

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

06/01/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	18.62	17.40	13.04	8.98	13.60	17.01	16.54	13.03	12.72	11.10	12.91	14.18	14.57	12.60	15.87	18.32	20.90	27.08	32.00	30.39	28.79	23.61	18.51	16.51
24138	1.12	1.05	0.80	0.55	0.81	0.95	0.91	0.79	0.77	0.69	0.87	0.96	1.00	0.94	1.27	1.48	1.70	2.14	2.45	2.11	2.03	1.60	1.20	1.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	18.61	17.39	13.03	8.96	13.58	17.00	16.53	13.02	12.70	11.06	12.86	14.13	14.51	12.57	15.83	18.28	20.84	27.04	31.97	30.37	28.76	23.57	18.48	16.50
24260	1.11	1.04	0.79	0.53	0.80	0.94	0.89	0.77	0.75	0.65	0.82	0.91	0.94	0.91	1.24	1.44	1.64	2.10	2.42	2.09	2.00	1.56	1.18	1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	18.61	17.39	13.03	8.96	13.58	17.00	16.53	13.02	12.70	11.06	12.86	14.13	14.51	12.57	15.83	18.28	20.84	27.04	31.97	30.37	28.76	23.57	18.48	16.50
24261	1.11	1.04	0.79	0.53	0.80	0.94	0.89	0.77	0.75	0.65	0.82	0.91	0.94	0.91	1.24	1.44	1.64	2.10	2.42	2.09	2.00	1.56	1.18	1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.58	17.45	13.08	9.01	13.66	17.15	16.69	13.03	12.67	10.99	12.58	13.77	14.04	12.10	15.23	17.58	20.30	26.54	31.71	30.49	28.87	23.69	18.51	16.55
24011	1.08	1.10	0.84	0.58	0.88	1.09	1.06	0.79	0.72	0.58	0.54	0.55	0.47	0.44	0.63	0.74	1.10	1.60	2.16	2.21	2.11	1.68	1.21	1.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.68	17.54	13.15	9.06	13.74	17.24	16.79	13.10	12.73	11.04	12.63	13.83	14.09	12.15	15.28	17.65	20.40	26.69	31.92	30.72	29.10	23.88	18.64	16.65
23798	1.18	1.19	0.91	0.63	0.96	1.18	1.15	0.86	0.77	0.63	0.59	0.61	0.52	0.48	0.68	0.81	1.20	1.75	2.37	2.44	2.34	1.87	1.34	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.58	17.45	13.08	9.01	13.66	17.15	16.69	13.03	12.67	10.99	12.58	13.77	14.04	12.10	15.23	17.58	20.30	26.54	31.71	30.49	28.87	23.69	18.51	16.55
24028	1.08	1.10	0.84	0.58	0.88	1.09	1.06	0.79	0.72	0.58	0.54	0.55	0.47	0.44	0.63	0.74	1.10	1.60	2.16	2.21	2.11	1.68	1.21	1.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.38	17.28	12.97	8.93	13.53	16.93	16.48	12.87	12.57	10.86	12.46	13.62	13.95	12.03	15.02	17.28	19.79	25.70	30.54	29.34	27.80	22.92	17.99	16.16
23527	0.88	0.93	0.73	0.50	0.74	0.87	0.84	0.63	0.61	0.45	0.42	0.39	0.38	0.36	0.42	0.45	0.58	0.76	0.99	1.05	1.04	0.91	0.68	0.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	18.01	16.90	12.68	8.73	13.22	16.55	16.10	12.60	12.29	10.65	12.25	13.40	13.72	11.79	14.75	16.99	19.41	25.19	29.87	28.58	27.03	22.24	17.49	15.71
24190	0.51	0.55	0.44	0.31	0.44	0.49	0.46	0.36	0.34	0.24	0.21	0.18	0.15	0.12	0.15	0.16	0.21	0.25	0.32	0.29	0.27	0.23	0.18	0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	9.92	16.03	12.00	8.24	12.51	15.77	15.36	12.03	11.79	10.29	11.92	13.10	13.48	11.56	14.46	16.68	19.02	24.73	29.17	28.04	26.62	21.93	17.22	15.32
355683	-1.43	-0.32	-0.24	-0.18	-0.27	-0.29	-0.28	-0.21	-0.17	-0.12	-0.12	-0.12	-0.09	-0.10	-0.14	-0.16	-0.18	-0.21	-0.38	-0.24	-0.14	-0.08	-0.08	-0.18
	6.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	18.24	17.11	12.83	8.85	13.40	16.78	16.29	12.66	12.29	10.63	12.23	13.38	13.70	11.78	14.74	16.98	19.44	25.33	30.25	29.13	27.63	22.71	17.83	15.99
323833	0.74	0.76	0.59	0.42	0.62	0.72	0.65	0.42	0.34	0.22	0.19	0.16	0.13	0.11	0.14	0.15	0.24	0.39	0.70	0.85	0.87	0.70	0.53	0.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.23	17.10	12.83	8.84	13.40	16.78	16.28	12.66	12.29	10.63	12.23	13.38	13.70	11.78	14.74	16.98	19.44	25.32	30.24	29.13	27.63	22.71	17.82	15.99
323834	0.73	0.75	0.59	0.42	0.61	0.72	0.65	0.42	0.33	0.22	0.19	0.16	0.13	0.11	0.14	0.15	0.23	0.38	0.69	0.84	0.87	0.70	0.52	0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.01	16.90	12.68	8.73	13.22	16.55	16.10	12.60	12.29	10.65	12.25	13.40	13.72	11.79	14.75	16.99	19.41	25.19	29.87	28.58	27.03	22.24	17.49	15.71
23571	0.51	0.55	0.44	0.31	0.44	0.49	0.46	0.36	0.34	0.24	0.21	0.18	0.15	0.12	0.15	0.16	0.21	0.25	0.32	0.29	0.27	0.23	0.18	0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.01 0.51 0.00	16.90 0.55 0.00	12.68 0.44 0.00	8.73 0.31 0.00	13.22 0.44 0.00	16.55 0.49 0.00	16.10 0.46 0.00	12.60 0.36 0.00	12.29 0.34 0.00	10.65 0.24 0.00	12.25 0.21 0.00	13.40 0.18 0.00	13.72 0.15 0.00	11.79 0.12 0.00	14.75 0.15 0.00	16.99 0.16 0.00	19.41 0.21 0.00	25.19 0.25 0.00	29.87 0.32 0.00	28.58 0.29 0.00	27.03 0.27 0.00	22.24 0.23 0.00	17.49 0.18 0.00	15.71 0.21 0.00
ALBANY___3 23573	18.01 0.51 0.00	16.90 0.55 0.00	12.68 0.44 0.00	8.73 0.31 0.00	13.22 0.44 0.00	16.55 0.49 0.00	16.10 0.46 0.00	12.60 0.36 0.00	12.29 0.34 0.00	10.65 0.24 0.00	12.25 0.21 0.00	13.40 0.18 0.00	13.72 0.15 0.00	11.79 0.12 0.00	14.75 0.15 0.00	16.99 0.16 0.00	19.41 0.21 0.00	25.19 0.25 0.00	29.87 0.32 0.00	28.58 0.29 0.00	27.03 0.27 0.00	22.24 0.23 0.00	17.49 0.18 0.00	15.71 0.21 0.00
ALBANY___4 23574	18.01 0.51 0.00	16.90 0.55 0.00	12.68 0.44 0.00	8.73 0.31 0.00	13.22 0.44 0.00	16.55 0.49 0.00	16.10 0.46 0.00	12.60 0.36 0.00	12.29 0.34 0.00	10.65 0.24 0.00	12.25 0.21 0.00	13.40 0.18 0.00	13.72 0.15 0.00	11.79 0.12 0.00	14.75 0.15 0.00	16.99 0.16 0.00	19.41 0.21 0.00	25.19 0.25 0.00	29.87 0.32 0.00	28.58 0.29 0.00	27.03 0.27 0.00	22.24 0.23 0.00	17.49 0.18 0.00	15.71 0.21 0.00
ALBANY___LFGE 323615	18.11 0.61 0.00	17.00 0.65 0.00	12.75 0.51 0.00	8.78 0.35 0.00	13.30 0.51 0.00	16.65 0.58 0.00	16.20 0.56 0.00	12.68 0.43 0.00	12.36 0.41 0.00	10.72 0.31 0.00	12.34 0.30 0.00	13.50 0.28 0.00	13.83 0.26 0.00	11.90 0.23 0.00	14.89 0.29 0.00	17.16 0.32 0.00	19.62 0.42 0.00	25.48 0.54 0.00	30.24 0.68 0.00	28.91 0.63 0.00	27.34 0.58 0.00	22.48 0.46 0.00	17.66 0.36 0.00	15.85 0.35 0.00
ALCOA_PA_115KV_PL-6C 55860	10.30 -1.32 5.87	16.10 -0.25 0.00	12.05 -0.20 0.00	8.28 -0.15 0.00	12.57 -0.22 0.00	15.85 -0.21 0.00	15.45 -0.19 0.00	12.09 -0.15 0.00	11.84 -0.11 0.00	10.33 -0.08 0.00	11.96 -0.08 0.00	13.15 -0.08 0.00	13.54 -0.03 0.00	11.59 -0.07 0.00	14.47 -0.13 0.00	16.69 -0.15 0.00	19.05 -0.16 0.00	24.78 -0.16 0.00	29.25 -0.30 0.00	28.14 -0.14 0.00	26.74 -0.02 0.00	22.04 0.03 0.00	17.30 -0.01 0.00	15.38 -0.12 0.00
ALCOA_RYNLDS___DRP 24188	10.30 -1.32 5.87	16.10 -0.25 0.00	12.05 -0.20 0.00	8.28 -0.15 0.00	12.57 -0.22 0.00	15.85 -0.21 0.00	15.45 -0.19 0.00	12.09 -0.15 0.00	11.84 -0.11 0.00	10.33 -0.08 0.00	11.96 -0.08 0.00	13.15 -0.08 0.00	13.54 -0.03 0.00	11.59 -0.07 0.00	14.47 -0.13 0.00	16.69 -0.15 0.00	19.05 -0.16 0.00	24.78 -0.16 0.00	29.25 -0.30 0.00	28.14 -0.14 0.00	26.74 -0.02 0.00	22.04 0.03 0.00	17.30 -0.01 0.00	15.38 -0.12 0.00
ALCOA___DSASP 323711	10.30 -1.32 5.87	16.10 -0.25 0.00	12.05 -0.20 0.00	8.28 -0.15 0.00	12.57 -0.22 0.00	15.85 -0.21 0.00	15.45 -0.19 0.00	12.09 -0.15 0.00	11.84 -0.11 0.00	10.33 -0.08 0.00	11.97 -0.08 0.00	13.15 -0.08 0.00	13.54 -0.03 0.00	11.60 -0.07 0.00	14.47 -0.13 0.00	16.69 -0.15 0.00	19.04 -0.16 0.00	24.78 -0.16 0.00	29.25 -0.30 0.00	28.14 -0.14 0.00	26.74 -0.02 0.00	22.04 0.03 0.00	17.30 0.00 0.00	15.38 -0.12 0.00
ALLEGHENY___COGEN 23514	17.81 0.31 0.00	16.69 0.34 0.00	12.42 0.18 0.00	8.53 0.10 0.00	13.07 0.28 0.00	16.44 0.38 0.00	15.97 0.34 0.00	12.31 0.07 0.00	11.88 -0.07 0.00	10.40 -0.01 0.00	12.05 0.01 0.00	13.30 0.07 0.00	13.63 0.06 0.00	11.70 0.04 0.00	14.67 0.07 0.00	16.95 0.11 0.00	19.27 0.07 0.00	24.96 0.02 0.00	29.72 0.17 0.00	28.47 0.19 0.00	27.14 0.38 0.00	22.43 0.41 0.00	17.63 0.33 0.00	15.64 0.14 0.00
ALTAMONT_115KV_TB 2 55880	18.00 0.50 0.00	16.87 0.52 0.00	12.64 0.41 0.00	8.72 0.28 0.00	13.20 0.42 0.00	16.53 0.47 0.00	16.09 0.45 0.00	12.59 0.35 0.00	12.28 0.32 0.00	10.66 0.25 0.00	12.30 0.25 0.00	13.47 0.25 0.00	13.82 0.24 0.00	11.90 0.23 0.00	14.91 0.31 0.00	17.18 0.34 0.00	19.62 0.42 0.00	25.49 0.55 0.00	30.26 0.71 0.00	28.96 0.67 0.00	27.40 0.64 0.00	22.53 0.51 0.00	17.68 0.38 0.00	15.86 0.35 0.00
ALTONA_WT_PWR 323606	10.32 -1.09 6.10	16.43 0.08 0.00	12.29 0.06 0.00	8.41 -0.02 0.00	12.76 -0.03 0.00	16.04 -0.02 0.00	15.69 0.05 0.00	12.37 0.13 0.00	12.11 0.16 0.00	10.57 0.17 0.00	12.26 0.22 0.00	13.51 0.29 0.00	13.90 0.33 0.00	11.94 0.27 0.00	14.94 0.34 0.00	17.23 0.39 0.00	19.73 0.52 0.00	25.77 0.83 0.00	30.60 1.05 0.00	29.37 1.09 0.00	27.75 0.99 0.00	22.77 0.76 0.00	17.84 0.53 0.00	15.89 0.39 0.00
AMERICAN_REF_FUEL 24010	16.47 -0.78 0.25	15.48 -0.61 0.27	11.53 -0.44 0.26	7.95 -0.32 0.16	12.19 -0.45 0.15	15.35 -0.52 0.19	14.88 -0.60 0.15	11.65 -0.58 0.01	11.37 -0.59 0.00	9.99 -0.41 0.00	11.58 -0.46 0.00	12.81 -0.41 0.00	13.14 -0.43 0.00	11.25 -0.41 0.00	14.11 -0.49 0.00	16.18 -0.66 0.00	18.29 -0.92 0.00	23.67 -1.27 0.00	27.94 -1.61 0.00	26.63 -1.65 0.00	24.79 -1.92 0.05	19.63 -1.47 0.91	15.53 -0.99 0.79	14.31 -0.92 0.27
ARKWRIGHT___SUMMIT_WT_PWR 323751	16.95 -0.23 0.33	15.90 -0.09 0.35	11.93 0.03 0.35	8.22 0.00 0.21	12.75 0.16 0.20	16.02 0.21 0.25	15.59 0.15 0.20	12.26 0.03 0.01	11.91 -0.05 0.00	10.48 0.07 0.00	12.19 0.14 0.00	13.48 0.26 0.00	13.77 0.20 0.00	11.83 0.17 0.00	14.88 0.28 0.00	17.19 0.35 0.00	19.44 0.24 0.00	25.12 0.18 0.00	29.71 0.16 0.00	28.33 0.05 0.00	26.41 -0.28 0.06	20.47 -0.37 1.16	16.00 -0.29 1.01	14.62 -0.53 0.35
ARTHUR KILL_GT_1 23520	18.54 1.04 0.00	17.33 0.98 0.00	12.98 0.74 0.00	8.92 0.49 0.00	13.52 0.73 0.00	16.92 0.86 0.00	16.45 0.81 0.00	12.95 0.70 0.00	12.62 0.67 0.00	11.00 0.59 0.00	12.79 0.74 0.00	14.02 0.79 0.00	14.39 0.82 0.00	12.46 0.79 0.00	15.71 1.11 0.00	18.15 1.31 0.00	20.70 1.50 -0.01	26.88 1.94 0.00	60.51 2.21 -28.74	30.27 1.99 0.00	28.68 1.91 -0.01	23.53 1.51 -0.01	18.44 1.13 0.00	16.45 0.95 0.00
ARTHUR_KILL_2 23512	18.49 0.98 0.00	17.28 0.93 0.00	12.94 0.70 0.00	8.90 0.47 0.00	13.48 0.70 0.00	16.88 0.82 0.00	16.40 0.77 0.00	12.91 0.67 0.00	12.60 0.64 0.00	10.98 0.57 0.00	12.76 0.72 0.00	13.98 0.76 0.00	14.36 0.79 0.00	12.43 0.76 0.00	15.66 1.06 0.00	18.09 1.26 0.00	20.65 1.44 -0.01	26.79 1.86 0.00	60.40 2.11 -28.74	30.16 1.88 0.00	28.58 1.82 -0.01	23.45 1.43 -0.01	18.38 1.07 0.00	16.40 0.90 0.00
ARTHUR_KILL_3 23513	18.45 0.95 0.00	17.25 0.90 0.00	12.92 0.68 0.00	8.89 0.46 0.00	13.48 0.69 0.00	16.86 0.79 0.00	16.39 0.76 0.00	12.91 0.66 0.00	12.59 0.63 0.00	10.98 0.58 0.00	12.77 0.73 0.00	14.03 0.81 0.00	14.41 0.84 0.00	12.47 0.81 0.00	15.70 1.10 0.00	18.14 1.30 0.00	20.69 1.49 0.00	26.81 1.87 0.00	53.62 2.17 -21.90	30.14 1.85 0.00	28.54 1.77 0.00	23.38 1.37 0.00	18.34 1.03 0.00	16.37 0.87 0.00

ARTHUR_KILL_COGEN 323718	18.54 1.04 0.00	17.33 0.98 0.00	12.98 0.74 0.00	8.92 0.49 0.00	13.52 0.73 0.00	16.92 0.86 0.00	16.45 0.81 0.00	12.95 0.70 0.00	12.62 0.67 0.00	11.00 0.59 0.00	12.79 0.74 0.00	14.02 0.79 0.00	14.39 0.82 0.00	12.46 0.79 0.00	15.71 1.11 0.00	18.15 1.31 0.00	20.70 1.50 -0.01	26.88 1.94 0.00	60.51 2.21 -28.74	30.27 1.99 0.00	28.68 1.91 -0.01	23.53 1.51 -0.01	18.44 1.13 0.00	16.45 0.95 0.00
ASHOKAN____ 23654	18.30 0.79 0.00	17.13 0.78 0.00	12.84 0.59 0.00	8.84 0.41 0.00	13.38 0.59 0.00	16.76 0.70 0.00	16.32 0.68 0.00	12.76 0.52 0.00	12.41 0.46 0.00	10.74 0.33 0.00	12.36 0.32 0.00	13.52 0.29 0.00	13.87 0.30 0.00	11.96 0.30 0.00	15.02 0.42 0.00	17.36 0.53 0.00	19.90 0.70 0.00	25.98 1.04 0.00	30.99 1.44 0.00	29.78 1.50 0.00	28.19 1.43 0.00	23.12 1.11 0.00	18.09 0.79 0.00	16.17 0.67 0.00
ASTORIA_EAST_ENERGY_CC1 323581	18.57 1.07 0.00	17.35 1.01 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.93 0.87 0.00	16.44 0.80 0.00	12.95 0.71 0.00	12.62 0.67 0.00	11.00 0.60 0.00	12.79 0.75 0.00	14.07 0.84 0.00	14.46 0.89 0.00	12.51 0.84 0.00	15.77 1.17 0.00	18.21 1.37 0.00	20.77 1.57 0.00	26.93 1.99 0.00	31.86 2.31 0.00	30.24 1.95 0.00	28.71 1.95 0.00	23.52 1.51 0.00	18.44 1.14 0.00	16.45 0.95 0.00
ASTORIA_EAST_ENERGY_CC2 323582	18.57 1.07 0.00	17.35 1.01 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.93 0.87 0.00	16.44 0.80 0.00	12.95 0.71 0.00	12.62 0.67 0.00	11.00 0.60 0.00	12.79 0.75 0.00	14.07 0.84 0.00	14.46 0.89 0.00	12.51 0.84 0.00	15.77 1.17 0.00	18.21 1.37 0.00	20.77 1.57 0.00	26.93 1.99 0.00	31.86 2.31 0.00	30.24 1.95 0.00	28.71 1.95 0.00	23.52 1.51 0.00	18.44 1.14 0.00	16.45 0.95 0.00
ASTORIA_GT2_1 24094	18.57 1.07 0.00	17.36 1.01 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.77 0.00	16.94 0.88 0.00	16.44 0.81 0.00	12.96 0.72 0.00	12.63 0.68 0.00	11.02 0.61 0.00	12.80 0.76 0.00	14.07 0.85 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.78 1.18 0.00	18.22 1.38 0.00	20.79 1.59 0.00	26.94 2.00 0.00	31.88 2.33 0.00	30.25 1.97 0.00	28.71 1.96 0.00	23.53 1.52 0.00	18.45 1.15 0.00	16.46 0.96 0.00
ASTORIA_GT2_2 24095	18.57 1.07 0.00	17.36 1.01 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.77 0.00	16.94 0.88 0.00	16.44 0.81 0.00	12.96 0.72 0.00	12.63 0.68 0.00	11.02 0.61 0.00	12.80 0.76 0.00	14.07 0.85 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.78 1.18 0.00	18.22 1.38 0.00	20.79 1.59 0.00	26.94 2.00 0.00	31.88 2.33 0.00	30.25 1.97 0.00	28.71 1.96 0.00	23.53 1.52 0.00	18.45 1.15 0.00	16.46 0.96 0.00
ASTORIA_GT2_3 24096	18.57 1.07 0.00	17.36 1.01 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.77 0.00	16.94 0.88 0.00	16.44 0.81 0.00	12.96 0.72 0.00	12.63 0.68 0.00	11.02 0.61 0.00	12.80 0.76 0.00	14.07 0.85 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.78 1.18 0.00	18.22 1.38 0.00	20.79 1.59 0.00	26.94 2.00 0.00	31.88 2.33 0.00	30.25 1.97 0.00	28.71 1.96 0.00	23.53 1.52 0.00	18.45 1.15 0.00	16.46 0.96 0.00
ASTORIA_GT2_4 24097	18.57 1.07 0.00	17.36 1.01 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.77 0.00	16.94 0.88 0.00	16.44 0.81 0.00	12.96 0.72 0.00	12.63 0.68 0.00	11.02 0.61 0.00	12.80 0.76 0.00	14.07 0.85 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.78 1.18 0.00	18.22 1.38 0.00	20.79 1.59 0.00	26.94 2.00 0.00	31.88 2.33 0.00	30.25 1.97 0.00	28.71 1.96 0.00	23.53 1.52 0.00	18.45 1.15 0.00	16.46 0.96 0.00
ASTORIA_GT3_1 24098	18.57 1.07 0.00	17.36 1.01 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.77 0.00	16.94 0.88 0.00	16.44 0.81 0.00	12.96 0.72 0.00	12.63 0.68 0.00	11.02 0.61 0.00	12.80 0.76 0.00	14.07 0.85 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.78 1.18 0.00	18.22 1.38 0.00	20.79 1.59 0.00	26.94 2.00 0.00	31.88 2.33 0.00	30.25 1.97 0.00	28.71 1.96 0.00	23.53 1.52 0.00	18.45 1.15 0.00	16.46 0.96 0.00
ASTORIA_GT3_2 24099	18.57 1.07 0.00	17.36 1.01 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.77 0.00	16.94 0.88 0.00	16.44 0.81 0.00	12.96 0.72 0.00	12.63 0.68 0.00	11.02 0.61 0.00	12.80 0.76 0.00	14.07 0.85 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.78 1.18 0.00	18.22 1.38 0.00	20.79 1.59 0.00	26.94 2.00 0.00	31.88 2.33 0.00	30.25 1.97 0.00	28.71 1.96 0.00	23.53 1.52 0.00	18.45 1.15 0.00	16.46 0.96 0.00
ASTORIA_GT3_3 24100	18.57 1.07 0.00	17.36 1.01 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.77 0.00	16.94 0.88 0.00	16.44 0.81 0.00	12.96 0.72 0.00	12.63 0.68 0.00	11.02 0.61 0.00	12.80 0.76 0.00	14.07 0.85 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.78 1.18 0.00	18.22 1.38 0.00	20.79 1.59 0.00	26.94 2.00 0.00	31.88 2.33 0.00	30.25 1.97 0.00	28.71 1.96 0.00	23.53 1.52 0.00	18.45 1.15 0.00	16.46 0.96 0.00
ASTORIA_GT3_4 24101	18.57 1.07 0.00	17.36 1.01 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.77 0.00	16.94 0.88 0.00	16.44 0.81 0.00	12.96 0.72 0.00	12.63 0.68 0.00	11.02 0.61 0.00	12.80 0.76 0.00	14.07 0.85 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.78 1.18 0.00	18.22 1.38 0.00	20.79 1.59 0.00	26.94 2.00 0.00	31.88 2.33 0.00	30.25 1.97 0.00	28.71 1.96 0.00	23.53 1.52 0.00	18.45 1.15 0.00	16.46 0.96 0.00
ASTORIA_GT4_1 24102	18.57 1.07 0.00	17.36 1.01 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.77 0.00	16.94 0.88 0.00	16.44 0.81 0.00	12.96 0.72 0.00	12.63 0.68 0.00	11.02 0.61 0.00	12.80 0.76 0.00	14.07 0.85 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.78 1.18 0.00	18.22 1.38 0.00	20.79 1.59 0.00	26.94 2.00 0.00	31.88 2.33 0.00	30.25 1.97 0.00	28.71 1.96 0.00	23.53 1.52 0.00	18.45 1.15 0.00	16.46 0.96 0.00
ASTORIA_GT4_2 24103	18.57 1.07 0.00	17.36 1.01 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.77 0.00	16.94 0.88 0.00	16.44 0.81 0.00	12.96 0.72 0.00	12.63 0.68 0.00	11.02 0.61 0.00	12.80 0.76 0.00	14.07 0.85 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.78 1.18 0.00	18.22 1.38 0.00	20.79 1.59 0.00	26.94 2.00 0.00	31.88 2.33 0.00	30.25 1.97 0.00	28.71 1.96 0.00	23.53 1.52 0.00	18.45 1.15 0.00	16.46 0.96 0.00
ASTORIA_GT4_3 24104	18.57 1.07 0.00	17.36 1.01 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.77 0.00	16.94 0.88 0.00	16.44 0.81 0.00	12.96 0.72 0.00	12.63 0.68 0.00	11.02 0.61 0.00	12.80 0.76 0.00	14.07 0.85 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.78 1.18 0.00	18.22 1.38 0.00	20.79 1.59 0.00	26.94 2.00 0.00	31.88 2.33 0.00	30.25 1.97 0.00	28.71 1.96 0.00	23.53 1.52 0.00	18.45 1.15 0.00	16.46 0.96 0.00

ASTORIA_GT4_4 24105	18.57 1.07 0.00	17.36 1.01 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.77 0.00	16.94 0.88 0.00	16.44 0.81 0.00	12.96 0.72 0.00	12.63 0.68 0.00	11.02 0.61 0.00	12.80 0.76 0.00	14.07 0.85 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.78 1.18 0.00	18.22 1.38 0.00	20.79 1.59 0.00	26.94 2.00 0.00	31.88 2.33 0.00	30.25 1.97 0.00	28.71 1.96 0.00	23.53 1.52 0.00	18.45 1.15 0.00	16.46 0.96 0.00
ASTORIA_GT_1 23523	18.61 1.12 0.00	17.39 1.04 0.00	13.02 0.78 0.00	8.95 0.52 0.00	13.57 0.79 0.00	16.97 0.91 0.00	16.47 0.83 0.00	12.98 0.73 0.00	12.65 0.70 0.00	11.04 0.63 0.00	12.83 0.79 0.00	14.10 0.88 0.00	14.50 0.93 0.00	12.54 0.88 0.00	15.81 1.21 0.00	18.25 1.42 0.00	20.83 1.63 0.00	27.00 2.06 0.00	31.94 2.39 0.00	30.32 2.03 0.00	28.78 2.02 0.00	23.58 1.57 0.00	18.48 1.18 0.00	16.49 0.99 0.00
ASTORIA_GT_10 24110	18.51 1.01 0.00	17.30 0.95 0.00	12.98 0.73 0.00	8.93 0.50 0.00	13.52 0.74 0.00	16.91 0.85 0.00	16.44 0.80 0.00	12.95 0.71 0.00	12.64 0.68 0.00	11.03 0.62 0.00	12.83 0.79 0.00	14.09 0.87 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.77 1.17 0.00	18.19 1.35 0.00	20.74 1.54 0.00	26.90 1.96 0.00	31.81 2.26 0.00	30.22 1.93 0.00	28.64 1.88 0.00	23.47 1.46 0.00	18.40 1.09 0.00	16.43 0.93 0.00
ASTORIA_GT_11 24225	18.51 1.01 0.00	17.30 0.95 0.00	12.98 0.73 0.00	8.93 0.50 0.00	13.52 0.74 0.00	16.91 0.85 0.00	16.44 0.80 0.00	12.95 0.71 0.00	12.64 0.68 0.00	11.03 0.62 0.00	12.83 0.79 0.00	14.09 0.87 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.77 1.17 0.00	18.19 1.35 0.00	20.74 1.54 0.00	26.90 1.96 0.00	31.81 2.26 0.00	30.22 1.93 0.00	28.64 1.88 0.00	23.47 1.46 0.00	18.40 1.09 0.00	16.43 0.93 0.00
ASTORIA_GT_12 24226	18.51 1.01 0.00	17.30 0.95 0.00	12.98 0.73 0.00	8.93 0.50 0.00	13.52 0.74 0.00	16.91 0.85 0.00	16.44 0.80 0.00	12.95 0.71 0.00	12.64 0.68 0.00	11.03 0.62 0.00	12.83 0.79 0.00	14.09 0.87 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.77 1.17 0.00	18.19 1.35 0.00	20.74 1.54 0.00	26.90 1.96 0.00	31.81 2.26 0.00	30.22 1.93 0.00	28.64 1.88 0.00	23.47 1.46 0.00	18.40 1.09 0.00	16.43 0.93 0.00
ASTORIA_GT_13 24227	18.51 1.01 0.00	17.30 0.95 0.00	12.98 0.73 0.00	8.93 0.50 0.00	13.52 0.74 0.00	16.91 0.85 0.00	16.44 0.80 0.00	12.95 0.71 0.00	12.64 0.68 0.00	11.03 0.62 0.00	12.83 0.79 0.00	14.09 0.87 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.77 1.17 0.00	18.19 1.35 0.00	20.74 1.54 0.00	26.90 1.96 0.00	31.81 2.26 0.00	30.22 1.93 0.00	28.64 1.88 0.00	23.47 1.46 0.00	18.40 1.09 0.00	16.43 0.93 0.00
ASTORIA_GT_5 24106	18.60 1.10 0.00	17.39 1.04 0.00	13.02 0.78 0.00	8.95 0.52 0.00	13.57 0.79 0.00	16.97 0.91 0.00	16.47 0.83 0.00	12.98 0.73 0.00	12.65 0.70 0.00	11.04 0.63 0.00	12.83 0.79 0.00	14.10 0.88 0.00	14.50 0.93 0.00	12.54 0.88 0.00	15.81 1.21 0.00	18.26 1.42 0.00	20.83 1.63 0.00	27.00 2.06 0.00	31.94 2.39 0.00	30.32 2.03 0.00	28.78 2.02 0.00	23.58 1.57 0.00	18.49 1.18 0.00	16.49 0.99 0.00
ASTORIA_GT_7 24107	18.60 1.10 0.00	17.39 1.04 0.00	13.02 0.78 0.00	8.95 0.52 0.00	13.57 0.79 0.00	16.97 0.91 0.00	16.47 0.83 0.00	12.98 0.73 0.00	12.65 0.70 0.00	11.04 0.63 0.00	12.83 0.79 0.00	14.10 0.88 0.00	14.50 0.93 0.00	12.54 0.88 0.00	15.81 1.21 0.00	18.26 1.42 0.00	20.83 1.63 0.00	27.00 2.06 0.00	31.94 2.39 0.00	30.32 2.03 0.00	28.78 2.02 0.00	23.58 1.57 0.00	18.49 1.18 0.00	16.49 0.99 0.00
ASTORIA_GT_8 24108	18.60 1.10 0.00	17.39 1.04 0.00	13.02 0.78 0.00	8.95 0.52 0.00	13.57 0.79 0.00	16.97 0.91 0.00	16.47 0.83 0.00	12.98 0.73 0.00	12.65 0.70 0.00	11.04 0.63 0.00	12.83 0.79 0.00	14.10 0.88 0.00	14.50 0.93 0.00	12.54 0.88 0.00	15.81 1.21 0.00	18.26 1.42 0.00	20.83 1.63 0.00	27.00 2.06 0.00	31.94 2.39 0.00	30.32 2.03 0.00	28.78 2.02 0.00	23.58 1.57 0.00	18.49 1.18 0.00	16.49 0.99 0.00
ASTORIA___2 24149	18.58 1.08 0.00	17.36 1.01 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.77 0.00	16.94 0.88 0.00	16.44 0.80 0.00	12.96 0.71 0.00	12.63 0.68 0.00	11.01 0.61 0.00	12.81 0.76 0.00	14.07 0.85 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.78 1.18 0.00	18.22 1.38 0.00	20.79 1.59 0.00	26.94 2.00 0.00	31.87 2.33 0.00	30.25 1.97 0.00	28.72 1.96 0.00	23.53 1.52 0.00	18.45 1.14 0.00	16.46 0.96 0.00
ASTORIA___3 23516	18.52 1.01 0.00	17.31 0.95 0.00	12.98 0.73 0.00	8.93 0.50 0.00	13.52 0.74 0.00	16.91 0.85 0.00	16.44 0.80 0.00	12.95 0.71 0.00	12.64 0.68 0.00	11.03 0.62 0.00	12.83 0.79 0.00	14.09 0.87 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.77 1.17 0.00	18.19 1.35 0.00	20.74 1.54 0.00	26.90 1.96 0.00	31.81 2.26 0.00	30.21 1.93 0.00	28.64 1.88 0.00	23.47 1.46 0.00	18.40 1.09 0.00	16.43 0.93 0.00
ASTORIA___4 23517	18.51 1.01 0.00	17.30 0.95 0.00	12.98 0.73 0.00	8.93 0.50 0.00	13.52 0.74 0.00	16.91 0.85 0.00	16.44 0.80 0.00	12.95 0.71 0.00	12.64 0.68 0.00	11.03 0.62 0.00	12.83 0.79 0.00	14.09 0.87 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.77 1.17 0.00	18.19 1.35 0.00	20.74 1.54 0.00	26.90 1.96 0.00	31.81 2.26 0.00	30.22 1.93 0.00	28.64 1.88 0.00	23.47 1.46 0.00	18.40 1.09 0.00	16.43 0.93 0.00
ASTORIA___5 23518	18.52 1.01 0.00	17.31 0.95 0.00	12.98 0.73 0.00	8.93 0.50 0.00	13.52 0.74 0.00	16.91 0.85 0.00	16.44 0.80 0.00	12.95 0.71 0.00	12.64 0.68 0.00	11.03 0.62 0.00	12.83 0.79 0.00	14.09 0.87 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.77 1.17 0.00	18.19 1.35 0.00	20.74 1.54 0.00	26.90 1.96 0.00	31.81 2.26 0.00	30.21 1.93 0.00	28.64 1.88 0.00	23.47 1.46 0.00	18.40 1.09 0.00	16.43 0.93 0.00
AST_ENERGY_2_CC3 323677	18.47 0.96 0.00	17.25 0.90 0.00	12.93 0.69 0.00	8.90 0.47 0.00	13.49 0.70 0.00	16.87 0.81 0.00	16.40 0.76 0.00	12.91 0.67 0.00	12.60 0.64 0.00	10.99 0.58 0.00	12.79 0.75 0.00	14.05 0.83 0.00	14.43 0.86 0.00	12.48 0.82 0.00	15.72 1.12 0.00	18.15 1.31 0.00	20.69 1.49 0.00	26.83 1.89 0.00	31.71 2.16 0.00	30.12 1.84 0.00	28.53 1.77 0.00	23.40 1.38 0.00	18.35 1.04 0.00	16.37 0.87 0.00
AST_ENERGY_2_CC4 323678	18.47 0.96 0.00	17.25 0.90 0.00	12.93 0.69 0.00	8.90 0.47 0.00	13.49 0.70 0.00	16.87 0.81 0.00	16.40 0.76 0.00	12.91 0.67 0.00	12.60 0.64 0.00	10.99 0.58 0.00	12.79 0.75 0.00	14.05 0.83 0.00	14.43 0.86 0.00	12.48 0.82 0.00	15.72 1.12 0.00	18.15 1.31 0.00	20.69 1.49 0.00	26.83 1.89 0.00	31.71 2.16 0.00	30.12 1.84 0.00	28.53 1.77 0.00	23.40 1.38 0.00	18.35 1.04 0.00	16.37 0.87 0.00

ATHENS_STG_1 23668	18.04 0.54 0.00	16.89 0.54 0.00	12.66 0.43 0.00	8.73 0.31 0.00	13.22 0.44 0.00	16.56 0.49 0.00	16.11 0.47 0.00	12.64 0.40 0.00	12.33 0.38 0.00	10.73 0.31 0.00	12.41 0.37 0.00	13.61 0.39 0.00	13.96 0.39 0.00	12.04 0.38 0.00	15.11 0.51 0.00	17.43 0.59 0.00	19.88 0.68 0.00	25.81 0.88 0.00	30.60 1.05 0.00	29.21 0.93 0.00	27.63 0.87 0.00	22.70 0.69 0.00	17.81 0.51 0.00	15.95 0.45 0.00
ATHENS_STG_2 23670	18.04 0.54 0.00	16.89 0.54 0.00	12.66 0.43 0.00	8.73 0.31 0.00	13.22 0.44 0.00	16.56 0.49 0.00	16.11 0.47 0.00	12.64 0.40 0.00	12.33 0.38 0.00	10.73 0.31 0.00	12.41 0.37 0.00	13.61 0.39 0.00	13.96 0.39 0.00	12.04 0.38 0.00	15.11 0.51 0.00	17.43 0.59 0.00	19.88 0.68 0.00	25.81 0.88 0.00	30.60 1.05 0.00	29.21 0.93 0.00	27.63 0.87 0.00	22.70 0.69 0.00	17.81 0.51 0.00	15.95 0.45 0.00
ATHENS_STG_3 23677	18.04 0.54 0.00	16.89 0.54 0.00	12.66 0.43 0.00	8.73 0.31 0.00	13.22 0.44 0.00	16.56 0.49 0.00	16.11 0.47 0.00	12.64 0.40 0.00	12.33 0.38 0.00	10.73 0.31 0.00	12.41 0.37 0.00	13.61 0.39 0.00	13.96 0.39 0.00	12.04 0.38 0.00	15.11 0.51 0.00	17.43 0.59 0.00	19.88 0.68 0.00	25.81 0.88 0.00	30.60 1.05 0.00	29.21 0.93 0.00	27.63 0.87 0.00	22.70 0.69 0.00	17.81 0.51 0.00	15.95 0.45 0.00
AUBURN___LFGE 323710	17.58 0.08 0.00	16.40 0.05 0.00	12.28 0.05 0.00	8.47 0.04 0.00	12.88 0.09 0.00	16.19 0.13 0.00	15.77 0.14 0.00	12.28 0.04 0.00	11.98 0.03 0.00	10.39 -0.01 0.00	12.02 -0.02 0.00	13.24 0.02 0.00	13.58 0.01 0.00	11.62 -0.05 0.00	14.52 -0.08 0.00	16.78 -0.06 0.00	19.19 -0.01 0.00	24.97 0.03 0.00	29.70 0.15 0.00	28.44 0.15 0.00	26.81 0.05 0.00	22.04 0.03 0.00	17.35 0.05 0.00	15.55 0.05 0.00
BABYLON_RES_REC 323704	18.92 1.42 0.00	17.59 1.24 0.00	13.17 0.93 0.00	9.08 0.65 0.00	13.75 0.97 0.00	21.99 1.17 -4.76	16.59 0.95 0.00	13.16 0.92 0.00	12.70 0.75 0.00	11.13 0.72 0.00	12.96 0.92 0.00	14.22 1.00 0.00	14.68 1.11 0.00	14.81 1.06 -2.09	25.92 1.43 -9.89	25.75 1.65 -7.25	31.55 1.84 -10.51	72.91 2.43 -45.55	64.94 2.80 -32.59	42.27 2.41 -11.58	36.43 2.34 -7.33	28.10 1.95 -4.14	18.76 1.46 0.00	16.74 1.24 0.00
BABYLON__69_KV_BK2 356345	19.13 1.63 0.00	17.78 1.43 0.00	13.30 1.06 0.00	9.18 0.75 0.00	13.89 1.11 0.00	30.52 1.37 -13.09	16.72 1.09 0.00	13.31 1.07 0.00	12.84 0.89 0.00	11.25 0.84 0.00	13.10 1.06 0.00	14.38 1.16 0.00	14.86 1.29 0.00	14.97 1.22 -2.09	26.14 1.66 -9.89	26.02 1.93 -7.25	31.84 2.13 -10.51	97.17 2.81 -69.42	91.98 3.18 -59.24	61.53 2.72 -30.53	36.76 2.68 -7.32	28.41 2.26 -4.14	19.00 1.70 0.00	16.94 1.44 0.00
BALL_HILL_WT_PWR 323825	16.95 -0.26 0.30	15.91 -0.12 0.32	11.85 -0.07 0.32	8.17 -0.07 0.19	12.62 0.01 0.18	15.85 0.02 0.23	15.42 -0.04 0.18	12.11 -0.12 0.01	11.79 -0.17 0.00	10.36 -0.05 0.00	12.03 -0.01 0.00	13.31 0.09 0.00	13.61 0.04 0.00	11.68 0.01 0.00	14.67 0.07 0.00	16.91 0.07 0.00	19.14 -0.07 0.00	24.73 -0.21 0.00	29.23 -0.32 0.00	27.85 -0.43 0.00	25.98 -0.72 0.06	20.34 -0.59 1.08	15.99 -0.37 0.94	14.69 -0.48 0.33
BARON_WINDS___WT_PWR 323822	17.52 -0.23 -0.25	16.44 -0.18 -0.27	12.27 -0.23 -0.26	8.42 -0.17 -0.16	12.87 -0.07 -0.15	16.16 -0.09 -0.19	15.72 -0.07 -0.15	12.19 -0.07 -0.01	11.85 -0.10 0.00	10.37 -0.04 0.00	12.03 -0.01 0.00	13.25 0.03 0.00	13.56 -0.01 0.00	11.66 -0.01 0.00	14.61 0.01 0.00	16.90 0.06 0.00	19.18 -0.02 0.00	24.83 -0.11 0.00	29.43 -0.11 0.00	28.08 -0.20 0.00	26.45 -0.36 -0.05	22.57 -0.36 -0.92	17.82 -0.29 -0.80	15.37 -0.40 -0.28
BARRETT_IC_1 23704	18.70 1.20 0.00	17.41 1.06 0.00	13.04 0.79 0.00	8.98 0.56 0.00	13.61 0.82 0.00	17.04 0.98 0.00	16.43 0.80 0.00	12.99 0.74 0.00	12.57 0.62 0.00	11.03 0.62 0.00	12.88 0.83 0.00	14.14 0.91 0.00	14.57 1.00 0.00	14.71 0.95 -2.09	25.78 1.29 -9.89	25.59 1.49 -7.26	31.35 1.63 -10.51	58.90 2.04 -31.92	49.27 2.36 -17.36	31.06 2.01 -0.76	36.02 1.93 -7.33	27.71 1.56 -4.14	18.50 1.19 0.00	16.54 1.03 0.00
BARRETT_IC_10 23701	18.70 1.20 0.00	17.41 1.06 0.00	13.04 0.79 0.00	8.98 0.56 0.00	13.61 0.82 0.00	17.04 0.98 0.00	16.43 0.80 0.00	12.99 0.74 0.00	12.57 0.62 0.00	11.03 0.62 0.00	12.88 0.83 0.00	14.14 0.91 0.00	14.57 1.00 0.00	14.71 0.95 -2.09	25.78 1.29 -9.89	25.59 1.49 -7.26	31.35 1.63 -10.51	58.90 2.04 -31.92	49.27 2.36 -17.36	31.06 2.01 -0.76	36.02 1.93 -7.33	27.71 1.56 -4.14	18.50 1.19 0.00	16.54 1.03 0.00
BARRETT_IC_11 23702	18.70 1.20 0.00	17.41 1.06 0.00	13.04 0.79 0.00	8.98 0.56 0.00	13.61 0.82 0.00	17.04 0.98 0.00	16.43 0.80 0.00	12.99 0.74 0.00	12.57 0.62 0.00	11.03 0.62 0.00	12.88 0.83 0.00	14.14 0.91 0.00	14.57 1.00 0.00	14.71 0.95 -2.09	25.78 1.29 -9.89	25.59 1.49 -7.26	31.35 1.63 -10.51	58.90 2.04 -31.92	49.27 2.36 -17.36	31.06 2.01 -0.76	36.02 1.93 -7.33	27.71 1.56 -4.14	18.50 1.19 0.00	16.54 1.03 0.00
BARRETT_IC_12 23703	18.70 1.20 0.00	17.41 1.06 0.00	13.04 0.79 0.00	8.98 0.56 0.00	13.61 0.82 0.00	17.04 0.98 0.00	16.43 0.80 0.00	12.99 0.74 0.00	12.57 0.62 0.00	11.03 0.62 0.00	12.88 0.83 0.00	14.14 0.91 0.00	14.57 1.00 0.00	14.71 0.95 -2.09	25.78 1.29 -9.89	25.59 1.49 -7.26	31.35 1.63 -10.51	58.90 2.04 -31.92	49.27 2.36 -17.36	31.06 2.01 -0.76	36.02 1.93 -7.33	27.71 1.56 -4.14	18.50 1.19 0.00	16.54 1.03 0.00
BARRETT_IC_2 23705	18.70 1.20 0.00	17.41 1.06 0.00	13.04 0.79 0.00	8.98 0.56 0.00	13.61 0.82 0.00	17.04 0.98 0.00	16.43 0.80 0.00	12.99 0.74 0.00	12.57 0.62 0.00	11.03 0.62 0.00	12.88 0.83 0.00	14.14 0.91 0.00	14.57 1.00 0.00	14.71 0.95 -2.09	25.78 1.29 -9.89	25.59 1.49 -7.26	31.35 1.63 -10.51	58.90 2.04 -31.92	49.27 2.36 -17.36	31.06 2.01 -0.76	36.02 1.93 -7.33	27.71 1.56 -4.14	18.50 1.19 0.00	16.54 1.03 0.00
BARRETT_IC_3 23706	18.70 1.20 0.00	17.41 1.06 0.00	13.04 0.79 0.00	8.98 0.56 0.00	13.61 0.82 0.00	17.04 0.98 0.00	16.43 0.80 0.00	12.99 0.74 0.00	12.57 0.62 0.00	11.03 0.62 0.00	12.88 0.83 0.00	14.14 0.91 0.00	14.57 1.00 0.00	14.71 0.95 -2.09	25.78 1.29 -9.89	25.59 1.49 -7.26	31.35 1.63 -10.51	58.90 2.04 -31.92	49.27 2.36 -17.36	31.06 2.01 -0.76	36.02 1.93 -7.33	27.71 1.56 -4.14	18.50 1.19 0.00	16.54 1.03 0.00
BARRETT_IC_4 23707	18.70 1.20 0.00	17.41 1.06 0.00	13.04 0.79 0.00	8.98 0.56 0.00	13.61 0.82 0.00	17.04 0.98 0.00	16.43 0.80 0.00	12.99 0.74 0.00	12.57 0.62 0.00	11.03 0.62 0.00	12.88 0.83 0.00	14.14 0.91 0.00	14.57 1.00 0.00	14.71 0.95 -2.09	25.78 1.29 -9.89	25.59 1.49 -7.26	31.35 1.63 -10.51	58.90 2.04 -31.92	49.27 2.36 -17.36	31.06 2.01 -0.76	36.02 1.93 -7.33	27.71 1.56 -4.14	18.50 1.19 0.00	16.54 1.03 0.00

