
MILLIKEN___DIESEL 23629	14.80 0.19 0.00	15.73 0.19 0.00	15.61 0.21 0.00	11.94 0.12 0.00	10.20 0.10 -0.11	11.55 0.14 -0.60	15.54 0.28 0.00	19.87 0.39 0.00	19.71 0.38 0.00	16.78 0.34 0.00	20.09 0.41 0.00	21.14 0.38 0.00	22.46 0.32 0.00	23.55 0.37 0.00	24.05 0.41 0.00	22.26 0.31 0.00	21.24 0.30 0.00	20.52 0.41 0.00	20.30 0.42 0.00	20.16 0.44 0.00	19.69 0.41 0.00	20.97 0.33 0.00	22.91 0.32 0.00	20.43 0.33 0.00
MILLSEAT___LFGE 323607	14.25 -0.36 0.00	15.25 -0.30 0.00	15.17 -0.23 0.00	11.58 -0.23 0.00	9.62 -0.33 0.04	10.36 -0.23 0.22	15.02 -0.24 0.00	19.30 -0.19 0.00	19.25 -0.08 0.00	16.31 -0.13 0.00	19.51 -0.17 0.00	20.52 -0.24 0.00	21.78 -0.36 0.00	22.74 -0.45 0.00	23.20 -0.44 0.00	21.44 -0.52 0.00	20.36 -0.57 0.00	19.48 -0.63 0.00	19.30 -0.58 0.00	19.27 -0.46 0.00	18.94 -0.34 0.00	20.18 -0.46 0.00	22.10 -0.49 0.00	19.55 -0.55 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	15.50 0.89 0.00	16.40 0.86 0.00	16.25 0.85 0.00	12.45 0.63 0.00	10.50 0.51 0.00	11.34 0.53 0.00	16.10 0.83 0.00	20.57 1.09 0.00	20.46 1.12 0.00	17.45 1.01 0.00	20.93 1.25 0.00	22.16 1.40 0.00	23.67 1.53 0.00	24.87 1.68 0.00	25.49 1.84 0.00	23.76 1.81 0.00	22.66 1.73 0.00	21.88 1.76 0.00	21.57 1.69 0.00	21.27 1.54 0.00	20.60 1.32 0.00	21.94 1.30 0.00	23.98 1.39 0.00	21.21 1.11 0.00
MILLWOOD_13_KV_LOAD 356217	15.54 0.93 0.00	16.44 0.90 0.00	16.29 0.89 0.00	12.48 0.67 0.00	10.52 0.53 0.00	11.37 0.56 0.00	16.13 0.87 0.00	20.63 1.15 0.00	20.51 1.17 0.00	17.50 1.05 0.00	20.99 1.31 0.00	22.23 1.46 0.00	23.74 1.60 0.00	24.94 1.76 0.00	25.58 1.93 0.00	23.84 1.89 0.00	22.73 1.80 0.00	21.95 1.83 0.00	21.64 1.77 0.00	21.34 1.61 0.00	20.67 1.39 0.00	22.01 1.37 0.00	24.05 1.46 0.00	21.27 1.17 0.00
MODEL_CITY_ENERGY 24167	13.86 -0.75 0.00	14.85 -0.69 0.00	14.79 -0.61 0.00	11.30 -0.51 0.00	9.36 -0.59 0.05	10.05 -0.52 0.24	14.58 -0.68 0.00	18.71 -0.78 0.00	18.65 -0.69 0.00	15.78 -0.67 0.00	18.88 -0.80 0.00	19.87 -0.89 0.00	21.07 -1.07 0.00	21.98 -1.21 0.00	22.41 -1.23 0.00	20.71 -1.25 0.00	19.67 -1.26 0.00	18.78 -1.34 0.00	18.60 -1.28 0.00	18.60 -1.13 0.00	18.31 -0.98 0.00	19.51 -1.14 0.00	21.43 -1.17 0.00	18.97 -1.14 0.00
MODERN_LFGE___ 323580	13.86 -0.75 0.00	14.85 -0.69 0.00	14.79 -0.61 0.00	11.30 -0.51 0.00	9.36 -0.59 0.05	10.05 -0.52 0.24	14.58 -0.68 0.00	18.71 -0.78 0.00	18.65 -0.69 0.00	15.78 -0.67 0.00	18.88 -0.80 0.00	19.87 -0.89 0.00	21.07 -1.07 0.00	21.98 -1.21 0.00	22.41 -1.23 0.00	20.71 -1.25 0.00	19.67 -1.26 0.00	18.78 -1.34 0.00	18.60 -1.28 0.00	18.60 -1.13 0.00	18.31 -0.98 0.00	19.51 -1.14 0.00	21.43 -1.17 0.00	18.97 -1.14 0.00
MOHAWK_PAPER___DRP 24187	15.21 0.60 0.00	16.20 0.65 0.00	16.08 0.68 0.00	12.36 0.54 0.00	10.44 0.45 0.00	11.26 0.45 0.00	15.87 0.61 0.00	20.14 0.65 0.00	19.87 0.53 0.00	16.90 0.46 0.00	20.28 0.60 0.00	21.34 0.58 0.00	22.82 0.68 0.00	23.98 0.79 0.00	24.45 0.81 0.00	22.68 0.73 0.00	21.68 0.75 0.00	20.94 0.82 0.00	20.71 0.84 0.00	20.63 0.90 0.00	20.03 0.75 0.00	21.36 0.71 0.00	23.38 0.79 0.00	20.72 0.62 0.00
MOHICAN___35_KV_115KV_LD 80490	15.66 1.05 0.00	16.65 1.11 0.00	16.51 1.11 0.00	12.67 0.86 0.00	10.72 0.73 0.00	11.60 0.78 0.00	16.44 1.18 0.00	20.93 1.45 0.00	20.68 1.34 0.00	17.61 1.16 0.00	21.14 1.46 0.00	22.21 1.45 0.00	23.73 1.59 0.00	25.03 1.84 0.00	25.53 1.89 0.00	23.63 1.68 0.00	22.61 1.68 0.00	21.78 1.66 0.00	21.46 1.58 0.00	21.12 1.39 0.00	20.68 1.40 0.00	22.02 1.38 0.00	24.21 1.62 0.00	21.43 1.33 0.00
MONGAUP___HYD 23641	15.43 0.82 0.00	16.33 0.79 0.00	16.19 0.79 0.00	12.40 0.59 0.00	10.47 0.48 0.00	11.33 0.52 0.00	16.06 0.80 0.00	20.49 1.01 0.00	20.29 0.95 0.00	17.18 0.73 0.00	20.45 0.77 0.00	21.61 0.85 0.00	23.13 1.00 0.00	24.36 1.18 0.00	25.03 1.38 0.00	23.24 1.29 0.00	21.96 1.03 0.00	21.18 1.07 0.00	21.00 1.13 0.00	20.86 1.14 0.00	20.32 1.04 0.00	21.82 1.17 0.00	23.94 1.34 0.00	21.19 1.08 0.00
MONTAUK___DIESEL 23721	16.35 1.74 0.00	17.52 1.97 0.00	17.36 1.96 0.00	13.16 1.34 0.00	11.11 1.12 0.00	12.07 1.26 0.00	17.27 2.01 0.00	21.72 2.24 0.00	21.48 2.15 0.00	18.20 1.76 0.00	22.10 2.42 0.00	23.47 2.72 0.00	25.00 2.87 0.00	26.16 2.97 0.00	26.82 3.18 0.00	25.09 3.14 0.00	23.94 3.00 0.00	23.28 3.16 0.00	22.93 3.05 0.00	22.54 2.82 0.00	21.07 1.79 0.00	22.19 1.55 0.00	24.99 2.40 0.00	22.39 2.29 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	14.18 -0.43 0.00	15.28 -0.26 0.00	15.25 -0.15 0.00	11.67 -0.14 0.00	9.68 -0.26 0.06	10.31 -0.20 0.30	15.24 -0.02 0.00	19.60 0.12 0.00	19.51 0.17 0.00	16.46 0.02 0.00	19.70 0.02 0.00	20.69 -0.08 0.00	21.85 -0.29 0.00	22.81 -0.38 0.00	23.30 -0.34 0.00	21.73 -0.22 0.00	20.77 -0.17 0.00	19.98 -0.13 0.00	19.83 -0.05 0.00	19.75 0.02 0.00	19.33 0.05 0.00	20.59 -0.06 0.00	22.58 -0.02 0.00	20.04 -0.06 0.00

MORTIMER_115KV_TB3 55949	14.30 -0.31 0.00	15.26 -0.28 0.00	15.16 -0.24 0.00	11.60 -0.22 0.00	9.69 -0.27 0.03	10.44 -0.22 0.16	15.01 -0.25 0.00	19.22 -0.26 0.00	19.16 -0.18 0.00	16.27 -0.18 0.00	19.49 -0.19 0.00	20.52 -0.24 0.00	21.80 -0.34 0.00	22.75 -0.44 0.00	23.20 -0.44 0.00	21.48 -0.47 0.00	20.43 -0.50 0.00	19.60 -0.52 0.00	19.39 -0.49 0.00	19.32 -0.41 0.00	18.94 -0.34 0.00	20.18 -0.46 0.00	22.09 -0.50 0.00	19.61 -0.50 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	15.65 1.04 0.00	16.54 0.99 0.00	16.38 0.98 0.00	12.56 0.74 0.00	10.58 0.59 0.00	11.43 0.62 0.00	16.22 0.96 0.00	20.74 1.26 0.00	20.64 1.30 0.00	17.62 1.17 0.00	21.13 1.45 0.00	22.38 1.61 0.00	23.90 1.76 0.00	25.11 1.92 0.00	25.76 2.12 0.00	24.04 2.08 0.00	22.91 1.97 0.00	22.11 1.99 0.00	21.78 1.91 0.00	21.46 1.74 0.00	20.77 1.49 0.00	22.13 1.48 0.00	24.18 1.58 0.00	21.38 1.27 0.00
MUNSVILLE_WIND_PWR 323609	15.32 0.71 0.00	16.22 0.67 0.00	16.13 0.73 0.00	12.38 0.57 0.00	10.50 0.44 -0.07	11.75 0.58 -0.35	16.31 1.05 0.00	20.86 1.38 0.00	20.75 1.41 0.00	17.69 1.24 0.00	21.18 1.50 0.00	22.19 1.43 0.00	23.50 1.36 0.00	24.79 1.60 0.00	25.34 1.70 0.00	23.63 1.68 0.00	22.42 1.49 0.00	21.78 1.66 0.00	21.50 1.63 0.00	21.31 1.58 0.00	20.89 1.62 0.00	22.23 1.58 0.00	24.15 1.55 0.00	21.45 1.35 0.00
N SALMON___HYD 24042	14.22 -0.39 0.00	15.10 -0.44 0.00	14.94 -0.46 0.00	11.53 -0.28 0.00	9.80 -0.19 0.00	10.69 -0.12 0.00	15.04 -0.23 0.00	19.18 -0.30 0.00	18.96 -0.37 0.00	16.01 -0.44 0.00	19.10 -0.58 0.00	20.17 -0.59 0.00	21.50 -0.64 0.00	22.58 -0.60 0.00	22.90 -0.74 0.00	21.27 -0.69 0.00	17.26 -0.73 2.94	19.35 -0.76 0.00	19.36 -0.51 0.00	19.35 -0.38 0.00	19.17 -0.11 0.00	20.71 0.07 0.00	22.69 0.10 0.00	20.11 0.01 0.00
N.AKRON___115KV_KNAPP 355671	14.20 -0.41 0.00	15.20 -0.35 0.00	15.12 -0.28 0.00	11.55 -0.27 0.00	9.58 -0.37 0.04	10.32 -0.27 0.22	14.95 -0.31 0.00	19.22 -0.26 0.00	19.18 -0.16 0.00	16.24 -0.21 0.00	19.43 -0.26 0.00	20.43 -0.33 0.00	21.68 -0.46 0.00	22.63 -0.56 0.00	23.09 -0.55 0.00	21.33 -0.63 0.00	20.23 -0.70 0.00	19.37 -0.74 0.00	19.19 -0.69 0.00	19.17 -0.55 0.00	18.84 -0.44 0.00	20.08 -0.56 0.00	22.01 -0.58 0.00	19.47 -0.63 0.00
N.BELMOR_69_KV_BK1 55787	15.81 1.20 0.00	16.77 1.22 0.00	16.58 1.18 0.00	12.65 0.84 0.00	10.68 0.68 0.00	11.55 0.73 0.00	16.42 1.15 0.00	20.89 1.40 0.00	20.73 1.40 0.00	17.66 1.22 0.00	21.34 1.66 0.00	22.62 1.86 0.00	24.15 2.01 0.00	25.30 2.11 0.00	25.95 2.30 0.00	24.21 2.25 0.00	23.08 2.14 0.00	22.31 2.20 0.00	21.95 2.07 0.00	21.63 1.90 0.00	20.93 1.65 0.00	22.37 1.72 0.00	24.59 1.99 0.00	21.71 1.61 0.00
N.E_GEN_SANDY PD 24062	15.33 0.72 0.00	16.31 0.76 0.00	16.22 0.82 0.00	12.46 0.64 0.00	10.51 0.52 0.00	11.34 0.53 0.00	15.98 0.74 0.02	19.39 0.88 0.98	20.07 0.73 0.00	17.06 0.61 0.00	20.45 0.76 0.00	21.55 0.79 0.00	23.08 0.94 0.00	24.27 1.09 0.02	24.79 1.14 0.00	22.90 1.04 0.09	21.96 1.06 0.03	21.25 1.13 0.00	21.02 1.15 0.00	20.90 1.17 0.00	20.25 0.97 0.00	21.75 0.95 -0.16	23.43 1.02 0.19	20.92 0.81 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	15.46 0.85 0.00	16.34 0.80 0.00	16.19 0.79 0.00	12.40 0.59 0.00	10.46 0.47 0.00	11.30 0.49 0.00	16.04 0.78 0.00	20.52 1.04 0.00	20.40 1.07 0.00	17.41 0.96 0.00	20.88 1.20 0.00	22.11 1.35 0.00	23.62 1.49 0.00	24.82 1.63 0.00	25.45 1.81 0.00	23.74 1.78 0.00	22.65 1.71 0.00	21.86 1.75 0.00	21.54 1.67 0.00	21.26 1.53 0.00	20.58 1.30 0.00	21.92 1.27 0.00	23.95 1.35 0.00	21.19 1.08 0.00
N.QUEENS_27_KV_LOAD 356247	15.74 1.12 0.00	16.59 1.05 0.00	16.42 1.02 0.00	12.56 0.74 -0.01	10.58 0.59 -0.01	11.44 0.62 -0.01	16.25 0.99 0.00	20.82 1.34 0.00	20.71 1.37 0.00	17.69 1.24 0.00	21.18 1.50 0.00	22.45 1.69 0.00	23.98 1.85 0.00	25.20 2.01 0.00	25.84 2.20 0.00	24.14 2.18 0.00	22.99 2.06 0.00	22.18 2.06 0.00	21.85 1.97 0.00	21.52 1.79 0.00	20.84 1.56 0.00	22.20 1.56 0.00	24.27 1.67 0.00	21.45 1.35 0.00
N.TROY___115KV_TB1 355778	15.26 0.64 0.00	16.25 0.70 0.00	16.13 0.73 0.00	12.39 0.58 0.00	10.47 0.48 0.00	11.31 0.49 0.00	15.95 0.69 0.00	20.26 0.78 0.00	19.97 0.64 0.00	16.97 0.52 0.00	20.34 0.66 0.00	21.42 0.65 0.00	22.91 0.78 0.00	24.09 0.90 0.00	24.58 0.94 0.00	22.78 0.82 0.00	21.78 0.85 0.00	21.04 0.93 0.00	20.80 0.93 0.00	20.69 0.97 0.00	20.13 0.85 0.00	21.47 0.82 0.00	23.50 0.90 0.00	20.83 0.72 0.00
NARROWS_GT1_1 24228	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
NARROWS_GT1_2 24229	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
NARROWS_GT1_3 24230	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
NARROWS_GT1_4 24231	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
NARROWS_GT1_5 24232	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01

NARROWS_GT1_6 24233	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
NARROWS_GT1_7 24234	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
NARROWS_GT1_8 24235	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
NARROWS_GT2_1 24236	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
NARROWS_GT2_2 24237	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
NARROWS_GT2_3 24238	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
NARROWS_GT2_4 24239	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
NARROWS_GT2_5 24240	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
NARROWS_GT2_6 24241	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
NARROWS_GT2_7 24242	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
NARROWS_GT2_8 24243	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	15.35 0.74 0.00	16.36 0.81 0.00	16.24 0.84 0.00	12.48 0.66 0.00	10.54 0.55 0.00	11.39 0.57 0.00	16.06 0.80 0.00	20.29 0.81 0.00	19.91 0.57 0.00	16.90 0.45 0.00	20.25 0.57 0.00	21.33 0.57 0.00	22.85 0.71 0.00	24.03 0.85 0.00	24.39 0.75 0.00	22.70 0.74 0.00	21.75 0.82 0.00	21.03 0.91 0.00	20.87 1.00 0.00	20.82 1.09 0.00	20.24 0.96 0.00	21.56 0.92 0.00	23.59 0.99 0.00	20.88 0.77 0.00
NCHELSEA_115KV_TR2 355582	15.51 0.89 0.00	16.42 0.87 0.00	16.29 0.89 0.00	12.48 0.67 0.00	10.53 0.53 0.00	11.38 0.57 0.00	16.14 0.88 0.00	20.63 1.14 0.00	20.48 1.14 0.00	17.45 1.01 0.00	20.93 1.25 0.00	22.14 1.38 0.00	23.66 1.52 0.00	24.86 1.67 0.00	25.46 1.81 0.00	23.71 1.76 0.00	22.63 1.70 0.00	21.86 1.74 0.00	21.59 1.72 0.00	21.30 1.58 0.00	20.65 1.37 0.00	22.00 1.36 0.00	24.02 1.43 0.00	21.25 1.15 0.00
NEG CAPITAL____MECHNVIL 23645	15.45 0.84 0.00	16.43 0.89 0.00	16.27 0.87 0.00	12.49 0.68 0.00	10.58 0.58 0.00	11.44 0.63 0.00	16.18 0.92 0.00	20.60 1.12 0.00	20.34 1.00 0.00	17.31 0.87 0.00	20.76 1.08 0.00	21.83 1.07 0.00	23.34 1.20 0.00	24.59 1.40 0.00	25.10 1.45 0.00	23.24 1.28 0.00	22.21 1.28 0.00	21.45 1.33 0.00	21.18 1.30 0.00	20.98 1.26 0.00	20.45 1.17 0.00	21.80 1.16 0.00	23.87 1.27 0.00	21.15 1.04 0.00
NEG CENTRAL_HIGH_ACRES 23767	14.08 -0.53 0.00	15.02 -0.52 0.00	14.91 -0.49 0.00	11.41 -0.41 0.00	9.56 -0.41 0.02	10.32 -0.38 0.12	14.79 -0.47 0.00	18.95 -0.53 0.00	18.87 -0.47 0.00	16.03 -0.41 0.00	19.21 -0.47 0.00	20.23 -0.53 0.00	21.49 -0.65 0.00	22.45 -0.74 0.00	22.88 -0.76 0.00	21.18 -0.77 0.00	20.18 -0.75 0.00	19.38 -0.74 0.00	19.17 -0.71 0.00	19.08 -0.65 0.00	18.69 -0.59 0.00	19.92 -0.72 0.00	21.78 -0.82 0.00	19.35 -0.75 0.00



NEG CENTRAL___DRP 24199	14.51 -0.09 0.00	15.45 -0.10 0.00	15.34 -0.06 0.00	11.72 -0.09 0.00	9.85 -0.11 0.03	10.58 -0.07 0.17	15.26 0.00 0.00	19.53 0.05 0.00	19.39 0.05 0.00	16.48 0.03 0.00	19.70 0.02 0.00	20.71 -0.05 0.00	22.01 -0.13 0.00	23.08 -0.11 0.00	23.56 -0.08 0.00	21.79 -0.16 0.00	20.80 -0.13 0.00	20.05 -0.07 0.00	19.82 -0.05 0.00	19.70 -0.02 0.00	19.26 -0.02 0.00	20.54 -0.10 0.00	22.44 -0.16 0.00	20.01 -0.10 0.00
NEG CENTRAL___INDECK 23768	14.58 -0.03 0.00	15.56 0.01 0.00	15.50 0.10 0.00	11.85 0.04 0.00	9.84 -0.08 0.07	10.48 0.03 0.37	15.44 0.18 0.00	19.81 0.32 0.00	19.64 0.30 0.00	16.60 0.16 0.00	19.90 0.21 0.00	20.89 0.12 0.00	22.11 -0.03 0.00	23.06 -0.13 0.00	23.59 -0.06 0.00	21.84 -0.11 0.00	20.93 0.00 0.00	20.12 0.00 0.00	19.99 0.11 0.00	19.98 0.26 0.00	19.60 0.32 0.00	20.93 0.29 0.00	22.86 0.26 0.00	20.24 0.14 0.00
NEG CENTRAL___SENECA 23627	14.50 -0.11 0.00	15.44 -0.11 0.00	15.34 -0.05 0.00	11.72 -0.09 0.00	9.81 -0.13 0.06	10.45 -0.07 0.30	15.28 0.02 0.00	19.57 0.09 0.00	19.43 0.09 0.00	16.49 0.04 0.00	19.72 0.04 0.00	20.71 -0.05 0.00	21.99 -0.15 0.00	23.10 -0.09 0.00	23.59 -0.05 0.00	21.79 -0.16 0.00	20.81 -0.12 0.00	20.06 -0.06 0.00	19.85 -0.02 0.00	19.73 0.01 0.00	19.30 0.02 0.00	20.58 -0.06 0.00	22.48 -0.11 0.00	20.00 -0.10 0.00
NEG CENTRAL___STATE_STREET 24147	14.67 0.06 0.00	15.61 0.06 0.00	15.48 0.08 0.00	11.81 0.00 0.00	10.00 0.00 -0.01	10.89 0.03 -0.05	15.38 0.12 0.00	19.68 0.20 0.00	19.47 0.14 0.00	16.60 0.16 0.00	19.86 0.18 0.00	20.92 0.15 0.00	22.21 0.07 0.00	23.23 0.04 0.00	23.76 0.12 0.00	21.96 0.01 0.00	20.93 0.00 0.00	20.24 0.12 0.00	19.96 0.09 0.00	19.87 0.15 0.00	19.42 0.13 0.00	20.64 0.00 0.00	22.56 -0.03 0.00	20.21 0.10 0.00
NEG MILLWOOD___DRP 24198	15.58 0.97 0.00	16.49 0.95 0.00	16.35 0.95 0.00	12.53 0.71 0.00	10.56 0.57 0.00	11.42 0.61 0.00	16.21 0.94 0.00	20.72 1.24 0.00	20.59 1.25 0.00	17.55 1.11 0.00	21.07 1.39 0.00	22.29 1.53 0.00	23.82 1.68 0.00	25.03 1.84 0.00	25.63 1.99 0.00	23.89 1.94 0.00	22.80 1.87 0.00	22.01 1.89 0.00	21.73 1.86 0.00	21.44 1.71 0.00	20.76 1.48 0.00	22.12 1.47 0.00	24.15 1.55 0.00	21.34 1.24 0.00
NEG NORTH_FLCN_SEA 23793	14.16 -0.45 0.00	14.97 -0.57 0.00	14.78 -0.62 0.00	11.39 -0.43 0.00	9.70 -0.29 0.00	10.66 -0.15 0.00	15.08 -0.18 0.00	19.12 -0.36 0.00	18.80 -0.54 0.00	15.84 -0.61 0.00	18.88 -0.80 0.00	20.01 -0.76 0.00	21.19 -0.95 0.00	22.27 -0.92 0.00	22.53 -1.11 0.00	20.97 -0.99 0.00	16.78 -1.03 3.12	19.12 -1.00 0.00	19.40 -0.48 0.00	19.43 -0.29 0.00	19.32 0.04 0.00	20.93 0.29 0.00	22.90 0.30 0.00	20.26 0.16 0.00
NEG NORTH_KES_CHATEGAY 23792	14.10 -0.51 0.00	14.95 -0.59 0.00	14.78 -0.62 0.00	11.40 -0.41 0.00	9.70 -0.30 0.00	10.58 -0.23 0.00	14.90 -0.36 0.00	18.97 -0.51 0.00	18.74 -0.59 0.00	15.82 -0.63 0.00	18.85 -0.83 0.00	19.91 -0.85 0.00	21.21 -0.93 0.00	22.31 -0.88 0.00	22.64 -1.00 0.00	21.07 -0.88 0.00	16.93 -0.93 3.08	19.18 -0.94 0.00	19.24 -0.64 0.00	19.25 -0.48 0.00	19.10 -0.18 0.00	20.62 -0.02 0.00	22.57 -0.03 0.00	20.00 -0.10 0.00
NEG NORTH___ALICE_FALLS 23915	14.18 -0.43 0.00	15.01 -0.54 0.00	14.81 -0.59 0.00	11.42 -0.40 0.00	9.72 -0.27 0.00	10.68 -0.14 0.00	15.10 -0.16 0.00	19.18 -0.30 0.00	18.87 -0.47 0.00	15.90 -0.55 0.00	18.94 -0.74 0.00	20.05 -0.71 0.00	21.28 -0.86 0.00	22.38 -0.81 0.00	22.65 -0.99 0.00	21.09 -0.87 0.00	16.89 -0.92 3.12	19.22 -0.90 0.00	19.45 -0.43 0.00	19.47 -0.26 0.00	19.35 0.07 0.00	20.95 0.31 0.00	22.91 0.31 0.00	20.26 0.16 0.00
NEG NORTH___LWR_SARANAC 23913	14.18 -0.43 0.00	15.01 -0.54 0.00	14.81 -0.59 0.00	11.42 -0.40 0.00	9.72 -0.27 0.00	10.68 -0.14 0.00	15.10 -0.16 0.00	19.18 -0.30 0.00	18.87 -0.47 0.00	15.90 -0.55 0.00	18.94 -0.74 0.00	20.05 -0.71 0.00	21.28 -0.86 0.00	22.38 -0.81 0.00	22.65 -0.99 0.00	21.09 -0.87 0.00	16.89 -0.92 3.12	19.22 -0.90 0.00	19.45 -0.43 0.00	19.47 -0.26 0.00	19.35 0.07 0.00	20.95 0.31 0.00	22.91 0.31 0.00	20.26 0.16 0.00
NEG NORTH___PLATTSBURG 23628	14.18 -0.43 0.00	15.01 -0.54 0.00	14.81 -0.59 0.00	11.42 -0.40 0.00	9.72 -0.27 0.00	10.68 -0.14 0.00	15.10 -0.16 0.00	19.18 -0.30 0.00	18.87 -0.47 0.00	15.90 -0.55 0.00	18.94 -0.74 0.00	20.05 -0.71 0.00	21.28 -0.86 0.00	22.38 -0.81 0.00	22.65 -0.99 0.00	21.09 -0.87 0.00	16.89 -0.93 3.12	19.22 -0.90 0.00	19.45 -0.43 0.00	19.47 -0.26 0.00	19.35 0.07 0.00	20.95 0.31 0.00	22.91 0.31 0.00	20.26 0.16 0.00
NEG WEST_LEA_LOCKPORT 23791	13.99 -0.62 0.00	14.99 -0.56 0.00	14.92 -0.48 0.00	11.39 -0.42 0.00	9.44 -0.51 0.05	10.15 -0.43 0.24	14.70 -0.56 0.00	18.88 -0.60 0.00	18.83 -0.51 0.00	15.94 -0.51 0.00	19.07 -0.61 0.00	20.05 -0.71 0.00	21.27 -0.87 0.00	22.19 -1.00 0.00	22.64 -1.00 0.00	20.91 -1.04 0.00	19.85 -1.08 0.00	18.98 -1.14 0.00	18.80 -1.08 0.00	18.80 -0.92 0.00	18.49 -0.79 0.00	19.71 -0.93 0.00	21.63 -0.96 0.00	19.15 -0.95 0.00
NEG WEST___LANCASTR 23811	14.31 -0.30 0.00	15.30 -0.24 0.00	15.24 -0.16 0.00	11.62 -0.19 0.00	9.66 -0.28 0.06	10.31 -0.20 0.30	15.08 -0.18 0.00	19.33 -0.16 0.00	19.27 -0.07 0.00	16.33 -0.12 0.00	19.54 -0.14 0.00	20.53 -0.23 0.00	21.80 -0.34 0.00	22.80 -0.39 0.00	23.29 -0.35 0.00	21.49 -0.47 0.00	20.42 -0.52 0.00	19.58 -0.54 0.00	19.39 -0.48 0.00	19.33 -0.40 0.00	18.94 -0.34 0.00	20.20 -0.45 0.00	22.16 -0.44 0.00	19.65 -0.45 0.00
NEG_PENN_ALLEGHNY 23528	14.63 0.02 0.00	15.55 0.01 0.00	15.45 0.05 0.00	11.81 0.00 0.00	9.98 -0.02 -0.01	10.86 0.00 -0.05	15.36 0.10 0.00	19.63 0.14 0.00	19.54 0.20 0.00	16.66 0.21 0.00	19.92 0.24 0.00	20.99 0.23 0.00	22.36 0.22 0.00	23.45 0.26 0.00	23.97 0.32 0.00	22.20 0.25 0.00	21.15 0.22 0.00	20.38 0.27 0.00	20.16 0.28 0.00	19.97 0.25 0.00	19.46 0.17 0.00	20.76 0.12 0.00	22.72 0.13 0.00	20.23 0.12 0.00
NEG___GEN_MONROE 24207	14.37 -0.24 0.00	15.35 -0.20 0.00	15.25 -0.15 0.00	11.66 -0.15 0.00	9.73 -0.22 0.03	10.50 -0.16 0.16	15.12 -0.14 0.00	19.38 -0.11 0.00	19.31 -0.03 0.00	16.39 -0.05 0.00	19.62 -0.06 0.00	20.66 -0.10 0.00	21.93 -0.21 0.00	22.90 -0.29 0.00	23.35 -0.29 0.00	21.62 -0.33 0.00	20.56 -0.38 0.00	19.72 -0.40 0.00	19.51 -0.37 0.00	19.45 -0.28 0.00	19.07 -0.21 0.00	20.32 -0.32 0.00	22.24 -0.36 0.00	19.72 -0.38 0.00
NEPA___ENERGY 23901	14.23 -0.38 0.00	15.20 -0.34 0.00	15.14 -0.26 0.00	11.53 -0.29 0.00	9.60 -0.33 0.06	10.24 -0.28 0.30	15.06 -0.20 0.00	19.29 -0.19 0.00	19.20 -0.14 0.00	16.29 -0.15 0.00	19.46 -0.22 0.00	20.45 -0.31 0.00	21.70 -0.44 0.00	22.70 -0.48 0.00	23.27 -0.37 0.00	21.49 -0.46 0.00	20.46 -0.47 0.00	19.66 -0.45 0.00	19.50 -0.38 0.00	19.36 -0.37 0.00	18.90 -0.38 0.00	20.14 -0.50 0.00	22.11 -0.49 0.00	19.68 -0.42 0.00