BARRETT_IC_5 23708	18.70 1.20 0.00	17.41 1.06 0.00	13.04 0.79 0.00	8.98 0.56 0.00	13.61 0.82 0.00	17.04 0.98 0.00	16.43 0.80 0.00	12.99 0.74 0.00	12.57 0.62 0.00	11.03 0.62 0.00	12.88 0.83 0.00	14.14 0.91 0.00	14.57 1.00 0.00	14.71 0.95 -2.09	25.78 1.29 -9.89	25.59 1.49 -7.26	31.35 1.63 -10.51	58.90 2.04 -31.92	49.27 2.36 -17.36	31.06 2.01 -0.76	36.02 1.93 -7.33	27.71 1.56 -4.14	18.50 1.19 0.00	16.54 1.03 0.00
BARRETT_IC_6 23709	18.70 1.20 0.00	17.41 1.06 0.00	13.04 0.79 0.00	8.98 0.56 0.00	13.61 0.82 0.00	17.04 0.98 0.00	16.43 0.80 0.00	12.99 0.74 0.00	12.57 0.62 0.00	11.03 0.62 0.00	12.88 0.83 0.00	14.14 0.91 0.00	14.57 1.00 0.00	14.71 0.95 -2.09	25.78 1.29 -9.89	25.59 1.49 -7.26	31.35 1.63 -10.51	58.90 2.04 -31.92	49.27 2.36 -17.36	31.06 2.01 -0.76	36.02 1.93 -7.33	27.71 1.56 -4.14	18.50 1.19 0.00	16.54 1.03 0.00
BARRETT_IC_7 23710	18.70 1.19 0.00	17.41 1.06 0.00	13.04 0.79 0.00	8.99 0.56 0.00	13.61 0.82 0.00	17.04 0.98 0.00	16.43 0.80 0.00	12.99 0.74 0.00	12.57 0.62 0.00	11.03 0.62 0.00	12.87 0.83 0.00	14.14 0.91 0.00	14.57 1.00 0.00	14.71 0.95 -2.09	25.78 1.29 -9.89	25.59 1.49 -7.26	31.34 1.63 -10.51	58.90 2.04 -31.92	49.27 2.36 -17.36	31.05 2.01 -0.76	36.02 1.94 -7.32	27.70 1.56 -4.14	18.50 1.19 0.00	16.54 1.03 0.00
BARRETT_IC_8 23711	18.70 1.20 0.00	17.41 1.06 0.00	13.04 0.79 0.00	8.98 0.56 0.00	13.61 0.82 0.00	17.04 0.98 0.00	16.43 0.80 0.00	12.99 0.74 0.00	12.57 0.62 0.00	11.03 0.62 0.00	12.88 0.83 0.00	14.14 0.91 0.00	14.57 1.00 0.00	14.71 0.95 -2.09	25.78 1.29 -9.89	25.59 1.49 -7.26	31.35 1.63 -10.51	58.90 2.04 -31.92	49.27 2.36 -17.36	31.06 2.01 -0.76	36.02 1.93 -7.33	27.71 1.56 -4.14	18.50 1.19 0.00	16.54 1.03 0.00
BARRETT_IC_9 23700	18.70 1.20 0.00	17.41 1.06 0.00	13.04 0.79 0.00	8.98 0.56 0.00	13.61 0.82 0.00	17.04 0.98 0.00	16.43 0.80 0.00	12.99 0.74 0.00	12.57 0.62 0.00	11.03 0.62 0.00	12.88 0.83 0.00	14.14 0.91 0.00	14.57 1.00 0.00	14.71 0.95 -2.09	25.78 1.29 -9.89	25.59 1.49 -7.26	31.35 1.63 -10.51	58.90 2.04 -31.92	49.27 2.36 -17.36	31.06 2.01 -0.76	36.02 1.93 -7.33	27.71 1.56 -4.14	18.50 1.19 0.00	16.54 1.03 0.00
BARRETT___1 23545	18.70 1.20 0.00	17.41 1.06 0.00	13.04 0.79 0.00	8.98 0.56 0.00	13.61 0.82 0.00	17.04 0.98 0.00	16.43 0.80 0.00	12.99 0.74 0.00	12.57 0.62 0.00	11.03 0.62 0.00	12.88 0.83 0.00	14.14 0.91 0.00	14.57 1.00 0.00	14.71 0.95 -2.09	25.78 1.29 -9.89	25.59 1.49 -7.26	31.35 1.63 -10.51	58.90 2.04 -31.92	49.27 2.36 -17.36	31.06 2.01 -0.76	36.02 1.93 -7.33	27.71 1.56 -4.14	18.50 1.19 0.00	16.54 1.03 0.00
BARRETT___2 23546	18.70 1.20 0.00	17.41 1.06 0.00	13.04 0.79 0.00	8.98 0.56 0.00	13.61 0.82 0.00	17.04 0.98 0.00	16.43 0.80 0.00	12.99 0.74 0.00	12.57 0.62 0.00	11.03 0.62 0.00	12.88 0.83 0.00	14.14 0.91 0.00	14.57 1.00 0.00	14.71 0.95 -2.09	25.78 1.29 -9.89	25.59 1.49 -7.26	31.35 1.63 -10.51	58.90 2.04 -31.92	49.27 2.36 -17.36	31.06 2.01 -0.76	36.02 1.93 -7.33	27.71 1.56 -4.14	18.50 1.19 0.00	16.54 1.03 0.00
BATAVIA__115KV_TB1 55881	17.38 -0.12 0.00	16.33 -0.02 0.00	12.22 -0.02 0.00	8.40 -0.03 0.00	12.79 0.00 0.00	16.10 0.04 0.00	15.58 -0.05 0.00	12.08 -0.17 0.00	11.75 -0.20 0.00	10.29 -0.12 0.00	11.89 -0.15 0.00	13.14 -0.08 0.00	13.48 -0.09 0.00	11.56 -0.10 0.00	14.51 -0.09 0.00	16.73 -0.11 0.00	18.98 -0.22 0.00	24.78 -0.16 0.00	29.29 -0.25 0.00	27.94 -0.34 0.00	26.19 -0.57 0.00	21.62 -0.39 0.00	17.09 -0.22 0.00	15.23 -0.27 0.00
BAYONEEC___CTG1 323682	18.50 0.99 0.00	17.28 0.93 0.00	12.95 0.71 0.00	8.91 0.48 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.66 0.00	11.01 0.60 0.00	12.80 0.76 0.00	14.07 0.85 0.00	14.45 0.88 0.00	12.50 0.84 0.00	15.74 1.14 0.00	18.17 1.33 0.00	20.73 1.53 0.00	26.87 1.93 0.00	31.77 2.22 0.00	30.17 1.89 0.00	28.59 1.83 0.00	23.44 1.43 0.00	18.38 1.08 0.00	16.41 0.91 0.00
BAYONEEC___CTG10 323750	18.50 0.99 0.00	17.28 0.93 0.00	12.95 0.71 0.00	8.91 0.48 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.66 0.00	11.01 0.60 0.00	12.80 0.76 0.00	14.07 0.85 0.00	14.45 0.88 0.00	12.50 0.84 0.00	15.74 1.14 0.00	18.17 1.33 0.00	20.73 1.53 0.00	26.87 1.93 0.00	31.77 2.22 0.00	30.17 1.89 0.00	28.59 1.83 0.00	23.44 1.43 0.00	18.38 1.08 0.00	16.41 0.91 0.00
BAYONEEC___CTG2 323683	18.50 0.99 0.00	17.28 0.93 0.00	12.95 0.71 0.00	8.91 0.48 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.66 0.00	11.01 0.60 0.00	12.80 0.76 0.00	14.07 0.85 0.00	14.45 0.88 0.00	12.50 0.84 0.00	15.74 1.14 0.00	18.17 1.33 0.00	20.73 1.53 0.00	26.87 1.93 0.00	31.77 2.22 0.00	30.17 1.89 0.00	28.59 1.83 0.00	23.44 1.43 0.00	18.38 1.08 0.00	16.41 0.91 0.00
BAYONEEC___CTG3 323684	18.50 0.99 0.00	17.28 0.93 0.00	12.95 0.71 0.00	8.91 0.48 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.66 0.00	11.01 0.60 0.00	12.80 0.76 0.00	14.07 0.85 0.00	14.45 0.88 0.00	12.50 0.84 0.00	15.74 1.14 0.00	18.17 1.33 0.00	20.73 1.53 0.00	26.87 1.93 0.00	31.77 2.22 0.00	30.17 1.89 0.00	28.59 1.83 0.00	23.44 1.43 0.00	18.38 1.08 0.00	16.41 0.91 0.00
BAYONEEC___CTG4 323685	18.50 0.99 0.00	17.28 0.93 0.00	12.95 0.71 0.00	8.91 0.48 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.66 0.00	11.01 0.60 0.00	12.80 0.76 0.00	14.07 0.85 0.00	14.45 0.88 0.00	12.50 0.84 0.00	15.74 1.14 0.00	18.17 1.33 0.00	20.73 1.53 0.00	26.87 1.93 0.00	31.77 2.22 0.00	30.17 1.89 0.00	28.59 1.83 0.00	23.44 1.43 0.00	18.38 1.08 0.00	16.41 0.91 0.00
BAYONEEC___CTG5 323686	18.50 0.99 0.00	17.28 0.93 0.00	12.95 0.71 0.00	8.91 0.48 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.66 0.00	11.01 0.60 0.00	12.80 0.76 0.00	14.07 0.85 0.00	14.45 0.88 0.00	12.50 0.84 0.00	15.74 1.14 0.00	18.17 1.33 0.00	20.73 1.53 0.00	26.87 1.93 0.00	31.77 2.22 0.00	30.17 1.89 0.00	28.59 1.83 0.00	23.44 1.43 0.00	18.38 1.08 0.00	16.41 0.91 0.00
BAYONEEC___CTG6 323687	18.50 0.99 0.00	17.28 0.93 0.00	12.95 0.71 0.00	8.91 0.48 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.66 0.00	11.01 0.60 0.00	12.80 0.76 0.00	14.07 0.85 0.00	14.45 0.88 0.00	12.50 0.84 0.00	15.74 1.14 0.00	18.17 1.33 0.00	20.73 1.53 0.00	26.87 1.93 0.00	31.77 2.22 0.00	30.17 1.89 0.00	28.59 1.83 0.00	23.44 1.43 0.00	18.38 1.08 0.00	16.41 0.91 0.00

BAYONEEC___CTG7 323688	18.50 0.99 0.00	17.28 0.93 0.00	12.95 0.71 0.00	8.91 0.48 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.66 0.00	11.01 0.60 0.00	12.80 0.76 0.00	14.07 0.85 0.00	14.45 0.88 0.00	12.50 0.84 0.00	15.74 1.14 0.00	18.17 1.33 0.00	20.73 1.53 0.00	26.87 1.93 0.00	31.77 2.22 0.00	30.17 1.89 0.00	28.59 1.83 0.00	23.44 1.43 0.00	18.38 1.08 0.00	16.41 0.91 0.00
BAYONEEC___CTG8 323689	18.50 0.99 0.00	17.28 0.93 0.00	12.95 0.71 0.00	8.91 0.48 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.66 0.00	11.01 0.60 0.00	12.80 0.76 0.00	14.07 0.85 0.00	14.45 0.88 0.00	12.50 0.84 0.00	15.74 1.14 0.00	18.17 1.33 0.00	20.73 1.53 0.00	26.87 1.93 0.00	31.77 2.22 0.00	30.17 1.89 0.00	28.59 1.83 0.00	23.44 1.43 0.00	18.38 1.08 0.00	16.41 0.91 0.00
BAYONEEC___CTG9 323749	18.50 0.99 0.00	17.28 0.93 0.00	12.95 0.71 0.00	8.91 0.48 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.66 0.00	11.01 0.60 0.00	12.80 0.76 0.00	14.07 0.85 0.00	14.45 0.88 0.00	12.50 0.84 0.00	15.74 1.14 0.00	18.17 1.33 0.00	20.73 1.53 0.00	26.87 1.93 0.00	31.77 2.22 0.00	30.17 1.89 0.00	28.59 1.83 0.00	23.44 1.43 0.00	18.38 1.08 0.00	16.41 0.91 0.00
BEACON___LESR 323632	18.15 0.65 0.00	17.01 0.67 0.00	12.76 0.52 0.00	8.79 0.36 0.00	13.33 0.54 0.00	16.68 0.62 0.00	16.23 0.59 0.00	12.69 0.45 0.00	12.38 0.43 0.00	10.73 0.32 0.00	12.36 0.32 0.00	13.52 0.30 0.00	13.85 0.28 0.00	11.92 0.26 0.00	14.94 0.34 0.00	17.24 0.40 0.00	19.72 0.51 0.00	25.64 0.70 0.00	30.36 0.81 0.00	29.06 0.78 0.00	27.49 0.73 0.00	22.57 0.56 0.00	17.75 0.44 0.00	15.91 0.41 0.00
BEAVER RIVER___HYD 24048	14.75 -0.95 1.80	15.77 -0.58 0.00	11.72 -0.51 0.00	8.08 -0.35 0.00	12.38 -0.41 0.00	15.97 -0.09 0.00	15.65 0.02 0.00	12.17 -0.07 0.00	11.86 -0.09 0.00	10.30 -0.11 0.00	11.90 -0.15 0.00	13.07 -0.16 0.00	13.41 -0.15 0.00	11.46 -0.21 0.00	14.29 -0.30 0.00	16.51 -0.33 0.00	18.85 -0.35 0.00	24.66 -0.28 0.00	29.71 0.16 0.00	28.49 0.21 0.00	27.12 0.36 0.00	22.32 0.31 0.00	17.54 0.24 0.00	15.72 0.22 0.00
BEEBEE_GT_13 23619	17.26 -0.24 0.00	16.20 -0.15 0.00	12.12 -0.12 0.00	8.33 -0.09 0.00	12.68 -0.10 0.00	15.95 -0.10 0.00	15.47 -0.17 0.00	12.03 -0.21 0.00	11.73 -0.22 0.00	10.28 -0.13 0.00	11.91 -0.13 0.00	13.14 -0.08 0.00	13.49 -0.08 0.00	11.56 -0.10 0.00	14.49 -0.11 0.00	16.71 -0.13 0.00	18.98 -0.22 0.00	24.54 -0.40 0.00	29.15 -0.40 0.00	27.81 -0.47 0.00	26.10 -0.66 0.00	21.52 -0.49 0.00	17.00 -0.31 0.00	15.19 -0.31 0.00
BENSHRST_27_KV_BENSHRST_1 355998	18.65 1.15 0.00	17.43 1.09 0.00	13.06 0.82 0.00	8.98 0.55 0.00	13.61 0.82 0.00	17.02 0.96 0.00	16.54 0.91 0.00	13.03 0.79 0.00	12.72 0.77 0.00	11.10 0.69 0.00	12.92 0.87 0.00	14.17 0.95 0.00	14.57 1.00 0.00	12.60 0.94 0.00	15.88 1.28 0.00	18.34 1.50 0.00	20.94 1.73 -0.01	27.16 2.22 0.00	60.85 2.56 -28.74	30.53 2.25 0.00	28.92 2.15 -0.01	23.72 1.70 -0.01	18.58 1.27 0.00	16.57 1.07 0.00
BETHLEHEM___GRP 23843	18.01 0.51 0.00	16.90 0.55 0.00	12.68 0.44 0.00	8.73 0.31 0.00	13.22 0.44 0.00	16.55 0.49 0.00	16.10 0.46 0.00	12.60 0.36 0.00	12.29 0.34 0.00	10.65 0.24 0.00	12.25 0.21 0.00	13.40 0.18 0.00	13.72 0.15 0.00	11.79 0.12 0.00	14.75 0.15 0.00	16.99 0.16 0.00	19.41 0.21 0.00	25.19 0.25 0.00	29.87 0.32 0.00	28.58 0.29 0.00	27.03 0.27 0.00	22.24 0.23 0.00	17.49 0.18 0.00	15.71 0.21 0.00
BETHLEHEM___GS1 323560	18.01 0.51 0.00	16.90 0.55 0.00	12.68 0.44 0.00	8.73 0.31 0.00	13.22 0.44 0.00	16.55 0.49 0.00	16.10 0.46 0.00	12.60 0.36 0.00	12.29 0.34 0.00	10.65 0.24 0.00	12.25 0.21 0.00	13.40 0.18 0.00	13.72 0.15 0.00	11.79 0.12 0.00	14.75 0.15 0.00	16.99 0.16 0.00	19.41 0.21 0.00	25.19 0.25 0.00	29.87 0.32 0.00	28.57 0.29 0.00	27.03 0.27 0.00	22.24 0.23 0.00	17.49 0.18 0.00	15.71 0.21 0.00
BETHLEHEM___GS2 323561	18.01 0.51 0.00	16.90 0.55 0.00	12.68 0.44 0.00	8.73 0.31 0.00	13.22 0.44 0.00	16.55 0.49 0.00	16.10 0.46 0.00	12.60 0.36 0.00	12.29 0.34 0.00	10.65 0.24 0.00	12.25 0.21 0.00	13.40 0.18 0.00	13.72 0.15 0.00	11.79 0.12 0.00	14.75 0.15 0.00	16.99 0.16 0.00	19.41 0.21 0.00	25.19 0.25 0.00	29.87 0.32 0.00	28.57 0.29 0.00	27.03 0.27 0.00	22.24 0.23 0.00	17.49 0.18 0.00	15.71 0.21 0.00
BETHLEHEM___GS3 323562	18.01 0.51 0.00	16.90 0.55 0.00	12.68 0.44 0.00	8.73 0.31 0.00	13.22 0.44 0.00	16.55 0.49 0.00	16.10 0.46 0.00	12.60 0.36 0.00	12.29 0.34 0.00	10.65 0.24 0.00	12.25 0.21 0.00	13.40 0.18 0.00	13.72 0.15 0.00	11.79 0.12 0.00	14.75 0.15 0.00	16.99 0.16 0.00	19.41 0.21 0.00	25.19 0.25 0.00	29.87 0.32 0.00	28.57 0.29 0.00	27.03 0.27 0.00	22.24 0.23 0.00	17.49 0.18 0.00	15.71 0.21 0.00
BETHLEHEM___STEEL 23779	17.25 -0.25 0.00	16.23 -0.11 0.00	12.15 -0.09 0.00	8.35 -0.08 0.00	12.76 -0.02 0.00	16.05 -0.01 0.00	15.55 -0.09 0.00	12.07 -0.17 0.00	11.76 -0.20 0.00	10.33 -0.08 0.00	11.99 -0.05 0.00	13.26 0.04 0.00	13.58 0.01 0.00	11.64 -0.02 0.00	14.60 0.00 0.00	16.80 -0.04 0.00	19.01 -0.19 0.00	24.60 -0.34 0.00	29.06 -0.49 0.00	27.68 -0.60 0.00	25.87 -0.89 0.00	21.35 -0.66 0.00	16.91 -0.39 0.00	15.06 -0.44 0.00
BETHLHEM_115KV_TB1 79974	18.00 0.50 0.00	16.89 0.54 0.00	12.67 0.43 0.00	8.73 0.30 0.00	13.22 0.43 0.00	16.54 0.48 0.00	16.09 0.46 0.00	12.60 0.35 0.00	12.29 0.33 0.00	10.65 0.24 0.00	12.26 0.22 0.00	13.42 0.20 0.00	13.74 0.17 0.00	11.81 0.15 0.00	14.79 0.19 0.00	17.04 0.20 0.00	19.47 0.26 0.00	25.26 0.31 0.00	29.96 0.41 0.00	28.65 0.37 0.00	27.10 0.34 0.00	22.29 0.28 0.00	17.53 0.22 0.00	15.74 0.23 0.00
BETHPAGE_CC_5 323564	18.87 1.36 0.00	17.56 1.21 0.00	13.14 0.90 0.00	9.06 0.63 0.00	13.72 0.94 0.00	19.73 1.13 -2.54	16.58 0.95 0.00	13.13 0.89 0.00	12.70 0.75 0.00	11.13 0.72 0.00	12.97 0.92 0.00	14.24 1.01 0.00	14.69 1.12 0.00	14.82 1.06 -2.09	25.93 1.44 -9.89	25.75 1.66 -7.25	31.56 1.85 -10.51	66.53 2.40 -39.19	57.82 2.79 -25.48	37.21 2.39 -6.54	36.39 2.30 -7.33	28.03 1.88 -4.14	18.71 1.41 0.00	16.70 1.20 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.32 -0.18 0.00	16.30 -0.05 0.00	12.19 -0.05 0.00	8.38 -0.05 0.00	12.81 0.03 0.00	16.11 0.05 0.00	15.61 -0.02 0.00	12.12 -0.12 0.00	11.80 -0.15 0.00	10.37 -0.04 0.00	12.04 0.00 0.00	13.31 0.09 0.00	13.64 0.07 0.00	11.69 0.02 0.00	14.66 0.06 0.00	16.87 0.03 0.00	19.09 -0.11 0.00	24.72 -0.22 0.00	29.19 -0.36 0.00	27.81 -0.48 0.00	25.99 -0.77 0.00	21.44 -0.57 0.00	16.98 -0.32 0.00	15.13 -0.38 0.00

BINGHAMTON___COGEN 23790	17.59 0.09 0.00	16.48 0.13 0.00	12.31 0.07 0.00	8.47 0.04 0.00	12.89 0.10 0.00	16.18 0.12 0.00	15.76 0.13 0.00	12.34 0.10 0.00	12.02 0.07 0.00	10.48 0.07 0.00	12.14 0.10 0.00	13.34 0.12 0.00	13.67 0.10 0.00	11.75 0.09 0.00	14.72 0.12 0.00	17.02 0.19 0.00	19.39 0.19 0.00	25.16 0.23 0.00	29.89 0.34 0.00	28.53 0.25 0.00	26.93 0.17 0.00	22.12 0.11 0.00	17.40 0.09 0.00	15.54 0.04 0.00
BIXINCNT_115KV_LOAD 355685	17.49 -0.01 0.00	16.44 0.09 0.00	12.29 0.05 0.00	8.51 0.08 0.00	13.04 0.25 0.00	16.42 0.36 0.00	15.95 0.31 0.00	12.37 0.13 0.00	12.01 0.05 0.00	10.53 0.13 0.00	12.22 0.18 0.00	13.50 0.28 0.00	13.81 0.25 0.00	11.84 0.17 0.00	14.86 0.26 0.00	17.13 0.29 0.00	19.37 0.17 0.00	25.00 0.06 0.00	29.55 -0.01 0.00	28.14 -0.15 0.00	26.34 -0.41 0.00	21.71 -0.30 0.00	17.17 -0.14 0.00	15.28 -0.23 0.00
BLACK RIVER___HYD 24047	15.25 -1.00 1.26	15.61 -0.74 0.00	11.60 -0.64 0.00	7.99 -0.44 0.00	12.28 -0.50 0.00	15.89 -0.17 0.00	15.56 -0.07 0.00	12.07 -0.17 0.00	11.74 -0.22 0.00	10.18 -0.23 0.00	11.75 -0.29 0.00	12.91 -0.31 0.00	13.25 -0.32 0.00	11.29 -0.37 0.00	14.08 -0.52 0.00	16.28 -0.56 0.00	18.56 -0.64 0.00	24.32 -0.62 0.00	29.45 -0.10 0.00	28.20 -0.08 0.00	26.93 0.17 0.00	22.20 0.19 0.00	17.48 0.17 0.00	15.68 0.18 0.00
BLACKRVR_115KV_TB2 79977	15.25 -1.00 1.26	15.61 -0.74 0.00	11.60 -0.64 0.00	7.99 -0.44 0.00	12.28 -0.50 0.00	15.89 -0.17 0.00	15.56 -0.07 0.00	12.07 -0.17 0.00	11.74 -0.22 0.00	10.18 -0.23 0.00	11.75 -0.29 0.00	12.91 -0.31 0.00	13.25 -0.32 0.00	11.29 -0.37 0.00	14.08 -0.52 0.00	16.28 -0.56 0.00	18.56 -0.64 0.00	24.32 -0.62 0.00	29.45 -0.10 0.00	28.20 -0.08 0.00	26.93 0.17 0.00	22.20 0.19 0.00	17.48 0.17 0.00	15.68 0.18 0.00
BLISS_WT_PWR 323608	17.12 -0.05 0.33	16.04 0.05 0.36	11.89 0.01 0.35	8.28 0.07 0.21	12.82 0.24 0.20	16.15 0.35 0.26	15.75 0.31 0.20	12.36 0.13 0.01	12.01 0.06 0.00	10.54 0.13 0.00	12.22 0.18 0.00	13.50 0.28 0.00	13.82 0.25 0.00	11.84 0.18 0.00	14.87 0.27 0.00	17.14 0.30 0.00	19.38 0.18 0.00	25.00 0.06 0.00	29.55 0.00 0.00	28.15 -0.13 0.00	26.28 -0.42 0.07	20.48 -0.30 1.23	16.09 -0.14 1.07	14.90 -0.23 0.37
BLUESTONE___WT_PWR 323821	18.15 0.65 0.00	16.86 0.51 0.00	12.29 0.05 0.00	8.23 -0.20 0.00	12.45 -0.34 0.00	15.84 -0.22 0.00	15.79 0.15 0.00	12.56 0.32 0.00	12.32 0.36 0.00	10.78 0.37 0.00	12.46 0.42 0.00	13.69 0.46 0.00	14.00 0.43 0.00	12.00 0.34 0.00	15.02 0.42 0.00	17.43 0.60 0.00	19.98 0.78 0.00	26.12 1.19 0.00	31.13 1.58 0.00	29.80 1.52 0.00	28.21 1.46 0.00	23.18 1.17 0.00	18.20 0.90 0.00	16.22 0.72 0.00
BLUE_CIRC_CHEM_DRP 24182	18.11 0.60 0.00	16.98 0.63 0.00	12.74 0.50 0.00	8.78 0.35 0.00	13.30 0.52 0.00	16.66 0.60 0.00	16.18 0.55 0.00	12.62 0.38 0.00	12.28 0.32 0.00	10.64 0.23 0.00	12.24 0.20 0.00	13.41 0.18 0.00	13.73 0.16 0.00	11.81 0.15 0.00	14.78 0.18 0.00	17.03 0.19 0.00	19.46 0.26 0.00	25.31 0.37 0.00	30.13 0.58 0.00	28.92 0.64 0.00	27.41 0.65 0.00	22.54 0.52 0.00	17.70 0.40 0.00	15.88 0.38 0.00
BOC_GAS_DRP 24189	17.94 0.44 0.00	16.82 0.47 0.00	12.62 0.37 0.00	8.69 0.26 0.00	13.17 0.38 0.00	16.49 0.43 0.00	16.04 0.41 0.00	12.56 0.32 0.00	12.26 0.30 0.00	10.64 0.23 0.00	12.28 0.24 0.00	13.46 0.24 0.00	13.80 0.23 0.00	11.88 0.22 0.00	14.89 0.28 0.00	17.15 0.32 0.00	19.58 0.38 0.00	25.42 0.48 0.00	30.14 0.59 0.00	28.82 0.54 0.00	27.27 0.51 0.00	22.42 0.41 0.00	17.61 0.31 0.00	15.79 0.29 0.00
BOONVILLE_115KV_TB1 79983	16.70 -0.18 0.63	16.31 -0.04 0.00	12.16 -0.08 0.00	8.38 -0.05 0.00	12.77 -0.01 0.00	16.24 0.18 0.00	15.87 0.23 0.00	12.38 0.14 0.00	12.06 0.11 0.00	10.49 0.08 0.00	12.12 0.07 0.00	13.30 0.08 0.00	13.65 0.08 0.00	11.70 0.04 0.00	14.63 0.03 0.00	16.90 0.06 0.00	19.31 0.11 0.00	25.18 0.24 0.00	30.14 0.59 0.00	28.87 0.59 0.00	27.37 0.61 0.00	22.49 0.48 0.00	17.67 0.36 0.00	15.83 0.33 0.00
BORALEX_4TH_BRANCH 23824	18.38 0.88 0.00	17.28 0.93 0.00	12.97 0.73 0.00	8.93 0.50 0.00	13.53 0.74 0.00	16.93 0.87 0.00	16.48 0.84 0.00	12.87 0.63 0.00	12.57 0.61 0.00	10.86 0.45 0.00	12.46 0.42 0.00	13.62 0.39 0.00	13.95 0.38 0.00	12.03 0.36 0.00	15.02 0.42 0.00	17.29 0.45 0.00	19.79 0.58 0.00	25.70 0.76 0.00	30.54 0.99 0.00	29.34 1.05 0.00	27.80 1.04 0.00	22.92 0.91 0.00	17.99 0.68 0.00	16.16 0.66 0.00
BOWLINE___1 23526	18.26 0.76 0.00	17.08 0.73 0.00	12.79 0.55 0.00	8.80 0.37 0.00	13.34 0.56 0.00	16.69 0.63 0.00	16.24 0.60 0.00	12.77 0.53 0.00	12.47 0.52 0.00	10.87 0.46 0.00	12.62 0.58 0.00	13.86 0.64 0.00	14.22 0.65 0.00	12.30 0.64 0.00	15.48 0.88 0.00	17.89 1.05 0.00	20.40 1.20 0.00	26.47 1.53 0.00	31.33 1.78 0.00	29.83 1.54 0.00	28.19 1.43 0.00	23.11 1.10 0.00	18.12 0.82 0.00	16.20 0.70 0.00
BOWLINE___2 23595	18.26 0.76 0.00	17.08 0.73 0.00	12.79 0.55 0.00	8.80 0.37 0.00	13.34 0.56 0.00	16.70 0.63 0.00	16.24 0.60 0.00	12.77 0.53 0.00	12.47 0.52 0.00	10.87 0.46 0.00	12.62 0.58 0.00	13.86 0.64 0.00	14.22 0.65 0.00	12.30 0.64 0.00	15.48 0.88 0.00	17.89 1.05 0.00	20.40 1.20 0.00	26.47 1.53 0.00	31.33 1.78 0.00	29.83 1.54 0.00	28.19 1.43 0.00	23.11 1.10 0.00	18.12 0.82 0.00	16.20 0.70 0.00
BRADY___115KV_TB2 356060	10.70 -1.27 5.54	16.14 -0.21 0.00	12.07 -0.17 0.00	8.29 -0.14 0.00	12.59 -0.19 0.00	15.90 -0.16 0.00	15.49 -0.15 0.00	12.07 -0.17 0.00	11.81 -0.14 0.00	10.30 -0.11 0.00	11.92 -0.12 0.00	13.09 -0.13 0.00	13.49 -0.08 0.00	11.55 -0.11 0.00	14.40 -0.20 0.00	16.61 -0.22 0.00	18.99 -0.21 0.00	24.71 -0.23 0.00	29.27 -0.28 0.00	28.27 -0.01 0.00	26.94 0.18 0.00	22.21 0.20 0.00	17.42 0.12 0.00	15.47 -0.03 0.00
BRANSCOMB___SOLAR 323811	18.38 0.88 0.00	17.25 0.90 0.00	12.93 0.69 0.00	8.91 0.48 0.00	13.50 0.72 0.00	16.93 0.86 0.00	16.46 0.83 0.00	12.84 0.60 0.00	12.49 0.54 0.00	10.82 0.41 0.00	12.43 0.38 0.00	13.60 0.38 0.00	13.91 0.34 0.00	11.99 0.33 0.00	15.06 0.45 0.00	17.36 0.53 0.00	19.96 0.76 0.00	26.04 1.10 0.00	31.08 1.53 0.00	29.85 1.57 0.00	28.26 1.50 0.00	23.22 1.21 0.00	18.19 0.88 0.00	16.28 0.78 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	19.10 1.59 0.00	17.75 1.40 0.00	13.28 1.04 0.00	9.16 0.73 0.00	13.87 1.09 0.00	32.73 1.35 -15.31	16.60 0.96 0.00	13.30 1.06 0.00	12.81 0.86 0.00	11.23 0.82 0.00	13.07 1.03 0.00	14.34 1.12 0.00	14.82 1.25 0.00	14.93 1.18 -2.09	26.08 1.59 -9.89	25.93 1.84 -7.25	31.72 2.00 -10.51	103.34 2.62 -75.78	98.73 2.82 -66.35	66.22 2.36 -35.58	36.55 2.46 -7.32	28.29 2.14 -4.14	18.92 1.61 0.00	16.88 1.38 0.00



BRISTLHL_115KV_TB1 79998	17.10 -0.25 0.15	16.13 -0.21 0.00	12.07 -0.17 0.00	8.31 -0.12 0.00	12.62 -0.16 0.00	15.87 -0.19 0.00	15.44 -0.19 0.00	12.07 -0.17 0.00	11.76 -0.19 0.00	10.24 -0.17 0.00	11.83 -0.22 0.00	12.99 -0.23 0.00	13.32 -0.25 0.00	11.43 -0.23 0.00	14.27 -0.33 0.00	16.46 -0.38 0.00	18.76 -0.44 0.00	24.37 -0.57 0.00	28.94 -0.61 0.00	27.67 -0.61 0.00	26.16 -0.60 0.00	21.53 -0.48 0.00	16.96 -0.34 0.00	15.26 -0.24 0.00
BROOKHAVEN___DRP 24191	19.00 1.50 0.00	17.64 1.29 0.00	13.23 0.99 0.00	9.16 0.73 0.00	13.88 1.09 0.00	80.53 1.45 -63.03	16.82 1.18 0.00	13.37 1.13 0.00	12.81 0.86 0.00	11.22 0.81 0.00	12.95 0.91 0.00	14.22 1.00 0.00	14.70 1.13 0.00	14.84 1.09 -2.09	25.99 1.50 -9.89	25.85 1.75 -7.25	31.58 1.87 -10.51	239.92 2.56 -212.41	251.45 2.93 -218.97	174.83 2.51 -144.04	36.45 2.37 -7.32	28.17 2.03 -4.14	18.81 1.51 0.00	16.77 1.27 0.00
BROOKLYN_NAVY_YARD 23515	18.44 0.94 0.00	17.24 0.89 0.00	12.92 0.68 0.00	8.89 0.46 0.00	13.47 0.68 0.00	16.85 0.79 0.00	16.38 0.74 0.00	12.89 0.65 0.00	12.58 0.63 0.00	-31.55 0.56 42.53	-35.44 0.72 48.20	14.02 0.80 0.00	14.40 0.83 0.00	12.45 0.79 0.01	15.68 1.09 0.01	-2.32 1.27 20.43	-37.20 1.49 57.89	13.18 1.86 13.62	31.68 2.12 0.00	30.09 1.81 0.00	28.51 1.75 0.00	23.38 1.36 0.00	18.34 1.03 0.00	16.36 0.86 0.00
BROOKLYN___ARMY_DRP 323595	18.55 1.05 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.54 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.04 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.19 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
BROOKVLE_69_KV_TB1 55790	18.75 1.25 0.00	17.49 1.14 0.00	13.09 0.85 0.00	9.02 0.59 0.00	13.66 0.88 0.00	17.10 1.04 0.00	16.56 0.92 0.00	13.07 0.83 0.00	12.70 0.75 0.00	11.12 0.71 0.00	12.95 0.91 0.00	14.23 1.01 0.00	14.67 1.10 0.00	14.79 1.04 -2.09	25.88 1.39 -9.89	25.71 1.62 -7.25	31.55 1.84 -10.51	59.22 2.36 -31.92	49.66 2.75 -17.36	31.41 2.37 -0.76	36.33 2.25 -7.32	27.94 1.79 -4.14	18.63 1.33 0.00	16.62 1.12 0.00
BROOME_2_LFGE 323671	17.59 0.09 0.00	16.48 0.13 0.00	12.31 0.07 0.00	8.47 0.04 0.00	12.89 0.10 0.00	16.18 0.12 0.00	15.76 0.13 0.00	12.34 0.10 0.00	12.02 0.07 0.00	10.48 0.07 0.00	12.14 0.10 0.00	13.34 0.12 0.00	13.67 0.10 0.00	11.75 0.09 0.00	14.72 0.12 0.00	17.02 0.19 0.00	19.39 0.19 0.00	25.16 0.23 0.00	29.89 0.34 0.00	28.53 0.25 0.00	26.93 0.17 0.00	22.12 0.11 0.00	17.40 0.09 0.00	15.54 0.04 0.00
BROOME___LFGE 323600	17.59 0.09 0.00	16.48 0.13 0.00	12.31 0.07 0.00	8.47 0.04 0.00	12.89 0.10 0.00	16.18 0.12 0.00	15.76 0.13 0.00	12.34 0.10 0.00	12.02 0.07 0.00	10.48 0.07 0.00	12.14 0.10 0.00	13.34 0.12 0.00	13.67 0.10 0.00	11.75 0.09 0.00	14.72 0.12 0.00	17.02 0.19 0.00	19.39 0.19 0.00	25.16 0.23 0.00	29.89 0.34 0.00	28.53 0.25 0.00	26.93 0.17 0.00	22.12 0.11 0.00	17.40 0.09 0.00	15.54 0.04 0.00
BROWNFLS_115KV_TB_3_5 80003	12.99 -1.22 3.29	15.78 -0.57 0.00	11.76 -0.48 0.00	8.09 -0.34 0.00	12.35 -0.43 0.00	15.80 -0.26 0.00	15.43 -0.20 0.00	12.03 -0.21 0.00	11.75 -0.21 0.00	10.22 -0.19 0.00	11.81 -0.23 0.00	12.98 -0.24 0.00	13.35 -0.22 0.00	11.41 -0.25 0.00	14.23 -0.37 0.00	16.43 -0.41 0.00	18.77 -0.43 0.00	24.50 -0.44 0.00	29.31 -0.24 0.00	28.16 -0.12 0.00	26.81 0.05 0.00	22.10 0.09 0.00	17.35 0.05 0.00	15.49 -0.01 0.00
BROWNSV1_27_KV_LOAD 356125	18.66 1.16 0.00	17.43 1.08 0.00	13.06 0.82 0.00	8.98 0.55 0.00	13.61 0.82 0.00	17.03 0.96 0.00	16.56 0.92 0.00	13.04 0.80 0.00	12.73 0.77 0.00	11.11 0.70 0.00	12.92 0.88 0.00	14.20 0.98 0.00	14.59 1.02 0.00	12.62 0.96 0.00	15.90 1.30 0.00	18.35 1.52 0.00	20.94 1.74 0.00	27.16 2.22 0.00	32.11 2.56 0.00	30.48 2.20 0.00	28.82 2.06 0.00	23.63 1.62 0.00	18.53 1.22 0.00	16.53 1.03 0.00
BURROWS___LYONSDAL 23803	16.25 -0.39 0.86	16.14 -0.21 0.00	12.02 -0.22 0.00	8.28 -0.15 0.00	12.65 -0.13 0.00	16.17 0.11 0.00	15.82 0.18 0.00	12.34 0.09 0.00	12.02 0.07 0.00	10.45 0.04 0.00	12.07 0.02 0.00	13.25 0.03 0.00	13.59 0.02 0.00	11.65 -0.02 0.00	14.55 -0.05 0.00	16.81 -0.03 0.00	19.20 0.00 0.00	25.05 0.12 0.00	30.04 0.49 0.00	28.80 0.51 0.00	27.32 0.56 0.00	22.46 0.45 0.00	17.64 0.33 0.00	15.81 0.31 0.00
CAITHNESS_CC_1 323624	19.01 1.50 0.00	17.65 1.30 0.00	13.22 0.99 0.00	9.15 0.72 0.00	13.86 1.07 0.00	80.99 1.41 -63.52	16.78 1.14 0.00	13.33 1.09 0.00	12.80 0.84 0.00	11.21 0.80 0.00	12.97 0.93 0.00	14.24 1.02 0.00	14.72 1.15 0.00	14.86 1.10 -2.09	26.00 1.51 -9.89	25.86 1.76 -7.25	31.59 1.87 -10.51	241.33 2.55 -213.84	253.02 2.90 -220.57	175.95 2.49 -145.17	36.47 2.38 -7.33	28.18 2.03 -4.14	18.81 1.51 0.00	16.77 1.27 0.00
CALPINE BETH_PAGE_GT4 24209	18.85 1.35 0.00	17.54 1.20 0.00	13.13 0.89 0.00	9.06 0.63 0.00	13.71 0.93 0.00	19.04 1.12 -1.86	16.57 0.94 0.00	13.12 0.88 0.00	12.70 0.75 0.00	11.12 0.71 0.00	12.96 0.92 0.00	14.23 1.01 0.00	14.69 1.12 0.00	14.81 1.06 -2.09	25.92 1.43 -9.89	25.75 1.65 -7.25	31.55 1.83 -10.51	64.56 2.38 -37.23	55.63 2.78 -23.29	35.65 2.39 -4.98	36.37 2.29 -7.32	28.01 1.87 -4.14	18.70 1.40 0.00	16.69 1.19 0.00
CALPINE_BETH_PAGE_GT_4 323586	18.85 1.35 0.00	17.54 1.20 0.00	13.13 0.89 0.00	9.06 0.63 0.00	13.71 0.93 0.00	19.04 1.12 -1.86	16.57 0.94 0.00	13.12 0.88 0.00	12.70 0.75 0.00	11.13 0.71 0.00	12.96 0.92 0.00	14.23 1.01 0.00	14.68 1.12 0.00	14.81 1.06 -2.09	25.92 1.43 -9.89	25.75 1.65 -7.25	31.55 1.83 -10.51	64.56 2.38 -37.23	55.63 2.78 -23.30	35.65 2.39 -4.98	36.38 2.29 -7.33	28.02 1.87 -4.14	18.70 1.40 0.00	16.69 1.18 0.00
CALPINE_BP_GT1 23823	18.85 1.35 0.00	17.54 1.20 0.00	13.13 0.89 0.00	9.06 0.63 0.00	13.71 0.93 0.00	19.04 1.12 -1.86	16.57 0.94 0.00	13.12 0.88 0.00	12.70 0.75 0.00	11.13 0.71 0.00	12.96 0.92 0.00	14.23 1.01 0.00	14.68 1.12 0.00	14.81 1.06 -2.09	25.92 1.43 -9.89	25.75 1.65 -7.25	31.55 1.83 -10.51	64.56 2.38 -37.23	55.63 2.78 -23.30	35.65 2.39 -4.98	36.38 2.29 -7.33	28.02 1.87 -4.14	18.70 1.40 0.00	16.69 1.18 0.00
CALSPAN___DRP 24200	17.25 -0.25 0.00	16.23 -0.11 0.00	12.15 -0.09 0.00	8.35 -0.08 0.00	12.76 -0.02 0.00	16.05 -0.01 0.00	15.55 -0.09 0.00	12.07 -0.17 0.00	11.76 -0.20 0.00	10.33 -0.08 0.00	11.99 -0.05 0.00	13.26 0.04 0.00	13.58 0.01 0.00	11.64 -0.02 0.00	14.60 0.00 0.00	16.80 -0.04 0.00	19.01 -0.19 0.00	24.60 -0.34 0.00	29.06 -0.49 0.00	27.68 -0.60 0.00	25.87 -0.89 0.00	21.35 -0.66 0.00	16.91 -0.39 0.00	15.06 -0.44 0.00

CALVERTON___SOLAR 323806	19.01 1.51 0.00	17.64 1.29 0.00	13.23 0.99 0.00	9.18 0.75 0.00	13.90 1.12 0.00	80.41 1.50 -62.85	16.85 1.21 0.00	13.40 1.16 0.00	12.83 0.87 0.00	11.23 0.82 0.00	12.95 0.91 0.00	14.21 0.99 0.00	14.71 1.14 0.00	14.86 1.10 -2.09	26.01 1.52 -9.89	25.88 1.78 -7.25	31.60 1.88 -10.51	239.48 2.62 -211.91	250.97 3.00 -218.42	174.50 2.58 -143.64	36.46 2.37 -7.33	28.19 2.04 -4.14	18.83 1.52 0.00	16.77 1.27 0.00
CANDIGU_WT_PWR 323617	17.52 -0.23 -0.25	16.44 -0.18 -0.27	12.27 -0.23 -0.26	8.42 -0.17 -0.16	12.87 -0.07 -0.15	16.16 -0.09 -0.19	15.72 -0.07 -0.15	12.19 -0.07 -0.01	11.85 -0.10 0.00	10.37 -0.04 0.00	12.03 -0.01 0.00	13.25 0.03 0.00	13.56 -0.01 0.00	11.66 -0.01 0.00	14.61 0.01 0.00	16.90 0.06 0.00	19.18 -0.02 0.00	24.83 -0.11 0.00	29.43 -0.11 0.00	28.08 -0.20 0.00	26.45 -0.36 -0.05	22.57 -0.36 -0.92	17.82 -0.29 -0.80	15.37 -0.40 -0.28
CARR STREET_E_SYR 24060	17.24 -0.14 0.11	16.24 -0.11 0.00	12.14 -0.10 0.00	8.36 -0.07 0.00	12.70 -0.08 0.00	15.96 -0.10 0.00	15.53 -0.10 0.00	12.14 -0.09 0.00	11.84 -0.11 0.00	10.32 -0.09 0.00	11.94 -0.10 0.00	13.12 -0.10 0.00	13.45 -0.12 0.00	11.54 -0.12 0.00	14.43 -0.17 0.00	16.65 -0.19 0.00	18.98 -0.22 0.00	24.64 -0.30 0.00	29.26 -0.28 0.00	27.96 -0.32 0.00	26.40 -0.36 0.00	21.71 -0.30 0.00	17.10 -0.21 0.00	15.36 -0.14 0.00
CARTHAGE___PAPER 23857	15.15 -0.88 1.47	15.78 -0.56 0.00	11.73 -0.51 0.00	8.08 -0.35 0.00	12.40 -0.39 0.00	16.02 -0.05 0.00	15.69 0.05 0.00	12.18 -0.06 0.00	11.86 -0.10 0.00	10.28 -0.13 0.00	11.86 -0.18 0.00	13.04 -0.18 0.00	13.38 -0.19 0.00	11.42 -0.25 0.00	14.24 -0.36 0.00	16.46 -0.37 0.00	18.80 -0.40 0.00	24.62 -0.32 0.00	29.76 0.21 0.00	28.53 0.25 0.00	27.21 0.45 0.00	22.42 0.40 0.00	17.62 0.32 0.00	15.79 0.29 0.00
CASSADAGA_WT_PWR 323784	17.10 -0.07 0.33	16.05 0.06 0.35	12.05 0.15 0.35	8.31 0.09 0.21	12.88 0.29 0.20	16.18 0.38 0.25	15.77 0.33 0.20	12.40 0.17 0.01	12.02 0.07 0.00	10.57 0.16 0.00	12.30 0.26 0.00	13.61 0.39 0.00	13.91 0.34 0.00	11.94 0.28 0.00	15.02 0.42 0.00	17.35 0.52 0.00	19.64 0.43 0.00	25.34 0.40 0.00	29.98 0.43 0.00	28.58 0.30 0.00	26.64 -0.06 0.06	20.59 -0.24 1.18	16.10 -0.18 1.03	14.71 -0.44 0.35
CE_DUNWOOD___DRP 24194	18.42 0.92 0.00	17.23 0.88 0.00	12.91 0.67 0.00	8.89 0.46 0.00	13.47 0.68 0.00	16.85 0.79 0.00	16.38 0.74 0.00	12.89 0.64 0.00	12.57 0.62 0.00	10.96 0.55 0.00	12.74 0.70 0.00	13.98 0.76 0.00	14.36 0.79 0.00	12.42 0.76 0.00	15.64 1.04 0.00	18.06 1.22 0.00	20.59 1.39 0.00	26.72 1.78 0.00	31.61 2.06 0.00	30.06 1.78 0.00	28.45 1.69 0.00	23.34 1.32 0.00	18.29 0.99 0.00	16.34 0.84 0.00
CE_MILLWOOD___DRP 24193	18.35 0.85 0.00	17.16 0.81 0.00	12.86 0.61 0.00	8.85 0.42 0.00	13.42 0.63 0.00	16.79 0.73 0.00	16.32 0.68 0.00	12.84 0.59 0.00	12.53 0.57 0.00	10.92 0.51 0.00	12.68 0.64 0.00	13.92 0.70 0.00	14.30 0.73 0.00	12.37 0.70 0.00	15.56 0.97 0.00	17.97 1.14 0.00	20.49 1.29 0.00	26.59 1.65 0.00	31.47 1.92 0.00	29.95 1.67 0.00	28.33 1.57 0.00	23.24 1.23 0.00	18.22 0.91 0.00	16.28 0.78 0.00
CE_NYC2_DRP 24202	18.52 1.01 0.00	17.31 0.96 0.00	12.98 0.73 0.00	8.93 0.50 0.00	13.53 0.74 0.00	16.91 0.86 0.00	16.45 0.81 0.00	12.96 0.71 0.00	12.64 0.69 0.00	11.04 0.63 0.00	12.83 0.79 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.52 0.86 0.00	15.77 1.17 0.00	18.19 1.36 0.00	20.75 1.55 0.00	26.92 1.98 0.00	31.83 2.28 0.00	30.24 1.96 0.00	28.65 1.89 0.00	23.48 1.47 0.00	18.41 1.10 0.00	16.44 0.93 0.00
CE_NYC_DRP 24195	18.50 1.00 0.00	17.30 0.95 0.00	12.96 0.72 0.00	8.92 0.49 0.00	13.52 0.73 0.00	16.91 0.85 0.00	16.44 0.80 0.00	12.95 0.70 0.00	12.63 0.68 0.00	11.02 0.61 0.00	12.82 0.78 0.00	14.09 0.86 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.76 1.16 0.00	18.19 1.36 0.00	20.75 1.55 0.00	26.91 1.97 0.00	31.82 2.27 0.00	30.21 1.92 0.00	28.61 1.86 0.00	23.46 1.45 0.00	18.40 1.09 0.00	16.42 0.92 0.00
CHAFFEE___LFGE 323603	17.06 -0.14 0.30	16.01 -0.01 0.32	11.89 -0.03 0.32	8.20 -0.03 0.19	12.64 0.04 0.18	15.90 0.08 0.23	15.46 0.00 0.18	12.14 -0.09 0.01	11.83 -0.12 0.00	10.40 -0.01 0.00	12.07 0.03 0.00	13.34 0.12 0.00	13.66 0.09 0.00	11.71 0.05 0.00	14.70 0.10 0.00	16.92 0.08 0.00	19.15 -0.05 0.00	24.80 -0.14 0.00	29.31 -0.24 0.00	27.93 -0.35 0.00	26.05 -0.65 0.06	20.42 -0.47 1.12	16.09 -0.25 0.97	14.84 -0.33 0.34
CHATEAUG_35_KV_LOAD 355732	10.27 -1.24 5.99	16.25 -0.10 0.00	12.16 -0.08 0.00	8.32 -0.11 0.00	12.62 -0.16 0.00	15.90 -0.16 0.00	15.54 -0.10 0.00	12.22 -0.02 0.00	11.96 0.01 0.00	10.45 0.04 0.00	12.11 0.07 0.00	13.33 0.11 0.00	13.73 0.16 0.00	11.78 0.11 0.00	14.73 0.13 0.00	16.98 0.14 0.00	19.43 0.23 0.00	25.36 0.42 0.00	30.04 0.49 0.00	28.90 0.62 0.00	27.40 0.64 0.00	22.51 0.50 0.00	17.63 0.32 0.00	15.68 0.18 0.00
CHATEAUG_WT_PWR 323614	10.37 -1.06 6.08	16.50 0.15 0.00	12.33 0.09 0.00	8.40 -0.03 0.00	12.76 -0.03 0.00	16.06 -0.01 0.00	15.72 0.08 0.00	12.45 0.21 0.00	12.19 0.24 0.00	10.66 0.25 0.00	12.37 0.33 0.00	13.63 0.41 0.00	14.03 0.46 0.00	12.04 0.38 0.00	15.06 0.45 0.00	17.36 0.52 0.00	19.91 0.71 0.00	26.06 1.12 0.00	30.97 1.42 0.00	29.71 1.43 0.00	28.03 1.27 0.00	22.94 0.93 0.00	17.97 0.66 0.00	16.02 0.52 0.00
CHAT_HIGH_FALL_HYD 323578	10.27 -1.24 5.99	16.25 -0.10 0.00	12.16 -0.08 0.00	8.32 -0.11 0.00	12.62 -0.16 0.00	15.90 -0.16 0.00	15.54 -0.10 0.00	12.22 -0.02 0.00	11.96 0.01 0.00	10.45 0.04 0.00	12.11 0.07 0.00	13.33 0.11 0.00	13.73 0.16 0.00	11.78 0.11 0.00	14.73 0.13 0.00	16.98 0.14 0.00	19.43 0.23 0.00	25.36 0.42 0.00	30.04 0.49 0.00	28.90 0.62 0.00	27.40 0.64 0.00	22.51 0.50 0.00	17.63 0.32 0.00	15.68 0.18 0.00
CHAUTAUQUA___LFGE 323629	16.97 -0.21 0.32	15.94 -0.07 0.34	11.89 -0.01 0.34	8.20 -0.02 0.20	12.69 0.10 0.19	15.93 0.12 0.25	15.51 0.07 0.19	12.19 -0.04 0.01	11.86 -0.09 0.00	10.42 0.02 0.00	12.12 0.08 0.00	13.40 0.18 0.00	13.70 0.13 0.00	11.76 0.10 0.00	14.80 0.20 0.00	17.11 0.27 0.00	19.36 0.16 0.00	25.00 0.07 0.00	29.57 0.02 0.00	28.20 -0.08 0.00	26.32 -0.38 0.06	20.48 -0.39 1.14	16.07 -0.25 0.99	14.72 -0.44 0.34
CHERRYST_13_KV_LD 356241	18.55 1.05 0.00	17.33 0.99 0.00	12.99 0.75 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.95 0.89 0.00	16.48 0.84 0.00	12.98 0.74 0.00	12.67 0.71 0.00	11.05 0.64 0.00	12.86 0.82 0.00	14.13 0.91 0.00	14.52 0.94 0.00	12.55 0.89 0.00	15.81 1.21 0.00	18.25 1.41 0.00	20.81 1.61 0.00	26.99 2.04 0.00	31.90 2.36 0.00	30.30 2.02 0.00	28.69 1.93 0.00	23.52 1.51 0.00	18.44 1.14 0.00	16.46 0.96 0.00