NEVERSINK___HYD 23608	15.14 0.53 0.00	16.02 0.48 0.00	15.89 0.48 0.00	12.17 0.36 0.00	10.27 0.28 0.00	11.12 0.30 0.00	15.77 0.50 0.00	20.17 0.69 0.00	20.01 0.67 0.00	17.06 0.61 0.00	20.43 0.74 0.00	21.61 0.84 0.00	22.93 0.79 0.00	23.55 0.36 0.00	24.16 0.52 0.00	22.48 0.52 0.00	21.44 0.51 0.00	20.75 0.63 0.00	20.48 0.60 0.00	20.24 0.51 0.00	19.71 0.43 0.00	21.55 0.91 0.00	23.52 0.92 0.00	20.80 0.70 0.00
NEWKRMKL_115KV_TB1 55635	15.09 0.48 0.00	16.07 0.52 0.00	15.95 0.55 0.00	12.25 0.44 0.00	10.35 0.36 0.00	11.17 0.36 0.00	15.74 0.47 0.00	19.93 0.44 0.00	19.70 0.36 0.00	16.76 0.32 0.00	20.10 0.42 0.00	21.19 0.42 0.00	22.64 0.50 0.00	23.75 0.57 0.00	24.21 0.57 0.00	22.51 0.55 0.00	21.49 0.56 0.00	20.74 0.62 0.00	20.51 0.63 0.00	20.39 0.66 0.00	19.80 0.52 0.00	21.11 0.46 0.00	23.13 0.54 0.00	20.50 0.40 0.00
NEWTON___FALLS_HYD 23847	14.24 -0.36 0.00	15.18 -0.36 0.00	15.08 -0.32 0.00	11.66 -0.15 0.00	9.94 -0.05 0.00	10.77 -0.04 0.00	15.11 -0.15 0.00	19.35 -0.14 0.00	19.10 -0.24 0.00	16.16 -0.28 0.00	19.50 -0.18 0.00	20.68 -0.08 0.00	22.12 -0.02 0.00	23.08 -0.11 0.00	23.44 -0.21 0.00	21.59 -0.36 0.00	18.95 -0.32 1.67	19.77 -0.35 0.00	19.63 -0.25 0.00	19.57 -0.15 0.00	19.23 -0.05 0.00	20.73 0.08 0.00	22.76 0.17 0.00	20.22 0.11 0.00
NGRID_A1_DSASP 323792	13.76 -0.85 0.00	14.75 -0.80 0.00	14.69 -0.71 0.00	11.22 -0.59 0.00	9.28 -0.66 0.05	9.97 -0.60 0.24	14.46 -0.81 0.00	18.54 -0.95 0.00	18.48 -0.86 0.00	15.63 -0.81 0.00	18.70 -0.98 0.00	19.58 -1.19 0.00	20.76 -1.38 0.00	21.64 -1.55 0.00	22.09 -1.56 0.00	20.41 -1.55 0.00	19.38 -1.55 0.00	18.47 -1.64 0.00	18.29 -1.59 0.00	18.31 -1.42 0.00	18.02 -1.26 0.00	19.20 -1.44 0.00	21.13 -1.46 0.00	18.79 -1.31 0.00
NGRID_A2_DSASP 323793	13.76 -0.85 0.00	14.75 -0.80 0.00	14.69 -0.71 0.00	11.22 -0.59 0.00	9.28 -0.66 0.05	9.97 -0.60 0.24	14.46 -0.81 0.00	18.54 -0.95 0.00	18.48 -0.86 0.00	15.63 -0.81 0.00	18.70 -0.98 0.00	19.58 -1.19 0.00	20.76 -1.38 0.00	21.64 -1.55 0.00	22.09 -1.56 0.00	20.41 -1.55 0.00	19.38 -1.55 0.00	18.47 -1.64 0.00	18.29 -1.59 0.00	18.31 -1.42 0.00	18.02 -1.26 0.00	19.20 -1.44 0.00	21.13 -1.46 0.00	18.79 -1.31 0.00
NGRID_A4_DSASP 323807	13.76 -0.85 0.00	14.75 -0.80 0.00	14.69 -0.71 0.00	11.22 -0.59 0.00	9.28 -0.66 0.05	9.97 -0.60 0.24	14.46 -0.81 0.00	18.54 -0.95 0.00	18.48 -0.86 0.00	15.63 -0.81 0.00	18.70 -0.98 0.00	19.58 -1.19 0.00	20.76 -1.38 0.00	21.64 -1.55 0.00	22.09 -1.56 0.00	20.41 -1.55 0.00	19.38 -1.55 0.00	18.47 -1.64 0.00	18.29 -1.59 0.00	18.31 -1.42 0.00	18.02 -1.26 0.00	19.20 -1.44 0.00	21.13 -1.46 0.00	18.79 -1.31 0.00
NIAGARA_115E_LBMP 323715	13.80 -0.81 0.00	14.79 -0.76 0.00	14.72 -0.68 0.00	11.25 -0.57 0.00	9.31 -0.64 0.05	10.00 -0.57 0.24	14.51 -0.75 0.00	18.61 -0.88 0.00	18.55 -0.79 0.00	15.69 -0.76 0.00	18.77 -0.91 0.00	19.75 -1.02 0.00	20.94 -1.20 0.00	21.84 -1.35 0.00	22.28 -1.36 0.00	20.59 -1.37 0.00	19.56 -1.38 0.00	18.66 -1.46 0.00	18.47 -1.40 0.00	18.48 -1.25 0.00	18.19 -1.09 0.00	19.39 -1.25 0.00	21.31 -1.29 0.00	18.86 -1.24 0.00
NIAGARA_115W_LBMP 323714	13.73 -0.88 0.00	14.72 -0.82 0.00	14.66 -0.74 0.00	11.20 -0.61 0.00	9.26 -0.68 0.05	9.95 -0.62 0.24	14.43 -0.83 0.00	18.50 -0.98 0.00	18.44 -0.90 0.00	15.60 -0.85 0.00	18.66 -1.02 0.00	19.52 -1.24 0.00	20.70 -1.44 0.00	21.58 -1.61 0.00	22.03 -1.62 0.00	20.36 -1.60 0.00	19.33 -1.60 0.00	18.42 -1.70 0.00	18.24 -1.64 0.00	18.26 -1.47 0.00	17.97 -1.31 0.00	19.15 -1.50 0.00	21.08 -1.52 0.00	18.75 -1.35 0.00
NIAGARA_230_LBMP 323716	13.85 -0.76 0.00	14.85 -0.70 0.00	14.77 -0.62 0.00	11.29 -0.53 0.00	9.35 -0.59 0.05	10.04 -0.54 0.23	14.55 -0.71 0.00	18.65 -0.83 0.00	18.59 -0.75 0.00	15.74 -0.71 0.00	18.85 -0.83 0.00	19.82 -0.94 0.00	21.01 -1.12 0.00	21.92 -1.27 0.00	22.35 -1.29 0.00	20.65 -1.31 0.00	19.62 -1.32 0.00	18.73 -1.39 0.00	18.54 -1.33 0.00	18.54 -1.19 0.00	18.24 -1.04 0.00	19.45 -1.20 0.00	21.35 -1.24 0.00	18.91 -1.19 0.00
NIAGARA___115KV_198_GIBSON 55903	13.73 -0.88 0.00	14.72 -0.82 0.00	14.66 -0.74 0.00	11.20 -0.61 0.00	9.26 -0.68 0.05	9.95 -0.62 0.24	14.43 -0.84 0.00	18.50 -0.99 0.00	18.44 -0.90 0.00	15.60 -0.85 0.00	18.65 -1.03 0.00	19.51 -1.25 0.00	20.69 -1.45 0.00	21.58 -1.61 0.00	22.03 -1.62 0.00	20.36 -1.60 0.00	19.31 -1.62 0.00	18.42 -1.70 0.00	18.24 -1.64 0.00	18.26 -1.46 0.00	17.97 -1.31 0.00	19.15 -1.50 0.00	21.08 -1.52 0.00	18.75 -1.35 0.00
NIAGARA____ 23760	13.85 -0.76 0.00	14.85 -0.70 0.00	14.77 -0.62 0.00	11.29 -0.53 0.00	9.35 -0.59 0.05	10.04 -0.54 0.24	14.55 -0.71 0.00	18.65 -0.83 0.00	18.59 -0.75 0.00	15.74 -0.71 0.00	18.85 -0.83 0.00	19.82 -0.94 0.00	21.01 -1.12 0.00	21.92 -1.27 0.00	22.35 -1.29 0.00	20.65 -1.31 0.00	19.62 -1.32 0.00	18.73 -1.39 0.00	18.54 -1.33 0.00	18.54 -1.19 0.00	18.24 -1.04 0.00	19.45 -1.20 0.00	21.35 -1.24 0.00	18.91 -1.19 0.00
NINE_MILE_1 23575	14.23 -0.37 0.00	15.15 -0.39 0.00	15.03 -0.37 0.00	11.52 -0.30 0.00	9.72 -0.27 0.00	10.53 -0.29 0.00	14.87 -0.40 0.00	18.96 -0.53 0.00	18.83 -0.51 0.00	16.02 -0.42 0.00	19.18 -0.51 0.00	20.20 -0.56 0.00	21.52 -0.62 0.00	22.50 -0.69 0.00	22.89 -0.76 0.00	21.23 -0.72 0.00	20.24 -0.69 0.00	19.48 -0.64 0.00	19.26 -0.62 0.00	19.12 -0.60 0.00	18.69 -0.59 0.00	19.95 -0.69 0.00	21.86 -0.73 0.00	19.58 -0.52 0.00
NINE_MILE_2 23744	14.24 -0.37 0.00	15.16 -0.39 0.00	15.03 -0.37 0.00	11.52 -0.29 0.00	9.72 -0.27 0.00	10.53 -0.28 0.00	14.87 -0.39 0.00	18.96 -0.52 0.00	18.83 -0.51 0.00	16.03 -0.42 0.00	19.18 -0.51 0.00	20.20 -0.56 0.00	21.52 -0.62 0.00	22.50 -0.69 0.00	22.89 -0.76 0.00	21.23 -0.72 0.00	20.24 -0.69 0.00	19.48 -0.64 0.00	19.26 -0.62 0.00	19.13 -0.60 0.00	18.69 -0.59 0.00	19.95 -0.69 0.00	21.86 -0.73 0.00	19.58 -0.52 0.00
NM_CAPITAL___DRP 24208	15.13 0.52 0.00	16.11 0.56 0.00	16.00 0.60 0.00	12.30 0.49 0.00	10.38 0.39 0.00	11.21 0.39 0.00	15.78 0.52 0.00	19.99 0.50 0.00	19.72 0.38 0.00	16.78 0.33 0.00	20.13 0.45 0.00	21.20 0.43 0.00	22.67 0.53 0.00	23.79 0.60 0.00	24.24 0.60 0.00	22.50 0.55 0.00	21.52 0.59 0.00	20.77 0.65 0.00	20.55 0.67 0.00	20.46 0.74 0.00	19.87 0.59 0.00	21.18 0.53 0.00	23.21 0.61 0.00	20.56 0.46 0.00
NM_CENTRAL___DRP 24181	14.49 -0.12 0.00	15.42 -0.13 0.00	15.29 -0.11 0.00	11.71 -0.10 0.00	9.89 -0.10 0.00	10.71 -0.10 0.00	15.16 -0.10 0.00	19.36 -0.12 0.00	19.25 -0.09 0.00	16.38 -0.07 0.00	19.61 -0.07 0.00	20.66 -0.09 0.00	22.02 -0.12 0.00	23.03 -0.16 0.00	23.44 -0.21 0.00	21.74 -0.22 0.00	20.73 -0.20 0.00	19.96 -0.15 0.00	19.73 -0.15 0.00	19.58 -0.15 0.00	19.11 -0.17 0.00	20.39 -0.25 0.00	22.32 -0.27 0.00	19.95 -0.15 0.00

NM_FRONTIER___DRP 24179	13.73 -0.88 0.00	14.72 -0.82 0.00	14.66 -0.74 0.00	11.20 -0.61 0.00	9.26 -0.68 0.05	9.95 -0.62 0.24	14.43 -0.84 0.00	18.50 -0.99 0.00	18.44 -0.90 0.00	15.60 -0.85 0.00	18.65 -1.03 0.00	19.51 -1.25 0.00	20.69 -1.45 0.00	21.58 -1.61 0.00	22.03 -1.62 0.00	20.36 -1.60 0.00	19.31 -1.62 0.00	18.42 -1.70 0.00	18.24 -1.64 0.00	18.26 -1.46 0.00	17.97 -1.31 0.00	19.15 -1.50 0.00	21.08 -1.52 0.00	18.75 -1.35 0.00
NM_ST_REGIS___HYD 24053	14.23 -0.38 0.00	15.17 -0.38 0.00	15.07 -0.33 0.00	11.64 -0.17 0.00	9.89 -0.10 0.00	10.73 -0.08 0.00	14.99 -0.27 0.00	19.16 -0.32 0.00	18.93 -0.41 0.00	15.99 -0.46 0.00	19.13 -0.56 0.00	20.21 -0.56 0.00	21.56 -0.58 0.00	22.56 -0.63 0.00	22.88 -0.77 0.00	21.14 -0.81 0.00	17.46 -0.87 2.61	19.16 -0.95 0.00	19.07 -0.81 0.00	19.04 -0.69 0.00	18.81 -0.47 0.00	20.37 -0.28 0.00	22.43 -0.17 0.00	19.92 -0.18 0.00
NORTHPORT___1 23551	15.80 1.20 0.00	16.83 1.28 0.00	16.64 1.25 0.00	12.67 0.86 0.00	10.70 0.71 0.00	11.57 0.76 0.00	16.46 1.20 0.00	20.88 1.40 0.00	20.70 1.36 0.00	17.59 1.14 0.00	21.30 1.62 0.00	22.60 1.84 0.00	24.12 1.98 0.00	25.20 2.01 0.00	25.80 2.15 0.00	24.05 2.10 0.00	22.93 1.99 0.00	22.20 2.09 0.00	21.83 1.96 0.00	21.52 1.80 0.00	20.81 1.53 0.00	22.24 1.60 0.00	24.54 1.94 0.00	21.71 1.61 0.00
NORTHPORT___2 23552	15.80 1.20 0.00	16.83 1.28 0.00	16.64 1.25 0.00	12.67 0.86 0.00	10.70 0.71 0.00	11.57 0.76 0.00	16.46 1.20 0.00	20.88 1.40 0.00	20.70 1.36 0.00	17.59 1.14 0.00	21.30 1.62 0.00	22.60 1.84 0.00	24.12 1.98 0.00	25.20 2.01 0.00	25.80 2.15 0.00	24.05 2.10 0.00	22.93 1.99 0.00	22.20 2.09 0.00	21.83 1.96 0.00	21.52 1.80 0.00	20.81 1.53 0.00	22.24 1.60 0.00	24.54 1.94 0.00	21.71 1.61 0.00
NORTHPORT___3 23553	15.75 1.14 0.00	16.75 1.20 0.00	16.57 1.17 0.00	12.63 0.81 0.00	10.67 0.68 0.00	11.53 0.71 0.00	16.37 1.12 0.00	20.81 1.33 0.00	20.60 1.26 0.00	17.53 1.09 0.00	21.26 1.58 0.00	22.55 1.79 0.00	24.05 1.91 0.00	25.06 1.87 0.00	25.65 2.01 0.00	23.92 1.96 0.00	22.80 1.87 0.00	22.08 1.97 0.00	21.72 1.85 0.00	21.40 1.68 0.00	20.69 1.41 0.00	22.12 1.48 0.00	24.40 1.80 0.00	21.63 1.53 0.00
NORTHPORT___4 23650	15.75 1.14 0.00	16.75 1.20 0.00	16.57 1.17 0.00	12.63 0.81 0.00	10.67 0.68 0.00	11.53 0.71 0.00	16.37 1.11 0.00	20.78 1.30 0.00	20.60 1.26 0.00	17.53 1.09 0.00	21.26 1.58 0.00	22.55 1.79 0.00	24.05 1.91 0.00	25.06 1.87 0.00	25.65 2.01 0.00	23.92 1.96 0.00	22.80 1.87 0.00	22.08 1.97 0.00	21.72 1.85 0.00	21.40 1.68 0.00	20.69 1.41 0.00	22.12 1.48 0.00	24.40 1.80 0.00	21.63 1.53 0.00
NORTHPORT___IC 23718	15.80 1.20 0.00	16.83 1.28 0.00	16.64 1.25 0.00	12.67 0.86 0.00	10.70 0.71 0.00	11.57 0.76 0.00	16.46 1.20 0.00	20.88 1.40 0.00	20.70 1.36 0.00	17.59 1.14 0.00	21.31 1.62 0.00	22.60 1.84 0.00	24.12 1.98 0.00	25.20 2.01 0.00	25.80 2.15 0.00	24.05 2.10 0.00	22.93 1.99 0.00	22.20 2.09 0.00	21.84 1.96 0.00	21.53 1.80 0.00	20.81 1.53 0.00	22.24 1.60 0.00	24.54 1.94 0.00	21.71 1.61 0.00
NORTH___COUNTRY_ESR 323785	14.07 -0.54 0.00	14.92 -0.62 0.00	14.74 -0.66 0.00	11.37 -0.44 0.00	9.68 -0.32 0.00	10.56 -0.25 0.00	14.87 -0.40 0.00	18.92 -0.56 0.00	18.70 -0.64 0.00	15.78 -0.67 0.00	18.81 -0.87 0.00	19.89 -0.87 0.00	21.19 -0.95 0.00	22.28 -0.91 0.00	22.61 -1.04 0.00	21.03 -0.92 0.00	16.90 -0.96 3.08	19.14 -0.97 0.00	19.18 -0.69 0.00	19.18 -0.54 0.00	19.03 -0.25 0.00	20.56 -0.08 0.00	22.50 -0.10 0.00	19.95 -0.16 0.00
NPX_GEN_1385_PROXY 323591	15.65 1.04 0.00	16.83 1.28 0.00	16.66 1.27 0.00	12.66 0.85 0.00	10.66 0.66 0.00	11.54 0.72 0.00	16.49 1.22 0.00	20.86 1.38 0.00	20.61 1.27 0.00	17.47 1.03 0.00	21.04 1.36 0.00	22.30 1.54 0.00	23.80 1.66 0.00	24.87 1.68 0.00	25.45 1.80 0.00	1.71 1.78 22.02	22.67 1.74 0.00	21.92 1.80 0.00	21.55 1.68 0.00	21.41 1.68 0.00	20.62 1.34 0.00	22.01 1.37 0.00	24.48 1.89 0.00	21.70 1.59 0.00
NPX_GEN_CSC 323557	15.93 1.32 0.00	17.05 1.51 0.00	16.90 1.50 0.00	12.78 0.97 0.00	10.80 0.80 0.00	11.69 0.87 0.00	16.64 1.38 0.00	20.96 1.48 0.00	20.75 1.41 0.00	17.54 1.09 0.00	21.26 1.58 0.00	22.58 1.82 0.00	24.09 1.95 0.00	25.21 2.02 0.00	25.82 2.18 0.00	24.10 2.14 0.00	22.90 1.97 0.00	22.26 2.15 0.00	21.91 2.03 0.00	21.56 1.84 0.00	20.77 1.49 0.00	22.26 1.62 0.00	24.61 2.02 0.00	21.78 1.68 0.00
NSINS_S_GLNS_FALLS 23858	15.66 1.05 0.00	16.65 1.11 0.00	16.51 1.11 0.00	12.67 0.86 0.00	10.72 0.73 0.00	11.60 0.78 0.00	16.45 1.18 0.00	20.95 1.46 0.00	20.69 1.36 0.00	17.62 1.18 0.00	21.16 1.48 0.00	22.24 1.47 0.00	23.76 1.62 0.00	25.06 1.87 0.00	25.56 1.92 0.00	23.65 1.70 0.00	22.62 1.69 0.00	21.77 1.66 0.00	21.46 1.58 0.00	21.10 1.37 0.00	20.67 1.39 0.00	22.01 1.36 0.00	24.22 1.63 0.00	21.44 1.34 0.00
NUCOR_STEEL___DRP 24197	14.67 0.06 0.00	15.61 0.06 0.00	15.48 0.08 0.00	11.80 -0.01 0.00	10.01 0.00 -0.01	10.91 0.03 -0.06	15.37 0.11 0.00	19.67 0.19 0.00	19.45 0.12 0.00	16.60 0.15 0.00	19.85 0.17 0.00	20.91 0.15 0.00	22.20 0.06 0.00	23.21 0.03 0.00	23.75 0.11 0.00	21.93 -0.03 0.00	20.91 -0.02 0.00	20.23 0.11 0.00	19.94 0.07 0.00	19.86 0.13 0.00	19.40 0.12 0.00	20.62 -0.02 0.00	22.54 -0.06 0.00	20.21 0.10 0.00
NUMBER_THREE_WT_PWR 323818	14.24 -0.37 0.00	15.20 -0.34 0.00	15.07 -0.33 0.00	11.68 -0.14 0.00	9.98 -0.02 0.00	10.83 0.02 0.00	15.31 0.05 0.00	19.58 0.10 0.00	19.32 -0.01 0.00	16.37 -0.08 0.00	19.88 0.20 0.00	21.17 0.40 0.00	22.64 0.50 0.00	23.63 0.44 0.00	24.00 0.36 0.00	22.11 0.16 0.00	20.56 0.27 0.64	20.42 0.30 0.00	20.26 0.38 0.00	20.20 0.48 0.00	19.77 0.49 0.00	21.24 0.60 0.00	23.20 0.60 0.00	20.58 0.48 0.00
NYISO_LBMP_REFERENCE 24008	14.61 0.00 0.00	15.55 0.00 0.00	15.40 0.00 0.00	11.81 0.00 0.00	9.99 0.00 0.00	10.81 0.00 0.00	15.26 0.00 0.00	19.48 0.00 0.00	19.34 0.00 0.00	16.45 0.00 0.00	19.68 0.00 0.00	20.76 0.00 0.00	22.14 0.00 0.00	23.19 0.00 0.00	23.64 0.00 0.00	21.96 0.00 0.00	20.93 0.00 0.00	20.12 0.00 0.00	19.87 0.00 0.00	19.73 0.00 0.00	19.28 0.00 0.00	20.64 0.00 0.00	22.60 0.00 0.00	20.10 0.00 0.00
NYPA_BRENTWD____GT 24164	15.98 1.37 0.00	17.00 1.46 0.00	16.81 1.41 0.00	12.80 0.99 0.00	10.81 0.82 0.00	11.70 0.88 0.00	16.64 1.38 0.00	21.11 1.63 0.00	20.93 1.59 0.00	17.77 1.32 0.00	21.52 1.84 0.00	22.86 2.10 0.00	24.39 2.25 0.00	25.50 2.31 0.00	26.13 2.48 0.00	24.37 2.42 0.00	23.25 2.32 0.00	22.54 2.42 0.00	22.16 2.28 0.00	21.84 2.11 0.00	21.10 1.82 0.00	22.55 1.91 0.00	24.87 2.27 0.00	21.97 1.86 0.00

NYPA_GOWANUS____GT5 24156	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
NYPA_GOWANUS____GT6 24157	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01
NYPA_HARLEM__RVR__GT1 24160	15.70 1.09 0.00	16.56 1.02 0.00	16.40 0.99 0.00	12.55 0.72 -0.01	10.57 0.57 -0.01	11.42 0.61 -0.01	16.22 0.96 0.00	20.77 1.28 0.00	20.65 1.31 0.00	17.64 1.19 0.00	21.11 1.44 0.00	22.39 1.63 0.00	23.91 1.78 0.01	25.11 1.93 0.01	25.77 2.13 0.00	24.06 2.11 0.01	22.91 1.98 0.01	22.11 2.00 0.00	21.79 1.91 0.00	21.46 1.74 0.00	20.79 1.51 0.00	22.15 1.50 0.00	24.21 1.61 0.00	21.40 1.30 0.00
NYPA_HARLEM__RVR__GT2 24161	15.70 1.09 0.00	16.56 1.02 0.00	16.40 0.99 0.00	12.55 0.72 -0.01	10.57 0.57 -0.01	11.42 0.61 -0.01	16.22 0.96 0.00	20.77 1.28 0.00	20.65 1.31 0.00	17.64 1.19 0.00	21.11 1.44 0.00	22.39 1.63 0.00	23.91 1.78 0.01	25.11 1.93 0.01	25.77 2.13 0.00	24.06 2.11 0.01	22.91 1.98 0.01	22.11 2.00 0.00	21.79 1.91 0.00	21.46 1.74 0.00	20.79 1.51 0.00	22.15 1.50 0.00	24.21 1.61 0.00	21.40 1.30 0.00
NYPA_KENT____GT 24152	15.73 1.12 0.00	16.61 1.06 0.00	16.47 1.07 0.00	12.65 0.82 -0.01	10.66 0.66 -0.01	11.51 0.69 -0.01	16.27 1.01 0.00	20.82 1.34 0.00	20.72 1.39 0.00	17.70 1.25 0.00	21.20 1.52 0.00	22.49 1.72 0.00	24.05 1.91 0.00	25.26 2.07 0.00	25.91 2.27 0.00	24.18 2.22 -0.01	23.03 2.10 0.00	22.22 2.10 0.00	21.90 2.02 0.00	21.57 1.84 -0.01	33.80 1.59 -12.93	31.27 1.58 -9.05	24.29 1.69 0.00	21.49 1.38 0.00
NYPA_POUCH1____GT 24155	15.74 1.13 0.00	16.62 1.07 0.00	16.52 1.11 0.00	12.72 0.90 -0.01	10.72 0.72 -0.01	11.58 0.76 -0.01	16.26 0.99 0.00	20.80 1.32 0.00	20.69 1.35 0.00	17.65 1.20 0.00	21.14 1.46 0.00	22.45 1.69 0.00	24.04 1.89 0.00	25.24 2.05 0.00	25.91 2.26 -0.01	24.18 2.21 -0.02	23.01 2.07 0.00	22.21 2.08 -0.01	21.88 2.00 0.00	21.58 1.83 -0.02	42.29 1.58 -21.43	37.20 1.57 -14.99	24.32 1.72 0.00	21.56 1.45 -0.01
NYPA_VERNON____GT2 24162	15.71 1.10 0.00	16.59 1.05 0.00	16.44 1.04 0.00	12.62 0.79 -0.01	10.63 0.63 -0.01	11.49 0.67 -0.01	16.26 1.00 0.00	20.81 1.32 0.00	20.72 1.38 0.00	17.69 1.24 0.00	21.20 1.52 0.00	22.47 1.71 0.00	24.01 1.87 0.00	25.23 2.04 0.00	25.88 2.23 0.00	24.15 2.19 -0.01	23.01 2.07 0.00	22.20 2.08 0.00	21.86 1.99 0.00	21.54 1.81 0.00	25.27 1.56 -4.43	25.29 1.55 -3.10	24.25 1.65 0.00	21.44 1.34 0.00
NYPA_VERNON____GT3 24163	15.71 1.10 0.00	16.59 1.05 0.00	16.44 1.04 0.00	12.62 0.79 -0.01	10.63 0.63 -0.01	11.49 0.67 -0.01	16.26 1.00 0.00	20.81 1.32 0.00	20.72 1.38 0.00	17.69 1.24 0.00	21.20 1.52 0.00	22.47 1.71 0.00	24.01 1.87 0.00	25.23 2.04 0.00	25.88 2.23 0.00	24.15 2.19 -0.01	23.01 2.07 0.00	22.20 2.08 0.00	21.86 1.99 0.00	21.54 1.81 0.00	25.27 1.56 -4.43	25.29 1.55 -3.10	24.25 1.65 0.00	21.44 1.34 0.00
NYPA____ASTORIA_CC1 323568	15.69 1.08 0.00	16.57 1.02 0.00	16.42 1.02 0.00	12.60 0.78 -0.01	10.62 0.62 -0.01	11.47 0.65 -0.01	16.24 0.98 0.00	20.77 1.29 0.00	20.68 1.34 0.00	17.66 1.21 0.00	21.16 1.48 0.00	22.43 1.67 0.00	23.96 1.82 0.00	25.18 1.99 0.00	25.82 2.18 0.00	24.10 2.14 0.00	22.95 2.02 0.00	22.15 2.03 0.00	21.82 1.94 0.00	21.49 1.77 0.00	20.80 1.52 0.00	22.15 1.51 0.00	24.20 1.61 0.00	21.41 1.30 0.00
NYPA____ASTORIA_CC2 323569	15.69 1.08 0.00	16.57 1.02 0.00	16.42 1.02 0.00	12.60 0.78 -0.01	10.62 0.62 -0.01	11.47 0.65 -0.01	16.24 0.98 0.00	20.77 1.29 0.00	20.68 1.34 0.00	17.66 1.21 0.00	21.16 1.48 0.00	22.43 1.67 0.00	23.96 1.82 0.00	25.18 1.99 0.00	25.82 2.18 0.00	24.10 2.14 0.00	22.95 2.02 0.00	22.15 2.03 0.00	21.82 1.94 0.00	21.49 1.77 0.00	20.80 1.52 0.00	22.15 1.51 0.00	24.20 1.61 0.00	21.41 1.30 0.00
NYPA____HOLTSVILL 23794	15.95 1.34 0.00	16.99 1.44 0.00	16.81 1.41 0.00	12.78 0.96 0.00	10.79 0.80 0.00	11.68 0.86 0.00	16.61 1.34 0.00	21.02 1.54 0.00	20.83 1.49 0.00	17.65 1.21 0.00	21.40 1.72 0.00	22.72 1.96 0.00	24.24 2.10 0.00	25.35 2.16 0.00	25.96 2.32 0.00	24.20 2.25 0.00	23.05 2.12 0.00	22.37 2.25 0.00	21.99 2.11 0.00	21.65 1.93 0.00	20.92 1.64 0.00	22.38 1.74 0.00	24.73 2.13 0.00	21.88 1.78 0.00
NYPA____HELLGATE_GT1 24158	15.70 1.09 0.00	16.56 1.02 0.00	16.40 0.99 0.00	12.55 0.72 -0.01	10.57 0.57 -0.01	11.42 0.61 -0.01	16.22 0.96 0.00	20.77 1.28 0.00	20.65 1.31 0.00	17.64 1.19 0.00	21.11 1.44 0.01	22.39 1.63 0.00	23.91 1.78 0.01	25.11 1.93 0.01	25.77 2.13 0.00	24.06 2.11 0.01	22.91 1.98 0.01	22.11 2.00 0.00	21.79 1.91 0.00	21.46 1.74 0.00	20.79 1.51 0.00	22.15 1.50 0.00	24.21 1.61 0.00	21.40 1.30 0.00
NYPA____HELLGATE_GT2 24159	15.70 1.09 0.00	16.56 1.02 0.00	16.40 0.99 0.00	12.55 0.72 -0.01	10.57 0.57 -0.01	11.42 0.61 -0.01	16.22 0.96 0.00	20.77 1.28 0.00	20.65 1.31 0.00	17.64 1.19 0.00	21.11 1.44 0.01	22.39 1.63 0.00	23.91 1.78 0.01	25.11 1.93 0.01	25.77 2.13 0.00	24.06 2.11 0.01	22.91 1.98 0.01	22.11 2.00 0.00	21.79 1.91 0.00	21.46 1.74 0.00	20.79 1.51 0.00	22.15 1.50 0.00	24.21 1.61 0.00	21.40 1.30 0.00
NYS_BARGE____HYD 23848	13.99 -0.62 0.00	14.99 -0.55 0.00	14.92 -0.47 0.00	11.40 -0.42 0.00	9.45 -0.50 0.05	10.16 -0.42 0.23	14.71 -0.55 0.00	18.90 -0.58 0.00	18.85 -0.49 0.00	15.96 -0.49 0.00	19.10 -0.58 0.00	20.09 -0.68 0.00	21.30 -0.84 0.00	22.21 -0.98 0.00	22.66 -0.98 0.00	20.93 -1.02 0.00	19.89 -1.04 0.00	19.00 -1.12 0.00	18.82 -1.06 0.00	18.81 -0.91 0.00	18.51 -0.77 0.00	19.72 -0.92 0.00	21.65 -0.94 0.00	19.16 -0.94 0.00
OAK ORCHARD____HYD 24046	14.29 -0.32 0.00	15.26 -0.28 0.00	15.16 -0.24 0.00	11.60 -0.22 0.00	9.69 -0.27 0.03	10.44 -0.22 0.16	15.01 -0.25 0.00	19.22 -0.26 0.00	19.16 -0.18 0.00	16.27 -0.18 0.00	19.50 -0.18 0.00	20.53 -0.23 0.00	21.80 -0.34 0.00	22.75 -0.43 0.00	23.20 -0.44 0.00	21.48 -0.47 0.00	20.44 -0.49 0.00	19.60 -0.52 0.00	19.39 -0.49 0.00	19.31 -0.41 0.00	18.94 -0.34 0.00	20.18 -0.46 0.00	22.09 -0.50 0.00	19.61 -0.50 0.00

OAKDALE___35_KV_LOAD 356122	14.59 -0.02 0.00	15.52 -0.03 0.00	15.41 0.01 0.00	11.78 -0.03 0.00	9.94 -0.06 -0.01	10.83 -0.03 -0.04	15.32 0.05 0.00	19.56 0.08 0.00	19.47 0.14 0.00	16.61 0.16 0.00	19.87 0.19 0.00	20.94 0.18 0.00	22.31 0.17 0.00	23.39 0.20 0.00	23.90 0.25 0.00	22.14 0.19 0.00	21.11 0.17 0.00	20.34 0.22 0.00	20.11 0.23 0.00	19.93 0.20 0.00	19.41 0.13 0.00	20.72 0.07 0.00	22.67 0.08 0.00	20.19 0.09 0.00
OCC_CHEM___DRP 24175	13.76 -0.85 0.00	14.75 -0.80 0.00	14.69 -0.71 0.00	11.22 -0.59 0.00	9.28 -0.66 0.05	9.97 -0.60 0.24	14.46 -0.81 0.00	18.54 -0.95 0.00	18.48 -0.86 0.00	15.64 -0.81 0.00	18.69 -0.99 0.00	19.56 -1.20 0.00	20.75 -1.39 0.00	21.64 -1.55 0.00	22.08 -1.56 0.00	20.41 -1.55 0.00	19.37 -1.57 0.00	18.47 -1.64 0.00	18.29 -1.59 0.00	18.31 -1.42 0.00	18.02 -1.26 0.00	19.20 -1.44 0.00	21.13 -1.47 0.00	18.79 -1.31 0.00
OH_GEN_PROXY 24063	13.87 -0.74 0.00	14.87 -0.68 0.00	14.79 -0.61 0.00	11.30 -0.52 0.00	9.37 -0.58 0.05	10.06 -0.52 0.23	14.58 -0.68 0.00	18.68 -0.81 0.00	18.62 -0.72 0.00	15.77 -0.68 0.00	18.89 -0.79 0.00	19.86 -0.90 0.00	21.07 -1.07 0.00	21.98 -1.21 0.00	22.42 -1.23 0.00	20.70 -1.25 0.00	19.67 -1.26 0.00	18.79 -1.33 0.00	18.60 -1.28 0.00	18.58 -1.14 0.00	18.28 -1.00 0.00	19.49 -1.16 0.00	21.39 -1.21 0.00	18.95 -1.16 0.00
OLIN_CORP_DRP 24177	13.82 -0.80 0.00	14.80 -0.74 0.00	14.74 -0.66 0.00	11.26 -0.55 0.00	9.32 -0.62 0.05	10.01 -0.56 0.25	14.53 -0.73 0.00	18.63 -0.85 0.00	18.57 -0.77 0.00	15.71 -0.74 0.00	18.79 -0.89 0.00	19.76 -1.00 0.00	20.97 -1.17 0.00	21.87 -1.32 0.00	22.31 -1.33 0.00	20.61 -1.34 0.00	19.57 -1.37 0.00	18.68 -1.44 0.00	18.50 -1.37 0.00	18.51 -1.21 0.00	18.22 -1.06 0.00	19.42 -1.23 0.00	21.34 -1.26 0.00	18.88 -1.23 0.00
OLIN_CORP_DSASP 323712	13.76 -0.85 0.00	14.75 -0.80 0.00	14.69 -0.71 0.00	11.22 -0.59 0.00	9.28 -0.66 0.05	9.97 -0.60 0.24	14.46 -0.81 0.00	18.54 -0.95 0.00	18.48 -0.86 0.00	15.63 -0.81 0.00	18.70 -0.98 0.00	19.58 -1.19 0.00	20.76 -1.38 0.00	21.64 -1.55 0.00	22.09 -1.56 0.00	20.41 -1.55 0.00	19.38 -1.55 0.00	18.47 -1.64 0.00	18.29 -1.59 0.00	18.31 -1.42 0.00	18.02 -1.26 0.00	19.20 -1.44 0.00	21.13 -1.46 0.00	18.79 -1.31 0.00
ONEIDA_HERK_LFGE 323681	14.63 0.02 0.00	15.59 0.04 0.00	15.45 0.05 0.00	11.89 0.08 0.00	10.10 0.11 0.00	10.95 0.14 0.00	15.50 0.24 0.00	19.82 0.34 0.00	19.64 0.31 0.00	16.68 0.24 0.00	20.08 0.40 0.00	21.27 0.51 0.00	22.71 0.57 0.00	23.76 0.57 0.00	24.16 0.52 0.00	22.37 0.42 0.00	21.21 0.47 0.19	20.61 0.49 0.00	20.39 0.51 0.00	20.27 0.55 0.00	19.81 0.53 0.00	21.21 0.57 0.00	23.16 0.57 0.00	20.57 0.47 0.00
ONEIDA___115KV_TB4 55905	14.86 0.25 0.00	15.81 0.26 0.00	15.66 0.26 0.00	12.01 0.20 0.00	10.16 0.17 0.00	11.03 0.22 0.00	15.64 0.38 0.00	20.00 0.52 0.00	19.87 0.53 0.00	16.90 0.45 0.00	20.24 0.56 0.00	21.35 0.59 0.00	22.77 0.63 0.00	23.87 0.69 0.00	24.29 0.65 0.00	22.55 0.60 0.00	21.54 0.61 0.00	20.75 0.63 0.00	20.50 0.62 0.00	20.36 0.64 0.00	19.89 0.61 0.00	21.23 0.59 0.00	23.20 0.60 0.00	20.61 0.51 0.00
ONONDAGA_REF_OCCRA 23987	14.55 -0.06 0.00	15.47 -0.07 0.00	15.35 -0.05 0.00	11.76 -0.06 0.00	9.92 -0.07 0.00	10.75 -0.06 0.00	15.23 -0.04 0.00	19.44 -0.04 0.00	19.32 -0.02 0.00	16.45 0.00 0.00	19.69 0.00 0.00	20.74 -0.02 0.00	22.10 -0.04 0.00	23.12 -0.07 0.00	23.53 -0.11 0.00	21.83 -0.13 0.00	20.82 -0.11 0.00	20.05 -0.06 0.00	19.82 -0.06 0.00	19.66 -0.06 0.00	19.20 -0.08 0.00	20.49 -0.15 0.00	22.42 -0.18 0.00	20.03 -0.08 0.00
ONONDAGA___COGEN 23986	14.57 -0.04 0.00	15.49 -0.05 0.00	15.36 -0.03 0.00	11.76 -0.05 0.00	9.93 -0.06 0.00	10.77 -0.04 0.00	15.25 -0.01 0.00	19.48 0.00 0.00	19.34 0.00 0.00	16.46 0.02 0.00	19.71 0.03 0.00	20.76 0.00 0.00	22.11 -0.03 0.00	23.12 -0.07 0.00	23.55 -0.09 0.00	21.82 -0.13 0.00	20.82 -0.11 0.00	20.07 -0.05 0.00	19.84 -0.04 0.00	19.69 -0.03 0.00	19.22 -0.06 0.00	20.51 -0.13 0.00	22.43 -0.16 0.00	20.07 -0.04 0.00
ONTARIO___LFGE 23819	14.50 -0.11 0.00	15.44 -0.11 0.00	15.34 -0.05 0.00	11.72 -0.09 0.00	9.81 -0.13 0.06	10.45 -0.07 0.30	15.28 0.02 0.00	19.57 0.09 0.00	19.43 0.09 0.00	16.49 0.04 0.00	19.72 0.04 0.00	20.72 -0.04 0.00	21.99 -0.14 0.00	23.09 -0.09 0.00	23.59 -0.05 0.00	21.79 -0.16 0.00	20.82 -0.11 0.00	20.06 -0.06 0.00	19.85 -0.02 0.00	19.73 0.01 0.00	19.30 0.02 0.00	20.58 -0.06 0.00	22.49 -0.11 0.00	20.00 -0.10 0.00
ORANGEVILLE_WT_PWR 323706	14.06 -0.55 0.00	15.03 -0.52 0.00	15.02 -0.38 0.00	11.46 -0.35 0.00	9.49 -0.43 0.07	10.09 -0.37 0.36	14.86 -0.40 0.00	19.07 -0.42 0.00	18.96 -0.38 0.00	16.03 -0.41 0.00	19.13 -0.55 0.00	20.08 -0.68 0.00	21.27 -0.87 0.00	22.32 -0.87 0.00	22.83 -0.81 0.00	21.04 -0.92 0.00	20.08 -0.85 0.00	19.30 -0.81 0.00	19.15 -0.73 0.00	19.14 -0.59 0.00	18.78 -0.50 0.00	20.07 -0.57 0.00	22.02 -0.58 0.00	19.53 -0.58 0.00
ORANGEVILLE___ESR 323794	14.06 -0.55 0.00	15.03 -0.52 0.00	15.02 -0.38 0.00	11.46 -0.35 0.00	9.49 -0.43 0.07	10.09 -0.37 0.36	14.86 -0.40 0.00	19.07 -0.42 0.00	18.96 -0.38 0.00	16.03 -0.41 0.00	19.13 -0.55 0.00	20.08 -0.68 0.00	21.27 -0.87 0.00	22.32 -0.87 0.00	22.83 -0.81 0.00	21.04 -0.92 0.00	20.08 -0.85 0.00	19.30 -0.81 0.00	19.15 -0.73 0.00	19.14 -0.59 0.00	18.78 -0.50 0.00	20.07 -0.57 0.00	22.02 -0.58 0.00	19.53 -0.58 0.00
OSWEGATCHIE___HYD 24044	14.25 -0.36 0.00	15.18 -0.36 0.00	15.08 -0.32 0.00	11.66 -0.15 0.00	9.94 -0.05 0.00	10.77 -0.04 0.00	15.11 -0.15 0.00	19.35 -0.13 0.00	19.10 -0.24 0.00	16.16 -0.28 0.00	19.50 -0.18 0.00	20.68 -0.07 0.00	22.12 -0.02 0.00	23.08 -0.11 0.00	23.43 -0.21 0.00	21.59 -0.36 0.00	18.95 -0.32 1.67	19.77 -0.35 0.00	19.63 -0.25 0.00	19.57 -0.15 0.00	19.23 -0.05 0.00	20.73 0.08 0.00	22.76 0.17 0.00	20.22 0.12 0.00
OSWEGO___5 23606	14.33 -0.28 0.00	15.25 -0.30 0.00	15.12 -0.28 0.00	11.59 -0.23 0.00	9.78 -0.21 0.00	10.59 -0.22 0.00	14.98 -0.29 0.00	19.14 -0.35 0.00	19.00 -0.34 0.00	16.17 -0.27 0.00	19.35 -0.33 0.00	20.40 -0.37 0.00	21.72 -0.42 0.00	22.71 -0.47 0.00	23.13 -0.51 0.00	21.45 -0.51 0.00	20.45 -0.49 0.00	19.68 -0.43 0.00	19.46 -0.42 0.00	19.33 -0.40 0.00	18.88 -0.40 0.00	20.15 -0.49 0.00	22.07 -0.53 0.00	19.74 -0.36 0.00
OSWEGO___6 23613	14.33 -0.28 0.00	15.25 -0.30 0.00	15.12 -0.28 0.00	11.59 -0.23 0.00	9.78 -0.21 0.00	10.59 -0.22 0.00	14.98 -0.29 0.00	19.14 -0.35 0.00	19.00 -0.34 0.00	16.17 -0.27 0.00	19.35 -0.33 0.00	20.40 -0.37 0.00	21.72 -0.42 0.00	22.71 -0.47 0.00	23.13 -0.51 0.00	21.45 -0.51 0.00	20.45 -0.49 0.00	19.68 -0.43 0.00	19.46 -0.42 0.00	19.33 -0.40 0.00	18.88 -0.40 0.00	20.15 -0.49 0.00	22.07 -0.53 0.00	19.74 -0.36 0.00

OUTOKUMPU-AB___DRP 24206	14.07 -0.55 0.00	15.07 -0.47 0.00	15.00 -0.39 0.00	11.46 -0.35 0.00	9.49 -0.45 0.05	10.20 -0.37 0.25	14.81 -0.45 0.00	19.02 -0.46 0.00	18.97 -0.37 0.00	16.06 -0.39 0.00	19.23 -0.46 0.00	20.17 -0.59 0.00	21.40 -0.74 0.00	22.32 -0.87 0.00	22.78 -0.86 0.00	21.05 -0.90 0.00	19.98 -0.95 0.00	19.10 -1.02 0.00	18.92 -0.96 0.00	18.92 -0.81 0.00	18.60 -0.68 0.00	19.82 -0.82 0.00	21.77 -0.82 0.00	19.30 -0.80 0.00
OXBOW___BTM 323836	13.92 -0.69 0.00	14.92 -0.63 0.00	14.85 -0.55 0.00	11.35 -0.47 0.00	9.39 -0.55 0.05	10.09 -0.48 0.25	14.64 -0.62 0.00	18.79 -0.69 0.00	18.74 -0.60 0.00	15.86 -0.58 0.00	18.99 -0.69 0.00	19.90 -0.86 0.00	21.10 -1.04 0.00	22.00 -1.19 0.00	22.45 -1.19 0.00	20.75 -1.20 0.00	19.71 -1.23 0.00	18.80 -1.31 0.00	18.62 -1.26 0.00	18.62 -1.10 0.00	18.33 -0.96 0.00	19.53 -1.12 0.00	21.47 -1.13 0.00	19.06 -1.04 0.00
OXBOW___ 24026	13.92 -0.69 0.00	14.91 -0.63 0.00	14.85 -0.55 0.00	11.35 -0.47 0.00	9.39 -0.55 0.05	10.09 -0.47 0.25	14.64 -0.62 0.00	18.79 -0.70 0.00	18.74 -0.60 0.00	15.86 -0.58 0.00	18.98 -0.70 0.00	19.88 -0.88 0.00	21.09 -1.05 0.00	22.00 -1.19 0.00	22.45 -1.19 0.00	20.75 -1.20 0.00	19.69 -1.24 0.00	18.80 -1.31 0.00	18.62 -1.25 0.00	18.63 -1.09 0.00	18.33 -0.96 0.00	19.53 -1.12 0.00	21.47 -1.13 0.00	19.06 -1.05 0.00
OXY_CHEM_DSASP 323612	13.76 -0.85 0.00	14.75 -0.80 0.00	14.69 -0.71 0.00	11.22 -0.59 0.00	9.28 -0.66 0.05	9.97 -0.60 0.24	14.46 -0.81 0.00	18.54 -0.95 0.00	18.48 -0.86 0.00	15.64 -0.81 0.00	18.69 -0.99 0.00	19.56 -1.20 0.00	20.75 -1.39 0.00	21.64 -1.55 0.00	22.08 -1.56 0.00	20.41 -1.55 0.00	19.37 -1.57 0.00	18.47 -1.64 0.00	18.29 -1.59 0.00	18.31 -1.42 0.00	18.02 -1.26 0.00	19.20 -1.44 0.00	21.13 -1.47 0.00	18.79 -1.31 0.00
OZONE_PARK_ESR 323760	15.81 1.20 0.00	16.69 1.15 0.00	16.53 1.13 0.00	12.67 0.85 0.00	10.67 0.68 0.00	11.53 0.72 0.00	16.37 1.11 0.00	20.95 1.46 0.00	20.85 1.52 0.00	17.80 1.36 0.00	21.35 1.67 0.00	22.62 1.86 0.00	24.14 2.01 0.00	25.38 2.19 0.00	26.06 2.41 0.00	24.32 2.37 0.00	23.17 2.24 0.00	22.36 2.24 0.00	22.03 2.16 0.00	21.70 1.97 0.00	21.00 1.72 0.00	22.38 1.74 0.00	24.44 1.85 0.00	21.60 1.49 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	13.76 -0.85 0.00	14.75 -0.80 0.00	14.69 -0.71 0.00	11.22 -0.59 0.00	9.28 -0.66 0.05	9.97 -0.60 0.24	14.46 -0.81 0.00	18.54 -0.95 0.00	18.48 -0.86 0.00	15.64 -0.81 0.00	18.69 -0.99 0.00	19.56 -1.20 0.00	20.75 -1.39 0.00	21.64 -1.55 0.00	22.08 -1.56 0.00	20.41 -1.55 0.00	19.37 -1.57 0.00	18.47 -1.64 0.00	18.29 -1.59 0.00	18.31 -1.42 0.00	18.02 -1.26 0.00	19.20 -1.44 0.00	21.13 -1.47 0.00	18.79 -1.31 0.00
PACKARD___115KV_DUPONT_184 80571	13.76 -0.85 0.00	14.75 -0.80 0.00	14.69 -0.71 0.00	11.22 -0.59 0.00	9.28 -0.66 0.05	9.97 -0.60 0.24	14.46 -0.81 0.00	18.54 -0.95 0.00	18.48 -0.86 0.00	15.64 -0.81 0.00	18.69 -0.99 0.00	19.56 -1.20 0.00	20.75 -1.39 0.00	21.64 -1.55 0.00	22.08 -1.56 0.00	20.41 -1.55 0.00	19.37 -1.57 0.00	18.47 -1.64 0.00	18.29 -1.59 0.00	18.31 -1.42 0.00	18.02 -1.26 0.00	19.20 -1.44 0.00	21.13 -1.47 0.00	18.79 -1.31 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	15.66 1.05 0.00	16.53 0.99 0.00	16.39 0.98 0.00	12.55 0.73 -0.01	10.58 0.58 -0.01	11.43 0.62 -0.01	16.21 0.94 0.00	20.74 1.25 0.00	20.61 1.27 0.00	17.59 1.14 0.00	21.07 1.39 0.00	22.33 1.57 0.00	23.86 1.72 0.00	25.07 1.88 0.00	25.71 2.07 0.00	23.99 2.04 0.00	22.86 1.93 0.00	22.06 1.94 0.00	21.73 1.86 0.00	21.42 1.70 0.00	20.75 1.47 0.00	22.10 1.46 0.00	24.16 1.57 0.00	21.37 1.27 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	15.67 1.06 0.00	16.54 0.99 0.00	16.40 0.99 0.00	12.56 0.74 -0.01	10.58 0.58 -0.01	11.43 0.62 -0.01	16.23 0.97 0.00	20.78 1.30 0.00	20.65 1.31 0.00	17.61 1.16 0.00	21.11 1.43 0.00	22.33 1.57 0.00	23.90 1.76 0.00	25.07 1.88 0.00	25.72 2.08 0.00	24.00 2.04 0.00	22.86 1.93 0.00	22.06 1.94 0.00	21.73 1.86 0.00	21.42 1.70 0.00	20.75 1.47 0.00	22.11 1.46 0.00	24.16 1.57 0.00	21.37 1.27 0.00
PATROON___115KV_TB1 80586	15.13 0.52 0.00	16.10 0.56 0.00	15.99 0.59 0.00	12.28 0.46 0.00	10.37 0.38 0.00	11.19 0.38 0.00	15.78 0.51 0.00	19.99 0.50 0.00	19.75 0.42 0.00	16.82 0.37 0.00	20.17 0.49 0.00	21.25 0.49 0.00	22.71 0.57 0.00	23.83 0.64 0.00	24.30 0.65 0.00	22.58 0.62 0.00	21.56 0.63 0.00	20.81 0.69 0.00	20.57 0.69 0.00	20.45 0.72 0.00	19.86 0.58 0.00	21.17 0.53 0.00	23.20 0.60 0.00	20.56 0.46 0.00
PATTRSNVILLE___SOLAR 323815	15.13 0.52 0.00	16.10 0.56 0.00	15.97 0.57 0.00	12.24 0.43 0.00	10.34 0.35 0.00	11.19 0.38 0.00	15.82 0.56 0.00	20.17 0.69 0.00	20.01 0.67 0.00	17.05 0.60 0.00	20.40 0.72 0.00	21.45 0.69 0.00	22.87 0.74 0.00	24.10 0.91 0.00	24.60 0.95 0.00	22.81 0.86 0.00	21.77 0.84 0.00	21.00 0.88 0.00	20.75 0.87 0.00	20.53 0.80 0.00	20.03 0.75 0.00	21.39 0.74 0.00	23.40 0.80 0.00	20.77 0.66 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	14.29 -0.32 0.00	15.29 -0.26 0.00	15.22 -0.18 0.00	11.61 -0.20 0.00	9.64 -0.29 0.06	10.31 -0.21 0.29	15.06 -0.20 0.00	19.32 -0.17 0.00	19.26 -0.07 0.00	16.32 -0.13 0.00	19.53 -0.15 0.00	20.53 -0.23 0.00	21.79 -0.35 0.00	22.78 -0.41 0.00	23.27 -0.37 0.00	21.48 -0.47 0.00	20.40 -0.53 0.00	19.56 -0.56 0.00	19.37 -0.50 0.00	19.32 -0.41 0.00	18.94 -0.34 0.00	20.20 -0.44 0.00	22.15 -0.44 0.00	19.62 -0.48 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	15.58 0.97 0.00	16.49 0.95 0.00	16.35 0.95 0.00	12.53 0.71 0.00	10.56 0.57 0.00	11.42 0.61 0.00	16.21 0.94 0.00	20.72 1.24 0.00	20.59 1.25 0.00	17.55 1.11 0.00	21.07 1.39 0.00	22.29 1.53 0.00	23.82 1.68 0.00	25.03 1.84 0.00	25.63 1.99 0.00	23.89 1.94 0.00	22.80 1.87 0.00	22.01 1.89 0.00	21.73 1.86 0.00	21.44 1.71 0.00	20.76 1.48 0.00	22.12 1.47 0.00	24.15 1.55 0.00	21.34 1.24 0.00
PEEKSKILL___ 23653	15.49 0.88 0.00	16.38 0.84 0.00	16.23 0.83 0.00	12.43 0.62 0.00	10.48 0.49 0.00	11.33 0.52 0.00	16.07 0.81 0.00	20.55 1.07 0.00	20.44 1.10 0.00	17.43 0.99 0.00	20.91 1.23 0.00	22.14 1.38 0.00	23.65 1.51 0.00	24.85 1.66 0.00	25.47 1.83 0.00	23.75 1.79 0.00	22.64 1.71 0.00	21.87 1.75 0.00	21.56 1.68 0.00	21.25 1.53 0.00	20.58 1.30 0.00	21.93 1.29 0.00	23.96 1.37 0.00	21.20 1.10 0.00
PGE MADISON___WINDPWR 24146	15.32 0.71 0.00	16.22 0.67 0.00	16.13 0.73 0.00	12.38 0.57 0.00	10.50 0.44 -0.07	11.75 0.58 -0.35	16.31 1.05 0.00	20.86 1.38 0.00	20.75 1.41 0.00	17.69 1.24 0.00	21.18 1.50 0.00	22.19 1.43 0.00	23.50 1.36 0.00	24.79 1.60 0.00	25.34 1.70 0.00	23.63 1.68 0.00	22.42 1.49 0.00	21.78 1.66 0.00	21.50 1.63 0.00	21.31 1.58 0.00	20.89 1.62 0.00	22.23 1.58 0.00	24.15 1.55 0.00	21.45 1.35 0.00