CHESTROR_138KV_BK263 355645	18.16 0.66 0.00	16.98 0.63 0.00	12.72 0.48 0.00	8.76 0.33 0.00	13.27 0.49 0.00	16.61 0.56 0.00	16.16 0.53 0.00	12.70 0.47 0.00	12.40 0.45 0.00	10.80 0.39 0.00	12.52 0.48 0.00	13.75 0.53 0.00	14.10 0.53 0.00	12.19 0.52 0.00	15.33 0.73 0.00	17.71 0.87 0.00	20.20 1.00 0.00	26.23 1.29 0.00	31.08 1.53 0.00	29.62 1.34 0.00	27.99 1.23 0.00	22.97 0.96 0.00	18.02 0.71 0.00	16.11 0.61 0.00
CH_MIDHUDSON___DRP 24192	18.34 0.84 0.00	17.17 0.82 0.00	12.87 0.63 0.00	8.86 0.43 0.00	13.42 0.64 0.00	16.80 0.74 0.00	16.34 0.70 0.00	12.85 0.60 0.00	12.54 0.58 0.00	10.91 0.50 0.00	12.65 0.61 0.00	13.88 0.66 0.00	14.24 0.67 0.00	12.32 0.66 0.00	15.50 0.90 0.00	17.90 1.06 0.00	20.42 1.21 0.00	26.52 1.58 0.00	31.42 1.87 0.00	29.93 1.65 0.00	28.30 1.54 0.00	23.21 1.20 0.00	18.20 0.89 0.00	16.26 0.76 0.00
CH_MISC_IPPS 23765	18.41 0.91 0.00	17.22 0.87 0.00	12.91 0.66 0.00	8.88 0.45 0.00	13.46 0.68 0.00	16.85 0.79 0.00	16.39 0.75 0.00	12.88 0.64 0.00	12.57 0.62 0.00	10.95 0.54 0.00	12.70 0.66 0.00	13.94 0.71 0.00	14.31 0.73 0.00	12.38 0.71 0.00	15.58 0.98 0.00	18.01 1.17 0.00	20.55 1.35 0.00	26.70 1.76 0.00	31.64 2.10 0.00	30.14 1.86 0.00	28.48 1.72 0.00	23.35 1.34 0.00	18.30 0.99 0.00	16.34 0.84 0.00
CH_RES_BVR_FALLS 23983	11.73 -0.90 4.87	16.02 -0.33 0.00	11.98 -0.27 0.00	8.25 -0.18 0.00	12.55 -0.23 0.00	15.87 -0.19 0.00	15.50 -0.14 0.00	12.14 -0.10 0.00	11.88 -0.07 0.00	10.35 -0.06 0.00	11.98 -0.06 0.00	13.15 -0.07 0.00	13.52 -0.06 0.00	11.61 -0.06 0.00	14.52 -0.08 0.00	16.74 -0.10 0.00	19.09 -0.11 0.00	24.81 -0.13 0.00	29.36 -0.19 0.00	28.15 -0.13 0.00	26.67 -0.09 0.00	21.91 -0.10 0.00	17.23 -0.08 0.00	15.41 -0.08 0.00
CH_RES_NIAGARA 23895	16.72 -0.78 0.00	15.75 -0.59 0.00	11.81 -0.43 0.00	8.11 -0.32 0.00	12.35 -0.43 0.00	15.55 -0.51 0.00	15.04 -0.59 0.00	11.66 -0.58 0.00	11.38 -0.58 0.00	10.01 -0.40 0.00	11.60 -0.44 0.00	12.83 -0.39 0.00	13.16 -0.41 0.00	11.26 -0.40 0.00	14.12 -0.48 0.00	16.19 -0.65 0.00	18.31 -0.90 0.00	23.67 -1.27 0.00	27.81 -1.74 0.00	26.46 -1.83 0.00	24.68 -2.08 0.00	20.42 -1.59 0.00	16.24 -1.07 0.00	14.51 -1.00 0.00
CH_RES_SYRACUSE 23985	17.33 -0.06 0.10	16.31 -0.04 0.00	12.19 -0.05 0.00	8.40 -0.03 0.00	12.76 -0.02 0.00	16.04 -0.02 0.00	15.63 -0.01 0.00	12.21 -0.03 0.00	11.91 -0.04 0.00	10.37 -0.04 0.00	11.99 -0.06 0.00	13.18 -0.05 0.00	13.52 -0.05 0.00	11.59 -0.07 0.00	14.48 -0.11 0.00	16.72 -0.12 0.00	19.08 -0.12 0.00	24.79 -0.15 0.00	29.43 -0.11 0.00	28.13 -0.15 0.00	26.56 -0.20 0.00	21.84 -0.17 0.00	17.20 -0.11 0.00	15.45 -0.05 0.00
CLINTON_WT_PWR 323605	10.37 -1.06 6.08	16.50 0.15 0.00	12.33 0.09 0.00	8.40 -0.03 0.00	12.76 -0.03 0.00	16.06 -0.01 0.00	15.72 0.08 0.00	12.45 0.21 0.00	12.19 0.24 0.00	10.66 0.25 0.00	12.37 0.33 0.00	13.63 0.41 0.00	14.03 0.46 0.00	12.04 0.38 0.00	15.06 0.45 0.00	17.36 0.52 0.00	19.91 0.71 0.00	26.06 1.12 0.00	30.97 1.42 0.00	29.71 1.43 0.00	28.03 1.27 0.00	22.94 0.93 0.00	17.97 0.66 0.00	16.02 0.52 0.00
CLINTON___LFGE 323618	10.44 -1.00 6.06	16.51 0.16 0.00	12.35 0.11 0.00	8.44 0.02 0.00	12.81 0.02 0.00	16.10 0.04 0.00	15.76 0.12 0.00	12.44 0.20 0.00	12.18 0.23 0.00	10.63 0.22 0.00	12.33 0.28 0.00	13.58 0.36 0.00	13.99 0.41 0.00	12.00 0.33 0.00	15.01 0.41 0.00	17.31 0.48 0.00	19.86 0.66 0.00	25.97 1.03 0.00	30.88 1.33 0.00	29.65 1.37 0.00	28.00 1.25 0.00	22.97 0.96 0.00	17.98 0.67 0.00	16.01 0.50 0.00
COBBLENY_34_KV_TB1 80064	17.37 -0.13 0.00	16.34 -0.01 0.00	12.21 -0.03 0.00	8.39 -0.03 0.00	12.83 0.04 0.00	16.14 0.08 0.00	15.64 0.00 0.00	12.15 -0.09 0.00	11.83 -0.12 0.00	10.40 -0.01 0.00	12.07 0.03 0.00	13.34 0.12 0.00	13.66 0.09 0.00	11.71 0.05 0.00	14.70 0.10 0.00	16.92 0.08 0.00	19.15 -0.05 0.00	24.80 -0.14 0.00	29.31 -0.24 0.00	27.93 -0.35 0.00	26.11 -0.65 0.00	21.54 -0.47 0.00	17.05 -0.25 0.00	15.17 -0.33 0.00
COFFEEN___115KV_TB3 355620	15.39 -0.89 1.22	15.70 -0.65 0.00	11.67 -0.57 0.00	8.03 -0.39 0.00	12.34 -0.44 0.00	15.95 -0.11 0.00	15.61 -0.03 0.00	12.09 -0.15 0.00	11.74 -0.22 0.00	10.17 -0.24 0.00	11.73 -0.31 0.00	12.90 -0.32 0.00	13.24 -0.33 0.00	11.27 -0.39 0.00	14.06 -0.54 0.00	16.27 -0.57 0.00	18.54 -0.66 0.00	24.31 -0.63 0.00	29.52 -0.03 0.00	28.25 -0.04 0.00	27.03 0.27 0.00	22.31 0.31 0.00	17.56 0.26 0.00	15.75 0.24 0.00
COLDSPRG_115KV_BK1 355956	17.82 0.32 0.00	16.77 0.42 0.00	12.58 0.34 0.00	8.65 0.22 0.00	13.27 0.49 0.00	16.69 0.63 0.00	16.21 0.58 0.00	12.60 0.36 0.00	12.20 0.25 0.00	10.71 0.30 0.00	12.44 0.40 0.00	13.75 0.53 0.00	14.04 0.47 0.00	12.06 0.39 0.00	15.15 0.55 0.00	17.51 0.67 0.00	19.80 0.60 0.00	25.52 0.58 0.00	30.18 0.63 0.00	28.76 0.48 0.00	26.91 0.14 0.00	22.06 0.05 0.00	17.40 0.09 0.00	15.39 -0.10 0.00
COLONIE_LFGE___ 323577	18.18 0.68 0.00	17.06 0.71 0.00	12.80 0.56 0.00	8.81 0.38 0.00	13.35 0.57 0.00	16.72 0.66 0.00	16.28 0.64 0.00	12.73 0.48 0.00	12.41 0.46 0.00	10.75 0.34 0.00	12.37 0.33 0.00	13.54 0.32 0.00	13.87 0.30 0.00	11.95 0.29 0.00	14.98 0.38 0.00	17.25 0.42 0.00	19.74 0.53 0.00	25.67 0.73 0.00	30.49 0.94 0.00	29.23 0.95 0.00	27.66 0.90 0.00	22.76 0.75 0.00	17.86 0.55 0.00	16.02 0.52 0.00
COOPERNY_115KV_TB1 80082	17.96 0.45 0.00	16.79 0.44 0.00	12.58 0.34 0.00	8.66 0.24 0.00	13.13 0.35 0.00	16.44 0.38 0.00	16.00 0.37 0.00	12.56 0.33 0.00	12.27 0.31 0.00	10.69 0.28 0.00	12.39 0.34 0.00	13.60 0.37 0.00	13.95 0.38 0.00	12.03 0.37 0.00	15.12 0.52 0.00	17.46 0.62 0.00	19.90 0.70 0.00	25.85 0.91 0.00	30.63 1.08 0.00	29.22 0.94 0.00	27.62 0.86 0.00	22.68 0.67 0.00	17.80 0.50 0.00	15.92 0.42 0.00
COPENHAGEN_WT_PWR 323753	15.21 -1.15 1.15	15.46 -0.89 0.00	11.48 -0.76 0.00	7.91 -0.52 0.00	12.19 -0.60 0.00	15.83 -0.23 0.00	15.51 -0.13 0.00	12.04 -0.20 0.00	11.73 -0.22 0.00	10.18 -0.23 0.00	11.75 -0.29 0.00	12.92 -0.30 0.00	13.25 -0.32 0.00	11.29 -0.38 0.00	14.07 -0.53 0.00	16.25 -0.58 0.00	18.53 -0.67 0.00	24.26 -0.68 0.00	29.36 -0.19 0.00	28.10 -0.18 0.00	26.80 0.05 0.00	22.06 0.05 0.00	17.40 0.09 0.00	15.63 0.13 0.00
CORNELL_____ 23752	17.74 0.24 0.00	16.59 0.24 0.00	12.37 0.13 0.00	8.52 0.09 0.00	12.96 0.17 0.00	16.29 0.23 0.00	15.88 0.25 0.00	12.41 0.16 0.00	12.06 0.10 0.00	10.48 0.07 0.00	12.10 0.06 0.00	13.29 0.07 0.00	13.63 0.06 0.00	11.70 0.03 0.00	14.64 0.04 0.00	16.94 0.10 0.00	19.36 0.16 0.00	25.25 0.31 0.00	30.10 0.55 0.00	28.81 0.53 0.00	27.24 0.48 0.00	22.38 0.37 0.00	17.59 0.28 0.00	15.72 0.22 0.00

CORONA_69_KV_TB1 355595	18.80 1.30 0.00	17.51 1.16 0.00	13.10 0.86 0.00	9.03 0.60 0.00	13.68 0.89 0.00	17.13 1.07 0.00	16.55 0.92 0.00	13.08 0.84 0.00	12.68 0.72 0.00	11.11 0.70 0.00	12.95 0.91 0.00	14.22 1.00 0.00	14.66 1.09 0.00	14.79 1.03 -2.09	25.88 1.39 -9.89	25.71 1.62 -7.25	31.52 1.81 -10.51	59.17 2.31 -31.92	49.58 2.67 -17.36	31.36 2.32 -0.76	36.30 2.22 -7.32	27.89 1.74 -4.14	18.64 1.34 0.00	16.64 1.14 0.00
CORTLAND_115KV_TB3 80093	17.66 0.16 0.00	16.53 0.18 0.00	12.34 0.10 0.00	8.50 0.07 0.00	12.92 0.14 0.00	16.25 0.18 0.00	15.83 0.20 0.00	12.37 0.13 0.00	12.03 0.08 0.00	10.46 0.06 0.00	12.10 0.06 0.00	13.29 0.07 0.00	13.62 0.05 0.00	11.70 0.04 0.00	14.64 0.04 0.00	16.93 0.09 0.00	19.32 0.12 0.00	25.13 0.19 0.00	29.96 0.41 0.00	28.65 0.37 0.00	27.10 0.34 0.00	22.27 0.26 0.00	17.51 0.20 0.00	15.66 0.16 0.00
COXSACKIE___GT 23611	18.67 1.17 0.00	17.51 1.17 0.00	13.13 0.89 0.00	9.04 0.61 0.00	13.69 0.90 0.00	17.16 1.10 0.00	16.69 1.05 0.00	12.99 0.75 0.00	12.59 0.63 0.00	10.84 0.43 0.00	12.42 0.38 0.00	13.56 0.34 0.00	13.89 0.32 0.00	11.94 0.28 0.00	14.95 0.35 0.00	17.25 0.41 0.00	19.83 0.63 0.00	25.94 1.00 0.00	31.04 1.49 0.00	29.97 1.69 0.00	28.41 1.66 0.00	23.34 1.33 0.00	18.27 0.96 0.00	16.36 0.86 0.00
CPV_VALLEY___CC1 323721	18.04 0.54 0.00	16.87 0.52 0.00	12.64 0.40 0.00	8.71 0.28 0.00	13.19 0.41 0.00	16.50 0.45 0.00	16.06 0.42 0.00	12.63 0.38 0.00	12.33 0.38 0.00	10.75 0.34 0.00	12.46 0.41 0.00	13.67 0.45 0.00	14.02 0.45 0.00	12.11 0.44 0.00	15.22 0.63 0.00	17.59 0.75 0.00	20.04 0.84 0.00	26.02 1.08 0.00	30.83 1.28 0.00	29.38 1.10 0.00	27.78 1.02 0.00	22.78 0.77 0.00	17.88 0.58 0.00	15.99 0.49 0.00
CPV_VALLEY___CC2 323722	18.04 0.54 0.00	16.87 0.52 0.00	12.64 0.40 0.00	8.71 0.28 0.00	13.19 0.41 0.00	16.50 0.45 0.00	16.06 0.42 0.00	12.63 0.38 0.00	12.33 0.38 0.00	10.75 0.34 0.00	12.46 0.41 0.00	13.67 0.45 0.00	14.02 0.45 0.00	12.11 0.44 0.00	15.22 0.63 0.00	17.59 0.75 0.00	20.04 0.84 0.00	26.02 1.08 0.00	30.83 1.28 0.00	29.38 1.10 0.00	27.78 1.02 0.00	22.78 0.77 0.00	17.88 0.58 0.00	15.99 0.49 0.00
CRESCENT___HYD 24018	18.18 0.68 0.00	17.06 0.71 0.00	12.80 0.56 0.00	8.81 0.38 0.00	13.35 0.57 0.00	16.72 0.66 0.00	16.28 0.64 0.00	12.73 0.48 0.00	12.41 0.46 0.00	10.75 0.34 0.00	12.37 0.33 0.00	13.54 0.32 0.00	13.87 0.30 0.00	11.95 0.29 0.00	14.98 0.38 0.00	17.25 0.42 0.00	19.74 0.53 0.00	25.67 0.73 0.00	30.49 0.94 0.00	29.23 0.95 0.00	27.66 0.90 0.00	22.76 0.75 0.00	17.86 0.55 0.00	16.02 0.52 0.00
CRICKET___VALLEY_CC1 323756	18.20 0.70 0.00	17.07 0.73 0.00	12.82 0.58 0.00	8.83 0.40 0.00	13.37 0.59 0.00	16.73 0.67 0.00	16.28 0.64 0.00	12.78 0.54 0.00	12.48 0.52 0.00	10.84 0.43 0.00	12.54 0.50 0.00	13.73 0.51 0.00	14.08 0.51 0.00	12.17 0.51 0.00	15.31 0.71 0.00	17.66 0.82 0.00	20.09 0.89 0.00	26.07 1.13 0.00	30.90 1.35 0.00	29.50 1.22 0.00	27.91 1.15 0.00	22.90 0.89 0.00	17.96 0.65 0.00	16.09 0.59 0.00
CRICKET___VALLEY_CC2 323757	18.20 0.70 0.00	17.07 0.73 0.00	12.82 0.58 0.00	8.83 0.40 0.00	13.37 0.59 0.00	16.73 0.67 0.00	16.28 0.64 0.00	12.78 0.54 0.00	12.48 0.52 0.00	10.84 0.43 0.00	12.54 0.50 0.00	13.73 0.51 0.00	14.08 0.51 0.00	12.17 0.51 0.00	15.31 0.71 0.00	17.66 0.82 0.00	20.09 0.89 0.00	26.07 1.13 0.00	30.90 1.35 0.00	29.50 1.22 0.00	27.91 1.15 0.00	22.90 0.89 0.00	17.96 0.65 0.00	16.09 0.59 0.00
CRICKET___VALLEY_CC3 323758	18.20 0.70 0.00	17.07 0.73 0.00	12.82 0.58 0.00	8.83 0.40 0.00	13.37 0.59 0.00	16.73 0.67 0.00	16.28 0.64 0.00	12.78 0.54 0.00	12.48 0.52 0.00	10.84 0.43 0.00	12.54 0.50 0.00	13.73 0.51 0.00	14.08 0.51 0.00	12.17 0.51 0.00	15.31 0.71 0.00	17.66 0.82 0.00	20.09 0.89 0.00	26.07 1.13 0.00	30.90 1.35 0.00	29.50 1.22 0.00	27.91 1.15 0.00	22.90 0.89 0.00	17.96 0.65 0.00	16.09 0.59 0.00
CRUCIBLE_METL_DRP 24180	17.33 -0.06 0.10	16.31 -0.04 0.00	12.19 -0.05 0.00	8.40 -0.03 0.00	12.76 -0.02 0.00	16.04 -0.02 0.00	15.63 -0.01 0.00	12.21 -0.03 0.00	11.91 -0.04 0.00	10.37 -0.04 0.00	11.99 -0.06 0.00	13.18 -0.05 0.00	13.52 -0.05 0.00	11.59 -0.07 0.00	14.48 -0.11 0.00	16.72 -0.12 0.00	19.08 -0.12 0.00	24.79 -0.15 0.00	29.43 -0.11 0.00	28.13 -0.15 0.00	26.56 -0.20 0.00	21.84 -0.17 0.00	17.20 -0.11 0.00	15.45 -0.05 0.00
DAHOWA___HYDRO 323763	18.45 0.95 0.00	17.32 0.97 0.00	12.98 0.74 0.00	8.94 0.51 0.00	13.56 0.77 0.00	16.99 0.93 0.00	16.54 0.90 0.00	12.91 0.66 0.00	12.55 0.59 0.00	10.87 0.46 0.00	12.47 0.43 0.00	13.65 0.43 0.00	13.95 0.38 0.00	12.02 0.36 0.00	15.11 0.50 0.00	17.43 0.59 0.00	20.06 0.86 0.00	26.20 1.26 0.00	31.28 1.73 0.00	30.05 1.76 0.00	28.45 1.69 0.00	23.37 1.36 0.00	18.29 0.98 0.00	16.37 0.87 0.00
DANC___LFGE 323619	15.93 -0.79 0.79	15.73 -0.62 0.00	11.71 -0.52 0.00	8.07 -0.36 0.00	12.36 -0.42 0.00	15.84 -0.22 0.00	15.48 -0.15 0.00	12.05 -0.19 0.00	11.73 -0.22 0.00	10.20 -0.21 0.00	11.77 -0.27 0.00	12.94 -0.28 0.00	13.27 -0.30 0.00	11.34 -0.33 0.00	14.14 -0.46 0.00	16.33 -0.51 0.00	18.59 -0.61 0.00	24.26 -0.68 0.00	29.17 -0.38 0.00	27.91 -0.37 0.00	26.53 -0.23 0.00	21.85 -0.17 0.00	17.24 -0.07 0.00	15.49 -0.01 0.00
DANSKAMMER___1 23586	18.41 0.91 0.00	17.22 0.87 0.00	12.91 0.66 0.00	8.88 0.45 0.00	13.46 0.68 0.00	16.85 0.79 0.00	16.39 0.75 0.00	12.88 0.64 0.00	12.57 0.62 0.00	10.95 0.54 0.00	12.70 0.66 0.00	13.94 0.71 0.00	14.31 0.73 0.00	12.38 0.71 0.00	15.58 0.98 0.00	18.01 1.17 0.00	20.55 1.35 0.00	26.70 1.76 0.00	31.64 2.10 0.00	30.14 1.86 0.00	28.48 1.72 0.00	23.35 1.34 0.00	18.30 0.99 0.00	16.34 0.84 0.00
DANSKAMMER___2 23589	18.41 0.91 0.00	17.22 0.87 0.00	12.91 0.66 0.00	8.88 0.45 0.00	13.46 0.68 0.00	16.85 0.79 0.00	16.39 0.75 0.00	12.88 0.64 0.00	12.57 0.62 0.00	10.95 0.54 0.00	12.70 0.66 0.00	13.94 0.71 0.00	14.31 0.73 0.00	12.38 0.71 0.00	15.58 0.98 0.00	18.01 1.17 0.00	20.55 1.35 0.00	26.70 1.76 0.00	31.64 2.10 0.00	30.14 1.86 0.00	28.48 1.72 0.00	23.35 1.34 0.00	18.30 0.99 0.00	16.34 0.84 0.00
DANSKAMMER___3 23590	18.41 0.91 0.00	17.22 0.87 0.00	12.91 0.66 0.00	8.88 0.45 0.00	13.46 0.68 0.00	16.85 0.79 0.00	16.39 0.75 0.00	12.88 0.64 0.00	12.57 0.62 0.00	10.95 0.54 0.00	12.70 0.66 0.00	13.94 0.71 0.00	14.31 0.73 0.00	12.38 0.71 0.00	15.58 0.98 0.00	18.01 1.17 0.00	20.55 1.35 0.00	26.70 1.76 0.00	31.64 2.10 0.00	30.14 1.86 0.00	28.48 1.72 0.00	23.35 1.34 0.00	18.30 0.99 0.00	16.34 0.84 0.00

DANSKAMMER___4 23591	18.41 0.91 0.00	17.22 0.87 0.00	12.91 0.66 0.00	8.88 0.45 0.00	13.46 0.68 0.00	16.85 0.79 0.00	16.39 0.75 0.00	12.88 0.64 0.00	12.57 0.62 0.00	10.95 0.54 0.00	12.70 0.66 0.00	13.94 0.71 0.00	14.31 0.73 0.00	12.38 0.71 0.00	15.58 0.98 0.00	18.01 1.17 0.00	20.55 1.35 0.00	26.70 1.76 0.00	31.64 2.10 0.00	30.14 1.86 0.00	28.48 1.72 0.00	23.35 1.34 0.00	18.30 0.99 0.00	16.34 0.84 0.00
DANSKAMMER___DIESEL 23592	18.41 0.91 0.00	17.22 0.87 0.00	12.91 0.66 0.00	8.88 0.46 0.00	13.46 0.68 0.00	16.85 0.79 0.00	16.39 0.75 0.00	12.88 0.64 0.00	12.57 0.62 0.00	10.95 0.54 0.00	12.70 0.66 0.00	13.94 0.72 0.00	14.31 0.73 0.00	12.38 0.71 0.00	15.58 0.98 0.00	18.01 1.17 0.00	20.55 1.35 0.00	26.70 1.76 0.00	31.64 2.09 0.00	30.14 1.86 0.00	28.48 1.72 0.00	23.35 1.34 0.00	18.30 0.99 0.00	16.34 0.84 0.00
DARBY___SOLAR 323810	18.39 0.89 0.00	17.26 0.91 0.00	12.94 0.70 0.00	8.91 0.48 0.00	13.51 0.73 0.00	16.94 0.88 0.00	16.48 0.84 0.00	12.87 0.63 0.00	12.51 0.56 0.00	10.84 0.42 0.00	12.44 0.40 0.00	13.61 0.39 0.00	13.92 0.35 0.00	12.00 0.33 0.00	15.07 0.47 0.00	17.38 0.55 0.00	19.99 0.79 0.00	26.10 1.16 0.00	31.14 1.59 0.00	29.89 1.61 0.00	28.30 1.54 0.00	23.26 1.25 0.00	18.21 0.90 0.00	16.30 0.80 0.00
DASHVILLE___HYD 23610	18.15 0.65 0.00	16.96 0.61 0.00	12.72 0.48 0.00	8.76 0.33 0.00	13.26 0.48 0.00	16.60 0.54 0.00	16.15 0.51 0.00	12.71 0.48 0.00	12.43 0.47 0.00	10.84 0.43 0.00	12.58 0.54 0.00	13.82 0.60 0.00	14.20 0.63 0.00	12.29 0.62 0.00	15.47 0.87 0.00	17.88 1.04 0.00	20.37 1.17 0.00	26.45 1.51 0.00	31.31 1.76 0.00	29.79 1.51 0.00	28.15 1.40 0.00	23.08 1.07 0.00	18.09 0.79 0.00	16.15 0.65 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	19.04 1.54 0.00	17.62 1.27 0.00	13.32 1.07 0.00	9.35 0.92 0.00	14.17 1.39 0.00	80.12 1.61 -62.45	16.85 1.21 0.00	13.52 1.27 0.00	12.93 0.98 0.00	11.34 0.93 0.00	13.21 1.17 0.00	14.56 1.33 0.00	15.07 1.49 0.00	15.17 1.42 -2.09	26.43 1.94 -9.89	26.36 2.27 -7.25	32.03 2.32 -10.51	239.04 3.35 -210.75	250.48 3.81 -217.12	174.24 3.24 -142.72	36.71 2.63 -7.32	28.47 2.32 -4.14	18.98 1.68 0.00	16.87 1.36 0.00
DELAWARE___LFGE 323621	17.92 0.42 0.00	16.75 0.41 0.00	12.52 0.28 0.00	8.62 0.19 0.00	13.06 0.28 0.00	16.40 0.34 0.00	15.99 0.36 0.00	12.54 0.30 0.00	12.24 0.29 0.00	10.67 0.26 0.00	12.35 0.31 0.00	13.56 0.34 0.00	13.91 0.34 0.00	11.98 0.31 0.00	15.02 0.42 0.00	17.35 0.51 0.00	19.79 0.59 0.00	25.72 0.78 0.00	30.51 0.96 0.00	29.15 0.87 0.00	27.56 0.80 0.00	22.64 0.63 0.00	17.77 0.47 0.00	15.89 0.39 0.00
DERFIELD_115KV_TB7 355931	17.53 0.02 0.00	16.43 0.08 0.00	12.30 0.06 0.00	8.47 0.04 0.00	12.85 0.06 0.00	16.14 0.08 0.00	15.72 0.09 0.00	12.31 0.07 0.00	12.01 0.06 0.00	10.45 0.04 0.00	12.09 0.05 0.00	13.26 0.04 0.00	13.61 0.04 0.00	11.70 0.04 0.00	14.65 0.04 0.00	16.89 0.05 0.00	19.28 0.08 0.00	25.04 0.10 0.00	29.69 0.14 0.00	28.41 0.13 0.00	26.87 0.11 0.00	22.10 0.09 0.00	17.37 0.06 0.00	15.58 0.07 0.00
DOGLEVILLE___HYD 23807	17.72 0.21 0.00	16.58 0.23 0.00	12.34 0.10 0.00	8.48 0.05 0.00	12.84 0.06 0.00	16.13 0.07 0.00	15.74 0.10 0.00	12.27 0.03 0.00	11.91 -0.04 0.00	10.31 -0.10 0.00	11.87 -0.17 0.00	12.99 -0.23 0.00	13.31 -0.26 0.00	11.47 -0.19 0.00	14.38 -0.23 0.00	16.59 -0.24 0.00	19.07 -0.13 0.00	24.81 -0.13 0.00	29.64 0.09 0.00	28.49 0.21 0.00	27.04 0.28 0.00	22.26 0.25 0.00	17.49 0.18 0.00	15.66 0.16 0.00
DUNKIRK___115KV_TB_200 55889	17.28 -0.22 0.00	16.27 -0.08 0.00	12.20 -0.04 0.00	8.39 -0.04 0.00	12.85 0.07 0.00	16.15 0.08 0.00	15.66 0.03 0.00	12.17 -0.07 0.00	11.83 -0.12 0.00	10.40 -0.01 0.00	12.09 0.05 0.00	13.38 0.15 0.00	13.67 0.10 0.00	11.74 0.07 0.00	14.77 0.18 0.00	17.08 0.24 0.00	19.32 0.12 0.00	24.96 0.02 0.00	29.52 -0.03 0.00	28.13 -0.15 0.00	26.33 -0.43 0.00	21.59 -0.42 0.00	17.04 -0.27 0.00	15.05 -0.45 0.00
DUNKIRK___1 23563	17.28 -0.22 0.00	16.27 -0.08 0.00	12.20 -0.04 0.00	8.39 -0.04 0.00	12.85 0.07 0.00	16.15 0.08 0.00	15.66 0.03 0.00	12.17 -0.07 0.00	11.83 -0.12 0.00	10.40 -0.01 0.00	12.09 0.05 0.00	13.38 0.15 0.00	13.67 0.10 0.00	11.74 0.07 0.00	14.77 0.18 0.00	17.08 0.24 0.00	19.32 0.12 0.00	24.96 0.02 0.00	29.52 -0.03 0.00	28.13 -0.15 0.00	26.33 -0.43 0.00	21.59 -0.42 0.00	17.04 -0.27 0.00	15.05 -0.45 0.00
DUNKIRK___2 23564	17.28 -0.22 0.00	16.27 -0.08 0.00	12.20 -0.04 0.00	8.39 -0.04 0.00	12.85 0.07 0.00	16.15 0.08 0.00	15.66 0.03 0.00	12.17 -0.07 0.00	11.83 -0.12 0.00	10.40 -0.01 0.00	12.09 0.05 0.00	13.38 0.15 0.00	13.67 0.10 0.00	11.74 0.07 0.00	14.77 0.18 0.00	17.08 0.24 0.00	19.32 0.12 0.00	24.96 0.02 0.00	29.52 -0.03 0.00	28.13 -0.15 0.00	26.33 -0.43 0.00	21.59 -0.42 0.00	17.04 -0.27 0.00	15.05 -0.45 0.00
DUNKIRK___3 23565	17.28 -0.22 0.00	16.26 -0.09 0.00	12.19 -0.06 0.00	8.38 -0.05 0.00	12.83 0.05 0.00	16.12 0.06 0.00	15.64 0.00 0.00	12.15 -0.09 0.00	11.82 -0.14 0.00	10.38 -0.03 0.00	12.07 0.03 0.00	13.34 0.12 0.00	13.64 0.07 0.00	11.71 0.04 0.00	14.70 0.10 0.00	16.98 0.14 0.00	19.21 0.00 0.00	24.81 -0.13 0.00	29.33 -0.22 0.00	27.94 -0.34 0.00	26.15 -0.61 0.00	21.48 -0.53 0.00	16.97 -0.33 0.00	15.04 -0.46 0.00
DUNKIRK___4 23566	17.28 -0.22 0.00	16.26 -0.09 0.00	12.19 -0.06 0.00	8.38 -0.05 0.00	12.83 0.05 0.00	16.12 0.06 0.00	15.64 0.00 0.00	12.15 -0.09 0.00	11.82 -0.14 0.00	10.38 -0.03 0.00	12.07 0.03 0.00	13.34 0.12 0.00	13.64 0.07 0.00	11.71 0.04 0.00	14.70 0.10 0.00	16.98 0.14 0.00	19.21 0.00 0.00	24.81 -0.13 0.00	29.33 -0.22 0.00	27.94 -0.34 0.00	26.15 -0.61 0.00	21.48 -0.53 0.00	16.97 -0.33 0.00	15.04 -0.46 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.46 0.96 0.00	17.26 0.91 0.00	12.93 0.70 0.00	8.90 0.47 0.00	13.49 0.71 0.00	16.88 0.82 0.00	16.40 0.77 0.00	12.91 0.67 0.00	12.60 0.64 0.00	10.99 0.58 0.00	12.76 0.72 0.00	14.02 0.80 0.00	14.40 0.83 0.00	12.46 0.80 0.00	15.69 1.09 0.00	18.11 1.27 0.00	20.65 1.45 0.00	26.79 1.85 0.00	31.69 2.14 0.00	30.12 1.84 0.00	28.51 1.75 0.00	23.39 1.38 0.00	18.34 1.04 0.00	16.38 0.88 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	18.26 0.76 0.00	17.08 0.73 0.00	12.79 0.55 0.00	8.81 0.38 0.00	13.35 0.57 0.00	16.71 0.65 0.00	16.25 0.62 0.00	12.77 0.54 0.00	12.47 0.52 0.00	10.86 0.45 0.00	12.59 0.55 0.00	13.83 0.61 0.00	14.19 0.62 0.00	12.27 0.61 0.00	15.44 0.84 0.00	17.85 1.01 0.00	20.36 1.15 0.00	26.45 1.51 0.00	31.35 1.80 0.00	29.87 1.58 0.00	28.23 1.47 0.00	23.14 1.13 0.00	18.14 0.84 0.00	16.21 0.71 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	18.54 1.03 0.00	17.32 0.97 0.00	12.98 0.74 0.00	8.93 0.50 0.00	13.53 0.74 0.00	16.92 0.86 0.00	16.44 0.80 0.00	12.95 0.71 0.00	12.63 0.67 0.00	11.01 0.60 0.00	12.80 0.76 0.00	14.05 0.83 0.00	14.44 0.87 0.00	12.48 0.82 0.00	15.74 1.14 0.00	18.17 1.33 0.00	20.72 1.52 0.00	26.87 1.93 0.00	31.79 2.25 0.00	30.23 1.95 0.00	28.66 1.90 0.00	23.48 1.47 0.00	18.40 1.09 0.00	16.42 0.92 0.00
E179THST_13_KV_LOAD 356214	18.61 1.11 0.00	17.39 1.05 0.00	13.03 0.79 0.00	8.96 0.53 0.00	13.58 0.80 0.00	16.98 0.92 0.00	16.50 0.87 0.00	13.00 0.76 0.00	12.68 0.73 0.00	11.06 0.65 0.00	12.86 0.82 0.00	14.12 0.90 0.00	14.50 0.93 0.00	12.54 0.88 0.00	15.81 1.21 0.00	18.26 1.42 0.00	20.82 1.62 0.00	27.00 2.06 0.00	31.95 2.40 0.00	30.37 2.09 0.00	28.80 2.04 0.00	23.59 1.58 0.00	18.49 1.18 0.00	16.50 1.00 0.00
EAST HAMPTON___GT 23717	18.90 1.40 0.00	17.48 1.13 0.00	13.30 1.06 0.00	9.41 0.99 0.00	14.22 1.43 0.00	79.94 1.46 -62.43	16.70 1.06 0.00	13.50 1.25 0.00	12.87 0.92 0.00	11.31 0.90 0.00	13.32 1.28 0.00	14.66 1.44 0.00	15.17 1.60 0.00	15.27 1.51 -2.09	26.55 2.06 -9.89	26.48 2.39 -7.25	32.07 2.35 -10.51	239.18 3.53 -210.71	250.57 3.95 -217.07	174.29 3.33 -142.68	36.53 2.44 -7.33	28.46 2.31 -4.14	18.91 1.60 0.00	16.79 1.29 0.00
EAST RIVER___6 23660	18.52 1.02 0.00	17.31 0.95 0.00	12.96 0.72 0.00	8.92 0.49 0.00	13.52 0.73 0.00	16.91 0.85 0.00	16.45 0.81 0.00	12.95 0.71 0.00	12.64 0.69 0.00	11.03 0.62 0.00	12.84 0.79 0.00	14.11 0.88 0.00	14.49 0.92 0.00	12.53 0.87 0.00	15.79 1.19 0.00	18.23 1.39 0.00	20.79 1.59 0.00	26.95 2.01 0.00	31.84 2.29 0.00	30.22 1.94 0.00	28.63 1.87 0.00	23.47 1.46 0.00	18.40 1.09 0.00	16.42 0.92 0.00
EAST RIVER___7 23524	18.52 1.02 0.00	17.31 0.95 0.00	12.96 0.72 0.00	8.92 0.49 0.00	13.52 0.73 0.00	16.91 0.85 0.00	16.45 0.81 0.00	12.95 0.71 0.00	12.64 0.69 0.00	11.03 0.62 0.00	12.84 0.79 0.00	14.11 0.88 0.00	14.49 0.92 0.00	12.53 0.87 0.00	15.79 1.19 0.00	18.23 1.39 0.00	20.79 1.59 0.00	26.95 2.01 0.00	31.84 2.29 0.00	30.22 1.94 0.00	28.63 1.87 0.00	23.47 1.46 0.00	18.40 1.09 0.00	16.42 0.92 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.42 0.92 0.00	17.23 0.88 0.00	12.91 0.67 0.00	8.89 0.46 0.00	13.47 0.68 0.00	16.85 0.79 0.00	16.38 0.74 0.00	12.89 0.64 0.00	12.57 0.62 0.00	10.96 0.55 0.00	12.74 0.70 0.00	13.98 0.76 0.00	14.36 0.79 0.00	12.42 0.76 0.00	15.64 1.04 0.00	18.06 1.22 0.00	20.59 1.39 0.00	26.72 1.78 0.00	31.61 2.06 0.00	30.06 1.78 0.00	28.45 1.69 0.00	23.34 1.32 0.00	18.29 0.99 0.00	16.34 0.84 0.00
EAST_HAMPTON___DIESEL 23722	18.86 1.36 0.00	17.42 1.08 0.00	13.28 1.04 0.00	9.42 0.99 0.00	14.23 1.44 0.00	79.93 1.45 -62.43	16.66 1.02 0.00	13.49 1.25 0.00	12.86 0.91 0.00	11.31 0.90 0.00	13.32 1.27 0.00	14.67 1.45 0.00	15.17 1.61 0.00	15.28 1.52 -2.09	26.56 2.07 -9.89	26.48 2.39 -7.25	32.07 2.36 -10.51	239.18 3.53 -210.71	250.56 3.94 -217.07	174.27 3.30 -142.68	36.50 2.41 -7.33	28.41 2.27 -4.14	18.87 1.56 0.00	16.75 1.25 0.00
EAST_POINT___SOLAR 323840	18.30 0.80 0.00	17.09 0.75 0.00	12.74 0.50 0.00	8.76 0.33 0.00	13.29 0.51 0.00	16.81 0.75 0.00	16.31 0.68 0.00	12.62 0.37 0.00	12.26 0.31 0.00	10.72 0.31 0.00	12.43 0.39 0.00	13.68 0.45 0.00	14.06 0.49 0.00	12.11 0.45 0.00	15.21 0.61 0.00	17.59 0.75 0.00	20.05 0.84 0.00	26.14 1.20 0.00	31.08 1.53 0.00	29.99 1.71 0.00	28.45 1.69 0.00	23.42 1.41 0.00	18.39 1.09 0.00	16.46 0.96 0.00
EAST_PULASKI___ESR 323781	16.66 -0.42 0.42	16.01 -0.34 0.00	11.95 -0.29 0.00	8.23 -0.20 0.00	12.54 -0.24 0.00	15.88 -0.18 0.00	15.48 -0.15 0.00	12.07 -0.16 0.00	11.76 -0.20 0.00	10.22 -0.19 0.00	11.81 -0.24 0.00	12.98 -0.24 0.00	13.31 -0.26 0.00	11.40 -0.27 0.00	14.23 -0.37 0.00	16.41 -0.42 0.00	18.69 -0.51 0.00	24.31 -0.63 0.00	29.05 -0.50 0.00	27.77 -0.51 0.00	26.30 -0.46 0.00	21.67 -0.34 0.00	17.11 -0.20 0.00	15.38 -0.12 0.00
EAST_RIVER___1 323558	18.51 1.01 0.00	17.30 0.95 0.00	12.96 0.72 0.00	8.92 0.49 0.00	13.52 0.73 0.00	16.91 0.85 0.00	16.44 0.80 0.00	12.94 0.70 0.00	12.63 0.68 0.00	11.02 0.61 0.00	12.82 0.78 0.00	14.09 0.86 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.76 1.16 0.00	18.19 1.36 0.00	20.75 1.55 0.00	26.91 1.97 0.00	31.82 2.27 0.00	30.20 1.92 0.00	28.61 1.86 0.00	23.46 1.45 0.00	18.40 1.09 0.00	16.42 0.92 0.00
EAST_RIVER___2 323559	18.52 1.02 0.00	17.31 0.95 0.00	12.96 0.72 0.00	8.92 0.49 0.00	13.52 0.73 0.00	16.91 0.85 0.00	16.45 0.81 0.00	12.95 0.71 0.00	12.64 0.69 0.00	11.03 0.62 0.00	12.84 0.79 0.00	14.11 0.88 0.00	14.49 0.92 0.00	12.53 0.87 0.00	15.79 1.19 0.00	18.23 1.39 0.00	20.79 1.59 0.00	26.95 2.01 0.00	31.84 2.29 0.00	30.22 1.94 0.00	28.63 1.87 0.00	23.47 1.46 0.00	18.40 1.09 0.00	16.42 0.92 0.00
EAST___DELAWARE_HYD 23607	17.73 0.23 0.00	16.52 0.17 0.00	12.36 0.13 0.00	8.52 0.09 0.00	12.90 0.12 0.00	16.15 0.09 0.00	15.72 0.08 0.00	12.36 0.12 0.00	12.14 0.19 0.00	10.56 0.15 0.00	12.24 0.20 0.00	13.43 0.20 0.00	13.77 0.20 0.00	11.91 0.25 0.00	14.99 0.39 0.00	17.33 0.49 0.00	19.80 0.60 0.00	25.79 0.85 0.00	30.62 1.07 0.00	29.22 0.94 0.00	27.62 0.86 0.00	22.66 0.65 0.00	17.74 0.43 0.00	15.84 0.33 0.00
EIGHT_POINT___WT_PWR 323820	17.51 -0.09 -0.09	16.37 -0.07 -0.10	12.11 -0.23 -0.09	8.25 -0.24 -0.06	12.79 -0.05 -0.05	16.13 0.00 -0.07	15.73 0.05 -0.06	12.28 0.04 0.00	11.94 -0.02 0.00	10.44 0.03 0.00	12.10 0.06 0.00	13.33 0.11 0.00	13.64 0.07 0.00	11.71 0.05 0.00	14.69 0.09 0.00	16.99 0.15 0.00	19.33 0.12 0.00	25.03 0.09 0.00	29.72 0.17 0.00	28.41 0.12 0.00	26.72 -0.06 -0.02	22.15 -0.19 -0.33	17.27 -0.32 -0.29	15.07 -0.53 -0.10
ELBRIDGE_115KV_TB2 80188	17.38 -0.12 0.00	16.25 -0.10 0.00	12.15 -0.08 0.00	8.38 -0.05 0.00	12.73 -0.06 0.00	15.99 -0.07 0.00	15.57 -0.06 0.00	12.16 -0.08 0.00	11.86 -0.09 0.00	10.32 -0.09 0.00	11.93 -0.11 0.00	13.12 -0.10 0.00	13.45 -0.11 0.00	11.54 -0.13 0.00	14.41 -0.19 0.00	16.64 -0.20 0.00	18.98 -0.22 0.00	24.66 -0.28 0.00	29.28 -0.27 0.00	28.00 -0.28 0.00	26.43 -0.33 0.00	21.73 -0.28 0.00	17.12 -0.19 0.00	15.37 -0.13 0.00
ELEC_TRO_TEK 24086	18.69 1.19 0.00	17.41 1.06 0.00	13.04 0.80 0.00	8.99 0.56 0.00	13.61 0.82 0.00	17.04 0.98 0.00	16.47 0.84 0.00	13.02 0.78 0.00	12.62 0.67 0.00	11.05 0.64 0.00	12.88 0.84 0.00	14.14 0.92 0.00	14.57 1.00 0.00	14.70 0.95 -2.09	25.77 1.28 -9.89	25.57 1.48 -7.25	31.35 1.64 -10.51	58.96 2.10 -31.92	49.35 2.44 -17.36	31.14 2.10 -0.76	36.10 2.02 -7.32	27.78 1.63 -4.14	18.52 1.22 0.00	16.53 1.03 0.00

ELLENBURG_WT_PWR 323604	10.37 -1.06 6.08	16.50 0.15 0.00	12.33 0.09 0.00	8.40 -0.03 0.00	12.76 -0.03 0.00	16.06 -0.01 0.00	15.72 0.08 0.00	12.45 0.21 0.00	12.19 0.24 0.00	10.66 0.25 0.00	12.37 0.33 0.00	13.63 0.41 0.00	14.03 0.46 0.00	12.04 0.38 0.00	15.06 0.45 0.00	17.36 0.52 0.00	19.91 0.71 0.00	26.06 1.12 0.00	30.97 1.42 0.00	29.71 1.43 0.00	28.03 1.27 0.00	22.94 0.93 0.00	17.97 0.66 0.00	16.02 0.52 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.14 -0.36 0.00	16.14 -0.21 0.00	12.08 -0.16 0.00	8.30 -0.13 0.00	12.67 -0.11 0.00	15.95 -0.11 0.00	15.45 -0.19 0.00	11.99 -0.25 0.00	11.68 -0.27 0.00	10.27 -0.14 0.00	11.91 -0.13 0.00	13.17 -0.05 0.00	13.50 -0.07 0.00	11.56 -0.10 0.00	14.51 -0.09 0.00	16.68 -0.15 0.00	18.88 -0.33 0.00	24.42 -0.52 0.00	28.83 -0.71 0.00	27.46 -0.82 0.00	25.66 -1.10 0.00	21.18 -0.83 0.00	16.79 -0.52 0.00	14.96 -0.55 0.00
EMPIRE_CC_1 323656	18.00 0.50 0.00	16.91 0.57 0.00	12.69 0.45 0.00	8.74 0.31 0.00	13.25 0.46 0.00	16.55 0.49 0.00	16.10 0.47 0.00	12.59 0.35 0.00	12.30 0.35 0.00	10.67 0.26 0.00	12.29 0.24 0.00	13.45 0.23 0.00	13.79 0.21 0.00	11.88 0.22 0.00	14.87 0.27 0.00	17.07 0.24 0.00	19.48 0.28 0.00	25.30 0.36 0.00	30.00 0.45 0.00	28.72 0.44 0.00	27.19 0.43 0.00	22.38 0.37 0.00	17.56 0.26 0.00	15.78 0.28 0.00
EMPIRE_CC_2 323658	18.00 0.50 0.00	16.91 0.57 0.00	12.69 0.45 0.00	8.74 0.31 0.00	13.25 0.46 0.00	16.55 0.49 0.00	16.10 0.47 0.00	12.59 0.35 0.00	12.30 0.35 0.00	10.67 0.26 0.00	12.29 0.24 0.00	13.45 0.23 0.00	13.79 0.21 0.00	11.88 0.22 0.00	14.87 0.27 0.00	17.07 0.24 0.00	19.48 0.28 0.00	25.30 0.36 0.00	30.00 0.45 0.00	28.72 0.44 0.00	27.19 0.43 0.00	22.38 0.37 0.00	17.56 0.26 0.00	15.78 0.28 0.00
ENORWICH_115KV_TB1 80156	18.47 0.97 0.00	17.22 0.87 0.00	12.69 0.45 0.00	8.63 0.20 0.00	13.12 0.33 0.00	16.65 0.58 0.00	16.40 0.76 0.00	12.81 0.57 0.00	12.44 0.48 0.00	10.80 0.39 0.00	12.46 0.42 0.00	13.68 0.46 0.00	14.00 0.43 0.00	12.01 0.34 0.00	15.04 0.45 0.00	17.45 0.61 0.00	20.08 0.88 0.00	26.34 1.40 0.00	31.50 1.95 0.00	30.31 2.03 0.00	28.72 1.96 0.00	23.58 1.57 0.00	18.49 1.18 0.00	16.47 0.96 0.00
ERIE_ST__34_KV_TB1-2 80199	17.47 -0.03 0.00	16.44 0.09 0.00	12.28 0.05 0.00	8.44 0.01 0.00	12.90 0.12 0.00	16.23 0.17 0.00	15.73 0.09 0.00	12.20 -0.04 0.00	11.87 -0.08 0.00	10.43 0.02 0.00	12.10 0.06 0.00	13.38 0.16 0.00	13.72 0.15 0.00	11.75 0.08 0.00	14.75 0.15 0.00	16.97 0.14 0.00	19.22 0.02 0.00	24.90 -0.05 0.00	29.40 -0.15 0.00	28.01 -0.27 0.00	26.18 -0.58 0.00	21.59 -0.42 0.00	17.10 -0.20 0.00	15.24 -0.26 0.00
ERIE_WT_PWR 323693	16.99 -0.24 0.27	15.95 -0.11 0.29	11.87 -0.09 0.29	8.18 -0.07 0.17	12.60 -0.02 0.16	15.84 -0.01 0.21	15.40 -0.08 0.16	12.06 -0.17 0.01	11.77 -0.19 0.00	10.34 -0.07 0.00	12.00 -0.04 0.00	13.26 0.04 0.00	13.59 0.01 0.00	11.65 -0.01 0.00	14.60 0.00 0.00	16.80 -0.04 0.00	19.02 -0.18 0.00	24.61 -0.33 0.00	29.08 -0.47 0.00	27.70 -0.58 0.00	25.84 -0.87 0.05	20.36 -0.65 1.00	16.05 -0.38 0.87	14.77 -0.43 0.30
ESPRGFLD_115KV_TB1 80157	18.09 0.59 0.00	16.89 0.54 0.00	12.58 0.34 0.00	8.64 0.21 0.00	13.11 0.32 0.00	16.56 0.50 0.00	16.17 0.53 0.00	12.61 0.36 0.00	12.29 0.34 0.00	10.75 0.35 0.00	12.50 0.46 0.00	13.75 0.53 0.00	14.13 0.56 0.00	12.16 0.49 0.00	15.24 0.64 0.00	17.61 0.78 0.00	20.07 0.87 0.00	26.14 1.20 0.00	31.02 1.47 0.00	29.76 1.48 0.00	28.15 1.39 0.00	23.15 1.14 0.00	18.17 0.87 0.00	16.24 0.74 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	17.73 0.23 0.00	16.58 0.23 0.00	12.37 0.13 0.00	8.51 0.08 0.00	12.95 0.16 0.00	16.28 0.22 0.00	15.87 0.23 0.00	12.40 0.15 0.00	12.05 0.09 0.00	10.47 0.06 0.00	12.09 0.05 0.00	13.29 0.06 0.00	13.61 0.04 0.00	11.69 0.03 0.00	14.63 0.03 0.00	16.92 0.09 0.00	19.35 0.14 0.00	25.21 0.27 0.00	30.05 0.50 0.00	28.77 0.49 0.00	27.20 0.44 0.00	22.35 0.34 0.00	17.57 0.26 0.00	15.71 0.20 0.00
ETNA____115KV_TB2 80207	17.73 0.23 0.00	16.58 0.23 0.00	12.37 0.13 0.00	8.51 0.08 0.00	12.95 0.16 0.00	16.28 0.22 0.00	15.87 0.23 0.00	12.40 0.15 0.00	12.05 0.09 0.00	10.47 0.06 0.00	12.09 0.05 0.00	13.29 0.06 0.00	13.61 0.04 0.00	11.69 0.03 0.00	14.63 0.03 0.00	16.92 0.09 0.00	19.35 0.14 0.00	25.21 0.27 0.00	30.05 0.50 0.00	28.77 0.49 0.00	27.20 0.44 0.00	22.35 0.34 0.00	17.57 0.26 0.00	15.71 0.20 0.00
EUCLID__115KV_TB2 356179	17.16 -0.22 0.12	16.17 -0.18 0.00	12.09 -0.15 0.00	8.33 -0.10 0.00	12.65 -0.14 0.00	15.90 -0.17 0.00	15.47 -0.16 0.00	12.09 -0.15 0.00	11.80 -0.16 0.00	10.28 -0.13 0.00	11.89 -0.15 0.00	13.07 -0.16 0.00	13.40 -0.17 0.00	11.50 -0.17 0.00	14.37 -0.23 0.00	16.57 -0.26 0.00	18.88 -0.32 0.00	24.51 -0.43 0.00	29.11 -0.43 0.00	27.81 -0.47 0.00	26.26 -0.50 0.00	21.60 -0.41 0.00	17.02 -0.29 0.00	15.30 -0.19 0.00
E_CANADA_CAP_HY 24051	18.27 0.77 0.00	17.06 0.71 0.00	12.71 0.47 0.00	8.74 0.31 0.00	13.26 0.48 0.00	16.78 0.72 0.00	16.31 0.67 0.00	12.63 0.39 0.00	12.28 0.33 0.00	10.75 0.34 0.00	12.47 0.43 0.00	13.72 0.50 0.00	14.10 0.54 0.00	12.14 0.48 0.00	15.24 0.64 0.00	17.60 0.76 0.00	20.05 0.85 0.00	26.14 1.21 0.00	31.05 1.50 0.00	29.94 1.65 0.00	28.38 1.62 0.00	23.37 1.36 0.00	18.36 1.06 0.00	16.44 0.94 0.00
E_CANADA_MHWK_HY 24050	17.72 0.21 0.00	16.58 0.23 0.00	12.34 0.10 0.00	8.48 0.05 0.00	12.84 0.06 0.00	16.13 0.07 0.00	15.74 0.10 0.00	12.27 0.03 0.00	11.91 -0.04 0.00	10.31 -0.10 0.00	11.87 -0.17 0.00	12.99 -0.23 0.00	13.31 -0.26 0.00	11.47 -0.19 0.00	14.38 -0.23 0.00	16.59 -0.24 0.00	19.07 -0.13 0.00	24.81 -0.13 0.00	29.64 0.09 0.00	28.49 0.21 0.00	27.04 0.28 0.00	22.26 0.25 0.00	17.49 0.18 0.00	15.66 0.16 0.00
E_FISHKILL__LBMP 23776	18.29 0.79 0.00	17.11 0.77 0.00	12.83 0.59 0.00	8.84 0.41 0.00	13.39 0.60 0.00	16.75 0.69 0.00	16.29 0.65 0.00	12.80 0.56 0.00	12.50 0.54 0.00	10.88 0.47 0.00	12.62 0.58 0.00	13.84 0.62 0.00	14.21 0.64 0.00	12.28 0.62 0.00	15.45 0.85 0.00	17.83 1.00 0.00	20.33 1.13 0.00	26.38 1.44 0.00	31.24 1.69 0.00	29.76 1.48 0.00	28.16 1.40 0.00	23.10 1.10 0.00	18.12 0.81 0.00	16.20 0.70 0.00
FALCON___SEABRD_CC1 323796	10.46 -0.96 6.08	16.56 0.22 0.00	12.40 0.16 0.00	8.47 0.04 0.00	12.86 0.07 0.00	16.15 0.09 0.00	15.80 0.16 0.00	12.48 0.24 0.00	12.22 0.27 0.00	10.67 0.26 0.00	12.37 0.33 0.00	13.64 0.42 0.00	14.04 0.48 0.00	12.05 0.39 0.00	15.08 0.48 0.00	17.39 0.55 0.00	19.94 0.73 0.00	26.08 1.14 0.00	31.00 1.45 0.00	29.74 1.46 0.00	28.07 1.31 0.00	23.02 1.01 0.00	18.02 0.72 0.00	16.06 0.56 0.00