PIERCEFIELD___HYD 23852	14.22 -0.40 0.00	15.18 -0.36 0.00	15.11 -0.29 0.00	11.67 -0.15 0.00	9.92 -0.07 0.00	10.73 -0.08 0.00	14.95 -0.31 0.00	19.13 -0.35 0.00	18.90 -0.43 0.00	15.97 -0.48 0.00	19.12 -0.56 0.00	20.20 -0.57 0.00	21.57 -0.57 0.00	22.52 -0.67 0.00	22.85 -0.79 0.00	21.08 -0.87 0.00	17.48 -0.93 2.52	19.08 -1.03 0.00	18.96 -0.92 0.00	18.91 -0.81 0.00	18.67 -0.61 0.00	20.22 -0.43 0.00	22.31 -0.28 0.00	19.84 -0.27 0.00
PINELAWN_CC_1 323563	15.88 1.27 0.00	16.86 1.31 0.00	16.67 1.28 0.00	12.71 0.89 0.00	10.72 0.73 0.00	11.60 0.79 0.00	16.51 1.25 0.00	20.97 1.49 0.00	20.80 1.47 0.00	17.69 1.24 0.00	21.40 1.72 0.00	22.70 1.94 0.00	24.22 2.08 0.00	25.33 2.15 0.00	25.97 2.33 0.00	24.24 2.28 0.00	23.13 2.20 0.00	22.39 2.27 0.00	22.03 2.15 0.00	21.71 1.98 0.00	20.99 1.71 0.00	22.43 1.78 0.00	24.70 2.10 0.00	21.82 1.72 0.00
PJM_GEN_HTP_PROXY 323702	15.64 1.03 0.00	16.53 0.99 0.00	16.37 0.97 0.00	12.55 0.73 0.00	10.57 0.58 0.00	11.43 0.61 0.00	16.21 0.95 0.00	19.71 1.25 1.02	20.64 1.30 0.00	17.62 1.17 0.00	21.13 1.45 0.00	22.38 1.62 0.00	23.91 1.77 0.00	25.12 1.93 0.00	25.78 2.14 0.00	23.91 2.12 0.16	22.93 1.99 0.00	22.12 2.00 0.00	21.80 1.92 0.00	21.46 1.74 0.00	20.77 1.49 0.00	22.13 1.49 0.00	24.19 1.59 0.00	21.37 1.27 0.00
PJM_GEN_KEystone 24065	14.79 0.18 0.00	15.69 0.15 0.00	15.58 0.18 0.00	11.91 0.09 0.00	9.99 0.02 0.03	10.72 0.05 0.15	15.46 0.19 0.00	18.74 0.28 1.02	19.67 0.34 0.00	16.74 0.30 0.00	20.05 0.37 0.00	21.17 0.40 0.00	22.55 0.41 0.00	23.66 0.47 0.00	24.25 0.60 0.00	22.34 0.54 0.16	21.43 0.50 0.00	20.64 0.53 0.00	20.39 0.50 0.00	20.15 0.43 0.00	19.59 0.31 0.00	20.87 0.22 0.00	22.87 0.27 0.00	20.28 0.18 0.00
PJM_GEN_NEPTUNE_PROXY 323594	15.69 1.08 0.00	16.65 1.11 0.00	16.47 1.07 0.00	12.57 0.76 0.00	10.61 0.62 0.00	11.47 0.66 0.00	16.31 1.04 0.00	19.71 1.25 1.02	20.58 1.24 0.00	17.53 1.08 0.00	21.20 1.52 0.00	22.47 1.71 0.00	23.98 1.84 0.00	25.10 1.91 0.00	25.73 2.09 0.00	23.84 2.05 0.16	22.86 1.93 0.00	22.12 2.00 0.00	21.76 1.89 0.00	21.44 1.71 0.00	20.75 1.47 0.00	22.17 1.53 0.00	24.37 1.77 0.00	21.53 1.43 0.00
PJM_GEN_VFT_PROXY 323633	15.63 1.02 0.00	16.51 0.96 0.00	16.34 0.94 0.00	12.51 0.70 0.00	10.54 0.55 0.00	11.38 0.57 0.00	16.18 0.92 0.00	19.68 1.22 1.02	20.61 1.27 0.00	17.59 1.15 0.00	21.09 1.41 0.00	22.34 1.58 0.00	23.85 1.72 0.00	25.07 1.88 0.00	25.73 2.09 0.00	23.86 2.07 0.16	22.88 1.94 0.00	22.09 1.97 0.00	21.75 1.88 0.00	21.44 1.71 0.00	20.75 1.47 0.00	22.09 1.45 0.00	24.13 1.54 0.00	21.32 1.22 0.00
PLATSBURG_115KV_PMLD1 355749	14.14 -0.47 0.00	14.96 -0.58 0.00	14.77 -0.63 0.00	11.38 -0.43 0.00	9.70 -0.29 0.00	10.65 -0.16 0.00	15.07 -0.19 0.00	19.11 -0.38 0.00	18.78 -0.56 0.00	15.82 -0.62 0.00	18.86 -0.82 0.00	19.99 -0.77 0.00	21.19 -0.95 0.00	22.30 -0.90 0.00	22.56 -1.09 0.00	20.99 -0.96 0.00	16.81 -1.00 3.12	19.14 -0.98 0.00	19.39 -0.49 0.00	19.41 -0.31 0.00	19.30 0.02 0.00	20.91 0.27 0.00	22.88 0.29 0.00	20.25 0.14 0.00
PLEASANTVLY___LBMP 24000	15.37 0.76 0.00	16.29 0.75 0.00	16.17 0.77 0.00	12.39 0.58 0.00	10.45 0.46 0.00	11.29 0.48 0.00	15.99 0.73 0.00	20.42 0.94 0.00	20.25 0.92 0.00	17.27 0.82 0.00	20.71 1.03 0.00	21.89 1.13 0.00	23.38 1.24 0.00	24.57 1.38 0.00	25.16 1.52 0.00	23.42 1.46 0.00	22.34 1.40 0.00	21.57 1.46 0.00	21.30 1.42 0.00	21.02 1.30 0.00	20.38 1.10 0.00	21.72 1.07 0.00	23.74 1.14 0.00	21.02 0.92 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	15.47 0.86 0.00	16.38 0.83 0.00	16.25 0.85 0.00	12.45 0.63 0.00	10.49 0.50 0.00	11.34 0.53 0.00	16.08 0.82 0.00	20.55 1.06 0.00	20.41 1.08 0.00	17.40 0.96 0.00	20.88 1.20 0.00	22.08 1.32 0.00	23.59 1.45 0.00	24.78 1.60 0.00	25.39 1.75 0.00	23.66 1.71 0.00	22.57 1.64 0.00	21.79 1.67 0.00	21.50 1.63 0.00	21.21 1.48 0.00	20.54 1.26 0.00	21.88 1.24 0.00	23.92 1.32 0.00	21.17 1.07 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	15.47 0.86 0.00	16.38 0.83 0.00	16.25 0.85 0.00	12.45 0.63 0.00	10.49 0.50 0.00	11.34 0.53 0.00	16.08 0.82 0.00	20.55 1.06 0.00	20.41 1.08 0.00	17.40 0.96 0.00	20.88 1.20 0.00	22.08 1.32 0.00	23.59 1.45 0.00	24.78 1.60 0.00	25.39 1.75 0.00	23.66 1.71 0.00	22.57 1.64 0.00	21.79 1.67 0.00	21.50 1.63 0.00	21.21 1.48 0.00	20.54 1.26 0.00	21.88 1.24 0.00	23.92 1.32 0.00	21.17 1.07 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	15.46 0.84 0.00	16.37 0.83 0.00	16.26 0.86 0.00	12.46 0.64 0.00	10.51 0.51 0.00	11.36 0.54 0.00	16.10 0.83 0.00	20.56 1.08 0.00	20.39 1.06 0.00	17.38 0.93 0.00	20.85 1.16 0.00	22.04 1.27 0.00	23.53 1.39 0.00	24.73 1.55 0.00	25.35 1.70 0.00	23.61 1.65 0.00	22.52 1.58 0.00	21.76 1.64 0.00	21.50 1.62 0.00	21.22 1.49 0.00	20.56 1.28 0.00	21.90 1.26 0.00	23.92 1.33 0.00	21.17 1.07 0.00
POLETTI____ 23519	15.64 1.03 0.00	16.52 0.97 0.00	16.36 0.96 0.00	12.54 0.73 0.00	10.57 0.58 0.00	11.41 0.60 0.00	16.18 0.91 0.00	20.69 1.21 0.00	20.59 1.25 0.00	17.59 1.14 0.00	21.09 1.41 0.00	22.33 1.57 0.00	23.84 1.71 0.01	25.06 1.88 0.00	25.73 2.09 0.00	24.01 2.06 0.00	22.88 1.95 0.00	22.08 1.96 0.00	21.76 1.88 0.00	21.43 1.70 0.00	20.74 1.46 0.00	22.08 1.44 0.00	24.12 1.52 0.00	21.33 1.22 0.00
POMONA___ESR 323819	15.46 0.85 0.00	16.34 0.80 0.00	16.19 0.79 0.00	12.40 0.59 0.00	10.46 0.47 0.00	11.30 0.49 0.00	16.04 0.78 0.00	20.52 1.04 0.00	20.40 1.07 0.00	17.41 0.96 0.00	20.88 1.20 0.00	22.11 1.35 0.00	23.62 1.48 0.00	24.82 1.63 0.00	25.45 1.81 0.00	23.74 1.78 0.00	22.64 1.71 0.00	21.86 1.75 0.00	21.54 1.67 0.00	21.25 1.53 0.00	20.58 1.30 0.00	21.92 1.27 0.00	23.95 1.35 0.00	21.19 1.08 0.00
PORT_JEFF_3 23555	15.95 1.34 0.00	16.99 1.44 0.00	16.81 1.41 0.00	12.78 0.96 0.00	10.79 0.80 0.00	11.68 0.87 0.00	16.58 1.32 0.00	20.99 1.50 0.00	20.79 1.46 0.00	17.64 1.19 0.00	21.42 1.74 0.00	22.75 1.98 0.00	24.26 2.13 0.00	25.35 2.16 0.00	25.93 2.29 0.00	24.17 2.22 0.00	23.01 2.07 0.00	22.32 2.20 0.00	21.93 2.05 0.00	21.57 1.84 0.00	20.86 1.58 0.00	22.34 1.70 0.00	24.72 2.12 0.00	21.89 1.79 0.00
PORT_JEFF_4 23616	15.95 1.34 0.00	16.99 1.44 0.00	16.81 1.41 0.00	12.78 0.96 0.00	10.79 0.80 0.00	11.68 0.87 0.00	16.58 1.32 0.00	20.99 1.50 0.00	20.79 1.46 0.00	17.64 1.19 0.00	21.42 1.74 0.00	22.75 1.98 0.00	24.26 2.13 0.00	25.35 2.16 0.00	25.93 2.29 0.00	24.17 2.22 0.00	23.01 2.07 0.00	22.32 2.20 0.00	21.93 2.05 0.00	21.57 1.84 0.00	20.86 1.58 0.00	22.34 1.70 0.00	24.72 2.12 0.00	21.89 1.79 0.00

PORT_JEFF_IC 23713	15.97 1.36 0.00	17.01 1.46 0.00	16.83 1.43 0.00	12.79 0.97 0.00	10.80 0.81 0.00	11.69 0.88 0.00	16.61 1.35 0.00	21.02 1.54 0.00	20.83 1.49 0.00	17.67 1.22 0.00	21.44 1.76 0.00	22.77 2.01 0.00	24.29 2.15 0.00	25.39 2.20 0.00	25.98 2.33 0.00	24.22 2.27 0.00	23.07 2.14 0.00	22.39 2.28 0.00	21.96 2.08 0.00	21.56 1.84 0.00	20.88 1.60 0.00	22.40 1.76 0.00	24.76 2.17 0.00	21.92 1.82 0.00
PPL PILGRIM_ST_GT1 24216	15.98 1.37 0.00	17.00 1.46 0.00	16.81 1.41 0.00	12.80 0.99 0.00	10.81 0.82 0.00	11.70 0.88 0.00	16.64 1.38 0.00	21.11 1.63 0.00	20.93 1.59 0.00	17.77 1.32 0.00	21.52 1.84 0.00	22.86 2.10 0.00	24.39 2.25 0.00	25.50 2.31 0.00	26.13 2.48 0.00	24.37 2.42 0.00	23.25 2.32 0.00	22.54 2.42 0.00	22.16 2.28 0.00	21.84 2.11 0.00	21.10 1.82 0.00	22.55 1.91 0.00	24.87 2.27 0.00	21.97 1.86 0.00
PPL PILGRIM_ST_GT2 24217	15.98 1.37 0.00	17.00 1.46 0.00	16.81 1.41 0.00	12.80 0.99 0.00	10.81 0.82 0.00	11.70 0.88 0.00	16.64 1.38 0.00	21.11 1.63 0.00	20.93 1.59 0.00	17.77 1.32 0.00	21.52 1.84 0.00	22.86 2.10 0.00	24.39 2.25 0.00	25.50 2.31 0.00	26.13 2.48 0.00	24.37 2.42 0.00	23.25 2.32 0.00	22.54 2.42 0.00	22.16 2.28 0.00	21.84 2.11 0.00	21.10 1.82 0.00	22.55 1.91 0.00	24.87 2.27 0.00	21.97 1.86 0.00
PPL_SHRM_GT3 24213	15.95 1.34 0.00	17.07 1.53 0.00	16.91 1.51 0.00	12.80 0.98 0.00	10.81 0.82 0.00	11.70 0.89 0.00	16.66 1.40 0.00	20.99 1.51 0.00	20.78 1.44 0.00	17.56 1.11 0.00	21.29 1.60 0.00	22.60 1.84 0.00	24.11 1.97 0.00	25.23 2.04 0.00	25.84 2.20 0.00	24.12 2.16 0.00	22.94 2.00 0.00	22.28 2.16 0.00	21.93 2.06 0.00	21.60 1.88 0.00	20.81 1.53 0.00	22.29 1.65 0.00	24.65 2.05 0.00	21.81 1.70 0.00
PPL_SHRM_GT4 24214	15.95 1.34 0.00	17.07 1.53 0.00	16.91 1.51 0.00	12.80 0.98 0.00	10.81 0.82 0.00	11.70 0.89 0.00	16.66 1.40 0.00	20.99 1.51 0.00	20.78 1.44 0.00	17.56 1.11 0.00	21.29 1.60 0.00	22.60 1.84 0.00	24.11 1.97 0.00	25.23 2.04 0.00	25.84 2.20 0.00	24.12 2.16 0.00	22.94 2.00 0.00	22.28 2.16 0.00	21.93 2.06 0.00	21.60 1.88 0.00	20.81 1.53 0.00	22.29 1.65 0.00	24.65 2.05 0.00	21.81 1.70 0.00
PROJECT___ORANGE 1 24174	14.50 -0.11 0.00	15.42 -0.12 0.00	15.30 -0.10 0.00	11.71 -0.10 0.00	9.89 -0.10 0.00	10.72 -0.09 0.00	15.17 -0.09 0.00	19.37 -0.11 0.00	19.25 -0.09 0.00	16.39 -0.06 0.00	19.62 -0.07 0.00	20.67 -0.08 0.00	22.02 -0.12 0.00	23.03 -0.16 0.00	23.45 -0.19 0.00	21.75 -0.21 0.00	20.74 -0.19 0.00	19.97 -0.15 0.00	19.73 -0.14 0.00	19.58 -0.14 0.00	19.12 -0.16 0.00	20.40 -0.24 0.00	22.33 -0.27 0.00	19.95 -0.15 0.00
PROJECT___ORANGE 2 24166	14.50 -0.11 0.00	15.42 -0.12 0.00	15.30 -0.10 0.00	11.71 -0.10 0.00	9.89 -0.10 0.00	10.72 -0.09 0.00	15.17 -0.09 0.00	19.37 -0.11 0.00	19.25 -0.09 0.00	16.39 -0.06 0.00	19.62 -0.07 0.00	20.67 -0.08 0.00	22.02 -0.12 0.00	23.03 -0.16 0.00	23.45 -0.19 0.00	21.75 -0.21 0.00	20.74 -0.19 0.00	19.97 -0.15 0.00	19.73 -0.14 0.00	19.58 -0.14 0.00	19.12 -0.16 0.00	20.40 -0.24 0.00	22.33 -0.27 0.00	19.95 -0.15 0.00
PUCKETT___SOLAR 323809	14.76 0.15 0.00	15.64 0.10 0.00	15.55 0.15 0.00	11.91 0.10 0.00	10.05 0.05 -0.02	11.00 0.09 -0.09	15.53 0.26 0.00	19.83 0.35 0.00	19.74 0.40 0.00	16.83 0.38 0.00	20.09 0.41 0.00	21.08 0.32 0.00	22.47 0.33 0.00	23.60 0.41 0.00	24.13 0.49 0.00	22.40 0.44 0.00	21.33 0.40 0.00	20.59 0.47 0.00	20.37 0.49 0.00	20.19 0.46 0.00	19.68 0.40 0.00	21.00 0.36 0.00	22.94 0.34 0.00	20.42 0.31 0.00
PYRITES___HYD 24023	14.43 -0.18 0.00	15.42 -0.13 0.00	15.34 -0.05 0.00	11.84 0.03 0.00	10.06 0.07 0.00	10.90 0.09 0.00	15.21 -0.05 0.00	19.46 -0.02 0.00	19.26 -0.08 0.00	16.21 -0.23 0.00	19.39 -0.29 0.00	20.46 -0.30 0.00	21.83 -0.30 0.00	22.74 -0.45 0.00	23.15 -0.49 0.00	21.39 -0.57 0.00	17.77 -0.57 2.59	19.45 -0.66 0.00	19.35 -0.53 0.00	19.31 -0.42 0.00	19.08 -0.20 0.00	20.63 -0.02 0.00	22.66 0.07 0.00	20.11 0.00 0.00
QUAKERRD_115KV_BK1 80622	14.03 -0.58 0.00	14.97 -0.57 0.00	14.86 -0.54 0.00	11.37 -0.44 0.00	9.52 -0.44 0.03	10.26 -0.42 0.14	14.73 -0.53 0.00	18.85 -0.63 0.00	18.77 -0.56 0.00	15.95 -0.50 0.00	19.11 -0.58 0.00	20.12 -0.64 0.00	21.38 -0.76 0.00	22.33 -0.86 0.00	22.76 -0.88 0.00	21.07 -0.88 0.00	20.06 -0.88 0.00	19.27 -0.85 0.00	19.04 -0.83 0.00	18.96 -0.76 0.00	18.58 -0.70 0.00	19.80 -0.84 0.00	21.66 -0.93 0.00	19.26 -0.84 0.00
QUENSBRY_115KV_TB8 356137	15.68 1.07 0.00	16.67 1.13 0.00	16.53 1.13 0.00	12.68 0.87 0.00	10.73 0.74 0.00	11.61 0.80 0.00	16.47 1.21 0.00	20.99 1.50 0.00	20.74 1.41 0.00	17.67 1.22 0.00	21.22 1.53 0.00	22.29 1.53 0.00	23.82 1.68 0.00	25.12 1.93 0.00	25.62 1.97 0.00	23.71 1.76 0.00	22.68 1.75 0.00	21.82 1.70 0.00	21.49 1.62 0.00	21.11 1.39 0.00	20.70 1.42 0.00	22.03 1.39 0.00	24.26 1.66 0.00	21.47 1.37 0.00
RAMAPO___LBMP 323565	15.39 0.78 0.00	16.27 0.73 0.00	16.12 0.72 0.00	12.35 0.54 0.00	10.42 0.43 0.00	11.26 0.44 0.00	15.98 0.71 0.00	20.42 0.94 0.00	20.32 0.99 0.00	17.34 0.89 0.00	20.79 1.11 0.00	22.00 1.24 0.00	23.51 1.37 0.00	24.69 1.50 0.00	25.32 1.68 0.00	23.60 1.65 0.00	22.51 1.58 0.00	21.74 1.62 0.00	21.43 1.55 0.00	21.13 1.40 0.00	20.47 1.19 0.00	21.80 1.16 0.00	23.83 1.23 0.00	21.09 0.98 0.00
RANKINE____ 23646	14.16 -0.45 0.00	15.17 -0.38 0.00	15.11 -0.29 0.00	11.52 -0.29 0.00	9.56 -0.38 0.05	10.23 -0.30 0.28	14.93 -0.33 0.00	19.16 -0.33 0.00	19.09 -0.25 0.00	16.17 -0.28 0.00	19.35 -0.34 0.00	20.32 -0.44 0.00	21.56 -0.58 0.00	22.54 -0.65 0.00	23.01 -0.63 0.00	21.26 -0.69 0.00	20.20 -0.73 0.00	19.34 -0.77 0.00	19.17 -0.70 0.00	19.14 -0.58 0.00	18.79 -0.49 0.00	20.04 -0.60 0.00	21.99 -0.60 0.00	19.47 -0.64 0.00
RAVENSWOOD_GT2_1 24244	15.66 1.04 0.00	16.54 1.00 0.00	16.39 0.99 0.00	12.56 0.75 0.00	10.58 0.59 0.00	11.44 0.62 0.00	16.22 0.96 0.00	20.75 1.26 0.00	20.65 1.31 0.00	17.63 1.18 0.00	21.14 1.46 0.00	22.39 1.63 0.00	23.92 1.78 0.00	25.13 1.94 0.00	25.78 2.13 0.00	24.06 2.10 0.00	22.92 1.99 0.00	22.12 2.00 0.00	21.79 1.92 0.00	21.47 1.74 0.00	20.78 1.50 0.00	22.14 1.49 0.00	24.19 1.59 0.00	21.38 1.27 0.00
RAVENSWOOD_GT2_2 24245	15.66 1.04 0.00	16.54 1.00 0.00	16.39 0.99 0.00	12.56 0.75 0.00	10.58 0.59 0.00	11.44 0.62 0.00	16.22 0.96 0.00	20.75 1.26 0.00	20.65 1.31 0.00	17.63 1.18 0.00	21.14 1.46 0.00	22.39 1.63 0.00	23.92 1.78 0.00	25.13 1.94 0.00	25.78 2.13 0.00	24.06 2.10 0.00	22.92 1.99 0.00	22.12 2.00 0.00	21.79 1.92 0.00	21.47 1.74 0.00	20.78 1.50 0.00	22.14 1.49 0.00	24.19 1.59 0.00	21.38 1.27 0.00



RAVENSWOOD_GT2_3 24246	15.66 1.05 0.00	16.55 1.00 0.00	16.39 0.99 0.00	12.56 0.75 0.00	10.59 0.60 0.00	11.44 0.63 0.00	16.22 0.96 0.00	20.75 1.27 0.00	20.66 1.32 0.00	17.64 1.19 0.00	21.15 1.47 0.00	22.40 1.64 0.00	23.92 1.78 0.00	25.14 1.95 0.00	25.79 2.15 0.00	24.07 2.11 0.00	22.93 2.00 0.00	22.13 2.01 0.00	21.81 1.93 0.00	21.48 1.75 0.00	20.79 1.51 0.00	22.15 1.50 0.00	24.20 1.60 0.00	21.39 1.29 0.00
RAVENSWOOD_GT2_4 24247	15.66 1.05 0.00	16.55 1.00 0.00	16.39 0.99 0.00	12.56 0.75 0.00	10.59 0.60 0.00	11.44 0.63 0.00	16.22 0.96 0.00	20.75 1.27 0.00	20.66 1.32 0.00	17.64 1.19 0.00	21.15 1.47 0.00	22.40 1.64 0.00	23.92 1.78 0.00	25.14 1.95 0.00	25.79 2.15 0.00	24.07 2.11 0.00	22.93 2.00 0.00	22.13 2.01 0.00	21.81 1.93 0.00	21.48 1.75 0.00	20.79 1.51 0.00	22.15 1.50 0.00	24.20 1.60 0.00	21.39 1.29 0.00
RAVENSWOOD_GT3_1 24248	15.66 1.04 0.00	16.54 1.00 0.00	16.39 0.99 0.00	12.56 0.75 0.00	10.58 0.59 0.00	11.44 0.62 0.00	16.22 0.96 0.00	20.75 1.26 0.00	20.65 1.31 0.00	17.63 1.18 0.00	21.14 1.46 0.00	22.39 1.63 0.00	23.92 1.78 0.00	25.13 1.94 0.00	25.78 2.14 0.00	24.06 2.10 0.00	22.92 1.99 0.00	22.12 2.01 0.00	21.79 1.92 0.00	21.47 1.75 0.00	20.78 1.50 0.00	22.14 1.49 0.00	24.19 1.59 0.00	21.38 1.28 0.00
RAVENSWOOD_GT3_2 24249	15.66 1.04 0.00	16.54 1.00 0.00	16.39 0.99 0.00	12.56 0.75 0.00	10.58 0.59 0.00	11.44 0.62 0.00	16.22 0.96 0.00	20.75 1.26 0.00	20.65 1.31 0.00	17.63 1.18 0.00	21.14 1.46 0.00	22.39 1.63 0.00	23.92 1.78 0.00	25.13 1.94 0.00	25.78 2.14 0.00	24.06 2.10 0.00	22.92 1.99 0.00	22.12 2.01 0.00	21.79 1.92 0.00	21.47 1.75 0.00	20.78 1.50 0.00	22.14 1.49 0.00	24.19 1.59 0.00	21.38 1.28 0.00
RAVENSWOOD_GT3_3 24250	15.68 1.07 0.00	16.56 1.02 0.00	16.41 1.01 0.00	12.58 0.76 0.00	10.60 0.61 0.00	11.45 0.64 0.00	16.24 0.98 0.00	20.78 1.29 0.00	20.68 1.34 0.00	17.66 1.21 0.00	21.18 1.50 0.00	22.43 1.67 0.00	23.96 1.82 0.00	25.17 1.98 0.00	25.83 2.18 0.00	24.10 2.14 0.00	22.96 2.03 0.00	22.16 2.04 0.00	21.83 1.96 0.00	21.51 1.78 0.00	20.81 1.53 0.00	22.17 1.53 0.00	24.23 1.63 0.00	21.41 1.31 0.00
RAVENSWOOD_GT3_4 24251	15.68 1.07 0.00	16.56 1.02 0.00	16.41 1.01 0.00	12.58 0.76 0.00	10.60 0.61 0.00	11.45 0.64 0.00	16.24 0.98 0.00	20.78 1.29 0.00	20.68 1.34 0.00	17.66 1.21 0.00	21.18 1.50 0.00	22.43 1.67 0.00	23.96 1.82 0.00	25.17 1.98 0.00	25.83 2.18 0.00	24.10 2.14 0.00	22.96 2.03 0.00	22.16 2.04 0.00	21.83 1.96 0.00	21.51 1.78 0.00	20.81 1.53 0.00	22.17 1.53 0.00	24.23 1.63 0.00	21.41 1.31 0.00
RAVENSWOOD_GT_1 23729	15.71 1.10 0.00	16.59 1.05 0.00	16.45 1.04 0.00	12.61 0.79 -0.01	10.63 0.63 -0.01	11.49 0.67 -0.01	16.26 1.00 0.00	20.81 1.33 0.00	20.72 1.38 0.00	17.69 1.24 0.00	21.20 1.52 0.00	22.47 1.71 0.00	24.01 1.87 0.00	25.23 2.04 0.00	25.88 2.23 0.00	24.15 2.19 -0.01	23.01 2.07 0.00	22.20 2.08 0.00	21.87 1.99 0.00	21.54 1.81 0.00	25.27 1.56 -4.43	25.29 1.55 -3.10	24.25 1.65 0.00	21.44 1.34 0.00
RAVENSWOOD_GT_10 24258	15.66 1.04 0.00	16.54 1.00 0.00	16.38 0.98 0.00	12.56 0.75 0.00	10.58 0.59 0.00	11.43 0.62 0.00	16.22 0.96 0.00	20.75 1.26 0.00	20.65 1.31 0.00	17.63 1.18 0.00	21.14 1.46 0.00	22.39 1.63 0.00	23.91 1.77 0.00	25.13 1.94 0.00	25.78 2.13 0.00	24.06 2.10 0.00	22.92 1.99 0.00	22.12 2.00 0.00	21.79 1.92 0.00	21.47 1.74 0.00	21.29 1.50 -0.51	22.49 1.49 -0.36	24.19 1.59 0.00	21.38 1.27 0.00
RAVENSWOOD_GT_11 24259	15.66 1.04 0.00	16.54 1.00 0.00	16.38 0.98 0.00	12.56 0.75 0.00	10.58 0.59 0.00	11.43 0.62 0.00	16.22 0.96 0.00	20.75 1.26 0.00	20.65 1.31 0.00	17.63 1.18 0.00	21.14 1.46 0.00	22.39 1.63 0.00	23.91 1.77 0.00	25.13 1.94 0.00	25.78 2.13 0.00	24.06 2.10 0.00	22.92 1.99 0.00	22.12 2.00 0.00	21.79 1.92 0.00	21.47 1.74 0.00	21.29 1.50 -0.51	22.49 1.49 -0.36	24.19 1.59 0.00	21.38 1.27 0.00
RAVENSWOOD_GT_4 24252	15.65 1.04 0.00	16.54 0.99 0.00	16.38 0.98 0.00	12.55 0.74 0.00	10.57 0.59 0.00	11.43 0.62 0.00	16.22 0.96 0.00	20.74 1.26 0.00	20.64 1.30 0.00	17.62 1.18 0.00	21.14 1.46 0.00	22.39 1.62 0.00	23.90 1.76 0.00	25.12 1.93 0.00	25.78 2.13 0.00	24.05 2.10 0.00	22.92 1.99 0.00	22.12 2.00 0.00	21.79 1.92 0.00	21.47 1.74 0.00	24.15 1.50 -3.38	24.49 1.49 -2.36	24.19 1.59 0.00	21.38 1.27 0.00
RAVENSWOOD_GT_5 24254	15.65 1.04 0.00	16.54 0.99 0.00	16.38 0.98 0.00	12.55 0.74 0.00	10.57 0.59 0.00	11.43 0.62 0.00	16.22 0.96 0.00	20.74 1.26 0.00	20.64 1.30 0.00	17.62 1.18 0.00	21.14 1.46 0.00	22.39 1.62 0.00	23.90 1.76 0.00	25.12 1.93 0.00	25.78 2.13 0.00	24.05 2.10 0.00	22.92 1.99 0.00	22.12 2.00 0.00	21.79 1.92 0.00	21.47 1.74 0.00	24.15 1.50 -3.38	24.49 1.49 -2.36	24.19 1.59 0.00	21.38 1.27 0.00
RAVENSWOOD_GT_6 24253	15.65 1.04 0.00	16.54 0.99 0.00	16.38 0.98 0.00	12.55 0.74 0.00	10.57 0.59 0.00	11.43 0.62 0.00	16.22 0.96 0.00	20.74 1.26 0.00	20.64 1.30 0.00	17.62 1.18 0.00	21.14 1.46 0.00	22.39 1.62 0.00	23.90 1.76 0.00	25.12 1.93 0.00	25.78 2.13 0.00	24.05 2.10 0.00	22.92 1.99 0.00	22.12 2.00 0.00	21.79 1.92 0.00	21.47 1.74 0.00	24.15 1.50 -3.38	24.49 1.49 -2.36	24.19 1.59 0.00	21.38 1.27 0.00
RAVENSWOOD_GT_7 24255	15.65 1.04 0.00	16.54 0.99 0.00	16.38 0.98 0.00	12.55 0.74 0.00	10.57 0.59 0.00	11.43 0.62 0.00	16.22 0.96 0.00	20.74 1.26 0.00	20.64 1.30 0.00	17.62 1.18 0.00	21.14 1.46 0.00	22.39 1.62 0.00	23.90 1.76 0.00	25.12 1.93 0.00	25.78 2.13 0.00	24.05 2.10 0.00	22.92 1.99 0.00	22.12 2.00 0.00	21.79 1.92 0.00	21.47 1.74 0.00	24.15 1.50 -3.38	24.49 1.49 -2.36	24.19 1.59 0.00	21.38 1.27 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	15.66 1.04 0.00	16.54 1.00 0.00	16.38 0.98 0.00	12.56 0.75 0.00	10.58 0.59 0.00	11.43 0.62 0.00	16.22 0.96 0.00	20.75 1.26 0.00	20.65 1.31 0.00	17.63 1.18 0.00	21.14 1.46 0.00	22.39 1.63 0.00	23.91 1.77 0.00	25.13 1.94 0.00	25.78 2.13 0.00	24.06 2.10 0.00	22.92 1.99 0.00	22.12 2.00 0.00	21.79 1.92 0.00	21.47 1.74 0.00	21.29 1.50 -0.51	22.49 1.49 -0.36	24.19 1.59 0.00	21.38 1.27 0.00
RAVENSWOOD_GT_9 24257	15.66 1.04 0.00	16.54 1.00 0.00	16.38 0.98 0.00	12.56 0.75 0.00	10.58 0.59 0.00	11.43 0.62 0.00	16.22 0.96 0.00	20.75 1.26 0.00	20.65 1.31 0.00	17.63 1.18 0.00	21.14 1.46 0.00	22.39 1.63 0.00	23.91 1.77 0.00	25.13 1.94 0.00	25.78 2.13 0.00	24.06 2.10 0.00	22.92 1.99 0.00	22.12 2.00 0.00	21.79 1.92 0.00	21.47 1.74 0.00	21.29 1.50 -0.51	22.49 1.49 -0.36	24.19 1.59 0.00	21.38 1.27 0.00

RAVENSWOOD___1 23533	15.69 1.08 0.00	16.56 1.02 0.00	16.42 1.01 0.00	12.59 0.77 -0.01	10.61 0.62 -0.01	11.47 0.65 -0.01	16.24 0.98 0.00	20.78 1.29 0.00	20.68 1.34 0.00	17.66 1.21 0.00	21.16 1.48 0.00	22.43 1.67 0.00	23.96 1.83 0.00	25.18 1.99 0.00	25.81 2.17 0.00	24.09 2.14 0.01	22.95 2.02 0.00	22.15 2.03 0.00	21.82 1.94 0.00	21.49 1.77 0.00	16.44 1.52 4.36	19.10 1.50 3.05	24.20 1.61 0.00	21.40 1.30 0.00
RAVENSWOOD___2 23534	15.69 1.08 0.00	16.56 1.02 0.00	16.42 1.01 0.00	12.59 0.77 -0.01	10.61 0.62 -0.01	11.47 0.65 -0.01	16.24 0.98 0.00	20.78 1.29 0.00	20.68 1.34 0.00	17.66 1.21 0.00	21.16 1.48 0.00	22.43 1.67 0.00	23.96 1.83 0.00	25.18 1.99 0.00	25.81 2.17 0.00	24.09 2.14 0.01	22.95 2.02 0.00	22.15 2.03 0.00	21.82 1.94 0.00	21.49 1.77 0.00	16.44 1.52 4.36	19.10 1.50 3.05	24.20 1.61 0.00	21.40 1.30 0.00
RAVENSWOOD___3 23535	15.66 1.05 0.00	16.54 1.00 0.00	16.39 0.99 0.00	12.56 0.75 0.00	10.58 0.59 0.00	11.44 0.62 0.00	16.22 0.96 0.00	20.75 1.26 0.00	20.65 1.31 0.00	17.63 1.18 0.00	21.14 1.46 0.00	22.39 1.63 0.00	23.92 1.78 0.00	25.13 1.94 0.00	25.78 2.14 0.00	24.06 2.11 0.00	22.92 1.99 0.00	22.13 2.01 0.00	21.79 1.92 0.00	21.47 1.75 0.00	20.78 1.50 0.00	22.14 1.49 0.00	24.19 1.59 0.00	21.38 1.28 0.00
RAVENSWOOD___4 23820	15.69 1.08 0.00	16.56 1.02 0.00	16.42 1.01 0.00	12.59 0.77 -0.01	10.61 0.62 -0.01	11.47 0.65 -0.01	16.24 0.98 0.00	20.78 1.29 0.00	20.68 1.34 0.00	17.66 1.21 0.00	21.16 1.48 0.00	22.43 1.67 0.00	23.96 1.83 0.00	25.18 1.99 0.00	25.81 2.17 0.00	24.09 2.14 0.01	22.95 2.02 0.00	22.15 2.03 0.00	21.82 1.94 0.00	21.49 1.77 0.00	16.44 1.52 4.36	19.10 1.50 3.05	24.20 1.61 0.00	21.40 1.30 0.00
RCPL_TRUST___DRP 24196	15.65 1.04 0.00	16.54 0.99 0.00	16.38 0.98 0.00	12.56 0.75 0.00	10.58 0.59 0.00	11.44 0.62 0.00	16.22 0.96 0.00	20.75 1.27 0.00	20.66 1.32 0.00	17.64 1.20 0.00	21.16 1.48 0.00	22.41 1.65 0.00	23.94 1.80 0.00	25.15 1.96 0.00	25.82 2.17 0.00	24.10 2.15 0.00	22.95 2.02 0.00	22.15 2.03 0.00	21.83 1.95 0.00	21.49 1.76 0.00	20.79 1.51 0.00	22.15 1.51 0.00	24.21 1.61 0.00	21.39 1.29 0.00
RED___ROCHESTER 323720	14.36 -0.25 0.00	15.34 -0.21 0.00	15.23 -0.17 0.00	11.64 -0.17 0.00	9.73 -0.23 0.03	10.48 -0.17 0.16	15.09 -0.18 0.00	19.32 -0.16 0.00	19.24 -0.09 0.00	16.36 -0.09 0.00	19.60 -0.08 0.00	20.65 -0.11 0.00	21.93 -0.21 0.00	22.89 -0.30 0.00	23.33 -0.31 0.00	21.60 -0.36 0.00	20.55 -0.38 0.00	19.72 -0.40 0.00	19.51 -0.37 0.00	19.42 -0.30 0.00	19.05 -0.23 0.00	20.30 -0.34 0.00	22.21 -0.38 0.00	19.70 -0.40 0.00
REGAN___SOLAR 323812	15.55 0.94 0.00	16.83 1.29 0.00	16.71 1.31 0.00	12.79 0.97 0.00	10.81 0.82 0.00	11.72 0.90 0.00	16.50 1.24 0.00	21.04 1.55 0.00	20.82 1.48 0.00	17.75 1.30 0.00	20.73 1.05 0.00	21.00 0.24 0.00	22.97 0.83 0.00	24.77 1.58 0.00	24.97 1.32 0.00	22.59 0.64 0.00	21.90 0.97 0.00	21.73 1.61 0.00	21.65 1.78 0.00	21.48 1.76 0.00	21.10 1.82 0.00	22.49 1.84 0.00	24.52 1.92 0.00	21.65 1.54 0.00
RENSSELAER___COGEN 23796	15.06 0.45 0.00	16.04 0.49 0.00	15.93 0.52 0.00	12.23 0.42 0.00	10.33 0.34 0.00	11.15 0.34 0.00	15.71 0.44 0.00	19.88 0.40 0.00	19.63 0.29 0.00	16.71 0.26 0.00	20.04 0.36 0.00	21.11 0.35 0.00	22.57 0.43 0.00	23.67 0.49 0.00	24.12 0.48 0.00	22.42 0.46 0.00	21.42 0.49 0.00	20.68 0.56 0.00	20.45 0.57 0.00	20.34 0.61 0.00	19.76 0.48 0.00	21.07 0.42 0.00	23.08 0.49 0.00	20.46 0.36 0.00
REPUBLIC_115KV_BARTNBK 55605	16.26 1.65 0.00	17.28 1.73 0.00	17.12 1.72 0.00	13.15 1.33 0.00	11.13 1.14 0.00	12.06 1.25 0.00	17.19 1.92 0.00	21.84 2.36 0.00	21.58 2.25 0.00	18.30 1.85 0.00	22.05 2.37 0.00	23.16 2.40 0.00	24.67 2.54 0.00	25.98 2.80 0.00	26.52 2.88 0.00	24.56 2.61 0.00	23.53 2.60 0.00	22.77 2.65 0.00	22.42 2.55 0.00	22.04 2.32 0.00	21.61 2.33 0.00	22.96 2.31 0.00	25.24 2.64 0.00	22.34 2.24 0.00
REVERE_CPPR_DRP 24186	14.90 0.29 0.00	15.85 0.30 0.00	15.71 0.31 0.00	12.06 0.25 0.00	10.22 0.23 0.00	11.09 0.28 0.00	15.74 0.48 0.00	20.14 0.65 0.00	20.00 0.66 0.00	17.01 0.56 0.00	20.40 0.71 0.00	21.54 0.78 0.00	22.99 0.85 0.00	24.09 0.90 0.00	24.47 0.83 0.00	22.72 0.77 0.00	21.63 0.79 0.09	20.92 0.80 0.00	20.68 0.81 0.00	20.56 0.83 0.00	20.10 0.81 0.00	21.46 0.82 0.00	23.42 0.82 0.00	20.79 0.69 0.00
REYNOLDS_115KV_TB3 80639	15.18 0.56 0.00	16.17 0.63 0.00	16.06 0.66 0.00	12.35 0.54 0.00	10.43 0.44 0.00	11.25 0.43 0.00	15.83 0.57 0.00	20.05 0.57 0.00	19.76 0.42 0.00	16.80 0.35 0.00	20.16 0.48 0.00	21.22 0.45 0.00	22.72 0.58 0.00	23.86 0.67 0.00	24.28 0.63 0.00	22.53 0.58 0.00	21.56 0.63 0.00	20.82 0.70 0.00	20.61 0.73 0.00	20.55 0.83 0.00	19.95 0.67 0.00	21.26 0.62 0.00	23.30 0.71 0.00	20.64 0.54 0.00
RIVERBAY____ 323610	15.67 1.06 0.00	16.54 0.99 0.00	16.40 0.99 0.00	12.56 0.74 -0.01	10.58 0.58 -0.01	11.43 0.62 -0.01	16.23 0.97 0.00	20.78 1.30 0.00	20.65 1.31 0.00	17.61 1.16 0.00	21.11 1.43 0.00	22.33 1.57 0.00	23.90 1.76 0.00	25.07 1.88 0.00	25.72 2.08 0.00	24.00 2.04 0.00	22.86 1.93 0.00	22.06 1.94 0.00	21.73 1.86 0.00	21.42 1.70 0.00	20.75 1.47 0.00	22.11 1.46 0.00	24.16 1.57 0.00	21.37 1.27 0.00
RIVERSIDE_115KV_TB3 55908	15.13 0.52 0.00	16.11 0.56 0.00	16.00 0.60 0.00	12.30 0.49 0.00	10.38 0.39 0.00	11.21 0.39 0.00	15.78 0.52 0.00	19.99 0.50 0.00	19.72 0.38 0.00	16.78 0.33 0.00	20.13 0.45 0.00	21.20 0.43 0.00	22.67 0.53 0.00	23.79 0.60 0.00	24.24 0.60 0.00	22.50 0.55 0.00	21.52 0.59 0.00	20.77 0.65 0.00	20.55 0.67 0.00	20.46 0.74 0.00	19.87 0.59 0.00	21.18 0.53 0.00	23.21 0.61 0.00	20.56 0.46 0.00
ROARING___BROOK_WT_PWR 323790	14.11 -0.50 0.00	15.04 -0.51 0.00	14.90 -0.50 0.00	11.49 -0.33 0.00	9.78 -0.21 0.00	10.62 -0.20 0.00	14.85 -0.41 0.00	18.99 -0.49 0.00	18.78 -0.56 0.00	15.87 -0.57 0.00	19.04 -0.64 0.00	20.16 -0.61 0.00	21.55 -0.59 0.00	22.54 -0.65 0.00	22.89 -0.75 0.00	21.31 -0.65 0.00	15.48 -0.55 4.90	19.59 -0.52 0.00	19.41 -0.47 0.00	19.38 -0.35 0.00	19.06 -0.22 0.00	20.49 -0.15 0.00	22.44 -0.16 0.00	19.91 -0.19 0.00
ROCHESRG_115KV_T4 355643	14.24 -0.37 0.00	15.21 -0.34 0.00	15.11 -0.29 0.00	11.55 -0.26 0.00	9.65 -0.31 0.03	10.40 -0.26 0.15	14.95 -0.31 0.00	19.14 -0.34 0.00	19.06 -0.28 0.00	16.19 -0.25 0.00	19.40 -0.28 0.00	20.43 -0.34 0.00	21.69 -0.45 0.00	22.65 -0.54 0.00	23.09 -0.56 0.00	21.38 -0.58 0.00	20.33 -0.60 0.00	19.50 -0.61 0.00	19.29 -0.58 0.00	19.22 -0.50 0.00	18.85 -0.43 0.00	20.09 -0.55 0.00	21.99 -0.60 0.00	19.53 -0.57 0.00

ROCHESTER_9_IC 23652	14.31 -0.30 0.00	15.28 -0.27 0.00	15.18 -0.22 0.00	11.61 -0.20 0.00	9.69 -0.27 0.03	10.45 -0.21 0.16	15.03 -0.23 0.00	19.24 -0.24 0.00	19.17 -0.16 0.00	16.29 -0.16 0.00	19.51 -0.17 0.00	20.55 -0.21 0.00	21.82 -0.32 0.00	22.78 -0.41 0.00	23.23 -0.41 0.00	21.50 -0.45 0.00	20.45 -0.48 0.00	19.63 -0.49 0.00	19.41 -0.46 0.00	19.34 -0.39 0.00	18.96 -0.32 0.00	20.21 -0.44 0.00	22.11 -0.48 0.00	19.63 -0.48 0.00
ROCKVIEW_13_KV_LD 356306	15.64 1.03 0.00	16.54 0.99 0.00	16.38 0.98 0.00	12.55 0.73 0.00	10.57 0.58 0.00	11.43 0.62 0.00	16.23 0.97 0.00	20.76 1.28 0.00	20.65 1.31 0.00	17.62 1.18 0.00	21.15 1.47 0.00	22.39 1.63 0.00	23.92 1.78 0.00	25.13 1.94 0.00	25.77 2.13 0.00	24.04 2.08 0.00	22.92 1.99 0.00	22.13 2.01 0.00	21.81 1.93 0.00	21.49 1.76 0.00	20.80 1.52 0.00	22.16 1.52 0.00	24.22 1.62 0.00	21.41 1.30 0.00
ROME____115KV_TB2 80656	14.90 0.29 0.00	15.85 0.30 0.00	15.71 0.31 0.00	12.06 0.25 0.00	10.22 0.23 0.00	11.09 0.28 0.00	15.74 0.48 0.00	20.14 0.65 0.00	20.00 0.66 0.00	17.01 0.56 0.00	20.40 0.71 0.00	21.54 0.78 0.00	22.99 0.85 0.00	24.09 0.90 0.00	24.47 0.83 0.00	22.72 0.77 0.00	21.63 0.79 0.09	20.92 0.80 0.00	20.68 0.81 0.00	20.56 0.83 0.00	20.10 0.81 0.00	21.46 0.82 0.00	23.42 0.82 0.00	20.79 0.69 0.00
ROSETON____1 23587	15.34 0.73 0.00	16.25 0.71 0.00	16.12 0.72 0.00	12.36 0.54 0.00	10.42 0.43 0.00	11.26 0.45 0.00	15.95 0.69 0.00	20.37 0.89 0.00	20.23 0.90 0.00	17.24 0.80 0.00	20.67 0.99 0.00	21.86 1.10 0.00	23.35 1.21 0.00	24.53 1.34 0.00	25.12 1.48 0.00	23.39 1.44 0.00	22.31 1.38 0.00	21.54 1.42 0.00	21.26 1.38 0.00	20.98 1.26 0.00	20.35 1.07 0.00	21.69 1.04 0.00	23.71 1.11 0.00	20.99 0.88 0.00
ROSETON____2 23588	15.34 0.73 0.00	16.25 0.71 0.00	16.12 0.72 0.00	12.36 0.54 0.00	10.42 0.43 0.00	11.26 0.45 0.00	15.95 0.69 0.00	20.37 0.89 0.00	20.23 0.90 0.00	17.24 0.80 0.00	20.67 0.99 0.00	21.86 1.10 0.00	23.35 1.21 0.00	24.53 1.34 0.00	25.12 1.48 0.00	23.39 1.44 0.00	22.31 1.38 0.00	21.54 1.42 0.00	21.26 1.38 0.00	20.98 1.26 0.00	20.35 1.07 0.00	21.69 1.04 0.00	23.71 1.11 0.00	20.99 0.88 0.00
ROTTDAM_115KV_TB3 80664	15.10 0.49 0.00	16.06 0.51 0.00	15.92 0.53 0.00	12.21 0.40 0.00	10.32 0.32 0.00	11.15 0.34 0.00	15.77 0.51 0.00	20.12 0.63 0.00	19.94 0.60 0.00	17.00 0.55 0.00	20.37 0.69 0.00	21.46 0.70 0.00	22.89 0.75 0.00	24.07 0.88 0.00	24.58 0.94 0.00	22.81 0.86 0.00	21.75 0.81 0.00	20.95 0.83 0.00	20.69 0.82 0.00	20.48 0.75 0.00	19.95 0.67 0.00	21.30 0.66 0.00	23.31 0.71 0.00	20.69 0.59 0.00
RUSSELL____1 23602	14.36 -0.25 0.00	15.34 -0.21 0.00	15.23 -0.17 0.00	11.64 -0.17 0.00	9.73 -0.23 0.03	10.49 -0.17 0.16	15.09 -0.18 0.00	19.32 -0.16 0.00	19.25 -0.09 0.00	16.36 -0.09 0.00	19.60 -0.08 0.00	20.64 -0.12 0.00	21.93 -0.21 0.00	22.89 -0.30 0.00	23.33 -0.31 0.00	21.60 -0.36 0.00	20.54 -0.39 0.00	19.72 -0.40 0.00	19.51 -0.37 0.00	19.43 -0.30 0.00	19.05 -0.23 0.00	20.30 -0.34 0.00	22.21 -0.38 0.00	19.70 -0.40 0.00
RUSSELL____2 23532	14.36 -0.25 0.00	15.34 -0.21 0.00	15.23 -0.17 0.00	11.64 -0.17 0.00	9.73 -0.23 0.03	10.49 -0.17 0.16	15.09 -0.18 0.00	19.32 -0.16 0.00	19.25 -0.09 0.00	16.36 -0.09 0.00	19.60 -0.08 0.00	20.64 -0.12 0.00	21.93 -0.21 0.00	22.89 -0.30 0.00	23.33 -0.31 0.00	21.60 -0.36 0.00	20.54 -0.39 0.00	19.72 -0.40 0.00	19.51 -0.37 0.00	19.43 -0.30 0.00	19.05 -0.23 0.00	20.30 -0.34 0.00	22.21 -0.38 0.00	19.70 -0.40 0.00
RUSSELL____3 23549	14.36 -0.25 0.00	15.34 -0.21 0.00	15.23 -0.17 0.00	11.64 -0.17 0.00	9.73 -0.23 0.03	10.49 -0.17 0.16	15.09 -0.18 0.00	19.32 -0.16 0.00	19.25 -0.09 0.00	16.36 -0.09 0.00	19.60 -0.08 0.00	20.64 -0.12 0.00	21.93 -0.21 0.00	22.89 -0.30 0.00	23.33 -0.31 0.00	21.60 -0.36 0.00	20.54 -0.39 0.00	19.72 -0.40 0.00	19.51 -0.37 0.00	19.43 -0.30 0.00	19.05 -0.23 0.00	20.30 -0.34 0.00	22.21 -0.38 0.00	19.70 -0.40 0.00
RUSSELL____4 23556	14.36 -0.25 0.00	15.34 -0.21 0.00	15.23 -0.17 0.00	11.64 -0.17 0.00	9.73 -0.23 0.03	10.49 -0.17 0.16	15.09 -0.18 0.00	19.32 -0.16 0.00	19.25 -0.09 0.00	16.36 -0.09 0.00	19.60 -0.08 0.00	20.64 -0.12 0.00	21.93 -0.21 0.00	22.89 -0.30 0.00	23.33 -0.31 0.00	21.60 -0.36 0.00	20.54 -0.39 0.00	19.72 -0.40 0.00	19.51 -0.37 0.00	19.43 -0.30 0.00	19.05 -0.23 0.00	20.30 -0.34 0.00	22.21 -0.38 0.00	19.70 -0.40 0.00
RUSSELL____STATION 23914	14.36 -0.25 0.00	15.34 -0.21 0.00	15.23 -0.17 0.00	11.64 -0.17 0.00	9.73 -0.23 0.03	10.49 -0.17 0.16	15.09 -0.18 0.00	19.32 -0.16 0.00	19.25 -0.09 0.00	16.36 -0.09 0.00	19.60 -0.08 0.00	20.64 -0.12 0.00	21.93 -0.21 0.00	22.89 -0.30 0.00	23.33 -0.31 0.00	21.60 -0.36 0.00	20.54 -0.39 0.00	19.72 -0.40 0.00	19.51 -0.37 0.00	19.43 -0.30 0.00	19.05 -0.23 0.00	20.30 -0.34 0.00	22.21 -0.38 0.00	19.70 -0.40 0.00
S SALMON____HYD 24043	14.32 -0.29 0.00	15.25 -0.29 0.00	15.12 -0.27 0.00	11.62 -0.19 0.00	9.85 -0.15 0.00	10.68 -0.13 0.00	15.11 -0.15 0.00	19.32 -0.16 0.00	19.14 -0.20 0.00	16.27 -0.17 0.00	19.59 -0.09 0.00	20.74 -0.02 0.00	22.10 -0.04 0.00	23.06 -0.13 0.00	23.47 -0.17 0.00	21.66 -0.29 0.00	20.46 -0.24 0.23	19.94 -0.18 0.00	19.76 -0.12 0.00	19.64 -0.08 0.00	19.19 -0.09 0.00	20.52 -0.12 0.00	22.49 -0.10 0.00	20.05 -0.05 0.00
S.PERRY__115KV_TB1 80734	14.58 -0.03 0.00	15.56 0.01 0.00	15.50 0.10 0.00	11.85 0.04 0.00	9.84 -0.08 0.07	10.48 0.03 0.37	15.44 0.18 0.00	19.81 0.32 0.00	19.64 0.30 0.00	16.60 0.16 0.00	19.89 0.21 0.00	20.88 0.12 0.00	22.10 -0.04 0.00	23.06 -0.12 0.00	23.59 -0.06 0.00	21.84 -0.11 0.00	20.92 -0.01 0.00	20.12 0.00 0.00	19.99 0.11 0.00	19.98 0.26 0.00	19.60 0.32 0.00	20.93 0.29 0.00	22.86 0.26 0.00	20.24 0.14 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	14.03 -0.58 0.00	15.03 -0.51 0.00	14.97 -0.43 0.00	11.43 -0.39 0.00	9.47 -0.47 0.05	10.15 -0.40 0.26	14.76 -0.50 0.00	18.94 -0.55 0.00	18.88 -0.46 0.00	15.99 -0.46 0.00	19.14 -0.54 0.00	20.11 -0.65 0.00	21.33 -0.80 0.00	22.28 -0.91 0.00	22.73 -0.91 0.00	21.00 -0.95 0.00	19.94 -0.99 0.00	19.08 -1.04 0.00	18.90 -0.98 0.00	18.89 -0.84 0.00	18.56 -0.72 0.00	19.79 -0.86 0.00	21.72 -0.88 0.00	19.23 -0.87 0.00
SAWYER____23_KV_LOAD 55526	14.03 -0.58 0.00	15.03 -0.51 0.00	14.97 -0.43 0.00	11.43 -0.39 0.00	9.47 -0.47 0.05	10.15 -0.40 0.26	14.76 -0.50 0.00	18.94 -0.55 0.00	18.88 -0.46 0.00	15.99 -0.46 0.00	19.14 -0.54 0.00	20.11 -0.65 0.00	21.33 -0.80 0.00	22.28 -0.91 0.00	22.73 -0.91 0.00	21.00 -0.95 0.00	19.94 -0.99 0.00	19.08 -1.04 0.00	18.90 -0.98 0.00	18.89 -0.84 0.00	18.56 -0.72 0.00	19.79 -0.86 0.00	21.72 -0.88 0.00	19.23 -0.87 0.00