FALCON___SEABRD_CC2 323797	10.46 -0.96 6.08	16.56 0.22 0.00	12.40 0.16 0.00	8.47 0.04 0.00	12.86 0.07 0.00	16.15 0.09 0.00	15.80 0.16 0.00	12.48 0.24 0.00	12.22 0.27 0.00	10.67 0.26 0.00	12.37 0.33 0.00	13.64 0.42 0.00	14.04 0.48 0.00	12.05 0.39 0.00	15.08 0.48 0.00	17.39 0.55 0.00	19.94 0.73 0.00	26.08 1.14 0.00	31.00 1.45 0.00	29.74 1.46 0.00	28.07 1.31 0.00	23.02 1.01 0.00	18.02 0.72 0.00	16.06 0.56 0.00
FAR ROCKAWAY___4 23548	18.94 1.44 0.00	17.64 1.29 0.00	13.20 0.95 0.00	9.09 0.66 0.00	13.76 0.98 0.00	17.24 1.18 0.00	16.66 1.02 0.00	13.17 0.93 0.00	12.76 0.81 0.00	11.19 0.78 0.00	13.05 1.01 0.00	14.34 1.12 0.00	14.79 1.22 0.00	14.90 1.15 -2.09	26.03 1.54 -9.89	25.88 1.79 -7.25	31.72 2.01 -10.51	59.42 2.56 -31.92	49.87 2.96 -17.36	31.63 2.59 -0.76	36.53 2.45 -7.32	27.96 1.81 -4.14	18.79 1.49 0.00	16.77 1.27 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.52 1.01 0.00	17.30 0.95 0.00	12.97 0.72 0.00	8.92 0.49 0.00	13.52 0.74 0.00	16.92 0.86 0.00	16.45 0.81 0.00	12.95 0.70 0.00	12.64 0.68 0.00	11.02 0.61 0.00	12.82 0.78 0.00	14.09 0.87 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.77 1.16 0.00	21.59 1.36 -3.39	30.35 1.55 -9.60	29.17 1.97 -2.26	31.82 2.27 0.00	30.23 1.95 0.00	28.63 1.87 0.00	23.47 1.46 0.00	18.41 1.10 0.00	16.43 0.93 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.52 1.02 0.00	17.31 0.96 0.00	12.98 0.73 0.00	8.92 0.50 0.00	13.53 0.74 0.00	16.92 0.86 0.00	16.45 0.82 0.00	12.95 0.71 0.00	12.64 0.69 0.00	11.03 0.62 0.00	12.83 0.79 0.00	14.09 0.87 0.00	14.48 0.90 0.00	12.52 0.86 0.00	15.77 1.17 0.00	18.20 1.37 0.00	20.77 1.57 0.00	26.93 1.99 0.00	31.84 2.29 0.00	30.24 1.96 0.00	28.64 1.88 0.00	23.48 1.47 0.00	18.41 1.10 0.00	16.43 0.93 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.50 1.00 0.00	17.30 0.95 0.00	12.96 0.72 0.00	8.92 0.49 0.00	13.52 0.73 0.00	16.91 0.85 0.00	16.44 0.80 0.00	12.94 0.70 0.00	12.63 0.68 0.00	11.02 0.61 0.00	12.82 0.77 0.00	14.08 0.86 0.00	14.46 0.89 0.00	12.51 0.85 0.00	15.75 1.15 0.00	18.19 1.35 0.00	20.75 1.55 0.00	26.90 1.96 0.00	31.80 2.26 0.00	30.21 1.92 0.00	28.61 1.85 0.00	23.46 1.45 0.00	18.40 1.09 0.00	16.42 0.92 0.00
FARRAGUT___LBMP 323566	18.49 0.99 0.00	17.28 0.94 0.00	12.95 0.71 0.00	8.91 0.49 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.43 0.79 0.00	12.93 0.69 0.00	12.62 0.67 0.00	11.01 0.60 0.00	12.81 0.77 0.00	14.07 0.85 0.00	14.45 0.88 0.00	12.50 0.84 0.00	15.74 1.14 0.00	18.17 1.34 0.00	20.73 1.53 0.00	26.88 1.94 0.00	31.78 2.23 0.00	30.18 1.90 0.00	28.59 1.83 0.00	23.44 1.43 0.00	18.38 1.08 0.00	16.41 0.91 0.00
FENNER___WINDPWR 24204	17.53 0.18 0.15	16.55 0.20 0.00	12.36 0.12 0.00	8.51 0.08 0.00	12.94 0.15 0.00	16.30 0.24 0.00	15.88 0.25 0.00	12.40 0.16 0.00	12.07 0.12 0.00	10.50 0.09 0.00	12.14 0.10 0.00	13.33 0.11 0.00	13.67 0.10 0.00	11.74 0.07 0.00	14.69 0.09 0.00	16.97 0.13 0.00	19.39 0.19 0.00	25.23 0.29 0.00	30.08 0.53 0.00	28.81 0.53 0.00	27.26 0.50 0.00	22.41 0.40 0.00	17.61 0.31 0.00	15.76 0.26 0.00
FIBERTEK___ENERGY 23856	17.33 -0.06 0.10	16.31 -0.04 0.00	12.19 -0.05 0.00	8.40 -0.03 0.00	12.76 -0.02 0.00	16.04 -0.02 0.00	15.63 -0.01 0.00	12.21 -0.03 0.00	11.91 -0.04 0.00	10.37 -0.04 0.00	11.99 -0.06 0.00	13.18 -0.05 0.00	13.52 -0.05 0.00	11.59 -0.07 0.00	14.48 -0.11 0.00	16.72 -0.12 0.00	19.08 -0.12 0.00	24.79 -0.15 0.00	29.43 -0.11 0.00	28.13 -0.15 0.00	26.56 -0.20 0.00	21.84 -0.17 0.00	17.20 -0.11 0.00	15.45 -0.05 0.00
FITZPATRICK____ 23598	17.05 -0.45 0.00	15.95 -0.40 0.00	11.94 -0.30 0.00	8.22 -0.21 0.00	12.48 -0.30 0.00	15.69 -0.37 0.00	15.27 -0.37 0.00	11.94 -0.30 0.00	11.65 -0.31 0.00	10.15 -0.26 0.00	11.74 -0.31 0.00	12.90 -0.32 0.00	13.23 -0.34 0.00	11.34 -0.32 0.00	14.17 -0.43 0.00	16.33 -0.51 0.00	18.60 -0.61 0.00	24.12 -0.81 0.00	28.62 -0.93 0.00	27.37 -0.91 0.00	25.86 -0.90 0.00	21.28 -0.73 0.00	16.78 -0.52 0.00	15.10 -0.40 0.00
FLOWRFLD_69_KV_BK1 356044	19.07 1.56 0.00	17.71 1.36 0.00	13.26 1.01 0.00	9.16 0.73 0.00	13.87 1.09 0.00	75.88 1.46 -58.36	16.84 1.20 0.00	13.37 1.13 0.00	12.86 0.91 0.00	11.27 0.86 0.00	13.07 1.03 0.00	14.35 1.13 0.00	14.84 1.26 0.00	14.96 1.21 -2.09	26.14 1.66 -9.89	26.02 1.93 -7.25	31.71 2.00 -10.51	226.64 2.65 -199.06	236.61 3.02 -204.05	164.26 2.55 -133.43	36.60 2.51 -7.32	28.31 2.16 -4.14	18.91 1.60 0.00	16.85 1.35 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.45 0.95 0.00	17.26 0.91 0.00	12.93 0.69 0.00	8.90 0.48 0.00	13.49 0.70 0.00	16.88 0.82 0.00	16.42 0.79 0.00	12.91 0.67 0.00	12.60 0.64 0.00	10.97 0.56 0.00	12.73 0.68 0.00	13.97 0.74 0.00	14.34 0.77 0.00	12.40 0.74 0.00	15.61 1.02 0.00	18.05 1.21 0.00	20.60 1.40 0.00	26.77 1.84 0.00	31.72 2.18 0.00	30.21 1.93 0.00	28.55 1.79 0.00	23.41 1.40 0.00	18.34 1.03 0.00	16.37 0.87 0.00
FORT ORANGE____ 23900	18.12 0.62 0.00	17.00 0.65 0.00	12.76 0.51 0.00	8.79 0.36 0.00	13.30 0.52 0.00	16.65 0.60 0.00	16.20 0.56 0.00	12.67 0.42 0.00	12.34 0.39 0.00	10.69 0.28 0.00	12.30 0.25 0.00	13.45 0.22 0.00	13.78 0.20 0.00	11.85 0.18 0.00	14.83 0.22 0.00	17.08 0.24 0.00	19.53 0.32 0.00	25.38 0.44 0.00	30.14 0.59 0.00	28.89 0.61 0.00	27.34 0.58 0.00	22.49 0.47 0.00	17.66 0.36 0.00	15.86 0.35 0.00
FORT_DRUM_COGEN 23780	15.21 -1.00 1.30	15.62 -0.72 0.00	11.61 -0.63 0.00	8.00 -0.43 0.00	12.29 -0.49 0.00	15.90 -0.16 0.00	15.57 -0.07 0.00	12.07 -0.16 0.00	11.74 -0.21 0.00	10.19 -0.22 0.00	11.76 -0.28 0.00	12.92 -0.30 0.00	13.26 -0.31 0.00	11.30 -0.36 0.00	14.10 -0.51 0.00	16.29 -0.54 0.00	18.58 -0.62 0.00	24.34 -0.60 0.00	29.47 -0.08 0.00	28.22 -0.06 0.00	26.94 0.18 0.00	22.21 0.19 0.00	17.48 0.17 0.00	15.68 0.18 0.00
FOX_HILLS___ESR 323835	18.53 1.03 0.00	17.33 0.98 0.00	12.98 0.74 0.00	8.92 0.49 0.00	13.52 0.73 0.00	16.92 0.86 0.00	16.45 0.81 0.00	12.95 0.71 0.00	12.63 0.68 0.00	11.02 0.61 0.00	12.81 0.77 0.00	14.05 0.83 0.00	14.43 0.86 0.00	12.49 0.82 0.00	15.74 1.14 0.00	18.17 1.34 0.00	20.75 1.54 -0.01	26.92 1.98 0.00	60.55 2.26 -28.74	30.28 1.99 0.00	28.69 1.92 -0.01	23.53 1.51 -0.01	18.44 1.13 0.00	16.45 0.95 0.00
FPL FAR_ROCK_GT1 24212	18.94 1.44 0.00	17.64 1.29 0.00	13.20 0.96 0.00	9.09 0.66 0.00	13.76 0.98 0.00	17.24 1.18 0.00	16.66 1.02 0.00	13.17 0.93 0.00	12.76 0.81 0.00	11.19 0.78 0.00	13.05 1.01 0.00	14.34 1.12 0.00	14.79 1.22 0.00	14.91 1.15 -2.09	26.03 1.54 -9.89	25.88 1.79 -7.25	31.72 2.01 -10.51	59.42 2.56 -31.92	49.87 2.96 -17.36	31.63 2.58 -0.76	36.54 2.45 -7.33	27.96 1.81 -4.14	18.79 1.49 0.00	16.77 1.27 0.00



FPL FAR_ROCK_GT2 23815	18.94 1.44 0.00	17.64 1.29 0.00	13.20 0.96 0.00	9.09 0.66 0.00	13.76 0.98 0.00	17.24 1.18 0.00	16.66 1.02 0.00	13.17 0.93 0.00	12.76 0.81 0.00	11.19 0.78 0.00	13.05 1.01 0.00	14.34 1.12 0.00	14.79 1.22 0.00	14.91 1.15 -2.09	26.03 1.54 -9.89	25.88 1.79 -7.25	31.72 2.01 -10.51	59.42 2.56 -31.92	49.87 2.96 -17.36	31.63 2.58 -0.76	36.54 2.45 -7.33	27.96 1.81 -4.14	18.79 1.49 0.00	16.77 1.27 0.00
FRANKLIN_FALL_HYD 24054	10.57 -1.22 5.70	16.23 -0.12 0.00	12.14 -0.10 0.00	8.31 -0.11 0.00	12.62 -0.16 0.00	15.92 -0.14 0.00	15.56 -0.08 0.00	12.22 -0.02 0.00	11.96 0.01 0.00	10.45 0.04 0.00	12.11 0.07 0.00	13.31 0.09 0.00	13.72 0.15 0.00	11.76 0.10 0.00	14.69 0.09 0.00	16.96 0.12 0.00	19.39 0.19 0.00	25.30 0.36 0.00	30.00 0.45 0.00	28.88 0.60 0.00	27.42 0.66 0.00	22.54 0.52 0.00	17.65 0.34 0.00	15.67 0.17 0.00
FREEPORT_EQUS_GT1 23764	18.85 1.35 0.00	17.55 1.20 0.00	13.13 0.89 0.00	9.05 0.62 0.00	13.71 0.92 0.00	17.16 1.10 0.00	16.57 0.93 0.00	13.11 0.87 0.00	12.70 0.74 0.00	11.13 0.72 0.00	12.96 0.92 0.00	14.24 1.02 0.00	14.69 1.12 0.00	14.82 1.07 -2.09	25.93 1.44 -9.89	25.77 1.67 -7.25	31.57 1.86 -10.51	59.20 2.34 -31.92	49.72 2.81 -17.36	31.46 2.42 -0.76	36.40 2.31 -7.33	28.02 1.88 -4.14	18.70 1.40 0.00	16.69 1.19 0.00
FREEPORT___CT2 23818	18.85 1.35 0.00	17.55 1.20 0.00	13.13 0.89 0.00	9.05 0.62 0.00	13.71 0.92 0.00	17.16 1.10 0.00	16.57 0.93 0.00	13.11 0.87 0.00	12.70 0.74 0.00	11.13 0.72 0.00	12.96 0.92 0.00	14.24 1.02 0.00	14.69 1.12 0.00	14.82 1.07 -2.09	25.93 1.44 -9.89	25.77 1.67 -7.25	31.57 1.86 -10.51	59.20 2.34 -31.92	49.72 2.81 -17.36	31.46 2.42 -0.76	36.40 2.31 -7.33	28.02 1.88 -4.14	18.70 1.40 0.00	16.69 1.19 0.00
FRESHKLS_33_KV_LOAD 356253	18.53 1.03 0.00	17.33 0.98 0.00	12.98 0.74 0.00	8.92 0.49 0.00	13.52 0.73 0.00	16.92 0.86 0.00	16.45 0.81 0.00	12.95 0.70 0.00	12.62 0.67 0.00	11.00 0.59 0.00	12.79 0.74 0.00	14.02 0.79 0.00	14.39 0.82 0.00	12.46 0.79 0.00	15.71 1.11 0.00	18.15 1.31 0.00	20.70 1.50 -0.01	26.88 1.94 0.00	60.51 2.21 -28.74	30.27 1.99 0.00	28.68 1.91 -0.01	23.53 1.51 -0.01	18.44 1.13 0.00	16.45 0.95 0.00
FULTON COGEN____ 23766	17.10 -0.25 0.15	16.13 -0.21 0.00	12.07 -0.17 0.00	8.31 -0.12 0.00	12.62 -0.16 0.00	15.87 -0.19 0.00	15.44 -0.19 0.00	12.07 -0.17 0.00	11.76 -0.19 0.00	10.24 -0.17 0.00	11.83 -0.22 0.00	12.99 -0.23 0.00	13.32 -0.25 0.00	11.43 -0.23 0.00	14.27 -0.33 0.00	16.46 -0.38 0.00	18.76 -0.44 0.00	24.37 -0.57 0.00	28.94 -0.61 0.00	27.67 -0.61 0.00	26.16 -0.60 0.00	21.53 -0.48 0.00	16.96 -0.34 0.00	15.26 -0.24 0.00
FULTON___LFGE 323630	19.01 1.51 0.00	17.74 1.39 0.00	13.23 1.00 0.00	9.10 0.67 0.00	13.81 1.03 0.00	17.44 1.38 0.00	16.80 1.17 0.00	12.75 0.51 0.00	12.12 0.17 0.00	10.51 0.10 0.00	12.08 0.04 0.00	13.24 0.02 0.00	13.58 0.01 0.00	11.71 0.05 0.00	14.70 0.10 0.00	17.07 0.23 0.00	19.64 0.44 0.00	25.99 1.06 0.00	31.84 2.30 0.00	31.27 2.99 0.00	29.73 2.97 0.00	24.43 2.42 0.00	19.12 1.81 0.00	17.05 1.55 0.00
G.F.CEMENT___DRP 24184	18.58 1.08 0.00	17.45 1.10 0.00	13.08 0.84 0.00	9.01 0.58 0.00	13.66 0.88 0.00	17.15 1.09 0.00	16.69 1.06 0.00	13.03 0.79 0.00	12.67 0.72 0.00	10.99 0.58 0.00	12.58 0.54 0.00	13.77 0.55 0.00	14.04 0.47 0.00	12.10 0.44 0.00	15.23 0.63 0.00	17.58 0.74 0.00	20.30 1.10 0.00	26.54 1.60 0.00	31.71 2.16 0.00	30.49 2.21 0.00	28.87 2.11 0.00	23.69 1.68 0.00	18.51 1.21 0.00	16.55 1.05 0.00
GARDENVILLE___LBMP 24039	17.20 -0.30 0.00	16.19 -0.16 0.00	12.12 -0.13 0.00	8.33 -0.10 0.00	12.73 -0.06 0.00	16.00 -0.06 0.00	15.51 -0.13 0.00	12.04 -0.20 0.00	11.72 -0.23 0.00	10.30 -0.11 0.00	11.95 -0.09 0.00	13.22 0.00 0.00	13.54 -0.03 0.00	11.61 -0.06 0.00	14.57 -0.04 0.00	16.76 -0.08 0.00	18.96 -0.24 0.00	24.53 -0.41 0.00	28.98 -0.57 0.00	27.61 -0.68 0.00	25.80 -0.96 0.00	21.28 -0.73 0.00	16.85 -0.45 0.00	15.01 -0.50 0.00
GARDNVLA_35_KV_LD 355827	17.28 -0.22 0.00	16.26 -0.09 0.00	12.16 -0.08 0.00	8.36 -0.06 0.00	12.78 -0.01 0.00	16.07 0.01 0.00	15.57 -0.07 0.00	12.08 -0.16 0.00	11.77 -0.18 0.00	10.35 -0.06 0.00	12.01 -0.03 0.00	13.29 0.06 0.00	13.61 0.04 0.00	11.67 0.00 0.00	14.63 0.03 0.00	16.83 -0.01 0.00	19.05 -0.16 0.00	24.66 -0.28 0.00	29.12 -0.43 0.00	27.74 -0.54 0.00	25.92 -0.84 0.00	21.39 -0.62 0.00	16.95 -0.36 0.00	15.08 -0.42 0.00
GELCKHM___115KV_LOAD 80723	17.22 -0.17 0.11	16.22 -0.13 0.00	12.13 -0.12 0.00	8.35 -0.08 0.00	12.69 -0.10 0.00	15.94 -0.12 0.00	15.52 -0.11 0.00	12.14 -0.11 0.00	11.84 -0.12 0.00	10.31 -0.10 0.00	11.92 -0.12 0.00	13.11 -0.11 0.00	13.44 -0.13 0.00	11.53 -0.13 0.00	14.41 -0.19 0.00	16.63 -0.21 0.00	18.95 -0.25 0.00	24.61 -0.33 0.00	29.23 -0.32 0.00	27.93 -0.36 0.00	26.37 -0.39 0.00	21.69 -0.32 0.00	17.08 -0.22 0.00	15.35 -0.15 0.00
GENERAL___MILLS 23808	17.25 -0.25 0.00	16.23 -0.11 0.00	12.15 -0.09 0.00	8.35 -0.08 0.00	12.76 -0.02 0.00	16.05 -0.01 0.00	15.55 -0.09 0.00	12.07 -0.17 0.00	11.76 -0.20 0.00	10.33 -0.08 0.00	11.99 -0.05 0.00	13.26 0.04 0.00	13.58 0.01 0.00	11.64 -0.02 0.00	14.60 0.00 0.00	16.80 -0.04 0.00	19.01 -0.19 0.00	24.60 -0.34 0.00	29.06 -0.49 0.00	27.68 -0.60 0.00	25.87 -0.89 0.00	21.35 -0.66 0.00	16.91 -0.39 0.00	15.06 -0.44 0.00
GE_PLASTICS___DRP 24183	18.01 0.51 0.00	16.89 0.54 0.00	12.66 0.43 0.00	8.73 0.30 0.00	13.21 0.43 0.00	16.55 0.49 0.00	16.10 0.46 0.00	12.60 0.36 0.00	12.29 0.33 0.00	10.66 0.25 0.00	12.29 0.24 0.00	13.45 0.23 0.00	13.79 0.22 0.00	11.86 0.20 0.00	14.86 0.25 0.00	17.12 0.28 0.00	19.55 0.35 0.00	25.39 0.45 0.00	30.12 0.57 0.00	28.82 0.54 0.00	27.27 0.51 0.00	22.43 0.42 0.00	17.62 0.32 0.00	15.81 0.31 0.00
GILBOA___1 23756	17.93 0.43 0.00	16.79 0.44 0.00	12.59 0.35 0.00	8.70 0.27 0.00	13.14 0.36 0.00	16.46 0.41 0.00	16.02 0.39 0.00	12.56 0.31 0.00	12.26 0.30 0.00	10.66 0.25 0.00	12.33 0.28 0.00	13.53 0.30 0.00	13.87 0.30 0.00	11.95 0.29 0.00	14.99 0.39 0.00	17.29 0.45 0.00	19.72 0.52 0.00	25.61 0.67 0.00	30.37 0.81 0.00	29.01 0.73 0.00	27.44 0.68 0.00	22.55 0.54 0.00	17.70 0.40 0.00	15.85 0.35 0.00
GILBOA___2 23757	17.93 0.43 0.00	16.79 0.44 0.00	12.59 0.35 0.00	8.70 0.27 0.00	13.14 0.36 0.00	16.46 0.41 0.00	16.02 0.39 0.00	12.56 0.31 0.00	12.26 0.30 0.00	10.66 0.25 0.00	12.33 0.28 0.00	13.53 0.30 0.00	13.87 0.30 0.00	11.95 0.29 0.00	14.99 0.39 0.00	17.29 0.45 0.00	19.72 0.52 0.00	25.61 0.67 0.00	30.37 0.81 0.00	29.01 0.73 0.00	27.44 0.68 0.00	22.55 0.54 0.00	17.70 0.40 0.00	15.85 0.35 0.00

GILBOA___3 23758	17.93 0.43 0.00	16.79 0.44 0.00	12.59 0.35 0.00	8.70 0.27 0.00	13.14 0.36 0.00	16.46 0.41 0.00	16.02 0.39 0.00	12.56 0.31 0.00	12.26 0.30 0.00	10.66 0.25 0.00	12.33 0.28 0.00	13.53 0.30 0.00	13.87 0.30 0.00	11.95 0.29 0.00	14.99 0.39 0.00	17.29 0.45 0.00	19.72 0.52 0.00	25.61 0.67 0.00	30.37 0.81 0.00	29.01 0.73 0.00	27.44 0.68 0.00	22.55 0.54 0.00	17.70 0.40 0.00	15.85 0.35 0.00
GILBOA___4 23759	17.93 0.43 0.00	16.79 0.44 0.00	12.59 0.35 0.00	8.70 0.27 0.00	13.14 0.36 0.00	16.46 0.41 0.00	16.02 0.39 0.00	12.56 0.31 0.00	12.26 0.30 0.00	10.66 0.25 0.00	12.33 0.28 0.00	13.53 0.30 0.00	13.87 0.30 0.00	11.95 0.29 0.00	14.99 0.39 0.00	17.29 0.45 0.00	19.72 0.52 0.00	25.61 0.67 0.00	30.37 0.81 0.00	29.01 0.73 0.00	27.44 0.68 0.00	22.55 0.54 0.00	17.70 0.40 0.00	15.85 0.35 0.00
GILBOA___ 23599	17.93 0.43 0.00	16.79 0.44 0.00	12.59 0.35 0.00	8.70 0.27 0.00	13.14 0.36 0.00	16.47 0.40 0.00	16.02 0.39 0.00	12.56 0.32 0.00	12.26 0.30 0.00	10.66 0.25 0.00	12.33 0.28 0.00	13.53 0.30 0.00	13.87 0.30 0.00	11.95 0.29 0.00	14.99 0.39 0.00	17.29 0.45 0.00	19.72 0.52 0.00	25.61 0.67 0.00	30.36 0.81 0.00	29.01 0.73 0.00	27.44 0.68 0.00	22.55 0.54 0.00	17.71 0.40 0.00	15.85 0.35 0.00
GINNA___ 23603	16.41 -1.00 0.09	15.38 -0.87 0.10	11.49 -0.66 0.09	7.91 -0.46 0.06	12.06 -0.67 0.05	15.17 -0.82 0.07	14.74 -0.85 0.06	11.51 -0.72 0.00	11.23 -0.73 0.00	9.81 -0.60 0.00	11.37 -0.67 0.00	12.54 -0.68 0.00	12.88 -0.70 0.00	11.04 -0.62 0.00	13.83 -0.77 0.00	15.96 -0.88 0.00	18.16 -1.04 0.00	23.49 -1.45 0.00	27.95 -1.60 0.00	26.69 -1.59 0.00	25.05 -1.70 0.02	20.32 -1.36 0.33	15.99 -1.03 0.29	14.46 -0.94 0.10
GLEN PARK___ 23778	15.33 -0.94 1.23	15.66 -0.69 0.00	11.64 -0.60 0.00	8.01 -0.41 0.00	12.31 -0.47 0.00	15.92 -0.15 0.00	15.58 -0.06 0.00	12.07 -0.18 0.00	11.73 -0.23 0.00	10.16 -0.25 0.00	11.73 -0.31 0.00	12.89 -0.33 0.00	13.23 -0.34 0.00	11.26 -0.40 0.00	14.05 -0.55 0.00	16.26 -0.58 0.00	18.53 -0.67 0.00	24.28 -0.66 0.00	29.47 -0.07 0.00	28.20 -0.08 0.00	26.97 0.21 0.00	22.26 0.25 0.00	17.52 0.21 0.00	15.71 0.21 0.00
GLENDALE_27_KV_LOAD 356172	18.59 1.09 0.00	17.37 1.03 0.00	13.02 0.78 0.00	8.96 0.53 0.00	13.57 0.79 0.00	16.97 0.91 0.00	16.51 0.87 0.00	13.00 0.76 0.00	12.69 0.74 0.00	11.08 0.67 0.00	12.89 0.85 0.00	14.15 0.93 0.00	14.54 0.97 0.00	12.58 0.91 0.00	15.84 1.24 0.00	18.28 1.44 0.00	20.84 1.64 0.00	27.04 2.10 0.00	31.98 2.43 0.00	30.38 2.10 0.00	28.78 2.02 0.00	23.59 1.58 0.00	18.49 1.19 0.00	16.51 1.01 0.00
GLENWOOD_IC_1_G5 23712	18.67 1.17 0.00	17.42 1.07 0.00	13.05 0.80 0.00	8.99 0.56 0.00	13.61 0.83 0.00	17.04 0.98 0.00	16.51 0.87 0.00	13.02 0.78 0.00	12.66 0.71 0.00	11.07 0.66 0.00	12.90 0.86 0.00	14.18 0.95 0.00	14.60 1.03 0.00	14.72 0.97 -2.09	25.80 1.31 -9.89	25.62 1.52 -7.25	31.44 1.72 -10.51	59.07 2.22 -31.92	49.48 2.58 -17.36	31.27 2.22 -0.76	36.19 2.11 -7.32	27.83 1.68 -4.14	18.54 1.24 0.00	16.55 1.05 0.00
GLENWOOD_IC_2_G1 23688	18.58 1.08 0.00	17.34 0.99 0.00	12.99 0.75 0.00	8.95 0.52 0.00	13.56 0.78 0.00	16.97 0.91 0.00	16.45 0.81 0.00	12.97 0.73 0.00	12.62 0.67 0.00	11.03 0.62 0.00	12.84 0.80 0.00	14.10 0.88 0.00	14.51 0.93 0.00	14.64 0.89 -2.09	25.69 1.20 -9.89	25.49 1.40 -7.25	31.30 1.58 -10.51	58.89 2.03 -31.92	49.27 2.36 -17.36	31.08 2.03 -0.76	36.02 1.93 -7.33	27.68 1.53 -4.14	18.44 1.14 0.00	16.46 0.96 0.00
GLENWOOD_IC_3_G1 23689	18.58 1.08 0.00	17.34 0.99 0.00	12.99 0.75 0.00	8.95 0.52 0.00	13.56 0.78 0.00	16.97 0.91 0.00	16.45 0.81 0.00	12.97 0.73 0.00	12.62 0.67 0.00	11.03 0.62 0.00	12.84 0.80 0.00	14.10 0.88 0.00	14.51 0.93 0.00	14.64 0.89 -2.09	25.69 1.20 -9.89	25.49 1.40 -7.25	31.30 1.58 -10.51	58.89 2.03 -31.92	49.27 2.36 -17.36	31.08 2.03 -0.76	36.02 1.93 -7.33	27.68 1.53 -4.14	18.44 1.14 0.00	16.46 0.96 0.00
GLENWOOD___4 23550	18.67 1.17 0.00	17.42 1.07 0.00	13.05 0.80 0.00	8.99 0.56 0.00	13.61 0.83 0.00	17.04 0.98 0.00	16.51 0.87 0.00	13.02 0.78 0.00	12.66 0.71 0.00	11.07 0.66 0.00	12.90 0.86 0.00	14.18 0.95 0.00	14.60 1.03 0.00	14.72 0.97 -2.09	25.80 1.31 -9.89	25.62 1.52 -7.25	31.44 1.72 -10.51	59.07 2.22 -31.92	49.48 2.58 -17.36	31.27 2.22 -0.76	36.19 2.11 -7.32	27.83 1.68 -4.14	18.54 1.24 0.00	16.55 1.05 0.00
GLENWOOD___5 23614	18.67 1.17 0.00	17.42 1.07 0.00	13.05 0.80 0.00	8.99 0.56 0.00	13.61 0.83 0.00	17.04 0.98 0.00	16.51 0.87 0.00	13.02 0.78 0.00	12.66 0.71 0.00	11.07 0.66 0.00	12.90 0.86 0.00	14.18 0.95 0.00	14.60 1.03 0.00	14.72 0.97 -2.09	25.80 1.31 -9.89	25.62 1.52 -7.25	31.44 1.72 -10.51	59.07 2.22 -31.92	49.48 2.58 -17.36	31.27 2.22 -0.76	36.19 2.11 -7.32	27.83 1.68 -4.14	18.54 1.24 0.00	16.55 1.05 0.00
GLOBAL GREEN_PORT_GT1 23814	19.04 1.54 0.00	17.63 1.28 0.00	13.36 1.12 0.00	9.39 0.96 0.00	14.18 1.40 0.00	79.85 1.39 -62.41	16.66 1.02 0.00	13.37 1.13 0.00	12.76 0.81 0.00	11.21 0.80 0.00	13.26 1.22 0.00	14.61 1.39 0.00	15.12 1.55 0.00	15.22 1.46 -2.09	26.49 2.00 -9.89	26.43 2.34 -7.25	31.85 2.14 -10.51	239.07 3.49 -210.64	250.49 3.95 -217.00	174.23 3.31 -142.63	36.39 2.30 -7.33	28.56 2.41 -4.14	19.01 1.71 0.00	16.89 1.39 0.00
GLOBE___DSASP 323697	16.69 -0.81 0.00	15.73 -0.62 0.00	11.78 -0.46 0.00	8.10 -0.33 0.00	12.32 -0.46 0.00	15.52 -0.54 0.00	15.01 -0.63 0.00	11.64 -0.60 0.00	11.35 -0.60 0.00	9.99 -0.42 0.00	11.58 -0.46 0.00	12.81 -0.41 0.00	13.13 -0.44 0.00	11.24 -0.42 0.00	14.10 -0.50 0.00	16.16 -0.68 0.00	18.26 -0.94 0.00	23.62 -1.32 0.00	27.74 -1.81 0.00	26.39 -1.89 0.00	24.62 -2.14 0.00	20.36 -1.65 0.00	16.19 -1.12 0.00	14.47 -1.03 0.00
GOETHSLN___LBMP 323567	18.45 0.95 0.00	17.24 0.89 0.00	12.92 0.67 0.00	8.89 0.46 0.00	13.48 0.69 0.00	16.85 0.79 0.00	16.39 0.75 0.00	12.90 0.66 0.00	12.59 0.63 0.00	10.98 0.57 0.00	12.77 0.73 0.00	14.03 0.81 0.00	14.41 0.84 0.00	12.47 0.80 0.00	15.70 1.10 0.00	18.13 1.29 0.00	20.69 1.49 0.00	26.79 1.86 0.00	31.70 2.15 0.00	30.12 1.84 0.00	28.53 1.77 0.00	23.37 1.36 0.00	18.33 1.03 0.00	16.37 0.87 0.00
GOLAH___69_KV_TB 1_2 80279	17.34 -0.16 0.00	16.28 -0.07 0.00	12.18 -0.06 0.00	8.37 -0.05 0.00	12.74 -0.04 0.00	16.03 -0.03 0.00	15.55 -0.09 0.00	12.08 -0.16 0.00	11.76 -0.19 0.00	10.30 -0.11 0.00	11.93 -0.11 0.00	13.17 -0.06 0.00	13.52 -0.06 0.00	11.59 -0.08 0.00	14.52 -0.08 0.00	16.74 -0.09 0.00	19.03 -0.17 0.00	24.64 -0.30 0.00	29.27 -0.28 0.00	27.92 -0.37 0.00	26.20 -0.56 0.00	21.61 -0.40 0.00	17.07 -0.24 0.00	15.25 -0.25 0.00

GOODYEAR_LAKE_HYD 323669	18.01 0.51 0.00	16.83 0.48 0.00	12.56 0.32 0.00	8.63 0.21 0.00	13.08 0.30 0.00	16.46 0.40 0.00	16.07 0.43 0.00	12.59 0.35 0.00	12.29 0.33 0.00	10.73 0.31 0.00	12.44 0.40 0.00	13.66 0.44 0.00	14.02 0.45 0.00	12.07 0.41 0.00	15.14 0.54 0.00	17.50 0.66 0.00	19.95 0.75 0.00	25.97 1.03 0.00	30.81 1.26 0.00	29.46 1.18 0.00	27.85 1.09 0.00	22.87 0.86 0.00	17.95 0.65 0.00	16.04 0.54 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	17.60 0.10 0.00	16.49 0.14 0.00	12.31 0.07 0.00	8.48 0.05 0.00	12.91 0.13 0.00	16.20 0.14 0.00	15.78 0.14 0.00	12.35 0.11 0.00	12.03 0.08 0.00	10.49 0.08 0.00	12.15 0.11 0.00	13.36 0.13 0.00	13.68 0.11 0.00	11.77 0.10 0.00	14.74 0.14 0.00	17.04 0.21 0.00	19.42 0.21 0.00	25.19 0.25 0.00	29.90 0.35 0.00	28.54 0.26 0.00	26.95 0.20 0.00	22.14 0.13 0.00	17.42 0.11 0.00	15.54 0.04 0.00
GOUDEY___7 23579	17.62 0.12 0.00	16.51 0.16 0.00	12.32 0.08 0.00	8.49 0.06 0.00	12.91 0.13 0.00	16.21 0.15 0.00	15.79 0.16 0.00	12.36 0.12 0.00	12.04 0.09 0.00	10.50 0.09 0.00	12.16 0.12 0.00	13.36 0.14 0.00	13.69 0.12 0.00	11.78 0.11 0.00	14.75 0.15 0.00	17.06 0.22 0.00	19.43 0.23 0.00	25.21 0.27 0.00	29.93 0.38 0.00	28.57 0.29 0.00	26.98 0.22 0.00	22.16 0.15 0.00	17.43 0.12 0.00	15.56 0.05 0.00
GOUDEY___8 23580	17.60 0.10 0.00	16.49 0.14 0.00	12.31 0.07 0.00	8.48 0.05 0.00	12.91 0.13 0.00	16.20 0.14 0.00	15.78 0.14 0.00	12.35 0.11 0.00	12.03 0.08 0.00	10.49 0.08 0.00	12.15 0.11 0.00	13.36 0.13 0.00	13.68 0.11 0.00	11.77 0.10 0.00	14.74 0.14 0.00	17.04 0.21 0.00	19.42 0.21 0.00	25.19 0.25 0.00	29.90 0.35 0.00	28.54 0.26 0.00	26.95 0.20 0.00	22.14 0.13 0.00	17.42 0.11 0.00	15.54 0.04 0.00
GOWANUS_GT1_1 24077	18.55 1.05 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.54 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.04 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.19 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT1_2 24078	18.55 1.05 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.54 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.04 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.19 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT1_3 24079	18.55 1.05 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.54 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.04 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.19 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT1_4 24080	18.55 1.05 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.54 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.04 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.19 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT1_5 24084	18.55 1.05 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.54 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.04 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.19 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT1_6 24111	18.55 1.05 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.54 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.04 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.19 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT1_7 24112	18.55 1.05 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.54 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.04 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.19 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT1_8 24113	18.55 1.05 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.54 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.04 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.19 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT2_1 24114	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT2_2 24115	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT2_3 24116	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00

GOWANUS_GT2_4 24117	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT2_5 24118	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT2_6 24119	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT2_7 24120	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT2_8 24121	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT3_1 24122	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT3_2 24123	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT3_3 24124	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT3_4 24125	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT3_5 24126	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT3_6 24127	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT3_7 24128	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT3_8 24129	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT4_1 24130	18.55 1.05 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.54 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.04 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.19 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT4_2 24131	18.55 1.05 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.54 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.04 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.19 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00

GOWANUS_GT4_3 24132	18.55 1.05 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.54 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.04 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.19 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT4_4 24133	18.55 1.05 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.54 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.04 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.19 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT4_5 24134	18.55 1.05 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.54 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.04 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.19 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT4_6 24135	18.55 1.05 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.54 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.04 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.19 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT4_7 24136	18.55 1.05 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.54 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.04 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.19 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GOWANUS_GT4_8 24137	18.55 1.05 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.54 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.04 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.19 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GREENBSH_115KV_TB3 55895	18.04 0.54 0.00	16.93 0.58 0.00	12.70 0.46 0.00	8.75 0.32 0.00	13.25 0.46 0.00	16.58 0.52 0.00	16.13 0.49 0.00	12.62 0.38 0.00	12.31 0.36 0.00	10.67 0.26 0.00	12.28 0.23 0.00	13.43 0.21 0.00	13.76 0.19 0.00	11.83 0.17 0.00	14.80 0.20 0.00	17.06 0.22 0.00	19.48 0.28 0.00	25.29 0.35 0.00	30.00 0.45 0.00	28.71 0.43 0.00	27.15 0.39 0.00	22.34 0.33 0.00	17.56 0.26 0.00	15.77 0.27 0.00
GREENIDGE_115KV_TB5 80291	17.46 -0.05 0.00	16.35 0.00 0.00	12.17 -0.07 0.00	8.38 -0.05 0.00	12.82 0.03 0.00	16.11 0.05 0.00	15.69 0.05 0.00	12.25 0.01 0.00	11.89 -0.06 0.00	10.36 -0.05 0.00	11.98 -0.06 0.00	13.19 -0.04 0.00	13.50 -0.07 0.00	11.60 -0.06 0.00	14.53 -0.07 0.00	16.82 -0.02 0.00	19.16 -0.04 0.00	24.96 0.02 0.00	29.50 -0.05 0.00	28.35 0.07 0.00	26.76 0.00 0.00	21.96 -0.05 0.00	17.25 -0.05 0.00	15.35 -0.15 0.00
GREENIDGE___3 23582	17.46 -0.05 0.00	16.35 0.00 0.00	12.17 -0.07 0.00	8.38 -0.05 0.00	12.82 0.03 0.00	16.11 0.05 0.00	15.69 0.05 0.00	12.25 0.01 0.00	11.89 -0.06 0.00	10.36 -0.05 0.00	11.98 -0.06 0.00	13.19 -0.04 0.00	13.50 -0.07 0.00	11.60 -0.06 0.00	14.53 -0.07 0.00	16.82 -0.02 0.00	19.16 -0.04 0.00	24.96 0.02 0.00	29.50 -0.05 0.00	28.35 0.07 0.00	26.76 0.00 0.00	21.96 -0.05 0.00	17.25 -0.05 0.00	15.35 -0.15 0.00
GREENIDGE___4 23583	17.64 -0.05 -0.18	16.55 0.00 -0.20	12.37 -0.07 -0.19	8.49 -0.05 -0.12	12.92 0.03 -0.11	16.24 0.05 -0.14	15.80 0.05 -0.11	12.26 0.01 -0.01	11.89 -0.06 0.00	10.36 -0.05 0.00	11.98 -0.06 0.00	13.19 -0.04 0.00	13.50 -0.07 0.00	11.60 -0.07 0.00	14.53 -0.07 0.00	16.82 -0.02 0.00	19.16 -0.04 0.00	24.96 0.02 0.00	29.50 -0.05 0.00	28.36 0.08 0.00	26.80 0.00 -0.04	22.64 -0.05 -0.67	17.84 -0.05 -0.58	15.55 -0.15 -0.20
GREENLWN_69_KV_BK 3 55738	18.68 1.18 0.00	17.38 1.03 0.00	13.01 0.77 0.00	8.98 0.55 0.00	13.59 0.81 0.00	20.01 0.94 -3.01	16.36 0.72 0.00	12.96 0.72 0.00	12.52 0.56 0.00	10.98 0.57 0.00	12.81 0.77 0.00	14.05 0.83 0.00	14.51 0.94 0.00	14.66 0.90 -2.09	25.72 1.23 -9.89	25.46 1.37 -7.25	31.18 1.47 -10.51	67.43 1.93 -40.55	58.78 2.23 -27.00	37.77 1.88 -7.62	35.92 1.84 -7.32	27.70 1.56 -4.14	18.48 1.18 0.00	16.53 1.03 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	18.55 1.05 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.54 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.04 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.19 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
GRISSOM___SOLAR 323813	19.01 1.51 0.00	17.74 1.39 0.00	13.23 1.00 0.00	9.10 0.67 0.00	13.81 1.03 0.00	17.44 1.38 0.00	16.80 1.17 0.00	12.75 0.51 0.00	12.12 0.17 0.00	10.51 0.10 0.00	12.08 0.04 0.00	13.24 0.02 0.00	13.58 0.01 0.00	11.71 0.05 0.00	14.70 0.10 0.00	17.07 0.23 0.00	19.64 0.44 0.00	25.99 1.06 0.00	31.84 2.30 0.00	31.27 2.99 0.00	29.73 2.97 0.00	24.43 2.42 0.00	19.12 1.81 0.00	17.05 1.55 0.00
GROVEVILLE___HYD 323602	18.45 0.95 0.00	17.26 0.91 0.00	12.93 0.69 0.00	8.90 0.48 0.00	13.49 0.70 0.00	16.88 0.82 0.00	16.42 0.79 0.00	12.91 0.67 0.00	12.60 0.64 0.00	10.97 0.56 0.00	12.73 0.68 0.00	13.97 0.74 0.00	14.34 0.77 0.00	12.40 0.74 0.00	15.61 1.02 0.00	18.05 1.21 0.00	20.60 1.40 0.00	26.77 1.84 0.00	31.72 2.18 0.00	30.21 1.93 0.00	28.55 1.79 0.00	23.41 1.40 0.00	18.34 1.03 0.00	16.37 0.87 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	17.33 -0.06 0.10	16.31 -0.04 0.00	12.19 -0.05 0.00	8.40 -0.03 0.00	12.76 -0.02 0.00	16.04 -0.02 0.00	15.63 -0.01 0.00	12.21 -0.03 0.00	11.91 -0.04 0.00	10.37 -0.04 0.00	11.99 -0.06 0.00	13.18 -0.05 0.00	13.52 -0.05 0.00	11.59 -0.07 0.00	14.48 -0.11 0.00	16.72 -0.12 0.00	19.08 -0.12 0.00	24.79 -0.15 0.00	29.43 -0.11 0.00	28.13 -0.15 0.00	26.56 -0.20 0.00	21.84 -0.17 0.00	17.20 -0.11 0.00	15.45 -0.05 0.00

HAMLTNNY_34_KV_TB 80303	17.47 -0.03 0.00	16.33 -0.02 0.00	12.21 -0.02 0.00	8.42 -0.01 0.00	12.80 0.01 0.00	16.07 0.02 0.00	15.66 0.02 0.00	12.22 -0.02 0.00	11.92 -0.04 0.00	10.37 -0.04 0.00	11.98 -0.07 0.00	13.18 -0.04 0.00	13.51 -0.06 0.00	11.59 -0.07 0.00	14.48 -0.12 0.00	16.72 -0.11 0.00	19.09 -0.11 0.00	24.83 -0.12 0.00	29.48 -0.07 0.00	28.18 -0.10 0.00	26.58 -0.18 0.00	21.86 -0.16 0.00	17.21 -0.10 0.00	15.45 -0.05 0.00
HAMPSHIRE___PAPER_HYD 323593	12.99 -1.22 3.29	15.78 -0.57 0.00	11.76 -0.48 0.00	8.09 -0.34 0.00	12.35 -0.43 0.00	15.80 -0.26 0.00	15.43 -0.20 0.00	12.03 -0.21 0.00	11.75 -0.21 0.00	10.22 -0.19 0.00	11.81 -0.23 0.00	12.98 -0.24 0.00	13.35 -0.22 0.00	11.41 -0.25 0.00	14.23 -0.37 0.00	16.43 -0.41 0.00	18.77 -0.43 0.00	24.50 -0.44 0.00	29.31 -0.24 0.00	28.16 -0.12 0.00	26.81 0.05 0.00	22.10 0.09 0.00	17.35 0.05 0.00	15.49 -0.01 0.00
HARDSCRABBLE_WT_PWR 323673	17.65 0.15 0.00	16.51 0.16 0.00	12.25 0.01 0.00	8.40 -0.03 0.00	12.74 -0.05 0.00	16.04 -0.02 0.00	15.71 0.08 0.00	12.27 0.03 0.00	11.93 -0.03 0.00	10.36 -0.05 0.00	11.94 -0.10 0.00	13.08 -0.14 0.00	13.40 -0.17 0.00	11.54 -0.13 0.00	14.44 -0.16 0.00	16.68 -0.16 0.00	19.14 -0.06 0.00	24.88 -0.06 0.00	29.67 0.12 0.00	28.46 0.18 0.00	26.96 0.20 0.00	22.21 0.20 0.00	17.46 0.16 0.00	15.67 0.17 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.32 0.82 0.00	17.12 0.77 0.00	12.81 0.58 0.00	8.82 0.39 0.00	13.38 0.59 0.00	16.74 0.68 0.00	16.28 0.65 0.00	12.81 0.56 0.00	12.50 0.54 0.00	10.90 0.48 0.00	12.64 0.60 0.00	13.89 0.67 0.00	14.25 0.68 0.00	12.33 0.67 0.00	15.53 0.93 0.00	17.95 1.11 0.00	20.49 1.28 0.00	26.61 1.66 0.00	31.51 1.96 0.00	30.01 1.73 0.00	28.33 1.57 0.00	23.22 1.21 0.00	18.20 0.89 0.00	16.25 0.75 0.00
HARSNRAD_115KV_TB1 81005	16.96 -0.54 0.00	15.97 -0.38 0.00	11.96 -0.28 0.00	8.22 -0.21 0.00	12.52 -0.26 0.00	15.77 -0.30 0.00	15.25 -0.38 0.00	11.83 -0.41 0.00	11.52 -0.43 0.00	10.13 -0.28 0.00	11.74 -0.30 0.00	12.98 -0.24 0.00	13.31 -0.26 0.00	11.40 -0.26 0.00	14.30 -0.30 0.00	16.42 -0.42 0.00	18.57 -0.63 0.00	24.10 -0.84 0.00	28.41 -1.14 0.00	27.07 -1.22 0.00	25.28 -1.48 0.00	20.90 -1.12 0.00	16.58 -0.73 0.00	14.80 -0.70 0.00
HARZA MOOSE___RIVER 24016	16.25 -0.39 0.86	16.14 -0.21 0.00	12.02 -0.22 0.00	8.28 -0.15 0.00	12.65 -0.13 0.00	16.17 0.11 0.00	15.82 0.18 0.00	12.34 0.09 0.00	12.02 0.07 0.00	10.45 0.04 0.00	12.07 0.02 0.00	13.25 0.03 0.00	13.59 0.02 0.00	11.65 -0.02 0.00	14.55 -0.05 0.00	16.81 -0.03 0.00	19.20 0.00 0.00	25.05 0.12 0.00	30.04 0.49 0.00	28.80 0.51 0.00	27.32 0.56 0.00	22.46 0.45 0.00	17.64 0.33 0.00	15.81 0.31 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	17.24 -0.15 0.11	16.23 -0.11 0.00	12.14 -0.10 0.00	8.36 -0.07 0.00	12.70 -0.09 0.00	15.96 -0.10 0.00	15.53 -0.11 0.00	12.14 -0.10 0.00	11.84 -0.11 0.00	10.32 -0.09 0.00	11.93 -0.11 0.00	13.11 -0.11 0.00	13.45 -0.12 0.00	11.54 -0.12 0.00	14.42 -0.17 0.00	16.64 -0.19 0.00	18.97 -0.23 0.00	24.64 -0.30 0.00	29.25 -0.30 0.00	27.95 -0.34 0.00	26.38 -0.37 0.00	21.70 -0.32 0.00	17.09 -0.22 0.00	15.36 -0.14 0.00
HELLGATE_13_KV_LD 55870	18.52 1.01 0.00	17.31 0.96 0.00	12.98 0.74 0.00	8.93 0.50 0.00	13.53 0.75 0.00	16.91 0.86 0.00	16.45 0.81 0.00	12.96 0.71 0.00	12.64 0.69 0.00	11.04 0.63 0.00	12.83 0.79 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.52 0.86 0.00	15.78 1.18 0.00	18.19 1.36 0.00	20.75 1.55 0.00	26.91 1.97 0.00	31.82 2.28 0.00	30.24 1.95 0.00	28.65 1.90 0.00	23.48 1.47 0.00	18.41 1.10 0.00	16.44 0.94 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.52 1.01 0.00	17.31 0.96 0.00	12.98 0.74 0.00	8.93 0.50 0.00	13.53 0.75 0.00	16.91 0.86 0.00	16.45 0.81 0.00	12.96 0.71 0.00	12.64 0.69 0.00	11.04 0.63 0.00	12.83 0.79 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.52 0.86 0.00	15.78 1.18 0.00	18.19 1.36 0.00	20.75 1.55 0.00	26.91 1.97 0.00	31.82 2.28 0.00	30.24 1.95 0.00	28.65 1.90 0.00	23.48 1.47 0.00	18.41 1.10 0.00	16.44 0.94 0.00
HEMPSTEAD____ 23647	18.69 1.19 0.00	17.41 1.06 0.00	13.04 0.79 0.00	8.98 0.55 0.00	13.60 0.82 0.00	17.04 0.98 0.00	16.47 0.83 0.00	13.02 0.77 0.00	12.62 0.67 0.00	11.05 0.64 0.00	12.88 0.84 0.00	14.14 0.92 0.00	14.58 1.01 0.00	14.72 0.96 -2.09	25.79 1.30 -9.89	25.60 1.51 -7.25	31.40 1.68 -10.51	59.02 2.16 -31.92	49.44 2.52 -17.36	31.21 2.17 -0.76	36.15 2.07 -7.33	27.82 1.67 -4.14	18.54 1.24 0.00	16.55 1.05 0.00
HEWLETT_69_KV_BK3 55828	18.86 1.36 0.00	17.56 1.22 0.00	13.15 0.91 0.00	9.06 0.63 0.00	13.71 0.93 0.00	17.17 1.11 0.00	16.60 0.96 0.00	13.12 0.87 0.00	12.71 0.76 0.00	11.14 0.73 0.00	12.99 0.95 0.00	14.27 1.05 0.00	14.72 1.15 0.00	14.84 1.09 -2.09	25.95 1.46 -9.89	25.79 1.69 -7.25	31.60 1.89 -10.51	59.28 2.42 -31.92	49.70 2.79 -17.36	31.47 2.43 -0.76	36.39 2.31 -7.32	27.92 1.77 -4.14	18.71 1.40 0.00	16.69 1.19 0.00
HICKLING___1 23621	17.56 0.06 0.00	16.48 0.13 0.00	12.25 0.02 0.00	8.44 0.01 0.00	12.94 0.16 0.00	16.24 0.18 0.00	15.83 0.19 0.00	12.38 0.14 0.00	12.01 0.05 0.00	10.50 0.08 0.00	12.18 0.14 0.00	13.39 0.17 0.00	13.69 0.12 0.00	11.78 0.12 0.00	14.77 0.17 0.00	17.14 0.30 0.00	19.51 0.31 0.00	25.33 0.39 0.00	30.02 0.47 0.00	28.70 0.42 0.00	27.06 0.30 0.00	22.16 0.15 0.00	17.41 0.11 0.00	15.42 -0.08 0.00
HICKLING___2 23622	17.56 0.06 0.00	16.48 0.13 0.00	12.25 0.02 0.00	8.44 0.01 0.00	12.94 0.16 0.00	16.24 0.18 0.00	15.83 0.19 0.00	12.38 0.14 0.00	12.01 0.05 0.00	10.50 0.08 0.00	12.18 0.14 0.00	13.39 0.17 0.00	13.69 0.12 0.00	11.78 0.12 0.00	14.77 0.17 0.00	17.14 0.30 0.00	19.51 0.31 0.00	25.33 0.39 0.00	30.02 0.47 0.00	28.70 0.42 0.00	27.06 0.30 0.00	22.16 0.15 0.00	17.41 0.11 0.00	15.42 -0.08 0.00
HIGH FALLS___HY 23754	18.24 0.74 0.00	17.02 0.67 0.00	12.74 0.50 0.00	8.78 0.35 0.00	13.29 0.51 0.00	16.65 0.59 0.00	16.20 0.57 0.00	12.76 0.52 0.00	12.47 0.51 0.00	10.86 0.45 0.00	12.60 0.55 0.00	13.83 0.60 0.00	14.19 0.62 0.00	12.29 0.63 0.00	15.49 0.89 0.00	17.92 1.08 0.00	20.46 1.25 0.00	26.64 1.70 0.00	31.61 2.06 0.00	30.10 1.82 0.00	28.44 1.68 0.00	23.31 1.30 0.00	18.25 0.94 0.00	16.27 0.77 0.00
HIGH_RIVER___SOLAR 323847	18.17 0.67 0.00	17.01 0.66 0.00	12.73 0.49 0.00	8.77 0.34 0.00	13.28 0.50 0.00	16.70 0.64 0.00	16.24 0.60 0.00	12.66 0.42 0.00	12.31 0.35 0.00	10.69 0.29 0.00	12.35 0.31 0.00	13.55 0.33 0.00	13.90 0.33 0.00	11.97 0.31 0.00	15.03 0.43 0.00	17.33 0.49 0.00	19.81 0.60 0.00	25.81 0.87 0.00	30.74 1.19 0.00	29.53 1.25 0.00	27.98 1.21 0.00	23.01 0.99 0.00	18.05 0.74 0.00	16.15 0.65 0.00

HILLBURN___GT 23639	18.30 0.80 0.00	17.10 0.75 0.00	12.80 0.57 0.00	8.81 0.38 0.00	13.36 0.58 0.00	16.72 0.66 0.00	16.26 0.63 0.00	12.79 0.55 0.00	12.49 0.54 0.00	10.90 0.48 0.00	12.65 0.61 0.00	13.90 0.68 0.00	14.26 0.69 0.00	12.34 0.68 0.00	15.54 0.94 0.00	17.96 1.12 0.00	20.48 1.28 0.00	26.57 1.63 0.00	31.46 1.91 0.00	29.94 1.66 0.00	28.29 1.52 0.00	23.19 1.18 0.00	18.17 0.86 0.00	16.23 0.73 0.00
HILLSIDE_115KV_TB1 80332	17.22 -0.28 0.00	16.17 -0.18 0.00	12.04 -0.20 0.00	8.30 -0.13 0.00	12.72 -0.07 0.00	15.94 -0.12 0.00	15.53 -0.10 0.00	12.15 -0.09 0.00	11.81 -0.14 0.00	10.32 -0.09 0.00	11.99 -0.05 0.00	13.19 -0.03 0.00	13.48 -0.09 0.00	11.60 -0.06 0.00	14.54 -0.07 0.00	16.87 0.03 0.00	19.15 -0.05 0.00	24.79 -0.15 0.00	29.40 -0.15 0.00	28.04 -0.24 0.00	26.44 -0.32 0.00	21.66 -0.35 0.00	17.05 -0.26 0.00	15.11 -0.39 0.00
HISHELDN_WT_PWR 323625	17.02 -0.37 0.11	15.98 -0.26 0.11	11.90 -0.22 0.11	8.21 -0.16 0.07	12.61 -0.11 0.06	15.86 -0.12 0.08	15.42 -0.16 0.06	12.04 -0.20 0.00	11.73 -0.23 0.00	10.29 -0.12 0.00	11.94 -0.10 0.00	13.19 -0.03 0.00	13.51 -0.06 0.00	11.58 -0.08 0.00	14.53 -0.07 0.00	16.74 -0.10 0.00	18.96 -0.24 0.00	24.53 -0.41 0.00	29.01 -0.54 0.00	27.64 -0.64 0.00	25.85 -0.89 0.02	20.91 -0.71 0.40	16.49 -0.47 0.35	14.86 -0.52 0.12
HOLTSVILLE_IC_1 23690	19.00 1.50 0.00	17.66 1.31 0.00	13.22 0.98 0.00	9.14 0.71 0.00	13.84 1.05 0.00	81.82 1.34 -64.43	16.72 1.08 0.00	13.28 1.04 0.00	12.77 0.82 0.00	11.19 0.78 0.00	13.00 0.96 0.00	14.27 1.05 0.00	14.75 1.18 0.00	14.88 1.12 -2.09	26.01 1.53 -9.89	25.86 1.76 -7.25	31.60 1.89 -10.51	243.89 2.52 -216.43	255.87 2.86 -223.46	177.97 2.46 -147.23	36.48 2.39 -7.33	28.18 2.03 -4.14	18.81 1.51 0.00	16.78 1.28 0.00
HOLTSVILLE_IC_10 23699	19.08 1.58 0.00	17.72 1.37 0.00	13.26 1.02 0.00	9.17 0.74 0.00	13.88 1.10 0.00	73.80 1.43 -56.31	16.81 1.17 0.00	13.35 1.11 0.00	12.83 0.88 0.00	11.24 0.84 0.00	13.04 1.00 0.00	14.32 1.09 0.00	14.80 1.23 -2.09	14.93 1.17 -9.89	26.10 1.61 -7.25	25.96 1.87 -10.51	31.72 2.00 -193.18	220.79 2.66 -197.50	230.06 3.02 -128.78	159.66 2.60 -7.33	36.64 2.55 -4.14	28.31 2.16 0.00	18.91 1.60 0.00	16.85 1.35 0.00
HOLTSVILLE_IC_2 23691	19.00 1.50 0.00	17.66 1.31 0.00	13.22 0.98 0.00	9.14 0.71 0.00	13.84 1.05 0.00	81.82 1.34 -64.43	16.72 1.08 0.00	13.28 1.04 0.00	12.77 0.82 0.00	11.19 0.78 0.00	13.00 0.96 0.00	14.27 1.05 0.00	14.75 1.18 -2.09	14.88 1.12 -9.89	26.01 1.53 -7.25	25.86 1.76 -10.51	31.60 1.89 -216.43	243.89 2.52 -223.46	255.87 2.86 -147.23	177.97 2.46 -7.33	36.48 2.39 -4.14	28.18 2.03 0.00	18.81 1.51 0.00	16.78 1.28 0.00
HOLTSVILLE_IC_3 23692	19.00 1.50 0.00	17.66 1.31 0.00	13.22 0.98 0.00	9.14 0.71 0.00	13.84 1.05 0.00	81.82 1.34 -64.43	16.72 1.08 0.00	13.28 1.04 0.00	12.77 0.82 0.00	11.19 0.78 0.00	13.00 0.96 0.00	14.27 1.05 0.00	14.75 1.18 -2.09	14.88 1.12 -9.89	26.01 1.53 -7.25	25.86 1.76 -10.51	31.60 1.89 -216.43	243.89 2.52 -223.46	255.87 2.86 -147.23	177.97 2.46 -7.33	36.48 2.39 -4.14	28.18 2.03 0.00	18.81 1.51 0.00	16.78 1.28 0.00
HOLTSVILLE_IC_4 23693	19.00 1.50 0.00	17.66 1.31 0.00	13.22 0.98 0.00	9.14 0.71 0.00	13.84 1.05 0.00	81.82 1.34 -64.43	16.72 1.08 0.00	13.28 1.04 0.00	12.77 0.82 0.00	11.19 0.78 0.00	13.00 0.96 0.00	14.27 1.05 0.00	14.75 1.18 -2.09	14.88 1.12 -9.89	26.01 1.53 -7.25	25.86 1.76 -10.51	31.60 1.89 -216.43	243.89 2.52 -223.46	255.87 2.86 -147.23	177.97 2.46 -7.33	36.48 2.39 -4.14	28.18 2.03 0.00	18.81 1.51 0.00	16.78 1.28 0.00
HOLTSVILLE_IC_5 23694	19.00 1.50 0.00	17.66 1.31 0.00	13.22 0.98 0.00	9.14 0.71 0.00	13.84 1.05 0.00	81.82 1.34 -64.43	16.72 1.08 0.00	13.28 1.04 0.00	12.77 0.82 0.00	11.19 0.78 0.00	13.00 0.96 0.00	14.27 1.05 0.00	14.75 1.18 -2.09	14.88 1.12 -9.89	26.01 1.53 -7.25	25.86 1.76 -10.51	31.60 1.89 -216.43	243.89 2.52 -223.46	255.87 2.86 -147.23	177.97 2.46 -7.33	36.48 2.39 -4.14	28.18 2.03 0.00	18.81 1.51 0.00	16.78 1.28 0.00
HOLTSVILLE_IC_6 23695	19.08 1.58 0.00	17.72 1.37 0.00	13.26 1.02 0.00	9.17 0.74 0.00	13.88 1.10 0.00	73.80 1.43 -56.31	16.81 1.17 0.00	13.35 1.11 0.00	12.83 0.88 0.00	11.24 0.84 0.00	13.04 1.00 0.00	14.32 1.09 0.00	14.80 1.23 -2.09	14.93 1.17 -9.89	26.10 1.61 -7.25	25.96 1.87 -10.51	31.72 2.00 -193.18	220.79 2.66 -197.50	230.06 3.02 -128.78	159.66 2.60 -7.33	36.64 2.55 -4.14	28.31 2.16 0.00	18.91 1.60 0.00	16.85 1.35 0.00
HOLTSVILLE_IC_7 23696	19.08 1.58 0.00	17.72 1.37 0.00	13.26 1.02 0.00	9.17 0.74 0.00	13.88 1.10 0.00	73.80 1.43 -56.31	16.81 1.17 0.00	13.35 1.11 0.00	12.83 0.88 0.00	11.24 0.84 0.00	13.04 1.00 0.00	14.32 1.09 0.00	14.80 1.23 -2.09	14.93 1.17 -9.89	26.10 1.61 -7.25	25.96 1.87 -10.51	31.72 2.00 -193.18	220.79 2.66 -197.50	230.06 3.02 -128.78	159.66 2.60 -7.33	36.64 2.55 -4.14	28.31 2.16 0.00	18.91 1.60 0.00	16.85 1.35 0.00
HOLTSVILLE_IC_8 23697	19.08 1.58 0.00	17.72 1.37 0.00	13.26 1.02 0.00	9.17 0.74 0.00	13.88 1.10 0.00	73.80 1.43 -56.31	16.81 1.17 0.00	13.35 1.11 0.00	12.83 0.88 0.00	11.24 0.84 0.00	13.04 1.00 0.00	14.32 1.09 0.00	14.80 1.23 -2.09	14.93 1.17 -9.89	26.10 1.61 -7.25	25.96 1.87 -10.51	31.72 2.00 -193.18	220.79 2.66 -197.50	230.06 3.02 -128.78	159.66 2.60 -7.33	36.64 2.55 -4.14	28.31 2.16 0.00	18.91 1.60 0.00	16.85 1.35 0.00
HOLTSVILLE_IC_9 23698	19.08 1.58 0.00	17.72 1.37 0.00	13.26 1.02 0.00	9.17 0.74 0.00	13.88 1.10 0.00	73.80 1.43 -56.31	16.81 1.17 0.00	13.35 1.11 0.00	12.83 0.88 0.00	11.24 0.84 0.00	13.04 1.00 0.00	14.32 1.09 0.00	14.80 1.23 -2.09	14.93 1.17 -9.89	26.10 1.61 -7.25	25.96 1.87 -10.51	31.72 2.00 -193.18	220.79 2.66 -197.50	230.06 3.02 -128.78	159.66 2.60 -7.33	36.64 2.55 -4.14	28.31 2.16 0.00	18.91 1.60 0.00	16.85 1.35 0.00
HOMER_HL_115KV_TB2 355744	17.80 0.29 0.00	16.74 0.40 0.00	12.51 0.28 0.00	8.61 0.18 0.00	13.22 0.44 0.00	16.61 0.55 0.00	16.14 0.51 0.00	12.52 0.28 0.00	12.09 0.14 0.00	10.59 0.18 0.00	12.27 0.23 0.00	13.56 0.33 0.00	13.86 0.29 0.00	11.89 0.22 0.00	14.95 0.35 0.00	17.28 0.44 0.00	19.52 0.32 0.00	25.05 0.11 0.00	29.61 0.06 0.00	28.19 -0.09 0.00	26.43 -0.32 0.00	21.77 -0.24 0.00	17.20 -0.11 0.00	15.31 -0.19 0.00
HOWARD_WT_PWR 323690	17.56 -0.06 -0.11	16.42 -0.05 -0.12	12.15 -0.21 -0.12	8.28 -0.22 -0.07	12.82 -0.03 -0.07	16.17 0.02 -0.09	15.77 0.07 -0.07	12.31 0.06 0.00	11.96 0.00 0.00	10.45 0.04 0.00	12.11 0.07 0.00	13.35 0.12 0.00	13.65 0.08 0.00	11.72 0.06 0.00	14.70 0.10 0.00	17.01 0.17 0.00	19.34 0.14 0.00	25.07 0.13 0.00	29.75 0.20 0.00	28.45 0.17 0.00	26.75 -0.03 -0.02	22.28 -0.15 -0.42	17.39 -0.28 -0.37	15.12 -0.50 -0.13

HQ_GEN_CEDARS 23644	10.38 -1.38 5.73	16.04 -0.31 0.00	12.00 -0.24 0.00	8.24 -0.19 0.00	12.52 -0.27 0.00	15.80 -0.26 0.00	15.40 -0.24 0.00	12.05 -0.20 0.00	11.80 -0.16 0.00	10.29 -0.12 0.00	11.92 -0.12 0.00	13.10 -0.12 0.00	13.49 -0.08 0.00	11.55 -0.11 0.00	14.40 -0.20 0.00	16.61 -0.22 0.00	18.96 -0.24 0.00	24.66 -0.28 0.00	29.13 -0.41 0.00	28.04 -0.24 0.00	26.65 -0.11 0.00	21.96 -0.05 0.00	17.24 -0.06 0.00	15.31 -0.18 0.00
HQ_GEN_CEDARS_PROXY 323590	10.38 -1.38 5.73	16.04 -0.31 0.00	12.00 -0.24 0.00	8.24 -0.19 0.00	12.52 -0.27 0.00	15.80 -0.26 0.00	15.40 -0.24 0.00	12.05 -0.20 0.00	11.80 -0.16 0.00	10.29 -0.12 0.00	11.92 -0.12 0.00	13.10 -0.12 0.00	13.49 -0.08 0.00	11.55 -0.11 0.00	14.40 -0.20 0.00	16.61 -0.23 0.00	18.96 -0.24 0.00	24.66 -0.28 0.00	29.13 -0.41 0.00	28.04 -0.24 0.00	26.65 -0.11 0.00	21.96 -0.05 0.00	17.24 -0.06 0.00	15.31 -0.18 0.00
HQ_GEN_IMPORT 323601	9.82 -1.38 6.30	16.14 -0.21 0.00	12.08 -0.15 0.00	8.31 -0.11 0.00	12.61 -0.17 0.00	15.87 -0.19 0.00	15.45 -0.18 0.00	12.10 -0.14 0.00	11.84 -0.12 0.00	10.32 -0.09 0.00	11.95 -0.09 0.00	13.12 -0.09 0.00	13.49 -0.08 0.00	11.58 -0.08 0.00	14.49 -0.11 0.00	16.72 -0.12 0.00	19.07 -0.14 0.00	24.78 -0.16 0.00	29.28 -0.27 0.00	28.09 -0.19 0.00	26.63 -0.13 0.00	21.92 -0.09 0.00	17.23 -0.08 0.00	15.38 -0.12 0.00
HQ_GEN_WHEEL 23651	9.82 -1.38 6.30	16.14 -0.21 0.00	12.08 -0.15 0.00	8.31 -0.11 0.00	12.61 -0.17 0.00	15.87 -0.19 0.00	15.45 -0.18 0.00	12.10 -0.14 0.00	11.84 -0.12 0.00	10.32 -0.09 0.00	11.95 -0.09 0.00	13.12 -0.09 0.00	13.49 -0.08 0.00	11.58 -0.08 0.00	14.49 -0.11 0.00	16.72 -0.12 0.00	19.07 -0.14 0.00	24.78 -0.16 0.00	29.28 -0.27 0.00	28.09 -0.19 0.00	26.63 -0.13 0.00	21.92 -0.09 0.00	17.23 -0.08 0.00	15.38 -0.12 0.00
HUDSON_AVE_GT_3 23810	18.54 1.04 0.00	17.32 0.97 0.00	12.98 0.74 0.00	8.93 0.50 0.00	13.53 0.75 0.00	16.93 0.87 0.00	16.46 0.82 0.00	12.96 0.72 0.00	12.64 0.69 0.00	11.03 0.62 0.00	12.83 0.79 0.00	14.10 0.88 0.00	14.48 0.92 0.00	12.53 0.87 0.00	15.78 1.18 0.00	18.22 1.38 0.00	20.79 1.58 0.00	26.95 2.01 0.00	31.86 2.31 0.00	30.26 1.98 0.00	28.67 1.91 0.00	23.50 1.49 0.00	18.42 1.12 0.00	16.44 0.94 0.00
HUDSON_AVE_GT_4 23540	18.54 1.04 0.00	17.32 0.97 0.00	12.98 0.74 0.00	8.93 0.50 0.00	13.53 0.75 0.00	16.93 0.87 0.00	16.46 0.82 0.00	12.96 0.72 0.00	12.64 0.69 0.00	11.03 0.62 0.00	12.83 0.79 0.00	14.10 0.88 0.00	14.48 0.92 0.00	12.53 0.87 0.00	15.78 1.18 0.00	18.22 1.38 0.00	20.79 1.58 0.00	26.95 2.01 0.00	31.86 2.31 0.00	30.26 1.98 0.00	28.67 1.91 0.00	23.50 1.49 0.00	18.42 1.12 0.00	16.44 0.94 0.00
HUDSON_AVE_GT_5 23657	18.54 1.04 0.00	17.32 0.97 0.00	12.98 0.74 0.00	8.93 0.50 0.00	13.53 0.75 0.00	16.93 0.87 0.00	16.46 0.82 0.00	12.96 0.72 0.00	12.64 0.69 0.00	11.03 0.62 0.00	12.83 0.79 0.00	14.10 0.88 0.00	14.48 0.92 0.00	12.53 0.87 0.00	15.78 1.18 0.00	18.22 1.38 0.00	20.79 1.58 0.00	26.95 2.01 0.00	31.86 2.31 0.00	30.26 1.98 0.00	28.67 1.91 0.00	23.50 1.49 0.00	18.42 1.12 0.00	16.44 0.94 0.00
HUDSON_AVE_10 24168	18.44 0.93 0.00	17.24 0.89 0.00	12.92 0.68 0.00	8.89 0.46 0.00	13.47 0.68 0.00	16.85 0.79 0.00	16.38 0.74 0.00	12.89 0.65 0.00	12.58 0.63 0.00	-31.55 0.56 42.53	-35.44 0.72 48.20	14.02 0.80 0.00	14.40 0.83 0.00	12.45 0.79 0.01	15.68 1.09 0.01	-2.32 1.27 20.43	-37.20 1.49 57.89	13.17 1.86 13.62	31.67 2.12 0.00	30.09 1.81 0.00	28.51 1.75 0.00	23.38 1.36 0.00	18.34 1.03 0.00	16.36 0.86 0.00
HUDSON___115KV_TB 4 355613	18.33 0.83 0.00	17.19 0.85 0.00	12.90 0.65 0.00	8.88 0.46 0.00	13.45 0.67 0.00	16.85 0.79 0.00	16.38 0.74 0.00	12.79 0.55 0.00	12.43 0.48 0.00	10.74 0.33 0.00	12.33 0.29 0.00	13.48 0.26 0.00	13.81 0.24 0.00	11.87 0.21 0.00	14.86 0.26 0.00	17.14 0.30 0.00	19.62 0.42 0.00	25.58 0.64 0.00	30.50 0.95 0.00	29.34 1.06 0.00	27.80 1.04 0.00	22.84 0.83 0.00	17.92 0.62 0.00	16.06 0.56 0.00
HUNTER MOUNT___DRP 323613	18.43 0.93 0.00	17.29 0.94 0.00	12.97 0.72 0.00	8.93 0.51 0.00	13.52 0.74 0.00	16.95 0.89 0.00	16.48 0.84 0.00	12.84 0.60 0.00	12.47 0.51 0.00	10.76 0.35 0.00	12.33 0.29 0.00	13.47 0.25 0.00	13.80 0.23 0.00	11.86 0.19 0.00	14.83 0.23 0.00	17.11 0.27 0.00	19.63 0.43 0.00	25.61 0.67 0.00	30.58 1.03 0.00	29.47 1.19 0.00	27.94 1.18 0.00	22.96 0.95 0.00	18.00 0.69 0.00	16.13 0.63 0.00
HUNTINGTON_RES_REC 323705	18.85 1.35 0.00	17.52 1.17 0.00	13.11 0.87 0.00	9.05 0.62 0.00	13.71 0.92 0.00	21.12 0.99 -4.08	16.33 0.70 0.00	12.96 0.71 0.00	12.51 0.55 0.00	10.97 0.56 0.00	12.79 0.75 0.00	14.03 0.81 0.00	14.50 0.93 0.00	14.66 0.90 -2.09	25.71 1.22 -9.89	25.47 1.37 -7.25	31.18 1.47 -10.51	70.50 1.97 -43.59	62.21 2.26 -30.40	40.27 1.96 -10.03	36.26 2.18 -7.33	27.99 1.84 -4.14	18.68 1.37 0.00	16.68 1.18 0.00
HUNTLEY___63 23557	17.11 -0.40 0.00	16.10 -0.25 0.00	12.05 -0.19 0.00	8.28 -0.15 0.00	12.62 -0.16 0.00	15.89 -0.17 0.00	15.38 -0.26 0.00	11.93 -0.32 0.00	11.63 -0.32 0.00	10.23 -0.18 0.00	11.86 -0.18 0.00	13.11 -0.11 0.00	13.45 -0.12 0.00	11.52 -0.14 0.00	14.45 -0.15 0.00	16.59 -0.25 0.00	18.77 -0.43 0.00	24.32 -0.62 0.00	28.65 -0.90 0.00	27.28 -1.00 0.00	25.47 -1.30 0.00	21.05 -0.97 0.00	16.69 -0.61 0.00	14.89 -0.61 0.00
HUNTLEY___64 23558	17.11 -0.40 0.00	16.10 -0.25 0.00	12.05 -0.19 0.00	8.28 -0.15 0.00	12.62 -0.16 0.00	15.89 -0.17 0.00	15.38 -0.26 0.00	11.93 -0.32 0.00	11.63 -0.32 0.00	10.23 -0.18 0.00	11.86 -0.18 0.00	13.11 -0.11 0.00	13.45 -0.12 0.00	11.52 -0.14 0.00	14.45 -0.15 0.00	16.59 -0.25 0.00	18.77 -0.43 0.00	24.32 -0.62 0.00	28.65 -0.90 0.00	27.28 -1.00 0.00	25.47 -1.30 0.00	21.05 -0.97 0.00	16.69 -0.61 0.00	14.89 -0.61 0.00
HUNTLEY___65 23559	17.11 -0.40 0.00	16.10 -0.25 0.00	12.05 -0.19 0.00	8.28 -0.15 0.00	12.62 -0.16 0.00	15.89 -0.17 0.00	15.38 -0.26 0.00	11.93 -0.32 0.00	11.63 -0.32 0.00	10.23 -0.18 0.00	11.86 -0.18 0.00	13.11 -0.11 0.00	13.45 -0.12 0.00	11.52 -0.14 0.00	14.45 -0.15 0.00	16.59 -0.25 0.00	18.77 -0.43 0.00	24.32 -0.62 0.00	28.65 -0.90 0.00	27.28 -1.00 0.00	25.47 -1.30 0.00	21.05 -0.97 0.00	16.69 -0.61 0.00	14.89 -0.61 0.00
HUNTLEY___66 23560	17.11 -0.40 0.00	16.10 -0.25 0.00	12.05 -0.19 0.00	8.28 -0.15 0.00	12.62 -0.16 0.00	15.89 -0.17 0.00	15.38 -0.26 0.00	11.93 -0.32 0.00	11.63 -0.32 0.00	10.23 -0.18 0.00	11.86 -0.18 0.00	13.11 -0.11 0.00	13.45 -0.12 0.00	11.52 -0.14 0.00	14.45 -0.15 0.00	16.59 -0.25 0.00	18.77 -0.43 0.00	24.32 -0.62 0.00	28.65 -0.90 0.00	27.28 -1.00 0.00	25.47 -1.30 0.00	21.05 -0.97 0.00	16.69 -0.61 0.00	14.89 -0.61 0.00



HUNTLEY___67 23561	17.02 -0.48 0.00	16.03 -0.32 0.00	12.00 -0.24 0.00	8.24 -0.18 0.00	12.58 -0.20 0.00	15.83 -0.23 0.00	15.33 -0.31 0.00	11.89 -0.35 0.00	11.59 -0.37 0.00	10.19 -0.22 0.00	11.82 -0.22 0.00	13.07 -0.15 0.00	13.39 -0.17 0.00	11.47 -0.19 0.00	14.39 -0.21 0.00	16.54 -0.30 0.00	18.71 -0.50 0.00	24.20 -0.74 0.00	28.57 -0.98 0.00	27.20 -1.08 0.00	25.41 -1.35 0.00	20.99 -1.02 0.00	16.65 -0.65 0.00	14.85 -0.65 0.00
HUNTLEY___68 23562	17.02 -0.48 0.00	16.03 -0.32 0.00	12.00 -0.24 0.00	8.24 -0.18 0.00	12.58 -0.20 0.00	15.83 -0.23 0.00	15.33 -0.31 0.00	11.89 -0.35 0.00	11.59 -0.37 0.00	10.19 -0.22 0.00	11.82 -0.22 0.00	13.07 -0.15 0.00	13.39 -0.17 0.00	11.47 -0.19 0.00	14.39 -0.21 0.00	16.54 -0.30 0.00	18.71 -0.50 0.00	24.20 -0.74 0.00	28.57 -0.98 0.00	27.20 -1.08 0.00	25.41 -1.35 0.00	20.99 -1.02 0.00	16.65 -0.65 0.00	14.85 -0.65 0.00
HYLAND___LFG 323620	17.87 0.37 0.00	16.73 0.38 0.00	12.46 0.22 0.00	8.56 0.13 0.00	13.11 0.33 0.00	16.49 0.44 0.00	16.02 0.38 0.00	12.32 0.08 0.00	11.86 -0.09 0.00	10.39 -0.02 0.00	12.04 0.00 0.00	13.28 0.06 0.00	13.61 0.04 0.00	11.69 0.02 0.00	14.65 0.05 0.00	16.92 0.09 0.00	19.24 0.04 0.00	24.92 -0.02 0.00	29.71 0.16 0.00	28.47 0.19 0.00	27.22 0.46 0.00	22.52 0.50 0.00	17.70 0.39 0.00	15.69 0.19 0.00
INDECK___CORINTH 23802	18.48 0.98 0.00	17.39 1.04 0.00	13.04 0.79 0.00	8.98 0.55 0.00	13.62 0.83 0.00	17.09 1.02 0.00	16.63 0.99 0.00	12.99 0.75 0.00	12.64 0.68 0.00	10.96 0.56 0.00	12.54 0.50 0.00	13.73 0.51 0.00	13.98 0.41 0.00	12.05 0.39 0.00	15.17 0.57 0.00	17.51 0.67 0.00	20.24 1.04 0.00	26.46 1.52 0.00	31.64 2.09 0.00	30.40 2.12 0.00	28.79 2.03 0.00	23.62 1.61 0.00	18.46 1.15 0.00	16.50 1.00 0.00
INDECK___ILION 23567	17.63 0.12 0.00	16.51 0.16 0.00	12.34 0.09 0.00	8.48 0.05 0.00	12.87 0.08 0.00	16.16 0.09 0.00	15.75 0.11 0.00	12.31 0.07 0.00	11.99 0.03 0.00	10.41 0.00 0.00	12.02 -0.02 0.00	13.18 -0.04 0.00	13.51 -0.06 0.00	11.63 -0.03 0.00	14.56 -0.04 0.00	16.80 -0.03 0.00	19.22 0.02 0.00	24.99 0.05 0.00	29.74 0.19 0.00	28.50 0.22 0.00	26.99 0.22 0.00	22.20 0.19 0.00	17.45 0.14 0.00	15.63 0.13 0.00
INDECK___OLEAN 23982	17.43 0.28 0.35	16.36 0.39 0.38	12.13 0.27 0.38	8.39 0.18 0.22	13.00 0.43 0.21	16.34 0.55 0.28	15.93 0.51 0.21	12.51 0.28 0.01	12.10 0.14 0.00	10.59 0.18 0.00	12.27 0.23 0.00	13.56 0.33 0.00	13.86 0.29 0.00	11.89 0.22 0.00	14.95 0.35 0.00	17.28 0.44 0.00	19.52 0.32 0.00	25.04 0.10 0.00	29.61 0.06 0.00	28.20 -0.08 0.00	26.36 -0.33 0.07	20.47 -0.24 1.30	16.07 -0.11 1.13	14.92 -0.19 0.39
INDECK___OSWEGO 23783	16.95 -0.35 0.20	16.05 -0.29 0.00	12.00 -0.23 0.00	8.27 -0.16 0.00	12.57 -0.22 0.00	15.81 -0.25 0.00	15.40 -0.24 0.00	12.02 -0.22 0.00	11.72 -0.23 0.00	10.21 -0.20 0.00	11.78 -0.26 0.00	12.95 -0.27 0.00	13.28 -0.29 0.00	11.39 -0.28 0.00	14.22 -0.38 0.00	16.39 -0.44 0.00	18.67 -0.53 0.00	24.24 -0.70 0.00	28.80 -0.75 0.00	27.55 -0.73 0.00	26.05 -0.71 0.00	21.44 -0.57 0.00	16.90 -0.40 0.00	15.21 -0.29 0.00
INDECK___YERKES 23781	16.88 -0.38 0.24	15.85 -0.24 0.26	11.80 -0.18 0.26	8.13 -0.14 0.16	12.49 -0.15 0.15	15.71 -0.16 0.19	15.24 -0.25 0.15	11.93 -0.31 0.01	11.64 -0.31 0.00	10.24 -0.17 0.00	11.87 -0.17 0.00	13.13 -0.09 0.00	13.46 -0.11 0.00	11.53 -0.13 0.00	14.46 -0.13 0.00	16.60 -0.23 0.00	18.79 -0.42 0.00	24.34 -0.60 0.00	28.68 -0.87 0.00	27.31 -0.97 0.00	25.44 -1.27 0.05	20.15 -0.95 0.91	15.92 -0.59 0.79	14.63 -0.60 0.27
INDIAN POINT_GT_1 24139	18.30 0.80 0.00	17.11 0.76 0.00	12.81 0.58 0.00	8.82 0.39 0.00	13.37 0.59 0.00	16.73 0.67 0.00	16.27 0.64 0.00	12.80 0.56 0.00	12.49 0.54 0.00	10.89 0.48 0.00	12.64 0.60 0.00	13.88 0.66 0.00	14.25 0.68 0.00	12.32 0.66 0.00	15.51 0.91 0.00	17.92 1.08 0.00	20.43 1.23 0.00	26.52 1.58 0.00	31.39 1.84 0.00	29.88 1.60 0.00	28.25 1.49 0.00	23.17 1.15 0.00	18.16 0.85 0.00	16.23 0.72 0.00
INDIAN POINT_GT_2 23659	18.30 0.80 0.00	17.11 0.76 0.00	12.81 0.58 0.00	8.82 0.39 0.00	13.37 0.59 0.00	16.73 0.67 0.00	16.27 0.64 0.00	12.80 0.56 0.00	12.49 0.54 0.00	10.89 0.48 0.00	12.64 0.60 0.00	13.88 0.66 0.00	14.25 0.68 0.00	12.32 0.66 0.00	15.51 0.91 0.00	17.92 1.08 0.00	20.43 1.23 0.00	26.52 1.58 0.00	31.39 1.84 0.00	29.88 1.60 0.00	28.25 1.49 0.00	23.17 1.15 0.00	18.16 0.85 0.00	16.23 0.72 0.00
INDIAN POINT_GT_3 24019	18.30 0.80 0.00	17.11 0.76 0.00	12.81 0.58 0.00	8.82 0.39 0.00	13.37 0.59 0.00	16.73 0.67 0.00	16.27 0.64 0.00	12.80 0.56 0.00	12.49 0.54 0.00	10.89 0.48 0.00	12.64 0.60 0.00	13.88 0.66 0.00	14.25 0.68 0.00	12.32 0.66 0.00	15.51 0.91 0.00	17.92 1.08 0.00	20.43 1.23 0.00	26.52 1.58 0.00	31.39 1.84 0.00	29.88 1.60 0.00	28.25 1.49 0.00	23.17 1.15 0.00	18.16 0.85 0.00	16.23 0.72 0.00
INDIAN POINT___2 23530	18.24 0.74 0.00	17.05 0.70 0.00	12.77 0.53 0.00	8.79 0.36 0.00	13.33 0.54 0.00	16.67 0.61 0.00	16.22 0.58 0.00	12.76 0.51 0.00	12.45 0.50 0.00	10.85 0.44 0.00	12.60 0.56 0.00	13.84 0.62 0.00	14.19 0.63 0.00	12.28 0.62 0.00	15.45 0.86 0.00	17.86 1.02 0.00	20.37 1.17 0.00	26.42 1.48 0.00	31.29 1.74 0.00	29.79 1.51 0.00	28.15 1.39 0.00	23.08 1.07 0.00	18.10 0.79 0.00	16.17 0.67 0.00
INDIAN POINT___3 23531	18.32 0.82 0.00	17.13 0.78 0.00	12.84 0.59 0.00	8.83 0.40 0.00	13.39 0.61 0.00	16.75 0.69 0.00	16.29 0.66 0.00	12.81 0.57 0.00	12.51 0.56 0.00	10.91 0.49 0.00	12.66 0.62 0.00	13.90 0.68 0.00	14.26 0.69 0.00	12.34 0.68 0.00	15.53 0.93 0.00	17.94 1.10 0.00	20.45 1.25 0.00	26.54 1.60 0.00	31.41 1.86 0.00	29.90 1.62 0.00	28.27 1.51 0.00	23.19 1.18 0.00	18.18 0.88 0.00	16.25 0.74 0.00
INGHAM_C_115KV_TB7 356103	17.72 0.21 0.00	16.58 0.23 0.00	12.34 0.10 0.00	8.48 0.05 0.00	12.84 0.06 0.00	16.13 0.07 0.00	15.74 0.10 0.00	12.27 0.03 0.00	11.91 -0.04 0.00	10.31 -0.10 0.00	11.87 -0.17 0.00	12.99 -0.23 0.00	13.31 -0.26 0.00	11.47 -0.19 0.00	14.38 -0.22 0.00	16.59 -0.24 0.00	19.07 -0.13 0.00	24.81 -0.13 0.00	29.64 0.09 0.00	28.49 0.21 0.00	27.04 0.28 0.00	22.26 0.25 0.00	17.49 0.18 0.00	15.66 0.16 0.00
IP CORINTH___1 23988	18.50 1.00 0.00	17.39 1.04 0.00	13.04 0.79 0.00	8.98 0.55 0.00	13.61 0.83 0.00	17.09 1.02 0.00	16.63 0.99 0.00	12.99 0.75 0.00	12.64 0.68 0.00	10.96 0.56 0.00	12.54 0.50 0.00	13.73 0.51 0.00	13.98 0.41 0.00	12.05 0.39 0.00	15.17 0.57 0.00	17.51 0.67 0.00	20.24 1.04 0.00	26.46 1.52 0.00	31.64 2.09 0.00	30.40 2.12 0.00	28.78 2.02 0.00	23.62 1.61 0.00	18.46 1.15 0.00	16.50 1.00 0.00

IP__TICONDEROGA 23804	19.19 1.69 0.00	18.00 1.66 0.00	13.50 1.26 0.00	9.29 0.86 0.00	14.11 1.33 0.00	17.72 1.66 0.00	17.25 1.62 0.00	13.43 1.19 0.00	13.03 1.08 0.00	11.32 0.91 0.00	12.95 0.90 0.00	14.16 0.94 0.00	14.43 0.86 0.00	12.42 0.75 0.00	15.59 0.99 0.00	18.05 1.21 0.00	20.88 1.68 0.00	27.34 2.40 0.00	32.73 3.18 0.00	31.61 3.33 0.00	30.05 3.29 0.00	24.64 2.62 0.00	19.19 1.88 0.00	17.10 1.60 0.00
ISLIP_RES_REC 323679	19.15 1.64 0.00	17.77 1.43 0.00	13.30 1.06 0.00	9.19 0.76 0.00	13.93 1.14 0.00	69.27 1.48 -51.73	16.85 1.22 0.00	13.39 1.15 0.00	12.88 0.92 0.00	11.28 0.87 0.00	13.08 1.04 0.00	14.36 1.14 0.00	14.86 1.29 0.00	14.98 1.23 -2.09	26.17 1.68 -9.89	26.06 1.96 -7.25	31.83 2.11 -10.51	207.82 2.81 -180.07	215.61 3.22 -182.85	149.42 2.78 -118.36	36.79 2.70 -7.33	28.43 2.28 -4.14	18.99 1.69 0.00	16.92 1.42 0.00
JAMAICA__27_KV_LOAD 355505	18.51 1.01 0.00	17.33 0.98 0.00	12.98 0.74 0.00	8.93 0.50 0.00	13.53 0.75 0.00	16.94 0.88 0.00	16.44 0.81 0.00	12.93 0.69 0.00	12.62 0.67 0.00	-31.53 0.59 42.53	-35.42 0.74 48.20	14.05 0.82 0.00	14.42 0.85 0.00	12.46 0.80 0.01	15.70 1.10 0.01	-2.30 1.29 20.43	-37.14 1.55 57.89	13.24 1.93 13.62	31.75 2.20 0.00	30.17 1.89 0.00	28.61 1.85 0.00	23.45 1.44 0.00	18.43 1.12 0.00	16.42 0.92 0.00
JANIS__SOLAR 323808	18.16 0.58 -0.08	16.97 0.53 -0.09	12.61 0.28 -0.09	8.62 0.14 -0.05	13.09 0.26 -0.05	16.54 0.41 -0.07	16.17 0.49 -0.05	12.57 0.32 0.00	12.15 0.20 0.00	10.53 0.12 0.00	12.14 0.10 0.00	13.33 0.11 0.00	13.66 0.09 0.00	11.72 0.05 0.00	14.67 0.07 0.00	17.00 0.16 0.00	19.53 0.33 0.00	25.56 0.63 0.00	30.65 1.10 0.00	29.47 1.18 0.00	27.93 1.16 -0.02	23.25 0.93 -0.31	18.28 0.71 -0.27	16.16 0.57 -0.09
JARVIS____ 23743	17.53 0.02 0.00	16.43 0.08 0.00	12.30 0.06 0.00	8.47 0.04 0.00	12.85 0.06 0.00	16.14 0.08 0.00	15.73 0.09 0.00	12.31 0.07 0.00	12.01 0.06 0.00	10.45 0.04 0.00	12.09 0.05 0.00	13.26 0.04 0.00	13.61 0.04 0.00	11.70 0.04 0.00	14.65 0.04 0.00	16.89 0.05 0.00	19.28 0.08 0.00	25.04 0.10 0.00	29.69 0.14 0.00	28.41 0.13 0.00	26.87 0.11 0.00	22.10 0.09 0.00	17.37 0.06 0.00	15.58 0.07 0.00
JENNISON__1 23625	18.14 0.63 0.00	16.89 0.55 0.00	12.44 0.20 0.00	8.43 0.00 0.00	12.79 0.00 0.00	16.19 0.13 0.00	15.99 0.35 0.00	12.60 0.36 0.00	12.31 0.35 0.00	10.74 0.33 0.00	12.41 0.37 0.00	13.63 0.41 0.00	13.95 0.38 0.00	11.98 0.32 0.00	15.00 0.40 0.00	17.39 0.55 0.00	19.92 0.72 0.00	26.02 1.08 0.00	31.01 1.46 0.00	29.70 1.42 0.00	28.11 1.35 0.00	23.08 1.07 0.00	18.12 0.82 0.00	16.15 0.65 0.00
JENNISON__2 23626	18.14 0.63 0.00	16.89 0.55 0.00	12.44 0.20 0.00	8.43 0.00 0.00	12.79 0.00 0.00	16.19 0.13 0.00	15.99 0.35 0.00	12.60 0.36 0.00	12.31 0.35 0.00	10.74 0.33 0.00	12.41 0.37 0.00	13.63 0.41 0.00	13.95 0.38 0.00	11.98 0.32 0.00	15.00 0.40 0.00	17.39 0.55 0.00	19.92 0.72 0.00	26.02 1.08 0.00	31.01 1.46 0.00	29.70 1.42 0.00	28.11 1.35 0.00	23.08 1.07 0.00	18.12 0.82 0.00	16.15 0.65 0.00
JERICO_RISE_WT_PWR 323719	10.23 -1.29 5.98	16.21 -0.14 0.00	12.14 -0.11 0.00	8.31 -0.12 0.00	12.61 -0.17 0.00	15.88 -0.18 0.00	15.50 -0.13 0.00	12.19 -0.05 0.00	11.94 -0.01 0.00	10.43 0.02 0.00	12.09 0.04 0.00	13.30 0.07 0.00	13.70 0.13 0.00	11.77 0.10 0.00	14.72 0.12 0.00	16.98 0.14 0.00	19.42 0.22 0.00	25.33 0.39 0.00	29.98 0.43 0.00	28.81 0.53 0.00	27.31 0.55 0.00	22.44 0.43 0.00	17.59 0.28 0.00	15.65 0.15 0.00
KATONAH__115KV_46KV_TB4 355592	18.45 0.95 0.00	17.25 0.90 0.00	12.93 0.69 0.00	8.90 0.47 0.00	13.48 0.70 0.00	16.87 0.81 0.00	16.40 0.77 0.00	12.91 0.67 0.00	12.60 0.64 0.00	10.99 0.58 0.00	12.76 0.72 0.00	14.01 0.79 0.00	14.38 0.82 0.00	12.44 0.78 0.00	15.66 1.06 0.00	18.09 1.25 0.00	20.64 1.44 0.00	26.78 1.84 0.00	31.71 2.16 0.00	30.15 1.87 0.00	28.52 1.76 0.00	23.40 1.39 0.00	18.33 1.03 0.00	16.36 0.86 0.00
KCE_NY_1 323755	18.38 0.88 0.00	17.25 0.90 0.00	12.93 0.69 0.00	8.91 0.48 0.00	13.50 0.72 0.00	16.93 0.86 0.00	16.47 0.84 0.00	12.87 0.63 0.00	12.53 0.57 0.00	10.86 0.45 0.00	12.49 0.45 0.00	13.68 0.46 0.00	14.00 0.43 0.00	12.06 0.39 0.00	15.17 0.57 0.00	17.48 0.64 0.00	20.08 0.87 0.00	26.19 1.25 0.00	31.19 1.64 0.00	29.90 1.62 0.00	28.28 1.52 0.00	23.24 1.23 0.00	18.21 0.90 0.00	16.30 0.80 0.00
KCE_NY_6_ESR 323823	16.99 -0.24 0.27	15.95 -0.11 0.29	11.87 -0.09 0.29	8.18 -0.07 0.17	12.60 -0.02 0.16	15.84 -0.01 0.21	15.40 -0.08 0.16	12.06 -0.17 0.01	11.77 -0.19 0.00	10.34 -0.07 0.00	12.00 -0.04 0.00	13.26 0.04 0.00	13.59 0.01 0.00	11.65 -0.01 0.00	14.60 0.00 0.00	16.80 -0.04 0.00	19.02 -0.18 0.00	24.61 -0.33 0.00	29.08 -0.47 0.00	27.70 -0.58 0.00	25.84 -0.87 0.05	20.36 -0.65 1.00	16.05 -0.38 0.87	14.77 -0.43 0.30
KEDC_PORT_JEFF_GT2 24210	19.06 1.56 0.00	17.70 1.36 0.00	13.26 1.01 0.00	9.16 0.73 0.00	13.87 1.09 0.00	76.87 1.43 -59.38	16.81 1.17 0.00	13.36 1.11 0.00	12.84 0.89 0.00	11.25 0.84 0.00	13.05 1.01 0.00	14.32 1.10 0.00	14.81 1.24 0.00	14.94 1.18 -2.09	26.11 1.62 -9.89	25.97 1.88 -7.25	31.61 1.89 -10.51	229.45 2.52 -201.98	239.74 2.87 -207.33	166.48 2.44 -135.76	36.52 2.43 -7.33	28.27 2.12 -4.14	18.87 1.57 0.00	16.83 1.33 0.00
KEDC_PORT_JEFF_GT3 24211	19.06 1.56 0.00	17.70 1.36 0.00	13.26 1.01 0.00	9.16 0.73 0.00	13.87 1.09 0.00	76.87 1.43 -59.38	16.81 1.17 0.00	13.36 1.11 0.00	12.84 0.89 0.00	11.25 0.84 0.00	13.05 1.01 0.00	14.32 1.10 0.00	14.81 1.24 0.00	14.94 1.18 -2.09	26.11 1.62 -9.89	25.97 1.88 -7.25	31.61 1.89 -10.51	229.45 2.52 -201.98	239.74 2.87 -207.33	166.48 2.44 -135.76	36.52 2.43 -7.33	28.27 2.12 -4.14	18.87 1.57 0.00	16.83 1.33 0.00
KEDC_GLWD_GT4 24219	18.67 1.17 0.00	17.42 1.07 0.00	13.05 0.80 0.00	8.98 0.56 0.00	13.61 0.83 0.00	17.04 0.98 0.00	16.51 0.87 0.00	13.02 0.78 0.00	12.66 0.71 0.00	11.08 0.66 0.00	12.90 0.86 0.00	14.18 0.95 0.00	14.60 1.03 0.00	14.73 0.97 -2.09	25.80 1.31 -9.89	25.62 1.52 -7.25	31.44 1.72 -10.51	59.07 2.22 -31.92	49.49 2.58 -17.36	31.27 2.22 -0.76	36.19 2.11 -7.33	27.83 1.68 -4.14	18.54 1.24 0.00	16.55 1.05 0.00
KEDC_GLWD_GT5 24220	18.67 1.17 0.00	17.42 1.07 0.00	13.05 0.80 0.00	8.98 0.56 0.00	13.61 0.83 0.00	17.04 0.98 0.00	16.51 0.87 0.00	13.02 0.78 0.00	12.66 0.71 0.00	11.08 0.66 0.00	12.90 0.86 0.00	14.18 0.95 0.00	14.60 1.03 0.00	14.73 0.97 -2.09	25.80 1.31 -9.89	25.62 1.52 -7.25	31.44 1.72 -10.51	59.07 2.22 -31.92	49.49 2.58 -17.36	31.27 2.22 -0.76	36.19 2.11 -7.33	27.83 1.68 -4.14	18.54 1.24 0.00	16.55 1.05 0.00