SELKIRK___I 23801	15.11 0.50 0.00	16.10 0.55 0.00	15.99 0.59 0.00	12.27 0.45 0.00	10.37 0.38 0.00	11.20 0.38 0.00	15.78 0.52 0.00	20.00 0.52 0.00	19.74 0.41 0.00	16.77 0.32 0.00	20.11 0.43 0.00	21.19 0.43 0.00	22.66 0.52 0.00	23.74 0.55 0.00	24.25 0.61 0.00	22.56 0.60 0.00	21.55 0.61 0.00	20.78 0.66 0.00	20.57 0.69 0.00	20.42 0.69 0.00	19.86 0.58 0.00	21.18 0.54 0.00	23.20 0.60 0.00	20.59 0.49 0.00
SELKIRK___II 23799	15.04 0.43 0.00	16.00 0.46 0.00	15.88 0.49 0.00	12.20 0.38 0.00	10.30 0.30 0.00	11.12 0.30 0.00	15.68 0.42 0.00	19.92 0.43 0.00	19.70 0.36 0.00	16.77 0.32 0.00	20.09 0.41 0.00	21.19 0.43 0.00	22.64 0.49 0.00	23.74 0.55 0.00	24.21 0.57 0.00	22.52 0.56 0.00	21.50 0.56 0.00	20.74 0.62 0.00	20.51 0.63 0.00	20.35 0.62 0.00	19.78 0.50 0.00	21.10 0.46 0.00	23.10 0.50 0.00	20.50 0.39 0.00
SENECA OSWGO___HYD 24041	14.38 -0.23 0.00	15.30 -0.25 0.00	15.17 -0.23 0.00	11.62 -0.19 0.00	9.81 -0.18 0.00	10.63 -0.18 0.00	15.04 -0.22 0.00	19.21 -0.27 0.00	19.08 -0.25 0.00	16.23 -0.21 0.00	19.42 -0.26 0.00	20.47 -0.29 0.00	21.81 -0.33 0.00	22.80 -0.39 0.00	23.21 -0.43 0.00	21.49 -0.46 0.00	20.52 -0.42 0.00	19.77 -0.34 0.00	19.56 -0.32 0.00	19.42 -0.31 0.00	18.96 -0.32 0.00	20.24 -0.40 0.00	22.15 -0.45 0.00	19.81 -0.29 0.00
SENECA___115KV_TB3 355854	14.18 -0.43 0.00	15.18 -0.36 0.00	15.12 -0.28 0.00	11.54 -0.27 0.00	9.57 -0.37 0.05	10.25 -0.29 0.28	14.95 -0.31 0.00	19.18 -0.30 0.00	19.12 -0.21 0.00	16.19 -0.26 0.00	19.37 -0.31 0.00	20.36 -0.40 0.00	21.60 -0.54 0.00	22.57 -0.62 0.00	23.05 -0.59 0.00	21.30 -0.66 0.00	20.24 -0.69 0.00	19.38 -0.74 0.00	19.21 -0.67 0.00	19.18 -0.55 0.00	18.83 -0.45 0.00	20.08 -0.57 0.00	22.02 -0.57 0.00	19.50 -0.61 0.00
SENECA___ENERGY 23797	14.43 -0.18 0.00	15.34 -0.20 0.00	15.23 -0.16 0.00	11.64 -0.17 0.00	9.80 -0.17 0.01	10.60 -0.14 0.07	15.15 -0.11 0.00	19.40 -0.08 0.00	19.26 -0.08 0.00	16.39 -0.06 0.00	19.59 -0.09 0.00	20.61 -0.16 0.00	21.90 -0.24 0.00	22.94 -0.25 0.00	23.42 -0.23 0.00	21.67 -0.28 0.00	20.66 -0.27 0.00	19.92 -0.20 0.00	19.68 -0.19 0.00	19.57 -0.15 0.00	19.14 -0.14 0.00	20.40 -0.24 0.00	22.29 -0.31 0.00	19.88 -0.22 0.00
SHOEMAKER___GT 23640	15.24 0.63 0.00	16.14 0.60 0.00	16.00 0.61 0.00	12.27 0.45 0.00	10.36 0.37 0.00	11.20 0.38 0.00	15.86 0.59 0.00	20.25 0.77 0.00	20.11 0.77 0.00	17.12 0.67 0.00	20.49 0.81 0.00	21.67 0.91 0.00	23.16 1.02 0.00	24.31 1.13 0.00	24.91 1.26 0.00	23.18 1.23 0.00	22.09 1.16 0.00	21.32 1.21 0.00	21.06 1.19 0.00	20.83 1.10 0.00	20.22 0.94 0.00	21.57 0.93 0.00	23.58 0.98 0.00	20.89 0.78 0.00
SHOEMAKR_138KV_BK 111 55601	15.24 0.63 0.00	16.14 0.60 0.00	16.00 0.60 0.00	12.27 0.45 0.00	10.36 0.36 0.00	11.19 0.38 0.00	15.85 0.59 0.00	20.25 0.77 0.00	20.11 0.77 0.00	17.13 0.68 0.00	20.51 0.83 0.00	21.69 0.93 0.00	23.18 1.04 0.00	24.34 1.15 0.00	24.93 1.29 0.00	23.21 1.25 0.00	22.13 1.19 0.00	21.36 1.24 0.00	21.08 1.21 0.00	20.84 1.11 0.00	20.23 0.95 0.00	21.58 0.93 0.00	23.58 0.98 0.00	20.89 0.78 0.00
SHOREHAM_IC_1 23715	15.95 1.34 0.00	17.07 1.53 0.00	16.91 1.51 0.00	12.80 0.98 0.00	10.81 0.82 0.00	11.70 0.89 0.00	16.66 1.40 0.00	20.99 1.51 0.00	20.78 1.44 0.00	17.56 1.11 0.00	21.29 1.60 0.00	22.60 1.84 0.00	24.11 1.97 0.00	25.23 2.04 0.00	25.84 2.20 0.00	24.12 2.16 0.00	22.94 2.00 0.00	22.28 2.16 0.00	21.93 2.06 0.00	21.60 1.88 0.00	20.81 1.53 0.00	22.29 1.65 0.00	24.65 2.05 0.00	21.81 1.70 0.00
SHOREHAM_IC_2 23716	15.95 1.34 0.00	17.07 1.53 0.00	16.91 1.51 0.00	12.80 0.98 0.00	10.81 0.82 0.00	11.70 0.89 0.00	16.66 1.40 0.00	20.99 1.51 0.00	20.78 1.44 0.00	17.56 1.11 0.00	21.29 1.60 0.00	22.60 1.84 0.00	24.11 1.97 0.00	25.23 2.04 0.00	25.84 2.20 0.00	24.12 2.16 0.00	22.94 2.00 0.00	22.28 2.16 0.00	21.93 2.06 0.00	21.60 1.88 0.00	20.81 1.53 0.00	22.29 1.65 0.00	24.65 2.05 0.00	21.81 1.70 0.00
SISSONVILLE____ 23735	14.22 -0.40 0.00	15.18 -0.36 0.00	15.11 -0.29 0.00	11.67 -0.15 0.00	9.92 -0.07 0.00	10.73 -0.08 0.00	14.95 -0.31 0.00	19.13 -0.35 0.00	18.90 -0.43 0.00	15.97 -0.48 0.00	19.12 -0.56 0.00	20.20 -0.57 0.00	21.57 -0.57 0.00	22.52 -0.67 0.00	22.85 -0.79 0.00	21.08 -0.87 0.00	17.48 -0.93 2.52	19.08 -1.03 0.00	18.96 -0.92 0.00	18.91 -0.81 0.00	18.67 -0.61 0.00	20.22 -0.43 0.00	22.31 -0.28 0.00	19.84 -0.27 0.00
SITHE_IND_GS1 24169	14.25 -0.36 0.00	15.17 -0.38 0.00	15.04 -0.36 0.00	11.52 -0.29 0.00	9.73 -0.26 0.00	10.54 -0.28 0.00	14.88 -0.39 0.00	18.96 -0.52 0.00	18.83 -0.51 0.00	16.03 -0.41 0.00	19.18 -0.50 0.00	20.21 -0.55 0.00	21.53 -0.62 0.00	22.49 -0.70 0.00	22.87 -0.77 0.00	21.22 -0.74 0.00	20.23 -0.70 0.00	19.48 -0.64 0.00	19.25 -0.62 0.00	19.12 -0.61 0.00	18.68 -0.60 0.00	19.94 -0.70 0.00	21.85 -0.74 0.00	19.60 -0.51 0.00
SITHE_IND_GS2 24170	14.25 -0.36 0.00	15.17 -0.38 0.00	15.04 -0.36 0.00	11.52 -0.29 0.00	9.73 -0.26 0.00	10.54 -0.28 0.00	14.88 -0.39 0.00	18.96 -0.52 0.00	18.83 -0.51 0.00	16.03 -0.41 0.00	19.18 -0.50 0.00	20.21 -0.55 0.00	21.53 -0.62 0.00	22.49 -0.70 0.00	22.87 -0.77 0.00	21.22 -0.74 0.00	20.23 -0.70 0.00	19.48 -0.64 0.00	19.25 -0.62 0.00	19.12 -0.61 0.00	18.68 -0.60 0.00	19.94 -0.70 0.00	21.85 -0.74 0.00	19.60 -0.51 0.00
SITHE_IND_GS3 24171	14.25 -0.36 0.00	15.17 -0.38 0.00	15.04 -0.36 0.00	11.52 -0.29 0.00	9.73 -0.26 0.00	10.54 -0.28 0.00	14.88 -0.39 0.00	18.96 -0.52 0.00	18.83 -0.51 0.00	16.03 -0.41 0.00	19.18 -0.50 0.00	20.21 -0.55 0.00	21.53 -0.62 0.00	22.49 -0.70 0.00	22.87 -0.77 0.00	21.22 -0.74 0.00	20.23 -0.70 0.00	19.48 -0.64 0.00	19.25 -0.62 0.00	19.12 -0.61 0.00	18.68 -0.60 0.00	19.94 -0.70 0.00	21.85 -0.74 0.00	19.60 -0.51 0.00
SITHE_IND_GS4 24172	14.25 -0.36 0.00	15.17 -0.38 0.00	15.04 -0.36 0.00	11.52 -0.29 0.00	9.73 -0.26 0.00	10.54 -0.28 0.00	14.88 -0.39 0.00	18.96 -0.52 0.00	18.83 -0.51 0.00	16.03 -0.41 0.00	19.18 -0.50 0.00	20.21 -0.55 0.00	21.53 -0.62 0.00	22.49 -0.70 0.00	22.87 -0.77 0.00	21.22 -0.74 0.00	20.23 -0.70 0.00	19.48 -0.64 0.00	19.25 -0.62 0.00	19.12 -0.61 0.00	18.68 -0.60 0.00	19.94 -0.70 0.00	21.85 -0.74 0.00	19.60 -0.51 0.00
SITHE___BATAVIA 24024	14.39 -0.22 0.00	15.39 -0.15 0.00	15.30 -0.10 0.00	11.69 -0.12 0.00	9.72 -0.23 0.04	10.48 -0.13 0.21	15.19 -0.07 0.00	19.52 0.04 0.00	19.47 0.14 0.00	16.51 0.06 0.00	19.73 0.05 0.00	20.77 0.00 0.00	22.04 -0.10 0.00	23.02 -0.17 0.00	23.49 -0.15 0.00	21.71 -0.24 0.00	20.62 -0.31 0.00	19.75 -0.37 0.00	19.56 -0.32 0.00	19.52 -0.21 0.00	19.18 -0.11 0.00	20.43 -0.21 0.00	22.36 -0.24 0.00	19.77 -0.33 0.00

SITHE___INDEPEND 23800	14.25 -0.36 0.00	15.17 -0.38 0.00	15.04 -0.36 0.00	11.52 -0.29 0.00	9.73 -0.26 0.00	10.54 -0.28 0.00	14.88 -0.39 0.00	18.96 -0.52 0.00	18.83 -0.51 0.00	16.03 -0.41 0.00	19.18 -0.51 0.00	20.22 -0.55 0.00	21.53 -0.62 0.00	22.49 -0.70 0.00	22.87 -0.77 0.00	21.22 -0.74 0.00	20.23 -0.70 0.00	19.48 -0.64 0.00	19.25 -0.62 0.00	19.12 -0.61 0.00	18.68 -0.60 0.00	19.94 -0.70 0.00	21.85 -0.74 0.00	19.60 -0.51 0.00
SITHE___MASSENA 23902	14.31 -0.30 0.00	15.29 -0.26 0.00	15.22 -0.18 0.00	11.71 -0.10 0.00	9.93 -0.06 0.00	10.76 -0.05 0.00	14.98 -0.28 0.00	19.17 -0.32 0.00	19.01 -0.33 0.00	16.10 -0.35 0.00	19.23 -0.45 0.00	20.29 -0.47 0.00	21.65 -0.49 0.00	22.63 -0.56 0.00	23.04 -0.60 0.00	21.36 -0.59 0.00	17.28 -0.60 3.06	19.43 -0.69 0.00	19.27 -0.61 0.00	19.20 -0.53 0.00	18.92 -0.36 0.00	20.40 -0.24 0.00	22.36 -0.23 0.00	19.84 -0.26 0.00
SITHE___OGDNSBRG 24021	14.43 -0.18 0.00	15.42 -0.12 0.00	15.35 -0.05 0.00	11.84 0.02 0.00	10.05 0.06 0.00	10.89 0.07 0.00	15.17 -0.09 0.00	19.42 -0.06 0.00	19.23 -0.11 0.00	16.18 -0.26 0.00	19.34 -0.34 0.00	20.40 -0.36 0.00	21.77 -0.37 0.00	22.68 -0.51 0.00	23.11 -0.53 0.00	21.37 -0.58 0.00	17.66 -0.55 2.73	19.49 -0.62 0.00	19.37 -0.50 0.00	19.34 -0.39 0.00	19.10 -0.18 0.00	20.63 -0.01 0.00	22.63 0.03 0.00	20.07 -0.04 0.00
SITHE___STERLING 23777	14.86 0.25 0.00	15.81 0.26 0.00	15.66 0.26 0.00	12.01 0.20 0.00	10.16 0.17 0.00	11.03 0.21 0.00	15.64 0.38 0.00	20.00 0.52 0.00	19.87 0.53 0.00	16.90 0.45 0.00	20.24 0.56 0.00	21.35 0.59 0.00	22.77 0.63 0.00	23.87 0.69 0.00	24.29 0.65 0.00	22.55 0.60 0.00	21.54 0.61 0.00	20.75 0.63 0.00	20.50 0.62 0.00	20.36 0.64 0.00	19.89 0.61 0.00	21.23 0.59 0.00	23.20 0.60 0.00	20.61 0.51 0.00
SLEIGHT___34_KV_TB1 80719	14.31 -0.30 0.00	15.26 -0.29 0.00	15.14 -0.26 0.00	11.58 -0.24 0.00	9.72 -0.25 0.02	10.50 -0.22 0.09	15.05 -0.21 0.00	19.27 -0.21 0.00	19.16 -0.18 0.00	16.29 -0.16 0.00	19.51 -0.17 0.00	20.54 -0.22 0.00	21.83 -0.31 0.00	22.81 -0.38 0.00	23.27 -0.37 0.00	21.55 -0.40 0.00	20.51 -0.42 0.00	19.74 -0.38 0.00	19.50 -0.38 0.00	19.41 -0.32 0.00	19.00 -0.28 0.00	20.23 -0.42 0.00	22.11 -0.49 0.00	19.68 -0.42 0.00
SOUTH CAIRO___GT 23612	15.49 0.87 0.00	16.50 0.96 0.00	16.38 0.98 0.00	12.58 0.77 0.00	10.63 0.64 0.00	11.49 0.68 0.00	16.22 0.96 0.00	20.49 1.00 0.00	20.06 0.72 0.00	17.02 0.58 0.00	20.38 0.70 0.00	21.47 0.71 0.00	23.00 0.86 0.00	24.22 1.03 0.00	24.52 0.88 0.00	22.85 0.90 0.00	21.95 1.02 0.00	21.22 1.11 0.00	21.10 1.22 0.00	21.06 1.33 0.00	20.47 1.19 0.00	21.81 1.16 0.00	23.84 1.24 0.00	21.08 0.97 0.00
SOUTH HAMPTN___IC 23720	16.22 1.61 0.00	17.33 1.79 0.00	17.17 1.77 0.00	13.01 1.20 0.00	10.98 0.99 0.00	11.91 1.09 0.00	16.99 1.72 0.00	21.41 1.93 0.00	21.20 1.86 0.00	17.95 1.50 0.00	21.78 2.10 0.00	23.13 2.37 0.00	24.67 2.53 0.00	25.80 2.61 0.00	26.46 2.81 0.00	24.72 2.76 0.00	23.55 2.62 0.00	22.88 2.77 0.00	22.52 2.65 0.00	22.15 2.42 0.00	21.10 1.82 0.00	22.47 1.82 0.00	24.98 2.38 0.00	22.18 2.07 0.00
SOUTHDOW___115KV_TB1 355954	14.46 -0.15 0.00	15.53 -0.02 0.00	15.47 0.07 0.00	11.82 0.01 0.00	9.82 -0.11 0.06	10.48 -0.02 0.32	15.50 0.24 0.00	19.95 0.47 0.00	19.88 0.55 0.00	16.81 0.37 0.00	20.11 0.43 0.00	21.12 0.36 0.00	22.34 0.20 0.00	23.34 0.15 0.00	23.87 0.22 0.00	22.17 0.21 0.00	21.12 0.18 0.00	20.30 0.18 0.00	20.13 0.25 0.00	20.03 0.30 0.00	19.60 0.32 0.00	20.87 0.23 0.00	22.87 0.28 0.00	20.28 0.18 0.00
SOUTHOLD_69_KV_BK 2 55809	16.32 1.71 0.00	17.48 1.94 0.00	17.32 1.92 0.00	13.13 1.31 0.00	11.08 1.09 0.00	12.03 1.22 0.00	17.20 1.94 0.00	21.66 2.17 0.00	21.43 2.09 0.00	18.15 1.70 0.00	22.03 2.35 0.00	23.39 2.63 0.00	24.93 2.79 0.00	26.08 2.90 0.00	26.74 3.10 0.00	25.01 3.06 0.00	23.86 2.92 0.00	23.19 3.08 0.00	22.85 2.97 0.00	22.48 2.76 0.00	21.19 1.91 0.00	22.40 1.75 0.00	25.07 2.48 0.00	22.38 2.28 0.00
SOUTHOLD___IC 23719	16.32 1.72 0.00	17.48 1.94 0.00	17.32 1.92 0.00	13.13 1.31 0.00	11.08 1.09 0.00	12.03 1.22 0.00	17.20 1.94 0.00	21.66 2.17 0.00	21.43 2.09 0.00	18.15 1.70 0.00	22.03 2.35 0.00	23.40 2.63 0.00	24.93 2.79 0.00	26.08 2.89 0.00	26.75 3.10 0.00	25.01 3.06 0.00	23.86 2.92 0.00	23.19 3.08 0.00	22.85 2.97 0.00	22.48 2.76 0.00	21.18 1.90 0.00	22.40 1.75 0.00	25.07 2.48 0.00	22.38 2.28 0.00
SOUTH_FORK_WT_PWR 323839	16.35 1.74 0.00	17.52 1.97 0.00	17.36 1.96 0.00	13.16 1.35 0.00	11.11 1.12 0.00	12.07 1.26 0.00	17.28 2.02 0.00	21.73 2.25 0.00	21.49 2.15 0.00	18.21 1.76 0.00	22.11 2.43 0.00	23.49 2.73 0.00	25.02 2.88 0.00	26.17 2.98 0.00	26.83 3.19 0.00	25.10 3.14 0.00	23.94 3.01 0.00	23.28 3.17 0.00	22.94 3.06 0.00	22.53 2.80 0.00	21.04 1.76 0.00	22.13 1.49 0.00	24.96 2.36 0.00	22.39 2.29 0.00
SPIERFLS_115KV_TB 1 80737	15.61 0.99 0.00	16.59 1.05 0.00	16.45 1.05 0.00	12.62 0.80 0.00	10.67 0.68 0.00	11.55 0.74 0.00	16.38 1.12 0.00	20.87 1.39 0.00	20.63 1.30 0.00	17.57 1.13 0.00	21.10 1.42 0.00	22.18 1.41 0.00	23.69 1.55 0.00	24.98 1.79 0.00	25.48 1.83 0.00	23.58 1.63 0.00	22.55 1.62 0.00	21.67 1.56 0.00	21.36 1.48 0.00	20.96 1.24 0.00	20.55 1.27 0.00	21.89 1.25 0.00	24.14 1.54 0.00	21.36 1.26 0.00
ST LAWRENCE____ 23600	14.26 -0.35 0.00	15.20 -0.34 0.00	15.06 -0.34 0.00	11.59 -0.23 0.00	9.83 -0.17 0.00	10.65 -0.17 0.00	14.92 -0.34 0.00	19.08 -0.40 0.00	18.95 -0.39 0.00	16.06 -0.38 0.00	19.18 -0.50 0.00	20.24 -0.52 0.00	21.58 -0.56 0.00	22.58 -0.61 0.00	22.99 -0.65 0.00	21.35 -0.61 0.00	17.15 -0.61 3.17	19.42 -0.70 0.00	19.25 -0.63 0.00	19.16 -0.56 0.00	18.88 -0.40 0.00	20.35 -0.29 0.00	22.28 -0.32 0.00	19.77 -0.33 0.00
STATE_CA_115KV_115_LB 55624	15.13 0.52 0.00	16.10 0.56 0.00	15.99 0.59 0.00	12.28 0.46 0.00	10.37 0.38 0.00	11.19 0.38 0.00	15.78 0.51 0.00	19.99 0.50 0.00	19.75 0.42 0.00	16.82 0.37 0.00	20.17 0.49 0.00	21.25 0.49 0.00	22.71 0.58 0.00	23.83 0.65 0.00	24.30 0.66 0.00	22.58 0.62 0.00	21.56 0.63 0.00	20.81 0.69 0.00	20.57 0.69 0.00	20.45 0.72 0.00	19.86 0.58 0.00	21.18 0.53 0.00	23.20 0.60 0.00	20.56 0.46 0.00
STATE_ST_34_KV_LOAD 55959	14.67 0.06 0.00	15.61 0.06 0.00	15.48 0.08 0.00	11.81 0.00 0.00	10.00 0.00 -0.01	10.89 0.03 -0.05	15.38 0.12 0.00	19.68 0.20 0.00	19.47 0.14 0.00	16.60 0.16 0.00	19.86 0.18 0.00	20.92 0.15 0.00	22.21 0.07 0.00	23.23 0.04 0.00	23.76 0.12 0.00	21.96 0.01 0.00	20.93 0.00 0.00	20.24 0.12 0.00	19.96 0.09 0.00	19.87 0.15 0.00	19.42 0.13 0.00	20.64 0.00 0.00	22.56 -0.03 0.00	20.21 0.10 0.00