KENSICO____ 23655	18.42 0.92 0.00	17.23 0.88 0.00	12.91 0.67 0.00	8.89 0.46 0.00	13.47 0.68 0.00	16.85 0.79 0.00	16.38 0.74 0.00	12.89 0.64 0.00	12.57 0.62 0.00	10.96 0.55 0.00	12.74 0.70 0.00	13.98 0.76 0.00	14.36 0.79 0.00	12.42 0.76 0.00	15.64 1.04 0.00	18.06 1.22 0.00	20.59 1.39 0.00	26.72 1.78 0.00	31.61 2.06 0.00	30.06 1.78 0.00	28.45 1.69 0.00	23.34 1.32 0.00	18.29 0.99 0.00	16.34 0.84 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.25 0.75 0.00	17.03 0.68 0.00	12.76 0.51 0.00	8.78 0.36 0.00	13.31 0.52 0.00	16.66 0.60 0.00	16.21 0.57 0.00	12.75 0.51 0.00	12.46 0.50 0.00	10.84 0.43 0.00	12.56 0.52 0.00	13.78 0.56 0.00	14.15 0.58 0.00	12.24 0.57 0.00	15.42 0.82 0.00	17.83 1.00 0.00	20.37 1.16 0.00	26.53 1.59 0.00	31.50 1.95 0.00	30.04 1.76 0.00	28.38 1.62 0.00	23.27 1.26 0.00	18.22 0.91 0.00	16.25 0.75 0.00
KIAC_JFK_GT1 23816	18.40 0.90 0.00	17.23 0.88 0.00	12.91 0.67 0.00	8.88 0.45 0.00	13.46 0.67 0.00	16.85 0.78 0.00	16.35 0.71 0.00	12.86 0.62 0.00	12.55 0.60 0.00	-31.59 0.53 42.53	-35.49 0.66 48.20	13.96 0.74 0.00	14.34 0.77 0.00	12.39 0.73 0.01	15.60 1.01 0.01	-2.41 1.19 20.43	-37.26 1.43 57.89	13.07 1.76 13.62	31.55 2.00 0.00	29.97 1.69 0.00	28.43 1.67 0.00	23.29 1.28 0.00	18.31 1.00 0.00	16.33 0.82 0.00
KIAC_JFK_GT2 23817	18.40 0.90 0.00	17.23 0.88 0.00	12.91 0.67 0.00	8.88 0.45 0.00	13.46 0.67 0.00	16.85 0.78 0.00	16.35 0.71 0.00	12.86 0.62 0.00	12.55 0.60 0.00	-31.59 0.53 42.53	-35.49 0.66 48.20	13.96 0.74 0.00	14.34 0.77 0.00	12.39 0.73 0.01	15.60 1.01 0.01	-2.41 1.19 20.43	-37.26 1.43 57.89	13.07 1.76 13.62	31.55 2.00 0.00	29.97 1.69 0.00	28.43 1.67 0.00	23.29 1.28 0.00	18.31 1.00 0.00	16.33 0.82 0.00
KIAC_JFK____ 323774	18.40 0.90 0.00	17.23 0.88 0.00	12.91 0.67 0.00	8.87 0.45 0.00	13.46 0.67 0.00	16.85 0.78 0.00	16.35 0.71 0.00	12.86 0.62 0.00	12.55 0.60 0.00	-31.59 0.53 42.53	-35.49 0.66 48.20	13.96 0.74 0.00	14.34 0.77 0.00	12.39 0.73 0.01	15.60 1.01 0.01	-2.41 1.19 20.43	-37.26 1.43 57.89	13.07 1.76 13.62	31.55 2.00 0.00	29.98 1.69 0.00	28.43 1.67 0.00	23.29 1.28 0.00	18.31 1.00 0.00	16.33 0.82 0.00
KINTIGH____ 23543	16.96 -0.54 0.00	15.96 -0.38 0.00	11.95 -0.29 0.00	8.22 -0.21 0.00	12.52 -0.26 0.00	15.75 -0.30 0.00	15.26 -0.38 0.00	11.86 -0.38 0.00	11.55 -0.40 0.00	10.14 -0.27 0.00	11.76 -0.28 0.00	12.99 -0.23 0.00	13.32 -0.25 0.00	11.41 -0.26 0.00	14.30 -0.30 0.00	16.44 -0.39 0.00	18.62 -0.58 0.00	24.07 -0.87 0.00	28.46 -1.09 0.00	27.10 -1.18 0.00	25.36 -1.40 0.00	20.95 -1.06 0.00	16.60 -0.71 0.00	14.83 -0.67 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	10.44 -1.00 6.06	16.51 0.16 0.00	12.35 0.11 0.00	8.44 0.02 0.00	12.81 0.02 0.00	16.10 0.04 0.00	15.76 0.12 0.00	12.44 0.20 0.00	12.18 0.23 0.00	10.63 0.22 0.00	12.33 0.28 0.00	13.58 0.36 0.00	13.98 0.41 0.00	12.00 0.33 0.00	15.01 0.41 0.00	17.32 0.48 0.00	19.86 0.66 0.00	25.97 1.03 0.00	30.88 1.33 0.00	29.65 1.37 0.00	28.00 1.24 0.00	22.97 0.96 0.00	17.98 0.67 0.00	16.00 0.50 0.00
LACHUTE__HYDRO 323717	19.19 1.69 0.00	18.00 1.66 0.00	13.50 1.26 0.00	9.29 0.86 0.00	14.11 1.33 0.00	17.72 1.66 0.00	17.25 1.62 0.00	13.43 1.19 0.00	13.03 1.08 0.00	11.32 0.91 0.00	12.94 0.90 0.00	14.16 0.94 0.00	14.43 0.86 0.00	12.41 0.75 0.00	15.59 0.99 0.00	18.05 1.21 0.00	20.88 1.68 0.00	27.34 2.40 0.00	32.73 3.18 0.00	31.60 3.32 0.00	30.05 3.29 0.00	24.63 2.62 0.00	19.19 1.88 0.00	17.10 1.60 0.00
LAWRNCV_115KV_TB1 80681	10.89 -1.53 5.08	15.84 -0.51 0.00	11.84 -0.40 0.00	8.13 -0.30 0.00	12.36 -0.43 0.00	15.64 -0.42 0.00	15.25 -0.38 0.00	11.92 -0.32 0.00	11.67 -0.28 0.00	10.18 -0.23 0.00	11.79 -0.25 0.00	12.95 -0.27 0.00	13.34 -0.23 0.00	11.42 -0.24 0.00	14.23 -0.37 0.00	16.43 -0.41 0.00	18.76 -0.44 0.00	24.43 -0.51 0.00	28.95 -0.60 0.00	27.88 -0.40 0.00	26.54 -0.22 0.00	21.87 -0.14 0.00	17.15 -0.15 0.00	15.24 -0.26 0.00
LEDERLE____ 23769	18.38 0.88 0.00	17.18 0.83 0.00	12.86 0.62 0.00	8.85 0.42 0.00	13.42 0.64 0.00	16.79 0.73 0.00	16.33 0.70 0.00	12.85 0.61 0.00	12.54 0.59 0.00	10.94 0.53 0.00	12.70 0.66 0.00	13.96 0.74 0.00	14.32 0.75 0.00	12.40 0.73 0.00	15.61 1.01 0.00	18.04 1.21 0.00	20.58 1.38 0.00	26.70 1.76 0.00	31.61 2.06 0.00	30.09 1.81 0.00	28.42 1.66 0.00	23.29 1.28 0.00	18.25 0.94 0.00	16.31 0.81 0.00
LIGHTHSE_115KV_TB6 355974	16.52 -0.48 0.50	15.97 -0.38 0.00	11.92 -0.32 0.00	8.21 -0.22 0.00	12.52 -0.27 0.00	15.88 -0.18 0.00	15.49 -0.15 0.00	12.07 -0.16 0.00	11.76 -0.19 0.00	10.22 -0.19 0.00	11.81 -0.23 0.00	12.98 -0.24 0.00	13.31 -0.26 0.00	11.39 -0.27 0.00	14.23 -0.37 0.00	16.41 -0.43 0.00	18.68 -0.52 0.00	24.31 -0.63 0.00	29.08 -0.47 0.00	27.80 -0.48 0.00	26.35 -0.40 0.00	21.71 -0.30 0.00	17.14 -0.16 0.00	15.41 -0.09 0.00
LINDEN COGEN____ 23786	18.44 0.94 0.00	17.23 0.88 0.00	12.91 0.67 0.00	8.88 0.45 0.00	13.47 0.68 0.00	16.85 0.79 0.00	16.39 0.75 0.00	12.90 0.65 0.00	12.58 0.63 0.00	10.98 0.57 0.00	12.76 0.72 0.00	14.02 0.80 0.00	14.40 0.83 0.00	12.46 0.80 0.00	15.69 1.09 0.00	18.12 1.29 0.00	20.67 1.48 0.00	26.79 1.85 0.00	31.69 2.14 0.00	30.10 1.83 0.00	28.52 1.76 0.00	23.36 1.35 0.00	18.32 1.02 0.00	16.36 0.86 0.00
LINDHRST_69_KV_BK1 356055	19.03 1.53 0.00	17.69 1.34 0.00	13.23 0.99 0.00	9.13 0.70 0.00	13.82 1.04 0.00	22.95 1.27 -5.63	16.68 1.04 0.00	13.24 1.00 0.00	12.79 0.83 0.00	11.21 0.80 0.00	13.05 1.01 0.00	14.33 1.11 0.00	14.80 1.23 0.00	14.91 1.16 -2.09	26.06 1.58 -9.89	25.91 1.83 -7.25	31.74 2.03 -10.51	75.62 2.66 -48.03	67.95 3.05 -35.35	44.47 2.64 -13.55	36.64 2.56 -7.32	28.27 2.12 -4.14	18.90 1.59 0.00	16.85 1.35 0.00
LIPA_MISC_IPP 23656	19.00 1.50 0.00	17.64 1.29 0.00	13.23 0.99 0.00	9.16 0.73 0.00	13.88 1.09 0.00	80.53 1.45 -63.03	16.82 1.18 0.00	13.37 1.13 0.00	12.81 0.86 0.00	11.22 0.81 0.00	12.95 0.91 0.00	14.22 1.00 0.00	14.70 1.13 0.00	14.84 1.09 -2.09	25.99 1.50 -9.89	25.85 1.75 -7.25	31.58 1.87 -10.51	239.92 2.56 -212.41	251.45 2.93 -218.97	174.83 2.51 -144.04	36.45 2.37 -7.32	28.17 2.03 -4.14	18.81 1.51 0.00	16.77 1.27 0.00
LISF__SOLAR 323691	19.04 1.54 0.00	17.68 1.33 0.00	13.25 1.01 0.00	9.18 0.75 0.00	13.89 1.11 0.00	79.09 1.48 -61.55	16.85 1.21 0.00	13.40 1.15 0.00	12.83 0.87 0.00	11.23 0.82 0.00	12.96 0.92 0.00	14.22 1.00 0.00	14.71 1.14 0.00	14.85 1.10 -2.09	26.00 1.51 -9.89	25.86 1.77 -7.25	31.61 1.90 -10.51	235.76 2.62 -208.20	246.82 3.01 -214.27	171.57 2.59 -140.69	36.53 2.44 -7.33	28.23 2.08 -4.14	18.85 1.55 0.00	16.80 1.30 0.00

LITTLE FALLS___HYD 24013	17.72 0.21 0.00	16.58 0.23 0.00	12.34 0.10 0.00	8.48 0.05 0.00	12.84 0.06 0.00	16.13 0.07 0.00	15.74 0.10 0.00	12.27 0.03 0.00	11.91 -0.04 0.00	10.31 -0.10 0.00	11.87 -0.17 0.00	12.99 -0.23 0.00	13.31 -0.26 0.00	11.47 -0.19 0.00	14.38 -0.22 0.00	16.59 -0.24 0.00	19.07 -0.13 0.00	24.81 -0.13 0.00	29.64 0.09 0.00	28.49 0.21 0.00	27.04 0.28 0.00	22.26 0.25 0.00	17.49 0.18 0.00	15.66 0.16 0.00
LITTLRIV_115KV_TB1 356100	11.14 -1.39 4.97	15.99 -0.36 0.00	11.94 -0.29 0.00	8.20 -0.23 0.00	12.47 -0.31 0.00	15.78 -0.28 0.00	15.38 -0.25 0.00	11.99 -0.26 0.00	11.72 -0.23 0.00	10.22 -0.19 0.00	11.82 -0.22 0.00	12.98 -0.24 0.00	13.38 -0.19 0.00	11.45 -0.21 0.00	14.27 -0.33 0.00	16.47 -0.37 0.00	18.85 -0.35 0.00	24.55 -0.39 0.00	29.17 -0.38 0.00	28.17 -0.11 0.00	26.87 0.11 0.00	22.14 0.13 0.00	17.37 0.06 0.00	15.40 -0.10 0.00
LI_NEWBRDGE___DRP 323616	18.69 1.18 0.00	17.40 1.05 0.00	13.03 0.79 0.00	8.98 0.55 0.00	13.60 0.82 0.00	17.04 0.98 0.00	16.45 0.81 0.00	13.01 0.77 0.00	12.60 0.64 0.00	11.04 0.63 0.00	12.85 0.81 0.00	14.11 0.89 0.00	14.55 0.98 0.00	14.68 0.93 -2.09	25.75 1.26 -9.89	25.54 1.45 -7.25	31.31 1.59 -10.51	58.92 2.06 -31.92	49.29 2.38 -17.36	31.07 2.03 -0.76	36.05 1.97 -7.32	27.75 1.60 -4.14	18.51 1.20 0.00	16.53 1.02 0.00
LOCKPORT_115KV_TB60_63_64 80432	16.96 -0.54 0.00	15.97 -0.38 0.00	11.96 -0.28 0.00	8.22 -0.21 0.00	12.52 -0.27 0.00	15.76 -0.30 0.00	15.25 -0.39 0.00	11.82 -0.42 0.00	11.51 -0.44 0.00	10.12 -0.29 0.00	11.73 -0.31 0.00	12.97 -0.25 0.00	13.30 -0.27 0.00	11.39 -0.27 0.00	14.29 -0.31 0.00	16.42 -0.42 0.00	18.56 -0.64 0.00	24.10 -0.84 0.00	28.41 -1.14 0.00	27.08 -1.21 0.00	25.28 -1.48 0.00	20.90 -1.12 0.00	16.58 -0.73 0.00	14.80 -0.70 0.00
LOCKPORT___CC1 323769	16.74 -0.54 0.22	15.73 -0.38 0.23	11.72 -0.28 0.23	8.08 -0.21 0.14	12.39 -0.27 0.13	15.59 -0.30 0.17	15.12 -0.38 0.13	11.82 -0.41 0.01	11.52 -0.43 0.00	10.13 -0.28 0.00	11.74 -0.30 0.00	12.98 -0.24 0.00	13.31 -0.26 0.00	11.40 -0.26 0.00	14.30 -0.29 0.00	16.42 -0.42 0.00	18.57 -0.63 0.00	24.09 -0.85 0.00	28.41 -1.14 0.00	27.07 -1.21 0.00	25.23 -1.49 0.04	20.08 -1.12 0.81	15.88 -0.72 0.71	14.55 -0.70 0.24
LOCKPORT___CC2 323770	16.74 -0.54 0.22	15.73 -0.38 0.23	11.72 -0.28 0.23	8.08 -0.21 0.14	12.39 -0.27 0.13	15.59 -0.30 0.17	15.12 -0.38 0.13	11.82 -0.41 0.01	11.52 -0.43 0.00	10.13 -0.28 0.00	11.74 -0.30 0.00	12.98 -0.24 0.00	13.31 -0.26 0.00	11.40 -0.26 0.00	14.30 -0.29 0.00	16.42 -0.42 0.00	18.57 -0.63 0.00	24.09 -0.85 0.00	28.41 -1.14 0.00	27.07 -1.21 0.00	25.23 -1.49 0.04	20.08 -1.12 0.81	15.88 -0.72 0.71	14.55 -0.70 0.24
LOCKPORT___CC3 323771	16.74 -0.54 0.22	15.73 -0.38 0.23	11.72 -0.28 0.23	8.08 -0.21 0.14	12.39 -0.27 0.13	15.59 -0.30 0.17	15.12 -0.38 0.13	11.82 -0.41 0.01	11.52 -0.43 0.00	10.13 -0.28 0.00	11.74 -0.30 0.00	12.98 -0.24 0.00	13.31 -0.26 0.00	11.40 -0.26 0.00	14.30 -0.29 0.00	16.42 -0.42 0.00	18.57 -0.63 0.00	24.09 -0.85 0.00	28.41 -1.14 0.00	27.07 -1.21 0.00	25.23 -1.49 0.04	20.08 -1.12 0.81	15.88 -0.72 0.71	14.55 -0.70 0.24
LONG_LAKE_PHOENIX 24014	17.10 -0.25 0.15	16.13 -0.21 0.00	12.07 -0.17 0.00	8.31 -0.12 0.00	12.62 -0.16 0.00	15.87 -0.19 0.00	15.44 -0.19 0.00	12.07 -0.17 0.00	11.76 -0.19 0.00	10.24 -0.17 0.00	11.83 -0.22 0.00	12.99 -0.23 0.00	13.32 -0.25 0.00	11.43 -0.23 0.00	14.27 -0.33 0.00	16.46 -0.38 0.00	18.76 -0.44 0.00	24.37 -0.57 0.00	28.94 -0.61 0.00	27.67 -0.61 0.00	26.16 -0.60 0.00	21.53 -0.48 0.00	16.96 -0.34 0.00	15.26 -0.24 0.00
LOVETT___3 23632	18.28 0.78 0.00	17.08 0.74 0.00	12.79 0.56 0.00	8.80 0.38 0.00	13.35 0.57 0.00	16.71 0.65 0.00	16.25 0.61 0.00	12.78 0.54 0.00	12.48 0.52 0.00	10.88 0.47 0.00	12.63 0.59 0.00	13.87 0.65 0.00	14.23 0.66 0.00	12.31 0.65 0.00	15.50 0.90 0.00	17.91 1.07 0.00	20.43 1.22 0.00	26.49 1.56 0.00	31.37 1.82 0.00	29.86 1.58 0.00	28.22 1.46 0.00	23.14 1.13 0.00	18.14 0.83 0.00	16.21 0.71 0.00
LOVETT___4 23642	18.28 0.78 0.00	17.08 0.74 0.00	12.79 0.56 0.00	8.80 0.38 0.00	13.35 0.57 0.00	16.71 0.65 0.00	16.25 0.61 0.00	12.78 0.54 0.00	12.48 0.52 0.00	10.88 0.47 0.00	12.63 0.59 0.00	13.87 0.65 0.00	14.23 0.66 0.00	12.31 0.65 0.00	15.50 0.90 0.00	17.91 1.07 0.00	20.43 1.22 0.00	26.49 1.56 0.00	31.37 1.82 0.00	29.86 1.58 0.00	28.22 1.46 0.00	23.14 1.13 0.00	18.14 0.83 0.00	16.21 0.71 0.00
LOVETT___5 23593	18.28 0.78 0.00	17.08 0.74 0.00	12.79 0.56 0.00	8.80 0.38 0.00	13.35 0.57 0.00	16.71 0.65 0.00	16.25 0.61 0.00	12.78 0.54 0.00	12.48 0.52 0.00	10.88 0.47 0.00	12.63 0.59 0.00	13.87 0.65 0.00	14.23 0.66 0.00	12.31 0.65 0.00	15.50 0.90 0.00	17.91 1.07 0.00	20.43 1.22 0.00	26.49 1.56 0.00	31.37 1.82 0.00	29.86 1.58 0.00	28.22 1.46 0.00	23.14 1.13 0.00	18.14 0.83 0.00	16.21 0.71 0.00
LOWER RAQUET___HYD 24057	11.05 -1.58 4.87	15.77 -0.57 0.00	11.79 -0.45 0.00	8.09 -0.33 0.00	12.31 -0.48 0.00	15.59 -0.47 0.00	15.21 -0.43 0.00	11.88 -0.36 0.00	11.63 -0.32 0.00	10.14 -0.26 0.00	11.75 -0.29 0.00	12.90 -0.32 0.00	13.30 -0.27 0.00	11.38 -0.29 0.00	14.18 -0.42 0.00	16.36 -0.48 0.00	18.70 -0.50 0.00	24.36 -0.58 0.00	28.90 -0.65 0.00	27.84 -0.44 0.00	26.50 -0.25 0.00	21.84 -0.17 0.00	17.13 -0.18 0.00	15.21 -0.29 0.00
LOWER___HUDSON 24059	18.18 0.68 0.00	17.06 0.71 0.00	12.80 0.56 0.00	8.81 0.38 0.00	13.35 0.57 0.00	16.72 0.66 0.00	16.28 0.64 0.00	12.73 0.48 0.00	12.41 0.46 0.00	10.75 0.34 0.00	12.37 0.33 0.00	13.54 0.32 0.00	13.87 0.30 0.00	11.95 0.29 0.00	14.98 0.38 0.00	17.25 0.42 0.00	19.74 0.53 0.00	25.67 0.73 0.00	30.49 0.94 0.00	29.23 0.95 0.00	27.66 0.90 0.00	22.76 0.75 0.00	17.86 0.55 0.00	16.02 0.52 0.00
LOWVILLE_115KV_TB2 356335	15.35 -0.81 1.34	15.83 -0.51 0.00	11.76 -0.48 0.00	8.11 -0.32 0.00	12.42 -0.36 0.00	16.06 0.00 0.00	15.75 0.11 0.00	12.26 0.02 0.00	11.95 0.00 0.00	10.38 -0.03 0.00	11.98 -0.06 0.00	13.17 -0.05 0.00	13.51 -0.06 0.00	11.55 -0.11 0.00	14.41 -0.18 0.00	16.65 -0.19 0.00	19.01 -0.19 0.00	24.84 -0.10 0.00	29.92 0.37 0.00	28.70 0.42 0.00	27.28 0.52 0.00	22.43 0.42 0.00	17.62 0.32 0.00	15.82 0.31 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	18.37 0.87 0.00	17.23 0.89 0.00	12.92 0.69 0.00	8.90 0.48 0.00	13.50 0.71 0.00	16.92 0.86 0.00	16.46 0.83 0.00	12.86 0.62 0.00	12.52 0.57 0.00	10.86 0.45 0.00	12.48 0.44 0.00	13.68 0.45 0.00	13.99 0.42 0.00	12.06 0.39 0.00	15.15 0.55 0.00	17.47 0.63 0.00	20.06 0.86 0.00	26.16 1.22 0.00	31.17 1.61 0.00	29.87 1.59 0.00	28.27 1.51 0.00	23.22 1.21 0.00	18.20 0.89 0.00	16.29 0.79 0.00

LUTHERNY_35_KV_BK2 355980	18.38 0.88 0.00	17.25 0.90 0.00	12.93 0.69 0.00	8.91 0.48 0.00	13.50 0.72 0.00	16.93 0.86 0.00	16.47 0.84 0.00	12.87 0.63 0.00	12.53 0.57 0.00	10.86 0.45 0.00	12.49 0.45 0.00	13.68 0.46 0.00	14.00 0.43 0.00	12.06 0.39 0.00	15.17 0.57 0.00	17.48 0.64 0.00	20.08 0.87 0.00	26.19 1.25 0.00	31.20 1.65 0.00	29.90 1.62 0.00	28.28 1.52 0.00	23.24 1.23 0.00	18.21 0.91 0.00	16.30 0.80 0.00
LWR___OSWEGATCHIE_HYD 23850	12.99 -1.22 3.29	15.78 -0.57 0.00	11.76 -0.48 0.00	8.09 -0.34 0.00	12.35 -0.43 0.00	15.80 -0.26 0.00	15.43 -0.20 0.00	12.03 -0.21 0.00	11.75 -0.21 0.00	10.22 -0.19 0.00	11.81 -0.23 0.00	12.98 -0.24 0.00	13.35 -0.22 0.00	11.41 -0.25 0.00	14.23 -0.37 0.00	16.43 -0.41 0.00	18.77 -0.43 0.00	24.50 -0.44 0.00	29.31 -0.24 0.00	28.16 -0.12 0.00	26.81 0.05 0.00	22.10 0.09 0.00	17.35 0.05 0.00	15.49 -0.01 0.00
LYONS_FALL_HYD 23570	16.25 -0.39 0.86	16.14 -0.21 0.00	12.02 -0.22 0.00	8.28 -0.15 0.00	12.65 -0.13 0.00	16.17 0.11 0.00	15.82 0.18 0.00	12.34 0.09 0.00	12.02 0.07 0.00	10.45 0.04 0.00	12.07 0.02 0.00	13.25 0.03 0.00	13.59 0.02 0.00	11.65 -0.02 0.00	14.55 -0.05 0.00	16.81 -0.03 0.00	19.20 0.00 0.00	25.06 0.12 0.00	30.04 0.49 0.00	28.80 0.51 0.00	27.32 0.56 0.00	22.46 0.44 0.00	17.64 0.33 0.00	15.81 0.31 0.00
MADISON___COUNTY_LFGE 323628	17.54 0.26 0.22	16.63 0.28 0.00	12.42 0.19 0.00	8.55 0.12 0.00	13.00 0.22 0.00	16.38 0.32 0.00	15.97 0.34 0.00	12.45 0.21 0.00	12.12 0.17 0.00	10.55 0.13 0.00	12.18 0.14 0.00	13.38 0.16 0.00	13.71 0.14 0.00	11.77 0.11 0.00	14.74 0.14 0.00	17.03 0.20 0.00	19.47 0.27 0.00	25.36 0.42 0.00	30.25 0.70 0.00	29.00 0.72 0.00	27.44 0.68 0.00	22.56 0.55 0.00	17.72 0.41 0.00	15.86 0.36 0.00
MALONE___115KV_TB1 356076	10.57 -1.22 5.70	16.23 -0.12 0.00	12.14 -0.10 0.00	8.31 -0.11 0.00	12.62 -0.16 0.00	15.92 -0.14 0.00	15.56 -0.08 0.00	12.22 -0.02 0.00	11.96 0.01 0.00	10.45 0.04 0.00	12.11 0.07 0.00	13.31 0.09 0.00	13.72 0.15 0.00	11.76 0.10 0.00	14.69 0.09 0.00	16.96 0.12 0.00	19.39 0.19 0.00	25.30 0.36 0.00	30.00 0.45 0.00	28.88 0.60 0.00	27.42 0.66 0.00	22.54 0.52 0.00	17.65 0.34 0.00	15.67 0.17 0.00
MAPLEWOD_115KV_TB3 80458	18.15 0.65 0.00	17.03 0.68 0.00	12.78 0.53 0.00	8.79 0.37 0.00	13.33 0.54 0.00	16.68 0.62 0.00	16.23 0.59 0.00	12.69 0.45 0.00	12.39 0.43 0.00	10.74 0.33 0.00	12.36 0.32 0.00	13.53 0.31 0.00	13.86 0.29 0.00	11.94 0.28 0.00	14.95 0.35 0.00	17.23 0.39 0.00	19.70 0.50 0.00	25.61 0.67 0.00	30.41 0.86 0.00	29.09 0.81 0.00	27.52 0.76 0.00	22.63 0.62 0.00	17.77 0.46 0.00	15.94 0.44 0.00
MAPLE_RIDGE_WT_1 323574	11.87 -0.86 4.76	15.95 -0.40 0.00	11.92 -0.32 0.00	8.22 -0.21 0.00	12.52 -0.27 0.00	15.87 -0.19 0.00	15.53 -0.10 0.00	12.17 -0.07 0.00	11.91 -0.05 0.00	10.37 -0.04 0.00	12.00 -0.04 0.00	13.18 -0.04 0.00	13.53 -0.04 0.00	11.63 -0.04 0.00	14.54 -0.06 0.00	16.77 -0.07 0.00	19.11 -0.09 0.00	24.84 -0.10 0.00	29.41 -0.14 0.00	28.20 -0.09 0.00	26.69 -0.07 0.00	21.91 -0.10 0.00	17.23 -0.07 0.00	15.44 -0.06 0.00
MAPLE_RIDGE_WT_2 323611	11.87 -0.86 4.76	15.95 -0.40 0.00	11.92 -0.32 0.00	8.22 -0.21 0.00	12.52 -0.27 0.00	15.87 -0.19 0.00	15.53 -0.10 0.00	12.17 -0.07 0.00	11.91 -0.05 0.00	10.37 -0.04 0.00	12.00 -0.04 0.00	13.18 -0.04 0.00	13.53 -0.04 0.00	11.63 -0.04 0.00	14.54 -0.06 0.00	16.77 -0.07 0.00	19.11 -0.09 0.00	24.84 -0.10 0.00	29.41 -0.14 0.00	28.20 -0.09 0.00	26.69 -0.07 0.00	21.91 -0.10 0.00	17.23 -0.07 0.00	15.44 -0.06 0.00
MARBLE_RIVER_WT_PWR 323696	10.21 -1.19 6.10	16.31 -0.04 0.00	12.21 -0.04 0.00	8.36 -0.07 0.00	12.68 -0.11 0.00	15.95 -0.11 0.00	15.59 -0.05 0.00	12.27 0.03 0.00	12.01 0.06 0.00	10.49 0.08 0.00	12.16 0.11 0.00	13.38 0.16 0.00	13.78 0.21 0.00	11.83 0.17 0.00	14.80 0.20 0.00	17.07 0.23 0.00	19.53 0.33 0.00	25.50 0.56 0.00	30.22 0.67 0.00	29.03 0.75 0.00	27.47 0.71 0.00	22.56 0.55 0.00	17.68 0.37 0.00	15.74 0.24 0.00
MARSHVLE_115KV_TB1 80742	18.30 0.80 0.00	17.09 0.75 0.00	12.74 0.50 0.00	8.76 0.33 0.00	13.29 0.51 0.00	16.81 0.75 0.00	16.31 0.68 0.00	12.62 0.37 0.00	12.26 0.31 0.00	10.72 0.31 0.00	12.44 0.40 0.00	13.68 0.45 0.00	14.06 0.49 0.00	12.11 0.45 0.00	15.21 0.61 0.00	17.59 0.75 0.00	20.05 0.84 0.00	26.14 1.21 0.00	31.08 1.54 0.00	29.99 1.71 0.00	28.44 1.69 0.00	23.42 1.41 0.00	18.39 1.09 0.00	16.46 0.96 0.00
MARSH_HILL_WT_PWR 323713	17.51 -0.09 -0.09	16.37 -0.07 -0.10	12.11 -0.23 -0.09	8.25 -0.24 -0.06	12.79 -0.05 -0.05	16.13 0.00 -0.07	15.73 0.05 -0.06	12.28 0.04 0.00	11.94 -0.02 0.00	10.44 0.03 0.00	12.10 0.06 0.00	13.33 0.11 0.00	13.64 0.07 0.00	11.71 0.05 0.00	14.69 0.09 0.00	16.99 0.15 0.00	19.33 0.12 0.00	25.03 0.09 0.00	29.72 0.17 0.00	28.41 0.12 0.00	26.72 -0.06 -0.02	22.15 -0.19 -0.33	17.27 -0.32 -0.29	15.07 -0.53 -0.10
MCINTYRE_115KV_TB2 80467	11.10 -1.26 5.14	16.14 -0.21 0.00	12.07 -0.18 0.00	8.28 -0.14 0.00	12.59 -0.20 0.00	15.91 -0.14 0.00	15.50 -0.13 0.00	12.05 -0.20 0.00	11.78 -0.17 0.00	10.26 -0.15 0.00	11.88 -0.17 0.00	13.04 -0.19 0.00	13.43 -0.14 0.00	11.49 -0.17 0.00	14.33 -0.27 0.00	16.54 -0.30 0.00	18.93 -0.27 0.00	24.64 -0.30 0.00	29.28 -0.28 0.00	28.33 0.05 0.00	27.07 0.31 0.00	22.32 0.31 0.00	17.50 0.19 0.00	15.51 0.01 0.00
MECO_____69_KV_BK1 80468	19.01 1.51 0.00	17.74 1.39 0.00	13.24 1.00 0.00	9.10 0.67 0.00	13.81 1.03 0.00	17.44 1.38 0.00	16.80 1.17 0.00	12.75 0.51 0.00	12.12 0.16 0.00	10.51 0.10 0.00	12.08 0.04 0.00	13.24 0.02 0.00	13.58 0.01 0.00	11.71 0.05 0.00	14.70 0.10 0.00	17.07 0.23 0.00	19.64 0.44 0.00	25.99 1.06 0.00	31.84 2.30 0.00	31.27 2.99 0.00	29.73 2.97 0.00	24.43 2.42 0.00	19.12 1.81 0.00	17.05 1.55 0.00
MENANDS___115KV_TB5 355628	18.10 0.60 0.00	16.99 0.64 0.00	12.74 0.50 0.00	8.78 0.35 0.00	13.29 0.51 0.00	16.64 0.58 0.00	16.18 0.55 0.00	12.67 0.42 0.00	12.36 0.40 0.00	10.71 0.30 0.00	12.33 0.29 0.00	13.49 0.27 0.00	13.82 0.25 0.00	11.90 0.23 0.00	14.89 0.29 0.00	17.15 0.31 0.00	19.60 0.40 0.00	25.46 0.52 0.00	30.20 0.65 0.00	28.89 0.61 0.00	27.33 0.57 0.00	22.48 0.47 0.00	17.66 0.35 0.00	15.85 0.35 0.00
MG INDUSTRY___DRP 24185	18.11 0.60 0.00	16.98 0.63 0.00	12.74 0.50 0.00	8.78 0.35 0.00	13.30 0.52 0.00	16.66 0.60 0.00	16.18 0.55 0.00	12.62 0.38 0.00	12.28 0.32 0.00	10.64 0.23 0.00	12.24 0.20 0.00	13.41 0.18 0.00	13.73 0.16 0.00	11.81 0.15 0.00	14.78 0.18 0.00	17.03 0.19 0.00	19.46 0.26 0.00	25.31 0.37 0.00	30.13 0.58 0.00	28.92 0.64 0.00	27.41 0.65 0.00	22.54 0.52 0.00	17.70 0.40 0.00	15.88 0.38 0.00

MID___OSWEGATCHIE_HYD 23849	12.99 -1.22 3.29	15.78 -0.57 0.00	11.76 -0.48 0.00	8.09 -0.34 0.00	12.35 -0.43 0.00	15.80 -0.26 0.00	15.43 -0.20 0.00	12.03 -0.21 0.00	11.75 -0.21 0.00	10.22 -0.19 0.00	11.81 -0.23 0.00	12.98 -0.24 0.00	13.35 -0.22 0.00	11.41 -0.25 0.00	14.23 -0.37 0.00	16.43 -0.41 0.00	18.77 -0.43 0.00	24.50 -0.44 0.00	29.31 -0.24 0.00	28.16 -0.12 0.00	26.81 0.05 0.00	22.10 0.09 0.00	17.35 0.05 0.00	15.49 -0.01 0.00
MID___RAQUETTE_HYD 23851	11.05 -1.58 4.87	15.78 -0.57 0.00	11.79 -0.45 0.00	8.09 -0.33 0.00	12.31 -0.48 0.00	15.59 -0.47 0.00	15.21 -0.43 0.00	11.88 -0.36 0.00	11.63 -0.32 0.00	10.14 -0.26 0.00	11.75 -0.29 0.00	12.90 -0.32 0.00	13.30 -0.27 0.00	11.38 -0.29 0.00	14.18 -0.42 0.00	16.36 -0.48 0.00	18.70 -0.50 0.00	24.36 -0.58 0.00	28.89 -0.66 0.00	27.84 -0.44 0.00	26.50 -0.26 0.00	21.84 -0.17 0.00	17.13 -0.18 0.00	15.21 -0.29 0.00
MILLIKEN___1 23584	17.74 0.23 0.00	16.57 0.22 0.00	12.37 0.13 0.00	8.52 0.09 0.00	12.96 0.17 0.00	16.29 0.23 0.00	15.88 0.25 0.00	12.39 0.15 0.00	12.06 0.10 0.00	10.47 0.06 0.00	12.09 0.05 0.00	13.29 0.07 0.00	13.62 0.05 0.00	11.68 0.02 0.00	14.62 0.02 0.00	16.91 0.07 0.00	19.34 0.14 0.00	25.21 0.27 0.00	30.05 0.50 0.00	28.77 0.49 0.00	27.19 0.43 0.00	22.35 0.33 0.00	17.57 0.26 0.00	15.71 0.21 0.00
MILLIKEN___2 23585	17.74 0.23 0.00	16.57 0.22 0.00	12.37 0.13 0.00	8.52 0.09 0.00	12.96 0.17 0.00	16.29 0.23 0.00	15.88 0.25 0.00	12.39 0.15 0.00	12.06 0.10 0.00	10.47 0.06 0.00	12.09 0.05 0.00	13.29 0.07 0.00	13.62 0.05 0.00	11.68 0.02 0.00	14.62 0.02 0.00	16.91 0.07 0.00	19.34 0.14 0.00	25.21 0.27 0.00	30.05 0.50 0.00	28.77 0.49 0.00	27.19 0.43 0.00	22.35 0.33 0.00	17.57 0.26 0.00	15.71 0.21 0.00
MILLIKEN___DIESEL 23629	17.74 0.23 0.00	16.57 0.22 0.00	12.37 0.13 0.00	8.52 0.09 0.00	12.96 0.17 0.00	16.29 0.23 0.00	15.88 0.25 0.00	12.39 0.15 0.00	12.06 0.10 0.00	10.47 0.06 0.00	12.09 0.05 0.00	13.29 0.07 0.00	13.62 0.05 0.00	11.68 0.02 0.00	14.62 0.02 0.00	16.91 0.07 0.00	19.34 0.14 0.00	25.21 0.27 0.00	30.05 0.50 0.00	28.77 0.49 0.00	27.19 0.43 0.00	22.35 0.33 0.00	17.57 0.26 0.00	15.71 0.21 0.00
MILLSEAT___LFGE 323607	17.04 -0.27 0.20	15.99 -0.14 0.21	11.92 -0.11 0.21	8.21 -0.09 0.12	12.58 -0.09 0.12	15.83 -0.08 0.15	15.35 -0.17 0.12	11.98 -0.26 0.01	11.67 -0.28 0.00	10.23 -0.18 0.00	11.84 -0.20 0.00	13.08 -0.14 0.00	13.42 -0.15 0.00	11.51 -0.16 0.00	14.43 -0.17 0.00	16.62 -0.22 0.00	18.84 -0.36 0.00	24.54 -0.40 0.00	29.00 -0.55 0.00	27.66 -0.63 0.00	25.84 -0.88 0.04	20.65 -0.63 0.73	16.28 -0.38 0.64	14.87 -0.42 0.22
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.35 0.85 0.00	17.16 0.81 0.00	12.86 0.61 0.00	8.85 0.42 0.00	13.42 0.63 0.00	16.79 0.73 0.00	16.32 0.68 0.00	12.84 0.59 0.00	12.53 0.57 0.00	10.92 0.51 0.00	12.68 0.64 0.00	13.92 0.70 0.00	14.30 0.73 0.00	12.37 0.70 0.00	15.56 0.97 0.00	17.97 1.14 0.00	20.49 1.29 0.00	26.59 1.65 0.00	31.47 1.92 0.00	29.95 1.67 0.00	28.33 1.57 0.00	23.24 1.23 0.00	18.22 0.91 0.00	16.28 0.78 0.00
MILLWOOD_13_KV_LOAD 356217	18.39 0.89 0.00	17.20 0.85 0.00	12.88 0.64 0.00	8.87 0.44 0.00	13.44 0.66 0.00	16.82 0.76 0.00	16.35 0.71 0.00	12.86 0.63 0.00	12.56 0.60 0.00	10.94 0.54 0.00	12.71 0.67 0.00	13.95 0.73 0.00	14.33 0.76 0.00	12.40 0.73 0.00	15.60 1.00 0.00	18.02 1.18 0.00	20.56 1.36 0.00	26.67 1.74 0.00	31.58 2.03 0.00	30.04 1.76 0.00	28.42 1.66 0.00	23.30 1.29 0.00	18.26 0.96 0.00	16.32 0.82 0.00
MODEL_CITY_ENERGY 24167	16.55 -0.72 0.23	15.55 -0.55 0.25	11.59 -0.40 0.25	7.99 -0.29 0.15	12.24 -0.40 0.14	15.42 -0.46 0.18	14.94 -0.55 0.14	11.69 -0.54 0.01	11.40 -0.55 0.00	10.02 -0.39 0.00	11.62 -0.43 0.00	12.84 -0.38 0.00	13.17 -0.40 0.00	11.28 -0.38 0.00	14.16 -0.44 0.00	16.23 -0.60 0.00	18.35 -0.85 0.00	23.79 -1.15 0.00	28.07 -1.48 0.00	26.75 -1.53 0.00	24.91 -1.80 0.05	19.78 -1.37 0.87	15.63 -0.92 0.76	14.38 -0.87 0.26
MODERN_LFGE___ 323580	16.55 -0.72 0.23	15.55 -0.55 0.25	11.59 -0.40 0.25	7.99 -0.29 0.15	12.24 -0.40 0.14	15.42 -0.46 0.18	14.94 -0.55 0.14	11.69 -0.54 0.01	11.40 -0.55 0.00	10.02 -0.39 0.00	11.62 -0.43 0.00	12.84 -0.38 0.00	13.17 -0.40 0.00	11.28 -0.38 0.00	14.16 -0.44 0.00	16.23 -0.60 0.00	18.35 -0.85 0.00	23.79 -1.15 0.00	28.07 -1.48 0.00	26.75 -1.53 0.00	24.91 -1.80 0.05	19.78 -1.37 0.87	15.63 -0.92 0.76	14.38 -0.87 0.26
MOHAWK_PAPER___DRP 24187	18.15 0.65 0.00	17.03 0.68 0.00	12.78 0.53 0.00	8.79 0.37 0.00	13.33 0.54 0.00	16.68 0.62 0.00	16.23 0.59 0.00	12.69 0.45 0.00	12.39 0.43 0.00	10.74 0.33 0.00	12.36 0.32 0.00	13.53 0.31 0.00	13.86 0.29 0.00	11.94 0.28 0.00	14.95 0.35 0.00	17.23 0.39 0.00	19.70 0.50 0.00	25.61 0.67 0.00	30.41 0.86 0.00	29.09 0.81 0.00	27.52 0.76 0.00	22.63 0.62 0.00	17.77 0.46 0.00	15.94 0.44 0.00
MOHICAN___35_KV_115KV_LD 80490	18.58 1.08 0.00	17.45 1.10 0.00	13.08 0.84 0.00	9.01 0.58 0.00	13.66 0.88 0.00	17.15 1.09 0.00	16.69 1.06 0.00	13.03 0.79 0.00	12.67 0.72 0.00	10.99 0.58 0.00	12.58 0.54 0.00	13.77 0.55 0.00	14.04 0.47 0.00	12.10 0.44 0.00	15.23 0.63 0.00	17.58 0.74 0.00	20.30 1.10 0.00	26.54 1.60 0.00	31.71 2.16 0.00	30.49 2.21 0.00	28.87 2.11 0.00	23.69 1.68 0.00	18.51 1.21 0.00	16.55 1.05 0.00
MONGAUP___HYD 23641	18.26 0.76 0.00	17.06 0.71 0.00	12.78 0.53 0.00	8.80 0.37 0.00	13.33 0.54 0.00	16.69 0.63 0.00	16.24 0.60 0.00	12.74 0.49 0.00	12.41 0.46 0.00	10.75 0.35 0.00	12.42 0.38 0.00	13.55 0.33 0.00	13.90 0.33 0.00	12.01 0.34 0.00	15.10 0.50 0.00	17.46 0.62 0.00	19.96 0.75 0.00	25.95 1.01 0.00	30.61 1.06 0.00	29.23 0.95 0.00	27.69 0.94 0.00	23.07 1.06 0.00	18.17 0.86 0.00	16.20 0.70 0.00
MONTAUK___DIESEL 23721	18.90 1.40 0.00	17.47 1.13 0.00	13.30 1.06 0.00	9.42 0.99 0.00	14.22 1.43 0.00	79.94 1.46 -62.43	16.70 1.06 0.00	13.50 1.25 0.00	12.87 0.92 0.00	11.31 0.90 0.00	13.32 1.28 0.00	14.66 1.44 0.00	15.17 1.61 0.00	15.27 1.51 -2.09	26.55 2.06 -9.89	26.48 2.39 -7.25	32.07 2.35 -10.51	239.18 3.54 -210.71	250.57 3.95 -217.07	174.29 3.33 -142.68	36.52 2.44 -7.32	28.45 2.31 -4.14	18.91 1.60 0.00	16.79 1.29 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	17.44 -0.07 0.00	16.40 0.06 0.00	12.40 0.15 0.00	8.52 0.09 0.00	13.08 0.29 0.00	16.44 0.38 0.00	15.96 0.33 0.00	12.41 0.17 0.00	12.02 0.06 0.00	10.57 0.16 0.00	12.30 0.26 0.00	13.61 0.39 0.00	13.91 0.34 0.00	11.94 0.28 0.00	15.02 0.42 0.00	17.35 0.51 0.00	19.64 0.43 0.00	25.35 0.41 0.00	29.98 0.43 0.00	28.58 0.30 0.00	26.70 -0.06 0.00	21.77 -0.24 0.00	17.12 -0.18 0.00	15.06 -0.44 0.00

MORTIMER_115KV_TB3 55949	17.24 -0.26 0.00	16.18 -0.16 0.00	12.11 -0.13 0.00	8.33 -0.10 0.00	12.67 -0.11 0.00	15.94 -0.12 0.00	15.46 -0.18 0.00	12.02 -0.22 0.00	11.72 -0.23 0.00	10.27 -0.14 0.00	11.89 -0.15 0.00	13.13 -0.09 0.00	13.47 -0.10 0.00	11.55 -0.11 0.00	14.47 -0.13 0.00	16.68 -0.16 0.00	18.95 -0.25 0.00	24.51 -0.43 0.00	29.10 -0.45 0.00	27.78 -0.51 0.00	26.06 -0.70 0.00	21.49 -0.52 0.00	16.97 -0.33 0.00	15.17 -0.32 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.49 0.99 0.00	17.28 0.94 0.00	12.95 0.71 0.00	8.91 0.49 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.67 0.00	11.01 0.60 0.00	12.80 0.75 0.00	14.05 0.83 0.00	14.44 0.87 0.00	12.49 0.83 0.00	15.73 1.13 0.00	18.16 1.32 0.00	20.71 1.51 0.00	26.86 1.92 0.00	31.76 2.21 0.00	30.18 1.90 0.00	28.59 1.83 0.00	23.44 1.43 0.00	18.37 1.07 0.00	16.41 0.91 0.00
MUNSVILLE_WIND_PWR 323609	18.62 1.06 -0.06	17.36 0.95 -0.07	12.80 0.49 -0.06	8.69 0.22 -0.04	13.19 0.37 -0.04	16.78 0.67 -0.05	16.52 0.85 -0.04	12.88 0.63 0.00	12.50 0.55 0.00	10.86 0.45 0.00	12.53 0.48 0.00	13.76 0.54 0.00	14.07 0.50 0.00	12.07 0.41 0.00	15.12 0.52 0.00	17.55 0.71 0.00	20.20 1.00 0.00	26.51 1.57 0.00	31.69 2.14 0.00	30.50 2.22 0.00	28.91 2.13 -0.01	23.94 1.71 -0.23	18.79 1.29 -0.20	16.62 1.06 -0.07
N SALMON___HYD 24042	10.57 -1.22 5.70	16.23 -0.12 0.00	12.14 -0.10 0.00	8.31 -0.12 0.00	12.62 -0.16 0.00	15.93 -0.13 0.00	15.56 -0.08 0.00	12.22 -0.02 0.00	11.96 0.01 0.00	10.45 0.04 0.00	12.11 0.07 0.00	13.31 0.09 0.00	13.72 0.15 0.00	11.76 0.10 0.00	14.69 0.10 0.00	16.96 0.12 0.00	19.39 0.19 0.00	25.30 0.36 0.00	30.00 0.45 0.00	28.88 0.60 0.00	27.42 0.66 0.00	22.53 0.52 0.00	17.65 0.34 0.00	15.67 0.17 0.00
N.AKRON___115KV_KNAPP 355671	17.19 -0.30 0.00	16.17 -0.18 0.00	12.10 -0.14 0.00	8.32 -0.11 0.00	12.67 -0.12 0.00	15.95 -0.11 0.00	15.43 -0.20 0.00	11.96 -0.28 0.00	11.65 -0.31 0.00	10.23 -0.18 0.00	11.83 -0.21 0.00	13.08 -0.15 0.00	13.41 -0.16 0.00	11.50 -0.17 0.00	14.42 -0.18 0.00	16.60 -0.24 0.00	18.79 -0.41 0.00	24.72 -0.22 0.00	28.91 -0.64 0.00	27.53 -0.75 0.00	25.75 -1.01 0.00	21.27 -0.74 0.00	16.85 -0.46 0.00	15.03 -0.47 0.00
N.BELMOR_69_KV_BK1 55787	18.81 1.31 0.00	17.52 1.17 0.00	13.11 0.87 0.00	9.03 0.61 0.00	13.68 0.89 0.00	17.13 1.07 0.00	16.55 0.91 0.00	13.09 0.84 0.00	12.68 0.73 0.00	11.11 0.70 0.00	12.94 0.90 0.00	14.22 0.99 0.00	14.66 1.09 0.00	14.79 1.04 -2.09	25.89 1.41 -9.89	25.72 1.63 -7.25	31.53 1.82 -10.51	59.18 2.32 -31.92	49.66 2.75 -17.36	31.41 2.36 -0.76	36.34 2.26 -7.32	27.98 1.83 -4.14	18.67 1.37 0.00	16.66 1.16 0.00
N.E_GEN_SANDY PD 24062	18.20 0.70 0.00	17.09 0.74 0.00	13.49 0.58 -0.66	12.27 0.41 -3.44	16.60 0.60 -3.22	16.74 0.68 0.00	16.29 0.66 0.00	12.77 0.53 0.00	12.46 0.50 0.00	11.12 0.40 -0.32	12.44 0.42 0.02	13.63 0.41 0.00	13.98 0.41 0.00	12.07 0.40 0.00	15.14 0.54 0.00	17.43 0.60 0.00	19.88 0.68 0.00	25.81 0.87 0.00	30.43 1.04 0.16	29.41 0.99 -0.14	27.64 0.95 0.07	23.20 0.77 -0.42	17.87 0.56 0.00	16.03 0.53 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.31 0.81 0.00	17.11 0.77 0.00	12.81 0.58 0.00	8.82 0.39 0.00	13.37 0.59 0.00	16.73 0.67 0.00	16.27 0.64 0.00	12.80 0.56 0.00	12.50 0.54 0.00	10.90 0.49 0.00	12.66 0.61 0.00	13.90 0.68 0.00	14.26 0.69 0.00	12.34 0.68 0.00	15.54 0.94 0.00	17.96 1.12 0.00	20.48 1.28 0.00	26.58 1.64 0.00	31.47 1.92 0.00	29.95 1.67 0.00	28.29 1.53 0.00	23.19 1.18 0.00	18.18 0.87 0.00	16.24 0.74 0.00
N.QUEENS_27_KV_LOAD 356247	18.60 1.10 0.00	17.39 1.04 0.00	13.02 0.78 0.00	8.95 0.52 0.00	13.57 0.79 0.00	16.97 0.91 0.00	16.47 0.83 0.00	12.98 0.73 0.00	12.65 0.70 0.00	11.04 0.63 0.00	12.83 0.79 0.00	14.10 0.88 0.00	14.50 0.93 0.00	12.54 0.88 0.00	15.81 1.21 0.00	18.26 1.42 0.00	20.83 1.63 0.00	27.00 2.06 0.00	31.94 2.39 0.00	30.32 2.03 0.00	28.78 2.02 0.00	23.58 1.57 0.00	18.49 1.18 0.00	16.49 0.99 0.00
N.TROY___115KV_TB1 355778	18.18 0.68 0.00	17.06 0.71 0.00	12.80 0.56 0.00	8.81 0.38 0.00	13.35 0.57 0.00	16.72 0.66 0.00	16.28 0.64 0.00	12.73 0.48 0.00	12.41 0.46 0.00	10.75 0.34 0.00	12.37 0.33 0.00	13.54 0.32 0.00	13.87 0.30 0.00	11.95 0.29 0.00	14.98 0.38 0.00	17.25 0.42 0.00	19.74 0.53 0.00	25.67 0.73 0.00	30.49 0.94 0.00	29.23 0.95 0.00	27.66 0.90 0.00	22.76 0.75 0.00	17.86 0.55 0.00	16.02 0.52 0.00
NARROWS_GT1_1 24228	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
NARROWS_GT1_2 24229	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
NARROWS_GT1_3 24230	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
NARROWS_GT1_4 24231	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
NARROWS_GT1_5 24232	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00

NARROWS_GT1_6 24233	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
NARROWS_GT1_7 24234	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
NARROWS_GT1_8 24235	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
NARROWS_GT2_1 24236	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
NARROWS_GT2_2 24237	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
NARROWS_GT2_3 24238	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
NARROWS_GT2_4 24239	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
NARROWS_GT2_5 24240	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
NARROWS_GT2_6 24241	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
NARROWS_GT2_7 24242	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
NARROWS_GT2_8 24243	18.56 1.06 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.55 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.05 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.18 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.43 0.93 0.00	17.29 0.94 0.00	12.97 0.72 0.00	8.93 0.51 0.00	13.52 0.74 0.00	16.95 0.89 0.00	16.48 0.84 0.00	12.84 0.60 0.00	12.47 0.51 0.00	10.76 0.35 0.00	12.33 0.29 0.00	13.47 0.25 0.00	13.80 0.23 0.00	11.86 0.19 0.00	14.83 0.23 0.00	17.11 0.27 0.00	19.63 0.43 0.00	25.61 0.67 0.00	30.58 1.03 0.00	29.47 1.19 0.00	27.94 1.18 0.00	22.96 0.95 0.00	18.00 0.69 0.00	16.13 0.63 0.00
NCHELSEA_115KV_TR2 355582	18.42 0.92 0.00	17.23 0.88 0.00	12.91 0.67 0.00	8.89 0.46 0.00	13.47 0.68 0.00	16.86 0.80 0.00	16.40 0.77 0.00	12.89 0.65 0.00	12.58 0.63 0.00	10.96 0.55 0.00	12.70 0.66 0.00	13.94 0.72 0.00	14.31 0.74 0.00	12.38 0.72 0.00	15.59 0.99 0.00	18.01 1.18 0.00	20.56 1.36 0.00	26.73 1.79 0.00	31.67 2.12 0.00	30.16 1.87 0.00	28.50 1.74 0.00	23.37 1.35 0.00	18.30 1.00 0.00	16.35 0.85 0.00
NEG CAPITAL____MECHNVIL 23645	18.35 0.85 0.00	17.22 0.87 0.00	12.91 0.67 0.00	8.89 0.46 0.00	13.48 0.69 0.00	16.89 0.83 0.00	16.44 0.80 0.00	12.85 0.61 0.00	12.51 0.55 0.00	10.85 0.44 0.00	12.47 0.43 0.00	13.66 0.44 0.00	13.99 0.42 0.00	12.06 0.39 0.00	15.14 0.54 0.00	17.47 0.62 0.00	20.05 0.84 0.00	26.14 1.20 0.00	31.14 1.59 0.00	29.83 1.55 0.00	28.22 1.46 0.00	23.19 1.18 0.00	18.16 0.85 0.00	16.26 0.76 0.00
NEG CENTRAL_HIGH_ACRES 23767	16.88 -0.55 0.08	15.82 -0.45 0.09	11.81 -0.35 0.08	8.13 -0.25 0.05	12.39 -0.35 0.05	15.58 -0.42 0.06	15.14 -0.45 0.05	11.83 -0.41 0.00	11.53 -0.42 0.00	10.08 -0.33 0.00	11.67 -0.37 0.00	12.87 -0.35 0.00	13.21 -0.36 0.00	11.33 -0.34 0.00	14.19 -0.41 0.00	16.37 -0.47 0.00	18.64 -0.56 0.00	24.14 -0.80 0.00	28.68 -0.87 0.00	27.39 -0.89 0.00	25.70 -1.04 0.02	20.90 -0.81 0.30	16.45 -0.59 0.26	14.86 -0.55 0.09



NEG CENTRAL___DRP 24199	17.45 -0.05 0.00	16.32 -0.02 0.00	12.19 -0.05 0.00	8.39 -0.03 0.00	12.79 0.01 0.00	16.08 0.02 0.00	15.65 0.02 0.00	12.22 -0.03 0.00	11.88 -0.07 0.00	10.34 -0.06 0.00	11.97 -0.08 0.00	13.17 -0.06 0.00	13.50 -0.07 0.00	11.58 -0.08 0.00	14.49 -0.11 0.00	16.75 -0.09 0.00	19.11 -0.09 0.00	24.88 -0.06 0.00	29.49 -0.06 0.00	28.25 -0.04 0.00	26.59 -0.17 0.00	21.84 -0.18 0.00	17.18 -0.13 0.00	15.35 -0.15 0.00
NEG CENTRAL___INDECK 23768	17.70 0.20 0.00	16.58 0.24 0.00	12.35 0.11 0.00	8.48 0.06 0.00	12.99 0.21 0.00	16.35 0.29 0.00	15.88 0.24 0.00	12.29 0.04 0.00	11.91 -0.05 0.00	10.43 0.02 0.00	12.08 0.04 0.00	13.33 0.11 0.00	13.66 0.09 0.00	11.73 0.07 0.00	14.71 0.11 0.00	17.00 0.16 0.00	19.32 0.12 0.00	25.02 0.08 0.00	29.75 0.20 0.00	28.50 0.21 0.00	26.99 0.22 0.00	22.26 0.25 0.00	17.50 0.20 0.00	15.54 0.03 0.00
NEG CENTRAL___SENECA 23627	17.47 -0.04 0.00	16.36 0.01 0.00	12.19 -0.05 0.00	8.39 -0.04 0.00	12.81 0.03 0.00	16.10 0.04 0.00	15.68 0.04 0.00	12.24 0.00 0.00	11.88 -0.07 0.00	10.36 -0.05 0.00	11.98 -0.06 0.00	13.19 -0.03 0.00	13.52 -0.05 0.00	11.60 -0.06 0.00	14.53 -0.07 0.00	16.82 -0.02 0.00	19.17 -0.03 0.00	24.96 0.02 0.00	29.57 0.01 0.00	28.36 0.08 0.00	26.71 -0.05 0.00	21.93 -0.08 0.00	17.24 -0.07 0.00	15.36 -0.14 0.00
NEG CENTRAL___STATE_STREET 24147	17.58 0.08 0.00	16.40 0.05 0.00	12.28 0.05 0.00	8.47 0.04 0.00	12.88 0.09 0.00	16.19 0.13 0.00	15.77 0.14 0.00	12.28 0.04 0.00	11.98 0.03 0.00	10.39 -0.01 0.00	12.02 -0.02 0.00	13.24 0.02 0.00	13.58 0.01 0.00	11.62 -0.05 0.00	14.52 -0.08 0.00	16.78 -0.06 0.00	19.19 -0.01 0.00	24.97 0.03 0.00	29.70 0.15 0.00	28.44 0.15 0.00	26.81 0.05 0.00	22.04 0.03 0.00	17.35 0.05 0.00	15.55 0.05 0.00
NEG MILLWOOD___DRP 24198	18.49 0.99 0.00	17.29 0.94 0.00	12.95 0.71 0.00	8.92 0.49 0.00	13.51 0.73 0.00	16.91 0.85 0.00	16.45 0.81 0.00	12.93 0.69 0.00	12.63 0.67 0.00	11.01 0.60 0.00	12.77 0.73 0.00	14.02 0.80 0.00	14.40 0.83 0.00	12.46 0.79 0.00	15.69 1.08 0.00	18.12 1.29 0.00	20.68 1.48 0.00	26.88 1.94 0.00	31.82 2.28 0.00	30.28 2.00 0.00	28.62 1.86 0.00	23.48 1.47 0.00	18.39 1.08 0.00	16.41 0.91 0.00
NEG NORTH_FLCN_SEA 23793	10.46 -0.96 6.08	16.56 0.22 0.00	12.40 0.16 0.00	8.47 0.04 0.00	12.86 0.07 0.00	16.15 0.09 0.00	15.80 0.16 0.00	12.48 0.24 0.00	12.22 0.27 0.00	10.67 0.26 0.00	12.37 0.33 0.00	13.64 0.42 0.00	14.04 0.48 0.00	12.05 0.39 0.00	15.08 0.48 0.00	17.39 0.55 0.00	19.94 0.73 0.00	26.08 1.14 0.00	31.00 1.45 0.00	29.74 1.46 0.00	28.07 1.31 0.00	23.02 1.00 0.00	18.02 0.72 0.00	16.06 0.56 0.00
NEG NORTH_KES_CHATEGAY 23792	10.27 -1.24 5.99	16.25 -0.10 0.00	12.16 -0.08 0.00	8.32 -0.11 0.00	12.62 -0.16 0.00	15.90 -0.16 0.00	15.54 -0.10 0.00	12.22 -0.02 0.00	11.96 0.01 0.00	10.45 0.04 0.00	12.11 0.07 0.00	13.33 0.11 0.00	13.73 0.16 0.00	11.78 0.11 0.00	14.73 0.13 0.00	16.98 0.14 0.00	19.43 0.23 0.00	25.36 0.42 0.00	30.04 0.49 0.00	28.90 0.62 0.00	27.40 0.64 0.00	22.51 0.50 0.00	17.63 0.32 0.00	15.68 0.18 0.00
NEG NORTH___ALICE_FALLS 23915	10.44 -1.00 6.06	16.51 0.16 0.00	12.35 0.11 0.00	8.44 0.02 0.00	12.81 0.02 0.00	16.10 0.04 0.00	15.76 0.12 0.00	12.44 0.20 0.00	12.18 0.23 0.00	10.63 0.22 0.00	12.33 0.28 0.00	13.58 0.36 0.00	13.98 0.41 0.00	12.00 0.33 0.00	15.01 0.41 0.00	17.32 0.48 0.00	19.86 0.66 0.00	25.97 1.03 0.00	30.88 1.33 0.00	29.65 1.37 0.00	28.00 1.24 0.00	22.97 0.96 0.00	17.98 0.67 0.00	16.00 0.50 0.00
NEG NORTH___LWR_SARANAC 23913	10.44 -1.00 6.06	16.51 0.16 0.00	12.35 0.11 0.00	8.44 0.02 0.00	12.81 0.02 0.00	16.10 0.04 0.00	15.76 0.12 0.00	12.44 0.20 0.00	12.18 0.23 0.00	10.63 0.22 0.00	12.33 0.28 0.00	13.58 0.36 0.00	13.98 0.41 0.00	12.00 0.33 0.00	15.01 0.41 0.00	17.32 0.48 0.00	19.86 0.66 0.00	25.97 1.03 0.00	30.88 1.33 0.00	29.65 1.37 0.00	28.00 1.24 0.00	22.97 0.96 0.00	17.98 0.67 0.00	16.00 0.50 0.00
NEG NORTH___PLATTSBURG 23628	10.44 -1.00 6.06	16.51 0.16 0.00	12.35 0.11 0.00	8.44 0.02 0.00	12.81 0.02 0.00	16.10 0.04 0.00	15.76 0.12 0.00	12.44 0.20 0.00	12.18 0.23 0.00	10.63 0.22 0.00	12.33 0.28 0.00	13.58 0.36 0.00	13.99 0.41 0.00	12.00 0.33 0.00	15.01 0.41 0.00	17.31 0.48 0.00	19.86 0.66 0.00	25.97 1.03 0.00	30.88 1.33 0.00	29.65 1.37 0.00	28.00 1.25 0.00	22.97 0.96 0.00	17.98 0.67 0.00	16.01 0.50 0.00
NEG WEST_LEA_LOCKPORT 23791	16.96 -0.54 0.00	15.97 -0.38 0.00	11.96 -0.28 0.00	8.22 -0.21 0.00	12.52 -0.26 0.00	15.77 -0.30 0.00	15.25 -0.38 0.00	11.83 -0.41 0.00	11.52 -0.43 0.00	10.13 -0.28 0.00	11.74 -0.30 0.00	12.98 -0.24 0.00	13.31 -0.26 0.00	11.40 -0.26 0.00	14.30 -0.30 0.00	16.42 -0.42 0.00	18.57 -0.63 0.00	24.10 -0.84 0.00	28.41 -1.14 0.00	27.07 -1.22 0.00	25.28 -1.48 0.00	20.90 -1.12 0.00	16.58 -0.73 0.00	14.80 -0.70 0.00
NEG WEST___LANCASTR 23811	17.52 0.02 0.00	16.50 0.15 0.00	12.33 0.09 0.00	8.47 0.05 0.00	12.96 0.17 0.00	16.29 0.23 0.00	15.80 0.16 0.00	12.24 0.00 0.00	11.90 -0.06 0.00	10.45 0.04 0.00	12.12 0.08 0.00	13.40 0.18 0.00	13.72 0.15 0.00	11.75 0.09 0.00	14.75 0.14 0.00	17.00 0.16 0.00	19.23 0.03 0.00	24.86 -0.08 0.00	29.37 -0.18 0.00	27.98 -0.30 0.00	26.20 -0.56 0.00	21.60 -0.41 0.00	17.13 -0.18 0.00	15.26 -0.24 0.00
NEG_PENN_ALLEGHNY 23528	17.61 0.10 0.00	16.50 0.15 0.00	12.32 0.08 0.00	8.48 0.05 0.00	12.91 0.13 0.00	16.20 0.14 0.00	15.78 0.15 0.00	12.36 0.12 0.00	12.04 0.08 0.00	10.49 0.08 0.00	12.15 0.11 0.00	13.35 0.13 0.00	13.68 0.11 0.00	11.77 0.10 0.00	14.74 0.14 0.00	17.04 0.20 0.00	19.42 0.22 0.00	25.20 0.27 0.00	29.93 0.38 0.00	28.57 0.29 0.00	26.97 0.21 0.00	22.15 0.14 0.00	17.42 0.11 0.00	15.55 0.05 0.00
NEG___GEN_MONROE 24207	17.34 -0.16 0.00	16.28 -0.07 0.00	12.18 -0.06 0.00	8.37 -0.05 0.00	12.74 -0.04 0.00	16.03 -0.03 0.00	15.55 -0.09 0.00	12.08 -0.16 0.00	11.76 -0.19 0.00	10.30 -0.11 0.00	11.93 -0.11 0.00	13.17 -0.06 0.00	13.52 -0.06 0.00	11.59 -0.08 0.00	14.52 -0.08 0.00	16.74 -0.09 0.00	19.03 -0.17 0.00	24.64 -0.30 0.00	29.27 -0.28 0.00	27.92 -0.37 0.00	26.20 -0.56 0.00	21.61 -0.40 0.00	17.07 -0.24 0.00	15.25 -0.25 0.00
NEPA___ENERGY 23901	17.27 -0.23 0.00	16.27 -0.08 0.00	12.16 -0.08 0.00	8.37 -0.06 0.00	12.84 0.05 0.00	16.10 0.04 0.00	15.63 0.00 0.00	12.17 -0.07 0.00	11.83 -0.12 0.00	10.39 -0.02 0.00	12.09 0.05 0.00	13.36 0.14 0.00	13.63 0.06 0.00	11.72 0.06 0.00	14.72 0.12 0.00	17.04 0.21 0.00	19.28 0.07 0.00	24.85 -0.09 0.00	29.40 -0.15 0.00	28.01 -0.27 0.00	26.22 -0.54 0.00	21.50 -0.51 0.00	16.99 -0.32 0.00	15.02 -0.48 0.00

NEVERSINK___HYD 23608	17.91 0.41 0.00	16.68 0.33 0.00	12.49 0.24 0.00	8.60 0.17 0.00	13.03 0.24 0.00	16.31 0.25 0.00	15.87 0.23 0.00	12.48 0.24 0.00	12.23 0.27 0.00	10.64 0.23 0.00	12.33 0.29 0.00	13.53 0.31 0.00	13.88 0.31 0.00	12.00 0.33 0.00	15.10 0.50 0.00	17.46 0.62 0.00	19.94 0.74 0.00	25.97 1.03 0.00	30.84 1.29 0.00	29.43 1.15 0.00	27.81 1.05 0.00	22.81 0.80 0.00	17.87 0.56 0.00	15.95 0.45 0.00
NEWKRMKL_115KV_TB1 55635	18.08 0.58 0.00	16.97 0.62 0.00	12.73 0.49 0.00	8.77 0.34 0.00	13.28 0.49 0.00	16.62 0.56 0.00	16.17 0.53 0.00	12.65 0.41 0.00	12.34 0.39 0.00	10.70 0.29 0.00	12.31 0.27 0.00	13.47 0.25 0.00	13.79 0.23 0.00	11.86 0.20 0.00	14.85 0.25 0.00	17.11 0.27 0.00	19.56 0.36 0.00	25.39 0.45 0.00	30.12 0.57 0.00	28.81 0.53 0.00	27.25 0.48 0.00	22.41 0.40 0.00	17.61 0.31 0.00	15.81 0.31 0.00
NEWTON___FALLS_HYD 23847	12.99 -1.22 3.29	15.78 -0.57 0.00	11.76 -0.48 0.00	8.09 -0.34 0.00	12.35 -0.43 0.00	15.80 -0.26 0.00	15.43 -0.20 0.00	12.03 -0.21 0.00	11.75 -0.21 0.00	10.22 -0.19 0.00	11.81 -0.23 0.00	12.98 -0.24 0.00	13.35 -0.22 0.00	11.41 -0.25 0.00	14.23 -0.37 0.00	16.43 -0.41 0.00	18.77 -0.43 0.00	24.50 -0.44 0.00	29.31 -0.24 0.00	28.16 -0.12 0.00	26.81 0.05 0.00	22.10 0.09 0.00	17.35 0.05 0.00	15.49 -0.01 0.00
NGRID_A1_DSASP 323792	16.47 -0.78 0.25	15.49 -0.59 0.27	11.54 -0.43 0.26	7.96 -0.32 0.16	12.20 -0.44 0.15	15.36 -0.51 0.19	14.89 -0.59 0.15	11.65 -0.58 0.01	11.38 -0.58 0.00	10.01 -0.40 0.00	11.60 -0.44 0.00	12.83 -0.39 0.00	13.16 -0.41 0.00	11.26 -0.40 0.00	14.12 -0.48 0.00	16.19 -0.65 0.00	18.31 -0.90 0.00	23.67 -1.27 0.00	27.81 -1.74 0.00	26.46 -1.82 0.00	24.62 -2.09 0.05	19.50 -1.59 0.92	15.44 -1.06 0.80	14.23 -1.00 0.28
NGRID_A2_DSASP 323793	16.47 -0.78 0.25	15.49 -0.59 0.27	11.54 -0.43 0.26	7.96 -0.32 0.16	12.20 -0.44 0.15	15.36 -0.51 0.19	14.89 -0.59 0.15	11.65 -0.58 0.01	11.38 -0.58 0.00	10.01 -0.40 0.00	11.60 -0.44 0.00	12.83 -0.39 0.00	13.16 -0.41 0.00	11.26 -0.40 0.00	14.12 -0.48 0.00	16.19 -0.65 0.00	18.31 -0.90 0.00	23.67 -1.27 0.00	27.81 -1.74 0.00	26.46 -1.82 0.00	24.62 -2.09 0.05	19.50 -1.59 0.92	15.44 -1.06 0.80	14.23 -1.00 0.28
NGRID_A4_DSASP 323807	16.47 -0.78 0.25	15.49 -0.59 0.27	11.54 -0.43 0.26	7.96 -0.32 0.16	12.20 -0.44 0.15	15.36 -0.51 0.19	14.89 -0.59 0.15	11.65 -0.58 0.01	11.38 -0.58 0.00	10.01 -0.40 0.00	11.60 -0.44 0.00	12.83 -0.39 0.00	13.16 -0.41 0.00	11.26 -0.40 0.00	14.12 -0.48 0.00	16.19 -0.65 0.00	18.31 -0.90 0.00	23.67 -1.27 0.00	27.81 -1.74 0.00	26.46 -1.82 0.00	24.62 -2.09 0.05	19.50 -1.59 0.92	15.44 -1.06 0.80	14.23 -1.00 0.28
NIAGARA_115E_LBMP 323715	16.45 -0.81 0.24	15.45 -0.64 0.26	11.52 -0.47 0.26	7.94 -0.33 0.15	12.17 -0.47 0.15	15.32 -0.55 0.19	14.86 -0.63 0.15	11.63 -0.61 0.01	11.34 -0.61 0.00	9.97 -0.44 0.00	11.55 -0.49 0.00	12.78 -0.44 0.00	13.10 -0.46 0.00	11.23 -0.44 0.00	14.08 -0.52 0.00	16.14 -0.70 0.00	18.24 -0.96 0.00	23.62 -1.32 0.00	27.88 -1.67 0.00	26.57 -1.70 0.00	24.73 -1.98 0.05	19.60 -1.52 0.90	15.50 -1.02 0.78	14.28 -0.95 0.27
NIAGARA_115W_LBMP 323714	16.44 -0.82 0.25	15.46 -0.62 0.27	11.52 -0.46 0.26	7.94 -0.33 0.16	12.17 -0.46 0.15	15.32 -0.54 0.19	14.86 -0.63 0.15	11.63 -0.60 0.01	11.35 -0.60 0.00	9.99 -0.42 0.00	11.58 -0.46 0.00	12.81 -0.41 0.00	13.13 -0.44 0.00	11.24 -0.42 0.00	14.10 -0.50 0.00	16.16 -0.68 0.00	18.26 -0.94 0.00	23.61 -1.33 0.00	27.73 -1.82 0.00	26.40 -1.88 0.00	24.56 -2.15 0.05	19.45 -1.65 0.92	15.39 -1.11 0.80	14.19 -1.03 0.28
NIAGARA_230_LBMP 323716	16.56 -0.69 0.25	15.58 -0.50 0.27	11.60 -0.37 0.26	8.00 -0.27 0.16	12.28 -0.36 0.15	15.45 -0.42 0.19	14.98 -0.50 0.15	11.73 -0.50 0.01	11.45 -0.51 0.00	10.06 -0.35 0.00	11.67 -0.37 0.00	12.90 -0.32 0.00	13.23 -0.34 0.00	11.32 -0.35 0.00	14.19 -0.41 0.00	16.29 -0.55 0.00	18.42 -0.78 0.00	23.81 -1.13 0.00	28.10 -1.45 0.00	26.77 -1.51 0.00	24.94 -1.77 0.05	19.75 -1.34 0.92	15.62 -0.88 0.80	14.39 -0.83 0.28
NIAGARA___115KV_198_GIBSON 55903	16.69 -0.81 0.00	15.73 -0.62 0.00	11.78 -0.46 0.00	8.10 -0.33 0.00	12.32 -0.46 0.00	15.52 -0.54 0.00	15.01 -0.63 0.00	11.64 -0.60 0.00	11.35 -0.60 0.00	9.99 -0.42 0.00	11.58 -0.46 0.00	12.81 -0.41 0.00	13.13 -0.44 0.00	11.24 -0.42 0.00	14.10 -0.50 0.00	16.16 -0.68 0.00	18.26 -0.94 0.00	23.62 -1.32 0.00	27.74 -1.81 0.00	26.39 -1.89 0.00	24.62 -2.14 0.00	20.36 -1.65 0.00	16.19 -1.12 0.00	14.47 -1.03 0.00
NIAGARA____ 23760	16.56 -0.69 0.24	15.58 -0.50 0.26	11.60 -0.37 0.26	8.00 -0.27 0.16	12.28 -0.36 0.15	15.45 -0.42 0.19	14.98 -0.50 0.15	11.73 -0.50 0.01	11.45 -0.51 0.00	10.06 -0.35 0.00	11.67 -0.37 0.00	12.90 -0.32 0.00	13.23 -0.34 0.00	11.32 -0.35 0.00	14.19 -0.41 0.00	16.29 -0.55 0.00	18.42 -0.78 0.00	23.81 -1.13 0.00	28.10 -1.45 0.00	26.77 -1.51 0.00	24.94 -1.77 0.05	19.76 -1.34 0.91	15.63 -0.88 0.79	14.39 -0.83 0.27
NINE_MILE_1 23575	17.05 -0.45 0.00	15.95 -0.40 0.00	11.94 -0.30 0.00	8.22 -0.21 0.00	12.48 -0.30 0.00	15.69 -0.37 0.00	15.27 -0.37 0.00	11.94 -0.30 0.00	11.65 -0.31 0.00	10.15 -0.26 0.00	11.74 -0.31 0.00	12.90 -0.32 0.00	13.23 -0.34 0.00	11.34 -0.32 0.00	14.16 -0.44 0.00	16.33 -0.51 0.00	18.60 -0.61 0.00	24.12 -0.82 0.00	28.62 -0.93 0.00	27.37 -0.91 0.00	25.86 -0.90 0.00	21.28 -0.73 0.00	16.78 -0.53 0.00	15.10 -0.40 0.00
NINE_MILE_2 23744	17.05 -0.45 0.00	15.95 -0.40 0.00	11.94 -0.30 0.00	8.22 -0.21 0.00	12.48 -0.30 0.00	15.69 -0.37 0.00	15.27 -0.37 0.00	11.94 -0.30 0.00	11.65 -0.31 0.00	10.15 -0.26 0.00	11.74 -0.31 0.00	12.90 -0.32 0.00	13.23 -0.34 0.00	11.35 -0.32 0.00	14.17 -0.43 0.00	16.33 -0.51 0.00	18.60 -0.61 0.00	24.12 -0.81 0.00	28.62 -0.93 0.00	27.37 -0.91 0.00	25.86 -0.90 0.00	21.28 -0.73 0.00	16.78 -0.52 0.00	15.10 -0.40 0.00
NM_CAPITAL___DRP 24208	18.08 0.58 0.00	16.97 0.62 0.00	12.73 0.49 0.00	8.77 0.34 0.00	13.28 0.50 0.00	16.62 0.56 0.00	16.17 0.54 0.00	12.65 0.41 0.00	12.34 0.39 0.00	10.70 0.29 0.00	12.31 0.27 0.00	13.48 0.25 0.00	13.81 0.23 0.00	11.87 0.21 0.00	14.86 0.26 0.00	17.12 0.28 0.00	19.56 0.36 0.00	25.40 0.46 0.00	30.13 0.58 0.00	28.83 0.54 0.00	27.27 0.50 0.00	22.43 0.42 0.00	17.62 0.32 0.00	15.83 0.32 0.00
NM_CENTRAL___DRP 24181	17.25 -0.13 0.12	16.25 -0.10 0.00	12.15 -0.09 0.00	8.37 -0.06 0.00	12.71 -0.07 0.00	15.97 -0.09 0.00	15.55 -0.09 0.00	12.15 -0.09 0.00	11.85 -0.10 0.00	10.33 -0.08 0.00	11.94 -0.10 0.00	13.13 -0.09 0.00	13.46 -0.11 0.00	11.55 -0.11 0.00	14.44 -0.16 0.00	16.66 -0.18 0.00	18.99 -0.21 0.00	24.66 -0.27 0.00	29.29 -0.26 0.00	27.98 -0.30 0.00	26.42 -0.34 0.00	21.73 -0.28 0.00	17.11 -0.19 0.00	15.38 -0.12 0.00

NM_FRONTIER___DRP 24179	16.69 -0.81 0.00	15.73 -0.62 0.00	11.78 -0.46 0.00	8.10 -0.33 0.00	12.32 -0.46 0.00	15.52 -0.54 0.00	15.01 -0.63 0.00	11.64 -0.60 0.00	11.35 -0.60 0.00	9.99 -0.42 0.00	11.58 -0.46 0.00	12.81 -0.41 0.00	13.13 -0.44 0.00	11.24 -0.42 0.00	14.10 -0.50 0.00	16.16 -0.68 0.00	18.26 -0.94 0.00	23.62 -1.32 0.00	27.74 -1.81 0.00	26.39 -1.89 0.00	24.62 -2.14 0.00	20.36 -1.65 0.00	16.19 -1.12 0.00	14.47 -1.03 0.00
NM_ST_REGIS___HYD 24053	10.98 -1.48 5.04	15.90 -0.45 0.00	11.88 -0.36 0.00	8.15 -0.27 0.00	12.39 -0.39 0.00	15.68 -0.37 0.00	15.31 -0.33 0.00	11.98 -0.27 0.00	11.73 -0.23 0.00	10.23 -0.18 0.00	11.85 -0.19 0.00	13.02 -0.20 0.00	13.43 -0.15 0.00	11.49 -0.17 0.00	14.33 -0.27 0.00	16.54 -0.30 0.00	18.90 -0.30 0.00	24.65 -0.29 0.00	29.22 -0.33 0.00	28.15 -0.13 0.00	26.78 0.02 0.00	22.05 0.04 0.00	17.28 -0.02 0.00	15.35 -0.15 0.00
NORTHPORT___1 23551	18.95 1.45 0.00	17.62 1.27 0.00	13.19 0.95 0.00	9.11 0.68 0.00	13.78 1.00 0.00	15.60 1.23 1.69	16.61 0.98 0.00	13.20 0.96 0.00	12.71 0.76 0.00	11.14 0.73 0.00	12.99 0.95 0.00	14.23 1.01 0.00	14.71 1.14 0.00	14.81 1.06 -2.09	25.91 1.42 -9.89	25.67 1.58 -7.25	16.06 1.67 4.81	54.25 2.24 -27.08	44.02 2.52 -11.95	27.35 2.15 3.08	36.21 2.13 -7.33	27.95 1.80 -4.14	18.68 1.37 0.00	16.72 1.22 0.00
NORTHPORT___2 23552	18.95 1.45 0.00	17.62 1.27 0.00	13.19 0.95 0.00	9.11 0.68 0.00	13.78 1.00 0.00	15.60 1.23 1.69	16.61 0.98 0.00	13.20 0.96 0.00	12.71 0.76 0.00	11.14 0.73 0.00	12.99 0.95 0.00	14.23 1.01 0.00	14.71 1.14 0.00	14.81 1.06 -2.09	25.91 1.42 -9.89	25.67 1.58 -7.25	16.06 1.67 4.81	54.25 2.24 -27.08	44.02 2.52 -11.95	27.35 2.15 3.08	36.21 2.13 -7.33	27.95 1.80 -4.14	18.68 1.37 0.00	16.72 1.22 0.00
NORTHPORT___3 23553	18.62 1.11 0.00	17.32 0.97 0.00	12.97 0.73 0.00	8.95 0.52 0.00	13.55 0.77 0.00	16.95 0.89 0.00	16.30 0.66 0.00	12.92 0.68 0.00	12.47 0.52 0.00	10.94 0.53 0.00	12.76 0.72 0.00	13.99 0.77 0.00	14.45 0.88 0.00	14.61 0.85 -2.09	25.65 1.16 -9.89	25.37 1.28 -7.25	15.72 1.33 4.81	50.51 1.76 -23.81	39.87 2.02 -8.30	24.27 1.67 5.68	35.74 1.66 -7.32	27.58 1.43 -4.14	18.40 1.09 0.00	16.47 0.96 0.00
NORTHPORT___4 23650	18.62 1.11 0.00	17.32 0.97 0.00	12.97 0.73 0.00	8.95 0.52 0.00	13.55 0.77 0.00	16.95 0.89 0.00	16.30 0.66 0.00	12.92 0.68 0.00	12.47 0.52 0.00	10.94 0.53 0.00	12.76 0.72 0.00	13.99 0.77 0.00	14.45 0.88 0.00	14.61 0.85 -2.09	25.65 1.16 -9.89	25.37 1.28 -7.25	15.72 1.33 4.81	50.51 1.76 -23.81	39.87 2.02 -8.30	24.27 1.67 5.68	35.74 1.66 -7.32	27.58 1.43 -4.14	18.40 1.09 0.00	16.47 0.96 0.00
NORTHPORT___IC 23718	18.94 1.44 0.00	17.62 1.27 0.00	13.19 0.94 0.00	9.11 0.68 0.00	13.78 0.99 0.00	15.60 1.23 1.69	16.61 0.98 0.00	13.20 0.96 0.00	12.71 0.76 0.00	11.14 0.73 0.00	12.99 0.95 0.00	14.23 1.01 0.00	14.71 1.14 0.00	14.81 1.06 -2.09	25.91 1.42 -9.89	25.67 1.58 -7.25	16.06 1.67 4.81	54.25 2.24 -27.08	44.01 2.52 -11.95	27.35 2.15 3.08	36.21 2.13 -7.32	27.95 1.80 -4.14	18.68 1.38 0.00	16.72 1.22 0.00
NORTH___COUNTRY_ESR 323785	10.23 -1.29 5.98	16.21 -0.14 0.00	12.14 -0.11 0.00	8.31 -0.12 0.00	12.61 -0.17 0.00	15.88 -0.18 0.00	15.50 -0.13 0.00	12.19 -0.05 0.00	11.94 -0.01 0.00	10.43 0.02 0.00	12.09 0.04 0.00	13.30 0.07 0.00	13.70 0.13 0.00	11.77 0.10 0.00	14.72 0.12 0.00	16.98 0.14 0.00	19.42 0.22 0.00	25.33 0.39 0.00	29.98 0.43 0.00	28.81 0.53 0.00	27.31 0.55 0.00	22.44 0.43 0.00	17.59 0.28 0.00	15.65 0.15 0.00
NPX_GEN_1385_PROXY 323591	18.90 1.40 0.00	17.57 1.23 0.00	13.16 0.92 0.00	9.11 0.68 0.00	13.75 0.96 0.00	15.56 1.19 1.69	16.69 1.06 0.00	13.34 1.10 0.00	12.72 0.77 0.00	11.13 0.72 0.00	12.91 0.87 0.00	13.96 0.74 0.00	14.50 0.93 0.00	14.54 0.78 -2.09	25.51 1.02 -9.89	25.22 1.13 -7.25	15.69 1.29 4.81	54.08 2.07 -27.08	43.85 2.35 -11.95	27.25 2.05 3.08	36.19 2.11 -7.33	28.01 1.86 -4.14	18.62 1.31 0.00	16.68 1.18 0.00
NPX_GEN_CSC 323557	18.94 1.44 0.00	17.57 1.23 0.00	13.18 0.94 0.00	9.14 0.72 0.00	13.86 1.07 0.00	80.39 1.52 -62.81	16.88 1.24 0.00	13.43 1.19 0.00	12.81 0.86 0.00	11.22 0.81 0.00	12.85 0.81 0.00	14.11 0.89 0.00	14.60 1.03 0.00	14.77 1.01 -2.09	25.90 1.41 -9.89	25.75 1.65 -7.25	31.46 1.74 -10.51	239.18 2.45 -211.79	250.63 2.80 -218.28	174.20 2.37 -143.54	36.26 2.17 -7.33	28.04 1.89 -4.14	18.72 1.41 0.00	16.68 1.18 0.00
NSINS_S_GLNS_FALLS 23858	18.57 1.07 0.00	17.44 1.09 0.00	13.08 0.84 0.00	9.01 0.58 0.00	13.66 0.88 0.00	17.15 1.09 0.00	16.69 1.06 0.00	13.04 0.79 0.00	12.67 0.72 0.00	11.00 0.59 0.00	12.58 0.54 0.00	13.78 0.56 0.00	14.04 0.47 0.00	12.11 0.44 0.00	15.23 0.63 0.00	17.59 0.75 0.00	20.32 1.12 0.00	26.57 1.63 0.00	31.76 2.21 0.00	30.52 2.24 0.00	28.89 2.13 0.00	23.70 1.69 0.00	18.52 1.22 0.00	16.56 1.05 0.00
NUCOR_STEEL___DRP 24197	17.58 0.07 0.00	16.39 0.04 0.00	12.28 0.04 0.00	8.47 0.04 0.00	12.87 0.09 0.00	16.19 0.12 0.00	15.77 0.13 0.00	12.27 0.03 0.00	11.98 0.03 0.00	10.39 -0.02 0.00	12.01 -0.03 0.00	13.23 0.01 0.00	13.58 0.01 0.00	11.61 -0.05 0.00	14.51 -0.09 0.00	16.76 -0.08 0.00	19.18 -0.02 0.00	24.95 0.01 0.00	29.69 0.14 0.00	28.42 0.14 0.00	26.79 0.03 0.00	22.02 0.01 0.00	17.34 0.04 0.00	15.55 0.05 0.00
NUMBER_THREE_WT_PWR 323818	15.25 -0.86 1.39	15.79 -0.56 0.00	11.72 -0.51 0.00	8.08 -0.35 0.00	12.39 -0.39 0.00	16.03 -0.03 0.00	15.73 0.10 0.00	12.25 0.00 0.00	11.94 -0.01 0.00	10.37 -0.04 0.00	11.98 -0.07 0.00	13.16 -0.07 0.00	13.50 -0.07 0.00	11.54 -0.13 0.00	14.40 -0.20 0.00	16.63 -0.21 0.00	18.99 -0.21 0.00	24.82 -0.12 0.00	29.89 0.34 0.00	28.67 0.39 0.00	27.26 0.50 0.00	22.40 0.39 0.00	17.60 0.30 0.00	15.80 0.30 0.00
NYISO_LBMP_REFERENCE 24008	17.50 0.00 0.00	16.35 0.00 0.00	12.24 0.00 0.00	8.43 0.00 0.00	12.78 0.00 0.00	16.06 0.00 0.00	15.64 0.00 0.00	12.24 0.00 0.00	11.95 0.00 0.00	10.41 0.00 0.00	12.04 0.00 0.00	13.22 0.00 0.00	13.57 0.00 0.00	11.66 0.00 0.00	14.60 0.00 0.00	16.84 0.00 0.00	19.20 0.00 0.00	24.94 0.00 0.00	29.55 0.00 0.00	28.28 0.00 0.00	26.76 0.00 0.00	22.01 0.00 0.00	17.31 0.00 0.00	15.50 0.00 0.00
NYPA_BRENTWD____GT 24164	19.10 1.59 0.00	17.75 1.40 0.00	13.28 1.04 0.00	9.16 0.73 0.00	13.87 1.09 0.00	32.73 1.35 -15.31	16.60 0.96 0.00	13.30 1.06 0.00	12.81 0.86 0.00	11.23 0.82 0.00	13.07 1.03 0.00	14.34 1.12 0.00	14.82 1.25 0.00	14.93 1.18 -2.09	26.08 1.59 -9.89	25.93 1.84 -7.25	31.72 2.00 -10.51	103.34 2.62 -75.78	98.73 2.82 -66.36	66.22 2.36 -35.58	36.55 2.47 -7.33	28.29 2.14 -4.14	18.91 1.61 0.00	16.88 1.38 0.00

NYPA_GOWANUS____GT5 24156	18.56	17.35	13.00	8.94	13.55	16.94	16.47	12.97	12.66	11.05	12.84	14.09	14.48	12.53	15.78	18.23	20.81	26.99	60.65	30.33	28.75	23.57	18.46	16.48
	1.06	1.00	0.76	0.51	0.76	0.88	0.83	0.73	0.70	0.63	0.80	0.87	0.91	0.86	1.18	1.39	1.60	2.04	2.35	2.05	1.98	1.55	1.16	0.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-28.74	0.00	-0.01	-0.01	0.00	0.00
NYPA_GOWANUS____GT6 24157	18.56	17.35	13.00	8.94	13.55	16.94	16.47	12.97	12.66	11.05	12.84	14.09	14.48	12.53	15.78	18.23	20.81	26.99	60.65	30.33	28.75	23.57	18.46	16.48
	1.06	1.00	0.76	0.51	0.76	0.88	0.83	0.73	0.70	0.63	0.80	0.87	0.91	0.86	1.18	1.39	1.60	2.04	2.35	2.05	1.98	1.55	1.16	0.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-28.74	0.00	-0.01	-0.01	0.00	0.00
NYPA_HARLEM__RVR__GT1 24160	18.57	17.35	13.00	8.94	13.55	16.93	16.44	12.96	12.63	11.01	12.81	14.07	14.46	12.51	15.77	18.20	20.77	26.92	31.85	30.23	28.70	23.52	18.44	16.45
	1.07	1.00	0.76	0.51	0.76	0.87	0.80	0.71	0.67	0.61	0.76	0.84	0.89	0.84	1.17	1.37	1.56	1.99	2.30	1.95	1.94	1.51	1.13	0.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	18.57	17.35	13.00	8.94	13.55	16.93	16.44	12.96	12.63	11.01	12.81	14.07	14.46	12.51	15.77	18.20	20.77	26.92	31.85	30.23	28.70	23.52	18.44	16.45
	1.07	1.00	0.76	0.51	0.76	0.87	0.80	0.71	0.67	0.61	0.76	0.84	0.89	0.84	1.17	1.37	1.56	1.99	2.30	1.95	1.94	1.51	1.13	0.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_KENT____GT 24152	18.55	17.34	12.99	8.93	13.54	16.94	16.46	12.97	12.66	11.04	12.84	14.10	14.49	12.53	15.79	18.22	20.79	26.97	49.24	30.30	28.71	23.54	18.44	16.46
	1.05	0.99	0.75	0.51	0.76	0.87	0.83	0.73	0.70	0.63	0.80	0.88	0.92	0.86	1.19	1.38	1.58	2.03	2.33	2.01	1.95	1.53	1.14	0.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.35	0.00	0.00	0.00	0.00	0.00
NYPA_POUCH1____GT 24155	18.54	17.33	12.98	8.92	13.52	16.92	16.45	12.95	12.63	11.02	12.81	14.05	14.43	12.49	15.74	18.17	20.75	26.92	60.55	30.28	28.70	23.53	18.44	16.45
	1.03	0.98	0.74	0.49	0.73	0.86	0.81	0.71	0.68	0.61	0.77	0.83	0.86	0.82	1.14	1.34	1.54	1.98	2.26	1.99	1.93	1.51	1.13	0.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-28.74	0.00	-0.01	-0.01	0.00	0.00
NYPA_VERNON____GT2 24162	18.54	17.33	12.99	8.93	13.54	16.93	16.46	12.97	12.65	11.04	12.85	14.11	14.49	12.53	15.79	18.21	20.78	26.94	37.82	30.26	28.68	23.52	18.42	16.45
	1.04	0.98	0.75	0.51	0.75	0.87	0.83	0.72	0.70	0.63	0.80	0.88	0.92	0.87	1.19	1.37	1.57	2.01	2.31	1.98	1.92	1.50	1.12	0.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.96	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	18.54	17.33	12.99	8.93	13.54	16.93	16.46	12.97	12.65	11.04	12.85	14.11	14.49	12.53	15.79	18.21	20.78	26.94	37.82	30.26	28.68	23.52	18.42	16.45
	1.04	0.98	0.75	0.51	0.75	0.87	0.83	0.72	0.70	0.63	0.80	0.88	0.92	0.87	1.19	1.37	1.57	2.01	2.31	1.98	1.92	1.50	1.12	0.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.96	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC1 323568	18.52	17.31	12.98	8.93	13.52	16.91	16.44	12.95	12.64	11.03	12.83	14.09	14.47	12.52	15.77	18.19	20.74	26.90	31.81	30.21	28.64	23.47	18.40	16.43
	1.01	0.95	0.73	0.50	0.74	0.85	0.80	0.71	0.68	0.62	0.79	0.87	0.90	0.85	1.17	1.35	1.54	1.96	2.26	1.93	1.88	1.46	1.09	0.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC2 323569	18.52	17.31	12.98	8.93	13.52	16.91	16.44	12.95	12.64	11.03	12.83	14.09	14.47	12.52	15.77	18.19	20.74	26.90	31.81	30.21	28.64	23.47	18.40	16.43
	1.01	0.95	0.73	0.50	0.74	0.85	0.80	0.71	0.68	0.62	0.79	0.87	0.90	0.85	1.17	1.35	1.54	1.96	2.26	1.93	1.88	1.46	1.09	0.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HOLTSVILL 23794	19.00	17.66	13.22	9.14	13.84	81.82	16.72	13.28	12.78	11.19	13.00	14.27	14.75	14.88	26.01	25.86	31.60	243.89	255.87	177.97	36.48	28.18	18.81	16.78
	1.50	1.31	0.98	0.71	1.05	1.34	1.08	1.04	0.82	0.78	0.96	1.05	1.18	1.12	1.53	1.76	1.89	2.52	2.86	2.46	2.39	2.03	1.51	1.28
	0.00	0.00	0.00	0.00	0.00	-64.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.09	-9.89	-7.25	-10.51	-216.43	-223.46	-147.23	-7.33	-4.14	0.00	0.00
NYPA____HELLGATE_GT1 24158	18.57	17.35	13.00	8.94	13.55	16.93	16.44	12.96	12.63	11.01	12.81	14.07	14.46	12.51	15.77	18.20	20.77	26.92	31.84	30.23	28.70	23.52	18.44	16.45
	1.07	1.00	0.76	0.51	0.76	0.87	0.80	0.71	0.67	0.61	0.76	0.84	0.89	0.84	1.17	1.37	1.56	1.99	2.29	1.95	1.94	1.51	1.13	0.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HELLGATE_GT2 24159	18.57	17.35	13.00	8.94	13.55	16.93	16.44	12.96	12.63	11.01	12.81	14.07	14.46	12.51	15.77	18.20	20.77	26.92	31.84	30.23	28.70	23.52	18.44	16.45
	1.07	1.00	0.76	0.51	0.76	0.87	0.80	0.71	0.67	0.61	0.76	0.84	0.89	0.84	1.17	1.37	1.56	1.99	2.29	1.95	1.94	1.51	1.13	0.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE____HYD 23848	16.75	15.73	11.72	8.08	12.38	15.59	15.12	11.81	11.52	10.12	11.73	12.97	13.30	11.39	14.29	16.42	18.56	24.09	28.41	27.08	25.23	20.09	15.88	14.56
	-0.53	-0.38	-0.28	-0.21	-0.27	-0.30	-0.39	-0.42	-0.43	-0.29	-0.31	-0.25	-0.27	-0.27	-0.31	-0.42	-0.64	-0.85	-1.14	-1.20	-1.48	-1.11	-0.72	-0.70
	0.22	0.23	0.23	0.14	0.13	0.17	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.81	0.70	0.24
OAK ORCHARD____HYD 24046	17.12	16.06	11.99	8.25	12.60	15.85	15.39	12.02	11.72	10.27	11.89	13.13	13.48	11.55	14.47	16.68	18.95	24.51	29.11	27.78	26.04	21.07	16.60	15.04
	-0.26	-0.17	-0.13	-0.10	-0.12	-0.12	-0.18	-0.22	-0.23	-0.14	-0.15	-0.09	-0.09	-0.11	-0.13	-0.16	-0.25	-0.43	-0.45	-0.50	-0.70	-0.52	-0.33	-0.33
	0.12	0.12	0.12	0.07	0.07	0.09	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.43	0.37	0.13