STATION 5_MISC_HYD 23604	14.31 -0.30 0.00	15.28 -0.27 0.00	15.18 -0.22 0.00	11.61 -0.20 0.00	9.70 -0.27 0.03	10.45 -0.21 0.16	15.03 -0.23 0.00	19.24 -0.24 0.00	19.17 -0.16 0.00	16.29 -0.16 0.00	19.52 -0.16 0.00	20.56 -0.21 0.00	21.82 -0.32 0.00	22.78 -0.40 0.00	23.23 -0.41 0.00	21.50 -0.45 0.00	20.46 -0.47 0.00	19.63 -0.49 0.00	19.41 -0.46 0.00	19.34 -0.39 0.00	18.96 -0.32 0.00	20.20 -0.44 0.00	22.12 -0.48 0.00	19.63 -0.48 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	14.43 -0.18 0.00	15.38 -0.16 0.00	15.28 -0.12 0.00	11.68 -0.13 0.00	9.79 -0.17 0.03	10.54 -0.12 0.15	15.18 -0.08 0.00	19.44 -0.04 0.00	19.34 0.01 0.00	16.44 0.00 0.00	19.68 0.00 0.00	20.70 -0.06 0.00	21.99 -0.14 0.00	23.01 -0.18 0.00	23.49 -0.16 0.00	21.80 -0.15 0.00	20.70 -0.23 0.00	19.91 -0.21 0.00	19.69 -0.19 0.00	19.59 -0.14 0.00	19.18 -0.10 0.00	20.44 -0.20 0.00	22.34 -0.26 0.00	19.86 -0.25 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	14.26 -0.35 0.00	15.22 -0.32 0.00	15.11 -0.29 0.00	11.56 -0.25 0.00	9.66 -0.30 0.03	10.41 -0.25 0.15	14.98 -0.28 0.00	19.18 -0.30 0.00	19.12 -0.22 0.00	16.24 -0.20 0.00	19.47 -0.21 0.00	20.49 -0.27 0.00	21.75 -0.39 0.00	22.71 -0.48 0.00	23.14 -0.50 0.00	21.43 -0.52 0.00	20.39 -0.55 0.00	19.57 -0.55 0.00	19.35 -0.52 0.00	19.27 -0.45 0.00	18.89 -0.40 0.00	20.13 -0.51 0.00	22.02 -0.58 0.00	19.55 -0.55 0.00
STA_56____34_KV_BUS2 355983	14.26 -0.35 0.00	15.22 -0.32 0.00	15.11 -0.29 0.00	11.56 -0.25 0.00	9.66 -0.30 0.03	10.41 -0.25 0.15	14.98 -0.28 0.00	19.18 -0.30 0.00	19.12 -0.22 0.00	16.24 -0.20 0.00	19.47 -0.21 0.00	20.49 -0.27 0.00	21.75 -0.39 0.00	22.71 -0.48 0.00	23.14 -0.50 0.00	21.43 -0.52 0.00	20.39 -0.55 0.00	19.57 -0.55 0.00	19.35 -0.52 0.00	19.27 -0.45 0.00	18.89 -0.40 0.00	20.13 -0.51 0.00	22.02 -0.58 0.00	19.55 -0.55 0.00
STA_67____115KV_BK2 355882	14.29 -0.33 0.00	15.25 -0.29 0.00	15.15 -0.25 0.00	11.59 -0.23 0.00	9.68 -0.28 0.03	10.43 -0.23 0.16	15.00 -0.26 0.00	19.20 -0.28 0.00	19.14 -0.20 0.00	16.25 -0.19 0.00	19.47 -0.21 0.00	20.50 -0.26 0.00	21.78 -0.36 0.00	22.73 -0.46 0.00	23.18 -0.46 0.00	21.46 -0.50 0.00	20.41 -0.52 0.00	19.58 -0.54 0.00	19.37 -0.50 0.00	19.30 -0.43 0.00	18.92 -0.36 0.00	20.16 -0.48 0.00	22.08 -0.52 0.00	19.59 -0.51 0.00
STA_7____115KV_9TRANS 80674	14.36 -0.25 0.00	15.34 -0.21 0.00	15.23 -0.17 0.00	11.64 -0.17 0.00	9.73 -0.23 0.03	10.49 -0.17 0.16	15.09 -0.18 0.00	19.32 -0.16 0.00	19.25 -0.09 0.00	16.36 -0.09 0.00	19.60 -0.08 0.00	20.64 -0.12 0.00	21.93 -0.21 0.00	22.89 -0.30 0.00	23.33 -0.31 0.00	21.60 -0.36 0.00	20.54 -0.39 0.00	19.72 -0.40 0.00	19.51 -0.37 0.00	19.43 -0.30 0.00	19.05 -0.23 0.00	20.30 -0.34 0.00	22.21 -0.38 0.00	19.70 -0.40 0.00
STA_82____115KV_TB1 80780	14.29 -0.32 0.00	15.26 -0.28 0.00	15.16 -0.24 0.00	11.59 -0.22 0.00	9.68 -0.28 0.03	10.43 -0.22 0.16	15.01 -0.25 0.00	19.22 -0.26 0.00	19.14 -0.20 0.00	16.26 -0.18 0.00	19.48 -0.20 0.00	20.51 -0.24 0.00	21.80 -0.35 0.00	22.75 -0.44 0.00	23.19 -0.45 0.00	21.47 -0.49 0.00	20.42 -0.52 0.00	19.59 -0.52 0.00	19.38 -0.50 0.00	19.31 -0.42 0.00	18.93 -0.35 0.00	20.18 -0.47 0.00	22.08 -0.51 0.00	19.60 -0.50 0.00
STEEL____WIND 323596	14.17 -0.44 0.00	15.17 -0.38 0.00	15.11 -0.29 0.00	11.53 -0.28 0.00	9.56 -0.37 0.05	10.24 -0.30 0.28	14.93 -0.33 0.00	19.17 -0.32 0.00	19.09 -0.25 0.00	16.17 -0.27 0.00	19.35 -0.33 0.00	20.33 -0.43 0.00	21.56 -0.58 0.00	22.54 -0.65 0.00	23.03 -0.61 0.00	21.28 -0.68 0.00	20.23 -0.70 0.00	19.36 -0.76 0.00	19.19 -0.69 0.00	19.15 -0.57 0.00	18.81 -0.47 0.00	20.06 -0.59 0.00	22.00 -0.59 0.00	19.48 -0.62 0.00
STEPHTWN_115KV_BK_2 55603	15.18 0.57 0.00	16.14 0.60 0.00	16.01 0.61 0.00	12.30 0.49 0.00	10.39 0.40 0.00	11.25 0.44 0.00	15.88 0.62 0.00	20.08 0.59 0.00	19.85 0.52 0.00	16.88 0.43 0.00	20.27 0.58 0.00	21.32 0.56 0.00	22.84 0.70 0.00	23.99 0.81 0.00	24.36 0.72 0.00	22.67 0.72 0.00	21.70 0.76 0.00	20.96 0.84 0.00	20.74 0.87 0.00	20.61 0.88 0.00	19.98 0.70 0.00	21.35 0.71 0.00	23.34 0.74 0.00	20.66 0.56 0.00
STEUBEN_REC_LFGE 323667	14.26 -0.35 0.00	15.25 -0.29 0.00	15.22 -0.18 0.00	11.62 -0.19 0.00	9.53 -0.31 0.15	9.87 -0.19 0.76	15.14 -0.12 0.00	19.44 -0.04 0.00	19.39 0.05 0.00	16.46 0.01 0.00	19.57 -0.11 0.00	20.50 -0.27 0.00	21.66 -0.48 0.00	22.90 -0.29 0.00	23.43 -0.22 0.00	21.49 -0.47 0.00	20.57 -0.36 0.00	19.80 -0.32 0.00	19.66 -0.22 0.00	19.64 -0.08 0.00	19.24 -0.04 0.00	20.65 0.01 0.00	22.62 0.02 0.00	20.06 -0.05 0.00
STILLWATER____SOLAR 323814	15.42 0.81 0.00	16.41 0.87 0.00	16.27 0.87 0.00	12.49 0.68 0.00	10.56 0.57 0.00	11.42 0.61 0.00	16.15 0.89 0.00	20.56 1.07 0.00	20.30 0.96 0.00	17.28 0.83 0.00	20.71 1.03 0.00	21.77 1.01 0.00	23.28 1.14 0.00	24.54 1.35 0.00	25.05 1.41 0.00	23.18 1.22 0.00	22.15 1.22 0.00	21.38 1.27 0.00	21.11 1.24 0.00	20.90 1.18 0.00	20.39 1.11 0.00	21.74 1.09 0.00	23.82 1.22 0.00	21.10 1.00 0.00
STONY____BROOK 24151	15.98 1.37 0.00	17.02 1.47 0.00	16.84 1.44 0.00	12.80 0.99 0.00	10.81 0.82 0.00	11.70 0.88 0.00	16.63 1.37 0.00	21.05 1.57 0.00	20.86 1.52 0.00	17.70 1.25 0.00	21.47 1.79 0.00	22.81 2.04 0.00	24.33 2.19 0.00	25.43 2.24 0.00	26.04 2.40 0.00	24.28 2.33 0.00	23.14 2.21 0.00	22.46 2.34 0.00	22.04 2.16 0.00	21.66 1.93 0.00	20.96 1.68 0.00	22.46 1.82 0.00	24.80 2.21 0.00	21.95 1.84 0.00
STURGEON_POOL_HYD 23609	15.34 0.74 0.00	16.24 0.70 0.00	16.11 0.71 0.00	12.34 0.52 0.00	10.40 0.41 0.00	11.24 0.43 0.00	15.95 0.69 0.00	20.44 0.96 0.00	20.32 0.99 0.00	17.34 0.89 0.00	20.78 1.10 0.00	22.00 1.24 0.00	23.49 1.35 0.00	24.65 1.46 0.00	25.28 1.64 0.00	23.56 1.60 0.00	22.44 1.50 0.00	21.69 1.57 0.00	21.40 1.52 0.00	21.08 1.35 0.00	20.43 1.15 0.00	21.79 1.14 0.00	23.77 1.18 0.00	21.04 0.94 0.00
ST_LAW_115_BK7_LBMP 345037	14.26 -0.35 0.00	15.20 -0.34 0.00	15.06 -0.34 0.00	11.59 -0.23 0.00	9.83 -0.17 0.00	10.65 -0.17 0.00	14.92 -0.34 0.00	19.08 -0.40 0.00	18.95 -0.39 0.00	16.06 -0.38 0.00	19.18 -0.50 0.00	20.24 -0.52 0.00	21.58 -0.56 0.00	22.58 -0.61 0.00	22.99 -0.65 0.00	21.35 -0.61 0.00	17.15 -0.61 3.17	19.42 -0.70 0.00	19.25 -0.63 0.00	19.16 -0.56 0.00	18.88 -0.40 0.00	20.35 -0.29 0.00	22.28 -0.32 0.00	19.77 -0.33 0.00
ST_LAW_115_BK8_LBMP 345038	14.26 -0.35 0.00	15.20 -0.34 0.00	15.06 -0.34 0.00	11.59 -0.23 0.00	9.83 -0.17 0.00	10.65 -0.17 0.00	14.92 -0.34 0.00	19.08 -0.40 0.00	18.95 -0.39 0.00	16.06 -0.38 0.00	19.18 -0.50 0.00	20.24 -0.52 0.00	21.58 -0.56 0.00	22.58 -0.61 0.00	22.99 -0.65 0.00	21.35 -0.61 0.00	17.15 -0.61 3.17	19.42 -0.70 0.00	19.25 -0.63 0.00	19.16 -0.56 0.00	18.88 -0.40 0.00	20.35 -0.29 0.00	22.28 -0.32 0.00	19.77 -0.33 0.00

ST_LAW_230_BK5_LBMP 345035	14.30 -0.31 0.00	15.24 -0.30 0.00	15.09 -0.30 0.00	11.61 -0.20 0.00	9.84 -0.15 0.00	10.67 -0.15 0.00	14.97 -0.30 0.00	19.14 -0.34 0.00	19.00 -0.33 0.00	16.11 -0.33 0.00	19.24 -0.44 0.00	20.30 -0.46 0.00	21.65 -0.49 0.00	22.65 -0.53 0.00	23.07 -0.57 0.00	21.42 -0.54 0.00	17.16 -0.54 3.23	19.49 -0.62 0.00	19.32 -0.55 0.00	19.24 -0.48 0.00	18.94 -0.34 0.00	20.41 -0.23 0.00	22.35 -0.25 0.00	19.82 -0.28 0.00
ST_LAW_230_BK6_LBMP 345036	14.30 -0.31 0.00	15.24 -0.30 0.00	15.09 -0.30 0.00	11.61 -0.20 0.00	9.84 -0.15 0.00	10.67 -0.15 0.00	14.97 -0.30 0.00	19.14 -0.34 0.00	19.00 -0.33 0.00	16.11 -0.33 0.00	19.24 -0.44 0.00	20.30 -0.46 0.00	21.65 -0.49 0.00	22.65 -0.53 0.00	23.07 -0.57 0.00	21.42 -0.54 0.00	17.16 -0.54 3.23	19.49 -0.62 0.00	19.32 -0.55 0.00	19.24 -0.48 0.00	18.94 -0.34 0.00	20.41 -0.23 0.00	22.35 -0.25 0.00	19.82 -0.28 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	15.33 0.72 0.00	16.22 0.68 0.00	16.08 0.68 0.00	12.32 0.51 0.00	10.40 0.40 0.00	11.24 0.42 0.00	15.93 0.66 0.00	20.36 0.88 0.00	20.24 0.90 0.00	17.26 0.81 0.00	20.68 1.00 0.00	21.88 1.12 0.00	23.38 1.24 0.00	24.56 1.37 0.00	25.17 1.52 0.00	23.45 1.49 0.00	22.37 1.43 0.00	21.59 1.48 0.00	21.30 1.42 0.00	21.02 1.30 0.00	20.39 1.11 0.00	21.72 1.08 0.00	23.73 1.14 0.00	21.01 0.91 0.00
SWANROAD_115KV_TB1 355699	13.82 -0.79 0.00	14.81 -0.74 0.00	14.75 -0.65 0.00	11.26 -0.55 0.00	9.33 -0.62 0.05	10.02 -0.55 0.24	14.54 -0.73 0.00	18.65 -0.84 0.00	18.59 -0.75 0.00	15.72 -0.73 0.00	18.80 -0.88 0.00	19.78 -0.98 0.00	20.98 -1.16 0.00	21.88 -1.30 0.00	22.33 -1.32 0.00	20.62 -1.33 0.00	19.58 -1.36 0.00	18.70 -1.42 0.00	18.52 -1.36 0.00	18.53 -1.20 0.00	18.23 -1.05 0.00	19.44 -1.21 0.00	21.35 -1.24 0.00	18.90 -1.21 0.00
SYNERGY___BIOGAS 323694	14.39 -0.22 0.00	15.39 -0.15 0.00	15.30 -0.10 0.00	11.69 -0.12 0.00	9.72 -0.23 0.04	10.48 -0.13 0.21	15.19 -0.07 0.00	19.52 0.04 0.00	19.47 0.14 0.00	16.51 0.06 0.00	19.73 0.05 0.00	20.77 0.00 0.00	22.04 -0.10 0.00	23.02 -0.17 0.00	23.49 -0.15 0.00	21.71 -0.24 0.00	20.62 -0.31 0.00	19.75 -0.37 0.00	19.56 -0.32 0.00	19.52 -0.21 0.00	19.18 -0.11 0.00	20.43 -0.21 0.00	22.36 -0.24 0.00	19.77 -0.33 0.00
SYRACUSE___ENERGY_ST1 323597	14.57 -0.04 0.00	15.49 -0.05 0.00	15.36 -0.03 0.00	11.76 -0.05 0.00	9.93 -0.06 0.00	10.77 -0.04 0.00	15.25 -0.01 0.00	19.48 0.00 0.00	19.34 0.00 0.00	16.46 0.02 0.00	19.71 0.03 0.00	20.76 0.00 0.00	22.11 -0.03 0.00	23.12 -0.07 0.00	23.55 -0.09 0.00	21.82 -0.13 0.00	20.82 -0.11 0.00	20.07 -0.05 0.00	19.84 -0.04 0.00	19.69 -0.03 0.00	19.22 -0.06 0.00	20.51 -0.13 0.00	22.43 -0.16 0.00	20.07 -0.04 0.00
SYRACUSE___ENERGY_ST2 323598	14.57 -0.04 0.00	15.49 -0.05 0.00	15.36 -0.03 0.00	11.76 -0.05 0.00	9.93 -0.06 0.00	10.77 -0.04 0.00	15.25 -0.01 0.00	19.48 0.00 0.00	19.34 0.00 0.00	16.46 0.02 0.00	19.71 0.03 0.00	20.76 0.00 0.00	22.11 -0.03 0.00	23.12 -0.07 0.00	23.55 -0.09 0.00	21.82 -0.13 0.00	20.82 -0.11 0.00	20.07 -0.05 0.00	19.84 -0.04 0.00	19.69 -0.03 0.00	19.22 -0.06 0.00	20.51 -0.13 0.00	22.43 -0.16 0.00	20.07 -0.04 0.00
SYRACUSE___POWER 24017	14.54 -0.08 0.00	15.46 -0.09 0.00	15.33 -0.07 0.00	11.74 -0.07 0.00	9.91 -0.08 0.00	10.74 -0.07 0.00	15.21 -0.05 0.00	19.42 -0.06 0.00	19.30 -0.04 0.00	16.43 -0.01 0.00	19.66 -0.02 0.00	20.72 -0.04 0.00	22.07 -0.07 0.00	23.08 -0.10 0.00	23.51 -0.14 0.00	21.79 -0.16 0.00	20.79 -0.14 0.00	20.03 -0.09 0.00	19.79 -0.09 0.00	19.64 -0.08 0.00	19.17 -0.10 0.00	20.46 -0.18 0.00	22.38 -0.21 0.00	20.01 -0.10 0.00
TALLMAN___138KV_BK151 55660	15.44 0.83 0.00	16.32 0.78 0.00	16.16 0.76 0.00	12.39 0.58 0.00	10.44 0.45 0.00	11.29 0.47 0.00	16.02 0.76 0.00	20.49 1.01 0.00	20.39 1.05 0.00	17.40 0.95 0.00	20.87 1.18 0.00	22.10 1.33 0.00	23.61 1.47 0.00	24.80 1.61 0.00	25.44 1.79 0.00	23.72 1.77 0.00	22.63 1.70 0.00	21.84 1.73 0.00	21.53 1.65 0.00	21.23 1.50 0.00	20.56 1.28 0.00	21.89 1.25 0.00	23.91 1.32 0.00	21.16 1.06 0.00
TEALLAVE_115KV_TB7 355573	14.49 -0.12 0.00	15.42 -0.13 0.00	15.29 -0.11 0.00	11.71 -0.10 0.00	9.89 -0.10 0.00	10.71 -0.10 0.00	15.16 -0.10 0.00	19.36 -0.12 0.00	19.25 -0.09 0.00	16.38 -0.07 0.00	19.61 -0.07 0.00	20.66 -0.09 0.00	22.02 -0.12 0.00	23.03 -0.16 0.00	23.44 -0.21 0.00	21.74 -0.22 0.00	20.73 -0.20 0.00	19.96 -0.15 0.00	19.73 -0.15 0.00	19.58 -0.15 0.00	19.11 -0.17 0.00	20.39 -0.25 0.00	22.32 -0.27 0.00	19.95 -0.15 0.00
TELGRAPH_34_KV_EAST 80808	14.14 -0.48 0.00	15.13 -0.41 0.00	15.05 -0.34 0.00	11.50 -0.31 0.00	9.54 -0.41 0.04	10.27 -0.32 0.22	14.87 -0.39 0.00	19.10 -0.38 0.00	19.06 -0.28 0.00	16.14 -0.31 0.00	19.32 -0.37 0.00	20.31 -0.44 0.00	21.55 -0.59 0.00	22.48 -0.70 0.00	22.94 -0.71 0.00	21.19 -0.76 0.00	20.12 -0.82 0.00	19.26 -0.86 0.00	19.07 -0.81 0.00	19.06 -0.66 0.00	18.74 -0.55 0.00	19.97 -0.68 0.00	21.90 -0.70 0.00	19.37 -0.73 0.00
TEMPLE___115KV_TB 2 55572	14.50 -0.11 0.00	15.42 -0.12 0.00	15.30 -0.10 0.00	11.71 -0.10 0.00	9.89 -0.10 0.00	10.72 -0.09 0.00	15.17 -0.09 0.00	19.37 -0.11 0.00	19.25 -0.09 0.00	16.39 -0.06 0.00	19.62 -0.07 0.00	20.67 -0.08 0.00	22.02 -0.12 0.00	23.03 -0.16 0.00	23.45 -0.19 0.00	21.75 -0.21 0.00	20.74 -0.19 0.00	19.97 -0.15 0.00	19.73 -0.14 0.00	19.58 -0.14 0.00	19.12 -0.16 0.00	20.40 -0.24 0.00	22.33 -0.27 0.00	19.95 -0.15 0.00
TIANA___69_KV_BK 1 55817	16.16 1.55 0.00	17.27 1.73 0.00	17.10 1.70 0.00	12.96 1.15 0.00	10.94 0.95 0.00	11.86 1.04 0.00	16.91 1.65 0.00	21.32 1.84 0.00	21.11 1.77 0.00	17.86 1.42 0.00	21.67 1.99 0.00	23.02 2.26 0.00	24.55 2.41 0.00	25.69 2.50 0.00	26.33 2.69 0.00	24.59 2.63 0.00	23.43 2.50 0.00	22.76 2.64 0.00	22.40 2.53 0.00	22.05 2.32 0.00	21.09 1.80 0.00	22.48 1.84 0.00	24.94 2.34 0.00	22.11 2.01 0.00
TILDEN___115KV_TB1 80814	14.54 -0.08 0.00	15.46 -0.09 0.00	15.33 -0.07 0.00	11.74 -0.07 0.00	9.91 -0.08 0.00	10.74 -0.07 0.00	15.21 -0.05 0.00	19.42 -0.06 0.00	19.30 -0.04 0.00	16.43 -0.01 0.00	19.66 -0.02 0.00	20.72 -0.04 0.00	22.07 -0.07 0.00	23.08 -0.10 0.00	23.51 -0.14 0.00	21.79 -0.16 0.00	20.79 -0.14 0.00	20.03 -0.09 0.00	19.79 -0.09 0.00	19.64 -0.08 0.00	19.17 -0.10 0.00	20.46 -0.18 0.00	22.38 -0.21 0.00	20.01 -0.10 0.00
TRIGEN___CC 323695	15.72 1.11 0.00	16.68 1.13 0.00	16.50 1.10 0.00	12.60 0.78 0.00	10.63 0.64 0.00	11.49 0.68 0.00	16.34 1.08 0.00	20.79 1.31 0.00	20.65 1.31 0.00	17.60 1.15 0.00	21.26 1.58 0.00	22.53 1.77 0.00	24.05 1.91 0.00	25.19 2.00 0.00	25.83 2.19 0.00	24.09 2.14 0.00	22.96 2.02 0.00	22.19 2.07 0.00	21.84 1.97 0.00	21.52 1.79 0.00	20.83 1.55 0.00	22.25 1.61 0.00	24.42 1.83 0.00	21.57 1.47 0.00

TRINITY__115KV__4 BK 55933	15.09 0.48 0.00	16.07 0.52 0.00	15.96 0.56 0.00	12.26 0.44 0.00	10.35 0.36 0.00	11.17 0.36 0.00	15.74 0.47 0.00	19.92 0.44 0.00	19.67 0.33 0.00	16.74 0.29 0.00	20.07 0.39 0.00	21.14 0.38 0.00	22.61 0.47 0.00	23.72 0.53 0.00	24.17 0.52 0.00	22.45 0.50 0.00	21.46 0.52 0.00	20.71 0.59 0.00	20.49 0.61 0.00	20.38 0.66 0.00	19.79 0.51 0.00	21.10 0.46 0.00	23.13 0.53 0.00	20.50 0.40 0.00
UNION__PROCESSING_DRP 323587	14.30 -0.31 0.00	15.26 -0.28 0.00	15.16 -0.24 0.00	11.60 -0.22 0.00	9.69 -0.27 0.03	10.44 -0.22 0.16	15.01 -0.25 0.00	19.22 -0.26 0.00	19.16 -0.18 0.00	16.27 -0.18 0.00	19.49 -0.19 0.00	20.52 -0.24 0.00	21.80 -0.34 0.00	22.75 -0.44 0.00	23.20 -0.44 0.00	21.48 -0.47 0.00	20.43 -0.50 0.00	19.60 -0.52 0.00	19.39 -0.49 0.00	19.32 -0.41 0.00	18.94 -0.34 0.00	20.18 -0.46 0.00	22.09 -0.50 0.00	19.61 -0.50 0.00
UPPER HUDSON__HYD 24058	15.61 0.99 0.00	16.59 1.05 0.00	16.45 1.05 0.00	12.62 0.80 0.00	10.67 0.68 0.00	11.55 0.74 0.00	16.38 1.12 0.00	20.87 1.39 0.00	20.63 1.30 0.00	17.57 1.13 0.00	21.10 1.42 0.00	22.18 1.41 0.00	23.69 1.55 0.00	24.98 1.79 0.00	25.48 1.83 0.00	23.59 1.63 0.00	22.55 1.61 0.00	21.67 1.55 0.00	21.36 1.48 0.00	20.96 1.24 0.00	20.55 1.27 0.00	21.89 1.25 0.00	24.14 1.54 0.00	21.36 1.26 0.00
UPPER RAQUET__HYD 24056	14.21 -0.40 0.00	15.18 -0.36 0.00	15.11 -0.29 0.00	11.67 -0.15 0.00	9.92 -0.07 0.00	10.73 -0.08 0.00	14.95 -0.31 0.00	19.13 -0.35 0.00	18.90 -0.43 0.00	15.97 -0.48 0.00	19.12 -0.56 0.00	20.20 -0.57 0.00	21.56 -0.58 0.00	22.52 -0.67 0.00	22.85 -0.79 0.00	21.08 -0.87 0.00	17.48 -0.93 2.52	19.08 -1.03 0.00	18.96 -0.92 0.00	18.91 -0.81 0.00	18.67 -0.61 0.00	20.22 -0.43 0.00	22.31 -0.28 0.00	19.84 -0.27 0.00
VALLEY44_115KV_TB2 355964	14.40 -0.21 0.00	15.38 -0.17 0.00	15.30 -0.09 0.00	11.68 -0.13 0.00	9.71 -0.21 0.06	10.34 -0.14 0.34	15.24 -0.02 0.00	19.51 0.03 0.00	19.46 0.12 0.00	16.52 0.07 0.00	19.74 0.06 0.00	20.73 -0.03 0.00	21.99 -0.15 0.00	22.99 -0.20 0.00	23.56 -0.08 0.00	21.74 -0.22 0.00	20.64 -0.30 0.00	19.84 -0.28 0.00	19.62 -0.25 0.00	19.50 -0.22 0.00	19.06 -0.22 0.00	20.29 -0.35 0.00	22.34 -0.26 0.00	19.81 -0.29 0.00
VALLEY__115KV_TB 1-4 80826	14.68 0.07 0.00	15.58 0.03 0.00	15.47 0.07 0.00	11.84 0.02 0.00	10.01 0.02 0.00	10.85 0.04 0.00	15.36 0.10 0.00	19.64 0.15 0.00	19.36 0.02 0.00	16.50 0.06 0.00	19.75 0.07 0.00	20.78 0.02 0.00	22.13 -0.01 0.00	23.39 0.20 0.00	23.88 0.23 0.00	22.07 0.12 0.00	21.26 0.17 -0.16	20.38 0.27 0.00	20.20 0.32 0.00	20.04 0.32 0.00	19.50 0.22 0.00	20.85 0.21 0.00	22.88 0.29 0.00	20.30 0.20 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	15.05 0.44 0.00	16.00 0.46 0.00	15.86 0.47 0.00	12.16 0.34 0.00	10.28 0.27 -0.01	11.18 0.30 -0.06	15.76 0.50 0.00	20.17 0.68 0.00	20.05 0.71 0.00	17.07 0.62 0.00	20.44 0.76 0.00	21.56 0.80 0.00	23.00 0.86 0.00	24.12 0.93 0.00	24.64 1.00 0.00	22.92 0.97 0.00	21.85 0.92 0.00	21.06 0.94 0.00	20.81 0.94 0.00	20.61 0.88 0.00	20.05 0.77 0.00	21.39 0.74 0.00	23.37 0.78 0.00	20.74 0.63 0.00
VISCHER__FERRY HYD 24020	15.26 0.64 0.00	16.25 0.70 0.00	16.13 0.73 0.00	12.39 0.58 0.00	10.47 0.48 0.00	11.30 0.49 0.00	15.95 0.69 0.00	20.26 0.78 0.00	19.97 0.64 0.00	16.97 0.52 0.00	20.34 0.66 0.00	21.42 0.65 0.00	22.91 0.78 0.00	24.09 0.90 0.00	24.58 0.94 0.00	22.77 0.82 0.00	21.77 0.84 0.00	21.04 0.92 0.00	20.80 0.93 0.00	20.69 0.97 0.00	20.13 0.85 0.00	21.47 0.82 0.00	23.50 0.90 0.00	20.83 0.72 0.00
V_A_10_SYNC_DSASP 323832	14.01 -0.61 0.00	14.99 -0.56 0.00	14.91 -0.49 0.00	11.39 -0.42 0.00	9.47 -0.48 0.04	10.19 -0.43 0.20	14.72 -0.54 0.00	18.85 -0.63 0.00	18.79 -0.55 0.00	15.93 -0.51 0.00	19.08 -0.60 0.00	20.07 -0.69 0.00	21.30 -0.84 0.00	22.23 -0.96 0.00	22.67 -0.98 0.00	20.95 -1.00 0.00	19.92 -1.01 0.00	19.05 -1.07 0.00	18.86 -1.02 0.00	18.82 -0.91 0.00	18.49 -0.79 0.00	19.70 -0.95 0.00	21.61 -0.98 0.00	19.16 -0.94 0.00
V_CMM_10_SYNC_DSASP 323787	14.32 -0.29 0.00	15.27 -0.27 0.00	15.13 -0.27 0.00	11.64 -0.17 0.00	9.87 -0.12 0.00	10.69 -0.12 0.00	14.99 -0.27 0.00	19.17 -0.31 0.00	19.04 -0.29 0.00	16.14 -0.31 0.00	19.27 -0.41 0.00	20.33 -0.43 0.00	21.68 -0.46 0.00	22.68 -0.51 0.00	23.10 -0.54 0.00	21.44 -0.52 0.00	17.24 -0.53 3.17	19.51 -0.61 0.00	19.34 -0.53 0.00	19.26 -0.47 0.00	18.97 -0.31 0.00	20.44 -0.20 0.00	22.39 -0.21 0.00	19.86 -0.25 0.00
V_CMP_10_SYNC_DSASP 323788	14.14 -0.47 0.00	14.97 -0.58 0.00	14.77 -0.63 0.00	11.38 -0.43 0.00	9.70 -0.29 0.00	10.65 -0.16 0.00	15.07 -0.19 0.00	19.11 -0.38 0.00	18.78 -0.56 0.00	15.82 -0.62 0.00	18.86 -0.82 0.00	19.99 -0.78 0.00	21.19 -0.95 0.00	22.29 -0.89 0.00	22.56 -1.09 0.00	21.00 -0.96 0.00	16.81 -1.00 3.12	19.14 -0.97 0.00	19.39 -0.49 0.00	19.41 -0.31 0.00	19.30 0.02 0.00	20.91 0.27 0.00	22.88 0.29 0.00	20.25 0.14 0.00
V_D_10_SYNC_DSASP 323841	14.31 -0.30 0.00	15.29 -0.25 0.00	15.22 -0.18 0.00	11.72 -0.10 0.00	9.93 -0.06 0.00	10.76 -0.05 0.00	14.99 -0.28 0.00	19.17 -0.31 0.00	19.02 -0.32 0.00	16.11 -0.34 0.00	19.24 -0.44 0.00	20.30 -0.47 0.00	21.66 -0.48 0.00	22.64 -0.55 0.00	23.05 -0.59 0.00	21.37 -0.58 0.00	17.28 -0.59 3.06	19.44 -0.68 0.00	19.28 -0.59 0.00	19.20 -0.53 0.00	18.93 -0.35 0.00	20.41 -0.23 0.00	22.37 -0.22 0.00	19.86 -0.25 0.00
V_E_10_SYNC_DSASP 323830	15.32 0.71 0.00	16.22 0.67 0.00	16.13 0.73 0.00	12.38 0.57 0.00	10.50 0.44 -0.07	11.75 0.58 -0.35	16.31 1.05 0.00	20.86 1.38 0.00	20.75 1.41 0.00	17.69 1.24 0.00	21.18 1.50 0.00	22.19 1.43 0.00	23.50 1.36 0.00	24.79 1.60 0.00	25.34 1.70 0.00	23.63 1.68 0.00	22.42 1.49 0.00	21.78 1.66 0.00	21.50 1.63 0.00	21.31 1.58 0.00	20.89 1.62 0.00	22.23 1.58 0.00	24.15 1.55 0.00	21.45 1.35 0.00
V_F_30_NSYNC__DSASP 323816	15.43 0.82 0.00	16.42 0.88 0.00	16.28 0.87 0.00	12.49 0.68 0.00	10.56 0.57 0.00	11.43 0.61 0.00	16.16 0.89 0.00	20.58 1.10 0.00	20.33 0.99 0.00	17.31 0.86 0.00	20.75 1.07 0.00	21.82 1.06 0.00	23.32 1.18 0.00	24.58 1.39 0.00	25.09 1.44 0.00	23.22 1.27 0.00	22.18 1.25 0.00	21.41 1.29 0.00	21.14 1.27 0.00	20.92 1.20 0.00	20.40 1.12 0.00	21.76 1.11 0.00	23.83 1.24 0.00	21.12 1.02 0.00
V_F_30_SYNC_DSASP 323786	15.13 0.52 0.00	16.10 0.56 0.00	15.99 0.59 0.00	12.28 0.46 0.00	10.37 0.38 0.00	11.19 0.38 0.00	15.78 0.51 0.00	19.99 0.50 0.00	19.75 0.42 0.00	16.82 0.37 0.00	20.17 0.49 0.00	21.25 0.49 0.00	22.71 0.57 0.00	23.83 0.64 0.00	24.30 0.65 0.00	22.58 0.62 0.00	21.56 0.63 0.00	20.81 0.69 0.00	20.57 0.69 0.00	20.45 0.72 0.00	19.86 0.58 0.00	21.17 0.53 0.00	23.20 0.60 0.00	20.56 0.46 0.00



V_XM10_SYNC_DSASP 323789	14.14 -0.47 0.00	14.97 -0.58 0.00	14.77 -0.63 0.00	11.38 -0.43 0.00	9.70 -0.29 0.00	10.65 -0.16 0.00	15.07 -0.19 0.00	19.11 -0.38 0.00	18.78 -0.56 0.00	15.82 -0.62 0.00	18.86 -0.82 0.00	19.99 -0.78 0.00	21.19 -0.95 0.00	22.29 -0.89 0.00	22.56 -1.09 0.00	21.00 -0.96 0.00	16.81 -1.00 3.12	19.14 -0.97 0.00	19.39 -0.49 0.00	19.41 -0.31 0.00	19.30 0.02 0.00	20.91 0.27 0.00	22.88 0.29 0.00	20.25 0.14 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	15.50 0.89 0.00	16.38 0.84 0.00	16.23 0.83 0.00	12.43 0.62 0.00	10.48 0.49 0.00	11.33 0.52 0.00	16.08 0.82 0.00	20.58 1.10 0.00	20.48 1.15 0.00	17.48 1.03 0.00	20.97 1.29 0.00	22.21 1.44 0.00	23.72 1.58 0.00	24.93 1.74 0.00	25.57 1.92 0.00	23.83 1.88 0.00	22.73 1.80 0.00	21.95 1.84 0.00	21.64 1.76 0.00	21.32 1.59 0.00	20.65 1.37 0.00	21.98 1.34 0.00	24.01 1.42 0.00	21.24 1.14 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	15.66 1.05 0.00	16.55 1.00 0.00	16.39 0.99 0.00	12.56 0.75 0.00	10.59 0.60 0.00	11.44 0.63 0.00	16.23 0.97 0.00	20.77 1.28 0.00	20.67 1.33 0.00	17.65 1.21 0.00	21.17 1.49 0.00	22.42 1.66 0.00	23.95 1.81 0.00	25.16 1.98 0.00	25.84 2.19 0.00	24.12 2.16 0.00	22.97 2.04 0.00	22.17 2.05 0.00	21.84 1.96 0.00	21.50 1.78 0.00	20.80 1.52 0.00	22.16 1.52 0.00	24.21 1.62 0.00	21.40 1.30 0.00
W50THST__13_KV_LOAD 356117	15.72 1.10 0.00	16.61 1.06 0.00	16.45 1.05 0.00	12.61 0.79 0.00	10.63 0.63 0.00	11.48 0.67 0.00	16.31 1.04 0.00	20.87 1.39 0.00	20.78 1.44 0.00	17.75 1.30 0.00	21.29 1.61 0.00	22.54 1.78 0.00	24.09 1.95 0.00	25.32 2.13 0.00	25.98 2.34 0.00	24.25 2.30 0.00	23.10 2.17 0.00	22.29 2.17 0.00	21.95 2.08 0.00	21.60 1.88 0.00	20.89 1.61 0.00	22.25 1.61 0.00	24.32 1.72 0.00	21.48 1.38 0.00
WADING RIVER_IC_1 23522	15.93 1.32 0.00	17.06 1.51 0.00	16.90 1.50 0.00	12.78 0.97 0.00	10.80 0.80 0.00	11.69 0.87 0.00	16.64 1.38 0.00	20.96 1.47 0.00	20.74 1.41 0.00	17.53 1.08 0.00	21.26 1.58 0.00	22.57 1.81 0.00	24.08 1.95 0.00	25.20 2.01 0.00	25.81 2.17 0.00	24.09 2.14 0.00	22.89 1.96 0.00	22.26 2.14 0.00	21.89 2.02 0.00	21.56 1.83 0.00	20.76 1.49 0.00	22.26 1.62 0.00	24.61 2.01 0.00	21.78 1.68 0.00
WADING RIVER_IC_2 23547	15.93 1.32 0.00	17.06 1.51 0.00	16.90 1.50 0.00	12.78 0.97 0.00	10.80 0.80 0.00	11.69 0.87 0.00	16.64 1.38 0.00	20.96 1.47 0.00	20.74 1.41 0.00	17.53 1.08 0.00	21.26 1.58 0.00	22.57 1.81 0.00	24.08 1.95 0.00	25.20 2.01 0.00	25.81 2.17 0.00	24.09 2.14 0.00	22.89 1.96 0.00	22.26 2.14 0.00	21.89 2.02 0.00	21.56 1.83 0.00	20.76 1.49 0.00	22.26 1.62 0.00	24.61 2.01 0.00	21.78 1.68 0.00
WADING RIVER_IC_3 23601	15.93 1.32 0.00	17.06 1.51 0.00	16.90 1.50 0.00	12.78 0.97 0.00	10.80 0.80 0.00	11.69 0.87 0.00	16.64 1.38 0.00	20.96 1.47 0.00	20.74 1.41 0.00	17.53 1.08 0.00	21.26 1.58 0.00	22.57 1.81 0.00	24.08 1.95 0.00	25.20 2.01 0.00	25.81 2.17 0.00	24.09 2.14 0.00	22.89 1.96 0.00	22.26 2.14 0.00	21.89 2.02 0.00	21.56 1.83 0.00	20.76 1.49 0.00	22.26 1.62 0.00	24.61 2.01 0.00	21.78 1.68 0.00
WALDENNY_12_KV_BK2 80841	14.18 -0.43 0.00	15.18 -0.36 0.00	15.12 -0.28 0.00	11.53 -0.28 0.00	9.57 -0.37 0.05	10.25 -0.29 0.28	14.95 -0.32 0.00	19.18 -0.30 0.00	19.12 -0.21 0.00	16.19 -0.26 0.00	19.38 -0.31 0.00	20.36 -0.40 0.00	21.60 -0.53 0.00	22.57 -0.61 0.00	23.05 -0.59 0.00	21.30 -0.65 0.00	20.24 -0.69 0.00	19.37 -0.75 0.00	19.19 -0.68 0.00	19.17 -0.56 0.00	18.82 -0.46 0.00	20.06 -0.58 0.00	22.01 -0.59 0.00	19.48 -0.62 0.00
WALDEN__HYDRO 24148	15.39 0.78 0.00	16.29 0.75 0.00	16.15 0.75 0.00	12.38 0.56 0.00	10.45 0.45 0.00	11.29 0.48 0.00	16.01 0.74 0.00	20.46 0.98 0.00	20.32 0.98 0.00	17.32 0.87 0.00	20.76 1.08 0.00	21.96 1.20 0.00	23.46 1.32 0.00	24.65 1.46 0.00	25.26 1.62 0.00	23.53 1.58 0.00	22.44 1.51 0.00	21.68 1.56 0.00	21.40 1.52 0.00	21.13 1.41 0.00	20.49 1.21 0.00	21.84 1.20 0.00	23.85 1.25 0.00	21.10 1.00 0.00
WARRENSBURG____ 23737	15.61 0.99 0.00	16.59 1.05 0.00	16.45 1.05 0.00	12.62 0.80 0.00	10.67 0.68 0.00	11.55 0.74 0.00	16.38 1.12 0.00	20.87 1.39 0.00	20.63 1.30 0.00	17.57 1.13 0.00	21.10 1.42 0.00	22.18 1.41 0.00	23.69 1.55 0.00	24.98 1.79 0.00	25.48 1.83 0.00	23.59 1.63 0.00	22.55 1.61 0.00	21.67 1.55 0.00	21.36 1.48 0.00	20.96 1.24 0.00	20.55 1.27 0.00	21.89 1.25 0.00	24.14 1.54 0.00	21.36 1.26 0.00
WATERSIDE____6 8 9 23538	15.69 1.08 0.00	16.56 1.02 0.00	16.42 1.02 0.00	12.60 0.77 -0.01	10.61 0.62 -0.01	11.47 0.65 -0.01	16.24 0.98 0.00	20.78 1.29 0.00	20.68 1.34 0.00	17.66 1.21 0.00	21.16 1.48 0.00	22.43 1.66 0.00	23.97 1.83 0.00	25.18 1.99 0.00	25.82 2.18 0.00	24.09 2.14 0.01	22.95 2.02 0.00	22.15 2.03 0.00	21.82 1.94 0.00	21.49 1.77 0.00	16.44 1.52 4.36	19.09 1.50 3.05	24.20 1.61 0.00	21.40 1.30 0.00
WATKINRD_115KV_LN8_ILLION 55919	14.70 0.08 0.00	15.63 0.08 0.00	15.50 0.10 0.00	11.88 0.07 0.00	10.04 0.05 0.00	10.87 0.06 0.00	15.38 0.12 0.00	19.64 0.16 0.00	19.43 0.10 0.00	16.55 0.10 0.00	19.80 0.12 0.00	20.86 0.10 0.00	22.23 0.09 0.00	23.42 0.23 0.00	23.92 0.27 0.00	22.14 0.18 0.00	21.29 0.20 -0.16	20.38 0.26 0.00	20.17 0.30 0.00	20.02 0.29 0.00	19.50 0.21 0.00	20.82 0.18 0.00	22.84 0.24 0.00	20.28 0.18 0.00
WATSON__69_KV_BK 1 55734	16.08 1.47 0.00	17.10 1.56 0.00	16.91 1.51 0.00	12.87 1.05 0.00	10.86 0.87 0.00	11.76 0.94 0.00	16.74 1.47 0.00	21.22 1.74 0.00	21.04 1.70 0.00	17.86 1.41 0.00	21.65 1.96 0.00	23.00 2.24 0.00	24.54 2.40 0.00	25.67 2.48 0.00	26.31 2.66 0.00	24.55 2.59 0.00	23.43 2.50 0.00	22.71 2.59 0.00	22.34 2.47 0.00	22.01 2.28 0.00	21.27 1.99 0.00	22.72 2.08 0.00	25.05 2.45 0.00	22.11 2.01 0.00
WDELAWARE__HYD 323627	15.06 0.44 0.00	15.93 0.39 0.00	15.79 0.39 0.00	12.10 0.28 0.00	10.22 0.22 0.00	11.05 0.24 0.00	15.68 0.41 0.00	20.05 0.56 0.00	19.89 0.55 0.00	16.96 0.51 0.00	20.31 0.63 0.00	21.48 0.72 0.00	22.81 0.67 0.00	23.48 0.30 0.00	24.09 0.45 0.00	22.41 0.45 0.00	21.38 0.44 0.00	20.69 0.57 0.00	20.42 0.54 0.00	20.17 0.45 0.00	19.64 0.36 0.00	21.43 0.78 0.00	23.38 0.79 0.00	20.68 0.58 0.00
WEST BABYLON__IC 23714	16.01 1.40 0.00	17.01 1.47 0.00	16.82 1.42 0.00	12.81 1.00 0.00	10.81 0.82 0.00	11.70 0.89 0.00	16.66 1.39 0.00	21.14 1.66 0.00	20.97 1.63 0.00	17.82 1.37 0.00	21.58 1.90 0.00	22.90 2.13 0.00	24.43 2.29 0.00	25.56 2.38 0.00	26.21 2.57 0.00	24.47 2.51 0.00	23.36 2.42 0.00	22.61 2.49 0.00	22.25 2.37 0.00	21.91 2.19 0.00	21.19 1.91 0.00	22.63 1.99 0.00	24.93 2.33 0.00	22.01 1.91 0.00

WEST CANADA___HYD 24049	14.69 0.08 0.00	15.63 0.08 0.00	15.49 0.09 0.00	11.88 0.07 0.00	10.04 0.05 0.00	10.86 0.05 0.00	15.35 0.09 0.00	19.58 0.10 0.00	19.43 0.09 0.00	16.54 0.09 0.00	19.80 0.12 0.00	20.88 0.12 0.00	22.27 0.13 0.00	23.34 0.15 0.00	23.80 0.16 0.00	22.11 0.15 0.00	21.24 0.15 -0.16	20.30 0.18 0.00	20.04 0.17 0.00	19.88 0.16 0.00	19.40 0.12 0.00	20.75 0.10 0.00	22.71 0.11 0.00	20.20 0.10 0.00
WESTERN_NY_WIND 24143	14.38 -0.23 0.00	15.37 -0.17 0.00	15.29 -0.11 0.00	11.68 -0.14 0.00	9.71 -0.25 0.04	10.47 -0.14 0.21	15.16 -0.10 0.00	19.49 0.00 0.00	19.45 0.12 0.00	16.49 0.04 0.00	19.70 0.02 0.00	20.72 -0.04 0.00	22.01 -0.13 0.00	22.98 -0.21 0.00	23.46 -0.18 0.00	21.68 -0.27 0.00	20.57 -0.36 0.00	19.72 -0.40 0.00	19.53 -0.35 0.00	19.50 -0.23 0.00	19.15 -0.13 0.00	20.40 -0.24 0.00	22.33 -0.27 0.00	19.74 -0.36 0.00
WESTOVER___LESR 323668	14.63 0.02 0.00	15.56 0.01 0.00	15.45 0.05 0.00	11.81 0.00 0.00	9.97 -0.03 -0.01	10.85 0.00 -0.04	15.36 0.10 0.00	19.62 0.14 0.00	19.53 0.19 0.00	16.65 0.21 0.00	19.91 0.23 0.00	20.98 0.22 0.00	22.35 0.21 0.00	23.44 0.26 0.00	23.96 0.32 0.00	22.19 0.24 0.00	21.14 0.21 0.00	20.38 0.27 0.00	20.16 0.28 0.00	19.97 0.24 0.00	19.45 0.17 0.00	20.76 0.12 0.00	22.72 0.12 0.00	20.23 0.12 0.00
WETHRSFD_WT_PWR 323626	14.06 -0.55 0.00	15.03 -0.52 0.00	15.02 -0.38 0.00	11.46 -0.35 0.00	9.49 -0.43 0.07	10.08 -0.36 0.37	14.87 -0.39 0.00	19.07 -0.41 0.00	18.97 -0.37 0.00	16.04 -0.41 0.00	19.13 -0.55 0.00	20.09 -0.67 0.00	21.27 -0.87 0.00	22.33 -0.86 0.00	22.84 -0.81 0.00	21.04 -0.91 0.00	20.09 -0.84 0.00	19.32 -0.80 0.00	19.17 -0.71 0.00	19.15 -0.57 0.00	18.79 -0.49 0.00	20.09 -0.56 0.00	22.04 -0.56 0.00	19.55 -0.56 0.00
WHAVSTOR_138KV_BK127 55557	15.44 0.82 0.00	16.32 0.77 0.00	16.16 0.76 0.00	12.39 0.58 0.00	10.44 0.45 0.00	11.29 0.47 0.00	16.02 0.75 0.00	20.48 1.00 0.00	20.37 1.03 0.00	17.38 0.93 0.00	20.84 1.16 0.00	22.07 1.30 0.00	23.58 1.44 0.00	24.77 1.58 0.00	25.40 1.75 0.00	23.68 1.72 0.00	22.59 1.66 0.00	21.80 1.69 0.00	21.49 1.62 0.00	21.20 1.47 0.00	20.53 1.25 0.00	21.86 1.22 0.00	23.89 1.29 0.00	21.14 1.04 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	15.44 0.82 0.00	16.32 0.77 0.00	16.16 0.76 0.00	12.39 0.58 0.00	10.44 0.45 0.00	11.29 0.47 0.00	16.02 0.75 0.00	20.48 1.00 0.00	20.37 1.03 0.00	17.38 0.93 0.00	20.84 1.16 0.00	22.07 1.30 0.00	23.58 1.44 0.00	24.77 1.58 0.00	25.40 1.75 0.00	23.68 1.72 0.00	22.59 1.66 0.00	21.80 1.69 0.00	21.49 1.62 0.00	21.20 1.47 0.00	20.53 1.25 0.00	21.86 1.22 0.00	23.89 1.29 0.00	21.14 1.04 0.00
WHITEHAL_115KV_TB1 80871	15.89 1.28 0.00	16.90 1.35 0.00	16.75 1.35 0.00	12.85 1.04 0.00	10.88 0.88 0.00	11.78 0.96 0.00	16.74 1.47 0.00	21.29 1.81 0.00	21.03 1.69 0.00	17.87 1.43 0.00	21.50 1.82 0.00	22.58 1.82 0.00	24.12 1.98 0.00	25.43 2.24 0.00	25.93 2.28 0.00	24.00 2.04 0.00	22.99 2.05 0.00	22.18 2.06 0.00	21.84 1.97 0.00	21.46 1.73 0.00	21.04 1.76 0.00	22.38 1.74 0.00	24.62 2.02 0.00	21.79 1.68 0.00
WHITEPLN_13_KV_LOAD 356215	15.67 1.06 0.00	16.58 1.03 0.00	16.42 1.02 0.00	12.58 0.76 0.00	10.60 0.61 0.00	11.46 0.65 0.00	16.28 1.02 0.00	20.83 1.35 0.00	20.72 1.38 0.00	17.68 1.23 0.00	21.21 1.53 0.00	22.47 1.70 0.00	24.00 1.86 0.00	25.22 2.04 0.00	25.87 2.23 0.00	24.12 2.16 0.00	23.00 2.06 0.00	22.21 2.09 0.00	21.88 2.01 0.00	21.57 1.84 0.00	20.88 1.60 0.00	22.23 1.59 0.00	24.28 1.68 0.00	21.46 1.36 0.00
WM_FLOYD_69_KV_BK2 356380	16.04 1.43 0.00	17.11 1.57 0.00	16.94 1.55 0.00	12.85 1.04 0.00	10.85 0.86 0.00	11.75 0.94 0.00	16.72 1.46 0.00	21.13 1.64 0.00	20.91 1.58 0.00	17.69 1.24 0.00	21.46 1.78 0.00	22.78 2.02 0.00	24.30 2.16 0.00	25.43 2.24 0.00	26.04 2.40 0.00	24.30 2.35 0.00	23.14 2.21 0.00	22.49 2.37 0.00	22.13 2.25 0.00	21.79 2.07 0.00	21.01 1.73 0.00	22.49 1.84 0.00	24.84 2.25 0.00	21.98 1.88 0.00
WOODARD__115KV_TB2 355635	14.48 -0.13 0.00	15.40 -0.14 0.00	15.27 -0.12 0.00	11.70 -0.11 0.00	9.88 -0.11 0.00	10.70 -0.11 0.00	15.14 -0.12 0.00	19.34 -0.14 0.00	19.21 -0.13 0.00	16.35 -0.10 0.00	19.57 -0.11 0.00	20.63 -0.13 0.00	21.97 -0.17 0.00	22.98 -0.21 0.00	23.39 -0.25 0.00	21.69 -0.26 0.00	20.69 -0.24 0.00	19.93 -0.19 0.00	19.69 -0.18 0.00	19.55 -0.18 0.00	19.09 -0.19 0.00	20.36 -0.28 0.00	22.29 -0.31 0.00	19.93 -0.18 0.00
YORK___WARBASSE 23770	15.75 1.14 0.00	16.63 1.08 0.00	16.50 1.09 0.00	12.67 0.85 -0.01	10.68 0.68 -0.01	11.54 0.72 -0.01	16.28 1.02 0.00	20.84 1.36 0.00	20.74 1.40 0.00	17.70 1.26 0.00	21.20 1.52 0.00	22.50 1.74 0.00	24.08 1.94 0.00	25.29 2.10 0.00	25.95 2.30 -0.01	24.22 2.25 -0.02	23.06 2.12 0.00	22.26 2.13 -0.01	21.92 2.04 0.00	21.61 1.87 -0.02	42.32 1.61 -21.43	37.24 1.60 -14.99	24.33 1.73 0.00	21.54 1.43 -0.01