OAKDALE___35_KV_LOAD 356122	17.58 0.08 0.00	16.47 0.12 0.00	12.30 0.06 0.00	8.47 0.04 0.00	12.88 0.10 0.00	16.17 0.11 0.00	15.75 0.12 0.00	12.33 0.09 0.00	12.01 0.06 0.00	10.48 0.06 0.00	12.13 0.09 0.00	13.33 0.11 0.00	13.66 0.09 0.00	11.75 0.09 0.00	14.72 0.12 0.00	17.01 0.17 0.00	19.38 0.18 0.00	25.14 0.20 0.00	29.85 0.30 0.00	28.49 0.21 0.00	26.90 0.14 0.00	22.10 0.08 0.00	17.38 0.08 0.00	15.53 0.03 0.00
OCC_CHEM___DRP 24175	16.72 -0.78 0.00	15.75 -0.59 0.00	11.81 -0.43 0.00	8.11 -0.32 0.00	12.35 -0.43 0.00	15.55 -0.51 0.00	15.04 -0.59 0.00	11.66 -0.58 0.00	11.38 -0.58 0.00	10.01 -0.40 0.00	11.60 -0.44 0.00	12.83 -0.39 0.00	13.16 -0.41 0.00	11.26 -0.40 0.00	14.12 -0.48 0.00	16.19 -0.65 0.00	18.31 -0.90 0.00	23.67 -1.27 0.00	27.81 -1.74 0.00	26.46 -1.83 0.00	24.68 -2.08 0.00	20.42 -1.59 0.00	16.24 -1.07 0.00	14.51 -1.00 0.00
OH_GEN_PROXY 24063	16.56 -0.67 0.27	15.57 -0.48 0.29	11.59 -0.36 0.29	7.99 -0.26 0.17	12.28 -0.34 0.16	15.45 -0.40 0.21	14.99 -0.48 0.16	11.75 -0.48 0.01	11.47 -0.49 0.00	10.08 -0.33 0.00	11.69 -0.35 0.00	12.93 -0.30 0.00	13.25 -0.32 0.00	11.34 -0.33 0.00	14.22 -0.38 0.00	16.34 -0.50 0.00	18.46 -0.74 0.00	23.87 -1.07 0.00	28.18 -1.37 0.00	26.83 -1.45 0.00	25.01 -1.69 0.05	19.72 -1.28 1.01	15.58 -0.84 0.88	48.36 -0.80 -33.67
OLIN_CORP_DRP 24177	16.72 -0.78 0.00	15.74 -0.61 0.00	11.80 -0.44 0.00	8.11 -0.32 0.00	12.34 -0.45 0.00	15.54 -0.52 0.00	15.03 -0.60 0.00	11.66 -0.58 0.00	11.36 -0.59 0.00	9.99 -0.41 0.00	11.58 -0.46 0.00	12.81 -0.41 0.00	13.14 -0.43 0.00	11.25 -0.41 0.00	14.11 -0.49 0.00	16.18 -0.66 0.00	18.29 -0.92 0.00	23.68 -1.26 0.00	27.94 -1.60 0.00	26.63 -1.65 0.00	24.85 -1.91 0.00	20.54 -1.47 0.00	16.32 -0.99 0.00	14.58 -0.92 0.00
OLIN_CORP_DSASP 323712	16.47 -0.78 0.25	15.49 -0.59 0.27	11.54 -0.43 0.26	7.96 -0.32 0.16	12.20 -0.44 0.15	15.36 -0.51 0.19	14.89 -0.59 0.15	11.65 -0.58 0.01	11.38 -0.58 0.00	10.01 -0.40 0.00	11.60 -0.44 0.00	12.83 -0.39 0.00	13.16 -0.41 0.00	11.26 -0.40 0.00	14.12 -0.48 0.00	16.19 -0.65 0.00	18.31 -0.90 0.00	23.67 -1.27 0.00	27.81 -1.74 0.00	26.46 -1.82 0.00	24.62 -2.09 0.05	19.50 -1.59 0.92	15.44 -1.06 0.80	14.23 -1.00 0.28
ONEIDA_HERK_LFGE 323681	16.75 -0.16 0.59	16.31 -0.04 0.00	12.17 -0.07 0.00	8.38 -0.04 0.00	12.78 -0.01 0.00	16.24 0.17 0.00	15.87 0.23 0.00	12.38 0.14 0.00	12.06 0.11 0.00	10.49 0.08 0.00	12.12 0.07 0.00	13.30 0.08 0.00	13.65 0.08 0.00	11.70 0.04 0.00	14.63 0.03 0.00	16.90 0.06 0.00	19.31 0.11 0.00	25.18 0.24 0.00	30.11 0.56 0.00	28.85 0.57 0.00	27.34 0.58 0.00	22.47 0.46 0.00	17.65 0.35 0.00	15.82 0.32 0.00
ONEIDA___115KV_TB4 55905	17.54 0.26 0.22	16.63 0.28 0.00	12.42 0.19 0.00	8.55 0.12 0.00	13.00 0.22 0.00	16.38 0.32 0.00	15.97 0.34 0.00	12.45 0.21 0.00	12.12 0.17 0.00	10.55 0.13 0.00	12.18 0.14 0.00	13.38 0.16 0.00	13.71 0.14 0.00	11.77 0.11 0.00	14.74 0.14 0.00	17.03 0.20 0.00	19.47 0.27 0.00	25.36 0.42 0.00	30.25 0.70 0.00	29.00 0.72 0.00	27.44 0.68 0.00	22.56 0.55 0.00	17.72 0.41 0.00	15.86 0.36 0.00
ONONDAGA_REF_OCCRA 23987	17.32 -0.07 0.11	16.30 -0.05 0.00	12.19 -0.05 0.00	8.39 -0.03 0.00	12.75 -0.03 0.00	16.02 -0.04 0.00	15.60 -0.03 0.00	12.20 -0.05 0.00	11.89 -0.06 0.00	10.37 -0.04 0.00	11.99 -0.06 0.00	13.17 -0.05 0.00	13.51 -0.06 0.00	11.60 -0.07 0.00	14.49 -0.11 0.00	16.73 -0.11 0.00	19.08 -0.12 0.00	24.79 -0.15 0.00	29.43 -0.12 0.00	28.11 -0.17 0.00	26.54 -0.22 0.00	21.82 -0.19 0.00	17.18 -0.12 0.00	15.44 -0.07 0.00
ONONDAGA___COGEN 23986	17.33 -0.06 0.10	16.31 -0.04 0.00	12.19 -0.05 0.00	8.40 -0.03 0.00	12.76 -0.02 0.00	16.04 -0.02 0.00	15.63 -0.01 0.00	12.21 -0.03 0.00	11.91 -0.04 0.00	10.37 -0.04 0.00	11.99 -0.06 0.00	13.18 -0.05 0.00	13.52 -0.05 0.00	11.59 -0.07 0.00	14.48 -0.11 0.00	16.72 -0.12 0.00	19.08 -0.12 0.00	24.79 -0.15 0.00	29.43 -0.11 0.00	28.13 -0.15 0.00	26.56 -0.20 0.00	21.84 -0.17 0.00	17.20 -0.11 0.00	15.45 -0.05 0.00
ONTARIO___LFGE 23819	17.46 -0.04 0.00	16.35 0.01 0.00	12.19 -0.05 0.00	8.39 -0.04 0.00	12.81 0.03 0.00	16.10 0.04 0.00	15.68 0.04 0.00	12.24 0.00 0.00	11.89 -0.07 0.00	10.36 -0.05 0.00	11.98 -0.06 0.00	13.19 -0.03 0.00	13.52 -0.05 0.00	11.61 -0.06 0.00	14.53 -0.07 0.00	16.82 -0.02 0.00	19.17 -0.03 0.00	24.95 0.01 0.00	29.56 0.01 0.00	28.37 0.08 0.00	26.71 -0.05 0.00	21.94 -0.08 0.00	17.24 -0.07 0.00	15.36 -0.14 0.00
ORANGEVILLE_WT_PWR 323706	17.08 -0.37 0.05	16.03 -0.26 0.06	11.94 -0.24 0.06	8.23 -0.16 0.03	12.64 -0.11 0.03	15.90 -0.11 0.04	15.47 -0.13 0.03	12.07 -0.17 0.00	11.75 -0.20 0.00	10.31 -0.10 0.00	11.96 -0.09 0.00	13.20 -0.02 0.00	13.52 -0.05 0.00	11.60 -0.07 0.00	14.55 -0.05 0.00	16.77 -0.07 0.00	19.01 -0.20 0.00	24.60 -0.34 0.00	29.09 -0.46 0.00	27.72 -0.56 0.00	25.95 -0.80 0.01	21.16 -0.65 0.20	16.69 -0.45 0.18	14.94 -0.50 0.06
ORANGEVILLE___ESR 323794	17.08 -0.37 0.05	16.03 -0.26 0.06	11.94 -0.24 0.06	8.23 -0.16 0.03	12.64 -0.11 0.03	15.90 -0.11 0.04	15.47 -0.13 0.03	12.07 -0.17 0.00	11.75 -0.20 0.00	10.31 -0.10 0.00	11.96 -0.09 0.00	13.20 -0.02 0.00	13.52 -0.05 0.00	11.60 -0.07 0.00	14.55 -0.05 0.00	16.77 -0.07 0.00	19.01 -0.20 0.00	24.60 -0.34 0.00	29.09 -0.46 0.00	27.72 -0.56 0.00	25.95 -0.80 0.01	21.16 -0.65 0.20	16.69 -0.45 0.18	14.94 -0.50 0.06
OSWEGATCHIE___HYD 24044	12.99 -1.22 3.29	15.78 -0.57 0.00	11.76 -0.48 0.00	8.09 -0.34 0.00	12.35 -0.43 0.00	15.80 -0.26 0.00	15.43 -0.20 0.00	12.03 -0.21 0.00	11.75 -0.21 0.00	10.22 -0.19 0.00	11.81 -0.23 0.00	12.98 -0.24 0.00	13.35 -0.22 0.00	11.41 -0.25 0.00	14.23 -0.37 0.00	16.43 -0.41 0.00	18.77 -0.43 0.00	24.50 -0.44 0.00	29.31 -0.24 0.00	28.16 -0.12 0.00	26.81 0.05 0.00	22.10 0.09 0.00	17.35 0.05 0.00	15.49 -0.01 0.00
OSWEGO___5 23606	17.18 -0.32 0.00	16.08 -0.26 0.00	12.03 -0.21 0.00	8.29 -0.14 0.00	12.58 -0.20 0.00	15.81 -0.25 0.00	15.39 -0.24 0.00	12.03 -0.21 0.00	11.74 -0.22 0.00	10.22 -0.19 0.00	11.81 -0.23 0.00	12.98 -0.24 0.00	13.32 -0.26 0.00	11.42 -0.25 0.00	14.26 -0.34 0.00	16.45 -0.39 0.00	18.74 -0.46 0.00	24.32 -0.62 0.00	28.85 -0.69 0.00	27.59 -0.69 0.00	26.07 -0.69 0.00	21.45 -0.56 0.00	16.91 -0.40 0.00	15.20 -0.30 0.00
OSWEGO___6 23613	17.18 -0.32 0.00	16.08 -0.26 0.00	12.03 -0.21 0.00	8.29 -0.14 0.00	12.58 -0.20 0.00	15.81 -0.25 0.00	15.39 -0.24 0.00	12.03 -0.21 0.00	11.74 -0.22 0.00	10.22 -0.19 0.00	11.81 -0.23 0.00	12.98 -0.24 0.00	13.32 -0.26 0.00	11.42 -0.25 0.00	14.26 -0.34 0.00	16.45 -0.39 0.00	18.74 -0.46 0.00	24.32 -0.62 0.00	28.85 -0.69 0.00	27.59 -0.69 0.00	26.07 -0.69 0.00	21.45 -0.56 0.00	16.91 -0.40 0.00	15.20 -0.30 0.00

OUTOKUMPU-AB___DRP 24206	17.11 -0.40 0.00	16.10 -0.25 0.00	12.05 -0.19 0.00	8.28 -0.15 0.00	12.62 -0.16 0.00	15.89 -0.17 0.00	15.38 -0.26 0.00	11.93 -0.32 0.00	11.63 -0.32 0.00	10.23 -0.18 0.00	11.86 -0.18 0.00	13.11 -0.11 0.00	13.45 -0.12 0.00	11.52 -0.14 0.00	14.45 -0.15 0.00	16.59 -0.25 0.00	18.77 -0.43 0.00	24.32 -0.62 0.00	28.65 -0.90 0.00	27.28 -1.00 0.00	25.47 -1.30 0.00	21.05 -0.97 0.00	16.69 -0.61 0.00	14.89 -0.61 0.00
OXBOW___BTM 323836	16.67 -0.58 0.25	15.67 -0.42 0.27	11.67 -0.31 0.26	8.04 -0.23 0.16	12.34 -0.29 0.15	15.53 -0.34 0.19	15.07 -0.42 0.15	11.79 -0.44 0.01	11.51 -0.44 0.00	10.12 -0.29 0.00	11.74 -0.30 0.00	12.98 -0.24 0.00	13.31 -0.26 0.00	11.40 -0.26 0.00	14.30 -0.30 0.00	16.40 -0.44 0.00	18.55 -0.65 0.00	24.01 -0.92 0.00	28.27 -1.28 0.00	26.90 -1.38 0.00	25.05 -1.66 0.05	19.84 -1.26 0.91	15.68 -0.82 0.80	14.43 -0.79 0.27
OXBOW___ 24026	16.93 -0.58 0.00	15.93 -0.41 0.00	11.93 -0.31 0.00	8.20 -0.23 0.00	12.49 -0.29 0.00	15.72 -0.34 0.00	15.21 -0.42 0.00	11.80 -0.44 0.00	11.51 -0.45 0.00	10.12 -0.29 0.00	11.74 -0.30 0.00	12.98 -0.24 0.00	13.32 -0.25 0.00	11.40 -0.26 0.00	14.30 -0.30 0.00	16.40 -0.44 0.00	18.55 -0.65 0.00	24.02 -0.92 0.00	28.27 -1.28 0.00	26.90 -1.38 0.00	25.11 -1.65 0.00	20.75 -1.26 0.00	16.48 -0.83 0.00	14.71 -0.79 0.00
OXY_CHEM_DSASP 323612	16.72 -0.78 0.00	15.75 -0.59 0.00	11.81 -0.43 0.00	8.11 -0.32 0.00	12.35 -0.43 0.00	15.55 -0.51 0.00	15.04 -0.59 0.00	11.66 -0.58 0.00	11.38 -0.58 0.00	10.01 -0.40 0.00	11.60 -0.44 0.00	12.83 -0.39 0.00	13.16 -0.41 0.00	11.26 -0.40 0.00	14.12 -0.48 0.00	16.19 -0.65 0.00	18.31 -0.90 0.00	23.67 -1.27 0.00	27.81 -1.74 0.00	26.46 -1.83 0.00	24.68 -2.08 0.00	20.42 -1.59 0.00	16.24 -1.07 0.00	14.51 -1.00 0.00
OZONE_PARK_ESR 323760	18.66 1.16 0.00	17.43 1.08 0.00	13.06 0.82 0.00	8.98 0.55 0.00	13.61 0.82 0.00	17.03 0.96 0.00	16.56 0.92 0.00	13.03 0.79 0.00	12.72 0.77 0.00	11.10 0.69 0.00	12.92 0.87 0.00	14.19 0.97 0.00	14.58 1.01 0.00	12.61 0.95 0.00	15.89 1.29 0.00	18.35 1.51 0.00	20.94 1.73 0.00	27.16 2.22 0.00	32.12 2.56 0.00	30.50 2.22 0.00	28.88 2.12 0.00	23.68 1.67 0.00	18.57 1.26 0.00	16.57 1.07 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	16.72 -0.78 0.00	15.75 -0.59 0.00	11.81 -0.43 0.00	8.11 -0.32 0.00	12.35 -0.43 0.00	15.55 -0.51 0.00	15.04 -0.59 0.00	11.66 -0.58 0.00	11.38 -0.58 0.00	10.01 -0.40 0.00	11.60 -0.44 0.00	12.83 -0.39 0.00	13.16 -0.41 0.00	11.26 -0.40 0.00	14.12 -0.48 0.00	16.19 -0.65 0.00	18.31 -0.90 0.00	23.67 -1.27 0.00	27.81 -1.74 0.00	26.46 -1.83 0.00	24.68 -2.08 0.00	20.42 -1.59 0.00	16.24 -1.07 0.00	14.51 -1.00 0.00
PACKARD__115KV_DUPONT_184 80571	16.72 -0.78 0.00	15.75 -0.59 0.00	11.81 -0.43 0.00	8.11 -0.32 0.00	12.35 -0.43 0.00	15.55 -0.51 0.00	15.04 -0.59 0.00	11.66 -0.58 0.00	11.38 -0.58 0.00	10.01 -0.40 0.00	11.60 -0.44 0.00	12.83 -0.39 0.00	13.16 -0.41 0.00	11.26 -0.40 0.00	14.12 -0.48 0.00	16.19 -0.65 0.00	18.31 -0.90 0.00	23.67 -1.27 0.00	27.81 -1.74 0.00	26.46 -1.83 0.00	24.68 -2.08 0.00	20.42 -1.59 0.00	16.24 -1.07 0.00	14.51 -1.00 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	18.53 1.03 0.00	17.32 0.97 0.00	12.98 0.73 0.00	8.93 0.50 0.00	13.52 0.74 0.00	16.91 0.85 0.00	16.43 0.80 0.00	12.95 0.70 0.00	12.62 0.67 0.00	11.00 0.60 0.00	12.79 0.75 0.00	14.05 0.83 0.00	14.43 0.86 0.00	12.48 0.82 0.00	15.73 1.13 0.00	18.16 1.32 0.00	20.70 1.50 0.00	26.86 1.92 0.00	31.78 2.23 0.00	30.22 1.94 0.00	28.65 1.89 0.00	23.47 1.46 0.00	18.39 1.08 0.00	16.42 0.92 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	18.59 1.09 0.00	17.32 0.97 0.00	12.98 0.73 0.00	8.93 0.50 0.00	13.52 0.74 0.00	16.91 0.85 0.00	16.44 0.80 0.00	12.95 0.71 0.00	12.62 0.67 0.00	11.01 0.60 0.00	12.79 0.75 0.00	14.05 0.83 0.00	14.43 0.86 0.00	12.48 0.82 0.00	15.73 1.13 0.00	18.16 1.32 0.00	20.71 1.51 0.00	26.87 1.93 0.00	31.79 2.25 0.00	30.23 1.95 0.00	28.69 1.93 0.00	23.51 1.49 0.00	18.42 1.12 0.00	16.45 0.95 0.00
PATROON__115KV_TB1 80586	18.11 0.61 0.00	17.00 0.65 0.00	12.75 0.51 0.00	8.78 0.35 0.00	13.30 0.51 0.00	16.65 0.58 0.00	16.20 0.56 0.00	12.68 0.43 0.00	12.36 0.41 0.00	10.72 0.31 0.00	12.34 0.30 0.00	13.50 0.28 0.00	13.83 0.26 0.00	11.90 0.23 0.00	14.89 0.29 0.00	17.16 0.33 0.00	19.62 0.42 0.00	25.47 0.54 0.00	30.23 0.68 0.00	28.91 0.63 0.00	27.33 0.57 0.00	22.48 0.46 0.00	17.66 0.36 0.00	15.85 0.35 0.00
PATTRSNVILLE___SOLAR 323815	18.14 0.64 0.00	16.98 0.63 0.00	12.71 0.48 0.00	8.76 0.33 0.00	13.27 0.49 0.00	16.67 0.61 0.00	16.20 0.56 0.00	12.63 0.38 0.00	12.28 0.32 0.00	10.67 0.26 0.00	12.32 0.27 0.00	13.51 0.29 0.00	13.86 0.29 0.00	11.93 0.27 0.00	14.98 0.38 0.00	17.28 0.44 0.00	19.75 0.55 0.00	25.73 0.79 0.00	30.65 1.10 0.00	29.44 1.16 0.00	27.89 1.13 0.00	22.93 0.92 0.00	18.00 0.69 0.00	16.10 0.60 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.46 -0.04 0.00	16.44 0.09 0.00	12.29 0.05 0.00	8.44 0.02 0.00	12.91 0.12 0.00	16.23 0.17 0.00	15.74 0.10 0.00	12.20 -0.04 0.00	11.87 -0.09 0.00	10.42 0.01 0.00	12.09 0.05 0.00	13.37 0.15 0.00	13.70 0.13 0.00	11.73 0.07 0.00	14.73 0.13 0.00	16.96 0.12 0.00	19.20 -0.01 0.00	24.84 -0.09 0.00	29.34 -0.21 0.00	27.96 -0.33 0.00	26.15 -0.61 0.00	21.57 -0.44 0.00	17.09 -0.21 0.00	15.23 -0.27 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.49 0.99 0.00	17.29 0.94 0.00	12.95 0.71 0.00	8.92 0.49 0.00	13.51 0.73 0.00	16.91 0.85 0.00	16.45 0.81 0.00	12.93 0.69 0.00	12.63 0.67 0.00	11.01 0.60 0.00	12.77 0.73 0.00	14.02 0.80 0.00	14.40 0.83 0.00	12.46 0.79 0.00	15.69 1.08 0.00	18.12 1.29 0.00	20.68 1.48 0.00	26.88 1.94 0.00	31.82 2.28 0.00	30.28 2.00 0.00	28.62 1.86 0.00	23.48 1.47 0.00	18.39 1.08 0.00	16.41 0.91 0.00
PEEKSKILL___ 23653	18.30 0.80 0.00	17.11 0.76 0.00	12.81 0.58 0.00	8.82 0.39 0.00	13.37 0.59 0.00	16.73 0.67 0.00	16.27 0.64 0.00	12.80 0.56 0.00	12.49 0.54 0.00	10.89 0.48 0.00	12.64 0.60 0.00	13.88 0.66 0.00	14.25 0.67 0.00	12.32 0.66 0.00	15.51 0.91 0.00	17.92 1.08 0.00	20.43 1.23 0.00	26.52 1.58 0.00	31.39 1.84 0.00	29.88 1.59 0.00	28.25 1.49 0.00	23.16 1.15 0.00	18.16 0.85 0.00	16.23 0.73 0.00
PGE MADISON___WINDPWR 24146	18.62 1.06 -0.06	17.36 0.95 -0.07	12.80 0.49 -0.06	8.69 0.22 -0.04	13.19 0.37 -0.04	16.78 0.67 -0.05	16.52 0.85 -0.04	12.88 0.63 0.00	12.50 0.55 0.00	10.86 0.45 0.00	12.53 0.48 0.00	13.76 0.54 0.00	14.07 0.50 0.00	12.07 0.41 0.00	15.12 0.52 0.00	17.55 0.71 0.00	20.20 1.00 0.00	26.51 1.57 0.00	31.69 2.14 0.00	30.50 2.22 0.00	28.91 2.13 -0.01	23.94 1.71 -0.23	18.79 1.29 -0.20	16.62 1.06 -0.07

PIERCEFIELD___HYD 23852	11.05 -1.58 4.87	15.78 -0.57 0.00	11.79 -0.45 0.00	8.09 -0.33 0.00	12.31 -0.48 0.00	15.59 -0.47 0.00	15.21 -0.43 0.00	11.88 -0.36 0.00	11.63 -0.32 0.00	10.14 -0.26 0.00	11.75 -0.29 0.00	12.90 -0.32 0.00	13.30 -0.27 0.00	11.38 -0.29 0.00	14.18 -0.42 0.00	16.36 -0.48 0.00	18.70 -0.50 0.00	24.36 -0.58 0.00	28.89 -0.66 0.00	27.84 -0.44 0.00	26.50 -0.26 0.00	21.84 -0.17 0.00	17.13 -0.18 0.00	15.21 -0.29 0.00
PINELAWN_CC_1 323563	18.92 1.42 0.00	17.59 1.24 0.00	13.17 0.93 0.00	9.08 0.65 0.00	13.75 0.97 0.00	21.99 1.17 -4.76	16.59 0.95 0.00	13.16 0.92 0.00	12.70 0.75 0.00	11.13 0.72 0.00	12.96 0.92 0.00	14.22 1.00 0.00	14.68 1.11 0.00	14.81 1.06 -2.09	25.92 1.43 -9.89	25.75 1.65 -7.25	31.55 1.84 -10.51	72.91 2.43 -45.55	64.94 2.80 -32.59	42.27 2.41 -11.58	36.43 2.34 -7.33	28.10 1.95 -4.14	18.76 1.46 0.00	16.74 1.24 0.00
PJM_GEN_HTP_PROXY 323702	18.49 0.98 0.00	17.27 0.92 0.00	12.95 0.71 0.00	8.91 0.48 0.00	13.50 0.72 0.00	16.89 0.83 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.61 0.66 0.00	11.00 0.59 0.00	12.80 0.75 0.00	14.06 0.84 0.00	14.44 0.87 0.00	12.49 0.83 0.00	15.73 1.13 0.00	18.16 1.32 0.00	20.71 1.51 0.00	26.86 1.92 0.00	31.75 2.21 0.00	30.16 1.87 0.00	28.57 1.81 0.00	23.43 1.41 0.00	18.37 1.06 0.00	16.39 0.89 0.00
PJM_GEN_KEystone 24065	17.41 0.21 0.30	16.29 0.27 0.33	12.10 0.19 0.32	8.36 0.12 0.19	12.84 0.24 0.19	16.09 0.26 0.23	15.69 0.23 0.18	12.41 0.18 0.01	12.10 0.14 0.00	10.57 0.16 0.00	12.27 0.23 0.00	13.51 0.29 0.00	13.84 0.27 0.00	11.93 0.27 0.00	14.99 0.39 0.00	17.33 0.49 0.00	19.69 0.49 0.00	25.45 0.51 0.00	30.12 0.57 0.00	28.67 0.39 0.00	26.94 0.24 0.06	21.05 0.16 1.12	16.48 0.14 0.97	15.22 0.06 0.34
PJM_GEN_NEPTUNE_PROXY 323594	18.67 1.17 0.00	17.39 1.04 0.00	13.01 0.77 0.00	8.98 0.55 0.00	13.59 0.81 0.00	17.03 0.97 0.00	16.43 0.80 0.00	13.00 0.76 0.00	12.59 0.63 0.00	11.03 0.62 0.00	12.85 0.80 0.00	14.10 0.88 0.00	14.54 0.97 0.00	14.68 0.92 -2.09	25.74 1.25 -9.89	25.53 1.43 -7.25	31.29 1.58 -10.51	58.90 2.04 -31.92	49.27 2.36 -17.36	31.05 2.00 -0.76	36.04 1.96 -7.33	27.73 1.58 -4.14	18.49 1.19 0.00	16.52 1.01 0.00
PJM_GEN_VFT_PROXY 323633	18.44 0.94 0.00	17.23 0.88 0.00	12.91 0.67 0.00	8.88 0.45 0.00	13.47 0.68 0.00	16.85 0.79 0.00	16.39 0.75 0.00	12.90 0.65 0.00	12.58 0.63 0.00	10.98 0.57 0.00	12.76 0.72 0.00	14.02 0.80 0.00	14.40 0.83 0.00	12.46 0.80 0.00	15.69 1.09 0.00	18.12 1.29 0.00	20.67 1.48 0.00	26.79 1.85 0.00	31.69 2.14 0.00	30.10 1.83 0.00	28.52 1.76 0.00	23.36 1.35 0.00	18.32 1.02 0.00	16.36 0.86 0.00
PLATSBURG_115KV_PMLD1 355749	10.45 -0.97 6.08	16.55 0.20 0.00	12.39 0.15 0.00	8.47 0.04 0.00	12.85 0.06 0.00	16.14 0.08 0.00	15.79 0.16 0.00	12.47 0.23 0.00	12.21 0.26 0.00	10.66 0.25 0.00	12.37 0.33 0.00	13.63 0.41 0.00	14.03 0.46 0.00	12.04 0.38 0.00	15.07 0.47 0.00	17.38 0.54 0.00	19.92 0.72 0.00	26.06 1.12 0.00	30.97 1.42 0.00	29.71 1.43 0.00	28.05 1.29 0.00	22.99 0.98 0.00	18.00 0.70 0.00	16.05 0.55 0.00
PLEASANTVLY___LBMP 24000	18.27 0.77 0.00	17.10 0.76 0.00	12.83 0.58 0.00	8.83 0.40 0.00	13.38 0.60 0.00	16.75 0.68 0.00	16.28 0.65 0.00	12.80 0.56 0.00	12.49 0.54 0.00	10.87 0.46 0.00	12.60 0.56 0.00	13.82 0.60 0.00	14.19 0.62 0.00	12.26 0.60 0.00	15.43 0.82 0.00	17.80 0.96 0.00	20.29 1.08 0.00	26.33 1.39 0.00	31.18 1.63 0.00	29.71 1.43 0.00	28.11 1.35 0.00	23.07 1.06 0.00	18.09 0.78 0.00	16.18 0.68 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	18.41 0.91 0.00	17.22 0.87 0.00	12.91 0.66 0.00	8.88 0.45 0.00	13.46 0.67 0.00	16.84 0.78 0.00	16.37 0.74 0.00	12.88 0.64 0.00	12.57 0.61 0.00	10.96 0.55 0.00	12.72 0.68 0.00	13.97 0.75 0.00	14.35 0.78 0.00	12.41 0.74 0.00	15.61 1.02 0.00	18.03 1.19 0.00	20.56 1.36 0.00	26.69 1.75 0.00	31.58 2.04 0.00	30.05 1.77 0.00	28.43 1.67 0.00	23.32 1.31 0.00	18.28 0.97 0.00	16.33 0.82 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	18.41 0.91 0.00	17.22 0.87 0.00	12.91 0.66 0.00	8.88 0.45 0.00	13.46 0.67 0.00	16.84 0.78 0.00	16.37 0.74 0.00	12.88 0.64 0.00	12.57 0.61 0.00	10.96 0.55 0.00	12.72 0.68 0.00	13.97 0.75 0.00	14.35 0.78 0.00	12.41 0.74 0.00	15.61 1.02 0.00	18.03 1.19 0.00	20.56 1.36 0.00	26.69 1.75 0.00	31.58 2.04 0.00	30.05 1.77 0.00	28.43 1.67 0.00	23.32 1.31 0.00	18.28 0.97 0.00	16.33 0.82 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.37 0.87 0.00	17.19 0.84 0.00	12.89 0.65 0.00	8.87 0.45 0.00	13.44 0.66 0.00	16.83 0.76 0.00	16.37 0.73 0.00	12.86 0.62 0.00	12.55 0.60 0.00	10.93 0.52 0.00	12.66 0.62 0.00	13.88 0.66 0.00	14.25 0.68 0.00	12.33 0.66 0.00	15.52 0.91 0.00	17.92 1.09 0.00	20.45 1.24 0.00	26.58 1.64 0.00	31.51 1.96 0.00	30.02 1.74 0.00	28.38 1.62 0.00	23.27 1.26 0.00	18.23 0.93 0.00	16.29 0.79 0.00
POLETTI____ 23519	18.46 0.96 0.00	17.26 0.91 0.00	12.93 0.70 0.00	8.90 0.47 0.00	13.49 0.71 0.00	16.87 0.81 0.00	16.40 0.77 0.00	12.91 0.67 0.00	12.60 0.65 0.00	10.99 0.58 0.00	12.79 0.75 0.00	14.05 0.83 0.00	14.43 0.86 0.00	12.48 0.82 0.00	15.72 1.12 0.00	18.15 1.31 0.00	20.69 1.49 0.00	26.83 1.89 0.00	31.72 2.17 0.00	30.12 1.84 0.00	28.54 1.78 0.00	23.40 1.39 0.00	18.35 1.04 0.00	16.38 0.88 0.00
POMONA___ESR 323819	18.31 0.81 0.00	17.11 0.77 0.00	12.81 0.58 0.00	8.82 0.39 0.00	13.37 0.59 0.00	16.73 0.67 0.00	16.27 0.64 0.00	12.80 0.56 0.00	12.50 0.54 0.00	10.90 0.49 0.00	12.65 0.61 0.00	13.90 0.68 0.00	14.26 0.69 0.00	12.34 0.68 0.00	15.54 0.94 0.00	17.96 1.12 0.00	20.49 1.28 0.00	26.58 1.64 0.00	31.47 1.92 0.00	29.95 1.67 0.00	28.29 1.53 0.00	23.19 1.18 0.00	18.18 0.87 0.00	16.24 0.74 0.00
PORT_JEFF_3 23555	19.06 1.56 0.00	17.70 1.36 0.00	13.25 1.01 0.00	9.16 0.73 0.00	13.87 1.09 0.00	79.90 1.41 -62.43	16.78 1.14 0.00	13.33 1.09 0.00	12.82 0.87 0.00	11.24 0.83 0.00	13.04 1.00 0.00	14.32 1.09 0.00	14.80 1.23 0.00	14.93 1.17 -2.09	26.09 1.60 -9.89	25.95 1.86 -7.25	31.65 1.93 -10.51	238.23 2.58 -210.71	249.56 2.93 -217.08	173.48 2.51 -142.69	36.54 2.45 -7.33	28.25 2.10 -4.14	18.86 1.55 0.00	16.82 1.32 0.00
PORT_JEFF_4 23616	19.06 1.56 0.00	17.70 1.36 0.00	13.25 1.01 0.00	9.16 0.73 0.00	13.87 1.09 0.00	79.90 1.41 -62.43	16.78 1.14 0.00	13.33 1.09 0.00	12.82 0.87 0.00	11.24 0.83 0.00	13.04 1.00 0.00	14.32 1.09 0.00	14.80 1.23 0.00	14.93 1.17 -2.09	26.09 1.60 -9.89	25.95 1.86 -7.25	31.65 1.93 -10.51	238.23 2.58 -210.71	249.56 2.93 -217.08	173.48 2.51 -142.69	36.54 2.45 -7.33	28.25 2.10 -4.14	18.86 1.55 0.00	16.82 1.32 0.00

PORT_JEFF_IC 23713	19.06 1.56 0.00	17.70 1.36 0.00	13.25 1.01 0.00	9.16 0.73 0.00	13.87 1.09 0.00	76.87 1.43 -59.38	16.81 1.17 0.00	13.36 1.11 0.00	12.84 0.89 0.00	11.25 0.84 0.00	13.05 1.01 0.00	14.32 1.10 0.00	14.81 1.24 0.00	14.94 1.18 -2.09	26.10 1.62 -9.89	25.97 1.88 -7.25	31.61 1.89 -10.51	229.45 2.52 -201.98	239.74 2.87 -207.32	166.48 2.44 -135.76	36.51 2.43 -7.32	28.27 2.12 -4.14	18.87 1.57 0.00	16.83 1.33 0.00
PPL PILGRIM_ST_GT1 24216	19.10 1.59 0.00	17.75 1.40 0.00	13.28 1.04 0.00	9.16 0.73 0.00	13.87 1.09 0.00	32.73 1.35 -15.31	16.60 0.96 0.00	13.30 1.06 0.00	12.81 0.86 0.00	11.23 0.82 0.00	13.07 1.03 0.00	14.34 1.12 0.00	14.82 1.25 0.00	14.93 1.18 -2.09	26.08 1.59 -9.89	25.93 1.84 -7.25	31.72 2.00 -10.51	103.34 2.62 -75.78	98.73 2.82 -66.36	66.22 2.36 -35.58	36.55 2.47 -7.33	28.29 2.14 -4.14	18.91 1.61 0.00	16.88 1.38 0.00
PPL PILGRIM_ST_GT2 24217	19.10 1.59 0.00	17.75 1.40 0.00	13.28 1.04 0.00	9.16 0.73 0.00	13.87 1.09 0.00	32.73 1.35 -15.31	16.60 0.96 0.00	13.30 1.06 0.00	12.81 0.86 0.00	11.23 0.82 0.00	13.07 1.03 0.00	14.34 1.12 0.00	14.82 1.25 0.00	14.93 1.18 -2.09	26.08 1.59 -9.89	25.93 1.84 -7.25	31.72 2.00 -10.51	103.34 2.62 -75.78	98.73 2.82 -66.36	66.22 2.36 -35.58	36.55 2.47 -7.33	28.29 2.14 -4.14	18.91 1.61 0.00	16.88 1.38 0.00
PPL_SHRM_GT3 24213	18.97 1.46 0.00	17.60 1.25 0.00	13.20 0.96 0.00	9.15 0.72 0.00	13.86 1.08 0.00	78.72 1.51 -61.14	16.88 1.24 0.00	13.42 1.18 0.00	12.82 0.86 0.00	11.22 0.81 0.00	12.87 0.83 0.00	14.12 0.90 0.00	14.61 1.04 0.00	14.78 1.02 -2.09	25.91 1.42 -9.89	25.76 1.67 -7.25	31.50 1.78 -10.51	234.46 2.50 -207.02	245.38 2.87 -212.95	170.49 2.45 -139.76	36.34 2.25 -7.33	28.08 1.93 -4.14	18.74 1.44 0.00	16.70 1.19 0.00
PPL_SHRM_GT4 24214	18.97 1.46 0.00	17.60 1.25 0.00	13.20 0.96 0.00	9.15 0.72 0.00	13.86 1.08 0.00	78.72 1.51 -61.14	16.88 1.24 0.00	13.42 1.18 0.00	12.82 0.86 0.00	11.22 0.81 0.00	12.87 0.83 0.00	14.12 0.90 0.00	14.61 1.04 0.00	14.78 1.02 -2.09	25.91 1.42 -9.89	25.76 1.67 -7.25	31.50 1.78 -10.51	234.46 2.50 -207.02	245.38 2.87 -212.95	170.49 2.45 -139.76	36.34 2.25 -7.33	28.08 1.93 -4.14	18.74 1.44 0.00	16.70 1.19 0.00
PROJECT___ORANGE 1 24174	17.26 -0.13 0.12	16.25 -0.09 0.00	12.15 -0.08 0.00	8.37 -0.06 0.00	12.72 -0.07 0.00	15.98 -0.08 0.00	15.55 -0.08 0.00	12.16 -0.08 0.00	11.85 -0.10 0.00	10.33 -0.07 0.00	11.95 -0.09 0.00	13.14 -0.08 0.00	13.47 -0.10 0.00	11.56 -0.10 0.00	14.45 -0.15 0.00	16.67 -0.16 0.00	19.01 -0.20 0.00	24.69 -0.25 0.00	29.31 -0.24 0.00	28.00 -0.28 0.00	26.43 -0.33 0.00	21.74 -0.27 0.00	17.12 -0.18 0.00	15.38 -0.12 0.00
PROJECT___ORANGE 2 24166	17.26 -0.13 0.12	16.25 -0.09 0.00	12.15 -0.08 0.00	8.37 -0.06 0.00	12.72 -0.07 0.00	15.98 -0.08 0.00	15.55 -0.08 0.00	12.16 -0.08 0.00	11.85 -0.10 0.00	10.33 -0.07 0.00	11.95 -0.09 0.00	13.14 -0.08 0.00	13.47 -0.10 0.00	11.56 -0.10 0.00	14.45 -0.15 0.00	16.67 -0.16 0.00	19.01 -0.20 0.00	24.69 -0.25 0.00	29.31 -0.24 0.00	28.00 -0.28 0.00	26.43 -0.33 0.00	21.74 -0.27 0.00	17.12 -0.18 0.00	15.38 -0.12 0.00
PUCKETT___SOLAR 323809	17.80 0.30 0.00	16.65 0.30 0.00	12.37 0.13 0.00	8.48 0.05 0.00	12.89 0.10 0.00	16.23 0.17 0.00	15.87 0.23 0.00	12.43 0.19 0.00	12.09 0.14 0.00	10.52 0.11 0.00	12.15 0.11 0.00	13.34 0.12 0.00	13.67 0.10 0.00	11.75 0.08 0.00	14.71 0.11 0.00	17.03 0.20 0.00	19.48 0.27 0.00	25.36 0.42 0.00	30.26 0.71 0.00	28.95 0.67 0.00	27.37 0.61 0.00	22.49 0.48 0.00	17.67 0.36 0.00	15.77 0.27 0.00
PYRITES___HYD 24023	11.18 -1.32 5.00	16.07 -0.28 0.00	12.01 -0.23 0.00	8.25 -0.18 0.00	12.54 -0.25 0.00	15.86 -0.20 0.00	15.46 -0.18 0.00	12.02 -0.22 0.00	11.75 -0.20 0.00	10.23 -0.18 0.00	11.84 -0.20 0.00	13.00 -0.22 0.00	13.40 -0.17 0.00	11.46 -0.20 0.00	14.29 -0.31 0.00	16.50 -0.34 0.00	18.89 -0.31 0.00	24.61 -0.33 0.00	29.28 -0.27 0.00	28.31 0.02 0.00	27.02 0.26 0.00	22.27 0.25 0.00	17.46 0.16 0.00	15.48 -0.02 0.00
QUAKERRD_115KV_BK1 80622	16.90 -0.61 0.00	15.85 -0.50 0.00	11.85 -0.39 0.00	8.15 -0.27 0.00	12.40 -0.38 0.00	15.60 -0.46 0.00	15.14 -0.49 0.00	11.79 -0.45 0.00	11.50 -0.46 0.00	10.05 -0.36 0.00	11.65 -0.40 0.00	12.84 -0.38 0.00	13.18 -0.39 0.00	11.30 -0.37 0.00	14.15 -0.45 0.00	16.32 -0.52 0.00	18.56 -0.64 0.00	24.03 -0.91 0.00	28.54 -1.01 0.00	27.25 -1.03 0.00	25.60 -1.16 0.00	21.09 -0.92 0.00	16.64 -0.66 0.00	14.89 -0.61 0.00
QUENSBRY_115KV_TB8 356137	18.60 1.10 0.00	17.48 1.13 0.00	13.10 0.86 0.00	9.02 0.59 0.00	13.69 0.90 0.00	17.17 1.11 0.00	16.72 1.08 0.00	13.05 0.81 0.00	12.69 0.74 0.00	11.02 0.61 0.00	12.60 0.56 0.00	13.80 0.58 0.00	14.05 0.48 0.00	12.12 0.45 0.00	15.25 0.65 0.00	17.60 0.77 0.00	20.36 1.15 0.00	26.62 1.68 0.00	31.83 2.29 0.00	30.61 2.32 0.00	28.97 2.21 0.00	23.78 1.77 0.00	18.57 1.26 0.00	16.59 1.09 0.00
RAMAPO___LBMP 323565	18.22 0.72 0.00	17.04 0.69 0.00	12.76 0.51 0.00	8.78 0.35 0.00	13.32 0.53 0.00	16.66 0.60 0.00	16.21 0.57 0.00	12.75 0.50 0.00	12.45 0.49 0.00	10.85 0.44 0.00	12.59 0.55 0.00	13.83 0.61 0.00	14.19 0.61 0.00	12.27 0.61 0.00	15.44 0.84 0.00	17.85 1.01 0.00	20.35 1.15 0.00	26.40 1.46 0.00	31.26 1.71 0.00	29.77 1.49 0.00	28.13 1.37 0.00	23.06 1.05 0.00	18.08 0.78 0.00	16.16 0.66 0.00
RANKINE____ 23646	17.25 -0.25 0.00	16.23 -0.11 0.00	12.15 -0.09 0.00	8.35 -0.08 0.00	12.76 -0.02 0.00	16.05 -0.01 0.00	15.55 -0.09 0.00	12.07 -0.17 0.00	11.76 -0.20 0.00	10.33 -0.08 0.00	11.99 -0.05 0.00	13.26 0.04 0.00	13.58 0.01 0.00	11.64 -0.02 0.00	14.60 0.00 0.00	16.80 -0.04 0.00	19.01 -0.19 0.00	24.60 -0.34 0.00	29.06 -0.49 0.00	27.68 -0.60 0.00	25.87 -0.89 0.00	21.35 -0.66 0.00	16.91 -0.39 0.00	15.06 -0.44 0.00
RAVENSWOOD_GT2_1 24244	18.49 0.99 0.00	17.28 0.94 0.00	12.95 0.71 0.00	8.91 0.49 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.67 0.00	11.01 0.60 0.00	12.80 0.76 0.00	14.06 0.84 0.00	14.44 0.87 0.00	12.50 0.83 0.00	15.73 1.14 0.00	18.16 1.32 0.00	20.71 1.51 0.00	26.87 1.93 0.00	31.77 2.22 0.00	30.19 1.91 0.00	28.59 1.83 0.00	23.44 1.43 0.00	18.38 1.08 0.00	16.41 0.91 0.00
RAVENSWOOD_GT2_2 24245	18.49 0.99 0.00	17.28 0.94 0.00	12.95 0.71 0.00	8.91 0.49 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.67 0.00	11.01 0.60 0.00	12.80 0.76 0.00	14.06 0.84 0.00	14.44 0.87 0.00	12.50 0.83 0.00	15.73 1.14 0.00	18.16 1.32 0.00	20.71 1.51 0.00	26.87 1.93 0.00	31.77 2.22 0.00	30.19 1.91 0.00	28.59 1.83 0.00	23.44 1.43 0.00	18.38 1.08 0.00	16.41 0.91 0.00



RAVENSWOOD_GT2_3 24246	18.50 1.00 0.00	17.29 0.94 0.00	12.96 0.72 0.00	8.92 0.49 0.00	13.51 0.73 0.00	16.90 0.84 0.00	16.43 0.80 0.00	12.93 0.69 0.00	12.62 0.67 0.00	11.01 0.61 0.00	12.81 0.77 0.00	14.06 0.84 0.00	14.45 0.88 0.00	12.50 0.84 0.00	15.74 1.14 0.00	18.17 1.33 0.00	20.73 1.52 0.00	26.88 1.94 0.00	31.79 2.24 0.00	30.20 1.92 0.00	28.60 1.84 0.00	23.45 1.44 0.00	18.39 1.08 0.00	16.41 0.91 0.00
RAVENSWOOD_GT2_4 24247	18.50 1.00 0.00	17.29 0.94 0.00	12.96 0.72 0.00	8.92 0.49 0.00	13.51 0.73 0.00	16.90 0.84 0.00	16.43 0.80 0.00	12.93 0.69 0.00	12.62 0.67 0.00	11.01 0.61 0.00	12.81 0.77 0.00	14.06 0.84 0.00	14.45 0.88 0.00	12.50 0.84 0.00	15.74 1.14 0.00	18.17 1.33 0.00	20.73 1.52 0.00	26.88 1.94 0.00	31.79 2.24 0.00	30.20 1.92 0.00	28.60 1.84 0.00	23.45 1.44 0.00	18.39 1.08 0.00	16.41 0.91 0.00
RAVENSWOOD_GT3_1 24248	18.49 0.99 0.00	17.28 0.94 0.00	12.95 0.71 0.00	8.91 0.49 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.67 0.00	11.01 0.60 0.00	12.80 0.76 0.00	14.06 0.84 0.00	14.44 0.87 0.00	12.50 0.83 0.00	15.74 1.14 0.00	18.16 1.32 0.00	20.71 1.51 0.00	26.86 1.92 0.00	31.77 2.22 0.00	30.18 1.90 0.00	28.59 1.83 0.00	23.44 1.43 0.00	18.38 1.07 0.00	16.41 0.90 0.00
RAVENSWOOD_GT3_2 24249	18.49 0.99 0.00	17.28 0.94 0.00	12.95 0.71 0.00	8.91 0.49 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.67 0.00	11.01 0.60 0.00	12.80 0.76 0.00	14.06 0.84 0.00	14.44 0.87 0.00	12.50 0.83 0.00	15.74 1.14 0.00	18.16 1.32 0.00	20.71 1.51 0.00	26.86 1.92 0.00	31.77 2.22 0.00	30.18 1.90 0.00	28.59 1.83 0.00	23.44 1.43 0.00	18.38 1.07 0.00	16.41 0.90 0.00
RAVENSWOOD_GT3_3 24250	18.52 1.02 0.00	17.31 0.96 0.00	12.97 0.73 0.00	8.92 0.50 0.00	13.52 0.74 0.00	16.92 0.86 0.00	16.45 0.81 0.00	12.95 0.71 0.00	12.64 0.68 0.00	11.02 0.62 0.00	12.82 0.78 0.00	14.08 0.86 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.76 1.16 0.00	18.19 1.36 0.00	20.75 1.55 0.00	26.91 1.97 0.00	31.82 2.27 0.00	30.23 1.95 0.00	28.63 1.87 0.00	23.48 1.47 0.00	18.41 1.10 0.00	16.43 0.93 0.00
RAVENSWOOD_GT3_4 24251	18.52 1.02 0.00	17.31 0.96 0.00	12.97 0.73 0.00	8.92 0.50 0.00	13.52 0.74 0.00	16.92 0.86 0.00	16.45 0.81 0.00	12.95 0.71 0.00	12.64 0.68 0.00	11.02 0.62 0.00	12.82 0.78 0.00	14.08 0.86 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.76 1.16 0.00	18.19 1.36 0.00	20.75 1.55 0.00	26.91 1.97 0.00	31.82 2.27 0.00	30.23 1.95 0.00	28.63 1.87 0.00	23.48 1.47 0.00	18.41 1.10 0.00	16.43 0.93 0.00
RAVENSWOOD_GT_1 23729	18.54 1.04 0.00	17.33 0.98 0.00	12.99 0.75 0.00	8.93 0.51 0.00	13.54 0.75 0.00	16.93 0.87 0.00	16.46 0.83 0.00	12.97 0.72 0.00	12.66 0.70 0.00	11.04 0.63 0.00	12.84 0.80 0.00	14.11 0.88 0.00	14.49 0.92 0.00	12.53 0.87 0.00	15.79 1.19 0.00	18.21 1.37 0.00	20.78 1.57 0.00	26.95 2.01 0.00	37.82 2.31 -5.96	30.26 1.98 0.00	28.68 1.92 0.00	23.51 1.50 0.00	18.42 1.12 0.00	16.45 0.95 0.00
RAVENSWOOD_GT_10 24258	18.49 0.99 0.00	17.28 0.94 0.00	12.95 0.71 0.00	8.91 0.49 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.67 0.00	11.01 0.60 0.00	12.80 0.76 0.00	14.06 0.84 0.00	14.44 0.87 0.00	12.50 0.83 0.00	15.74 1.14 0.00	18.16 1.32 0.00	20.71 1.51 0.00	26.87 1.93 0.00	32.51 2.22 -0.74	30.18 1.90 0.00	28.59 1.83 0.00	23.45 1.43 0.00	18.38 1.08 0.00	16.41 0.91 0.00
RAVENSWOOD_GT_11 24259	18.49 0.99 0.00	17.28 0.94 0.00	12.95 0.71 0.00	8.91 0.49 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.67 0.00	11.01 0.60 0.00	12.80 0.76 0.00	14.06 0.84 0.00	14.44 0.87 0.00	12.50 0.83 0.00	15.74 1.14 0.00	18.16 1.32 0.00	20.71 1.51 0.00	26.87 1.93 0.00	32.51 2.22 -0.74	30.18 1.90 0.00	28.59 1.83 0.00	23.45 1.43 0.00	18.38 1.08 0.00	16.41 0.91 0.00
RAVENSWOOD_GT_4 24252	18.49 0.99 0.00	17.28 0.93 0.00	12.95 0.71 0.00	8.91 0.48 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.66 0.00	11.00 0.60 0.00	12.80 0.75 0.00	14.06 0.84 0.00	14.44 0.87 0.00	12.49 0.83 0.00	15.73 1.13 0.00	18.16 1.32 0.00	20.71 1.51 0.00	26.86 1.92 0.00	36.21 2.21 -4.45	30.18 1.90 0.00	28.59 1.83 0.00	23.44 1.43 0.00	18.38 1.07 0.00	16.40 0.90 0.00
RAVENSWOOD_GT_5 24254	18.49 0.99 0.00	17.28 0.93 0.00	12.95 0.71 0.00	8.91 0.48 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.66 0.00	11.00 0.60 0.00	12.80 0.75 0.00	14.06 0.84 0.00	14.44 0.87 0.00	12.49 0.83 0.00	15.73 1.13 0.00	18.16 1.32 0.00	20.71 1.51 0.00	26.86 1.92 0.00	36.21 2.21 -4.45	30.18 1.90 0.00	28.59 1.83 0.00	23.44 1.43 0.00	18.38 1.07 0.00	16.40 0.90 0.00
RAVENSWOOD_GT_6 24253	18.49 0.99 0.00	17.28 0.93 0.00	12.95 0.71 0.00	8.91 0.48 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.66 0.00	11.00 0.60 0.00	12.80 0.75 0.00	14.06 0.84 0.00	14.44 0.87 0.00	12.49 0.83 0.00	15.73 1.13 0.00	18.16 1.32 0.00	20.71 1.51 0.00	26.86 1.92 0.00	36.21 2.21 -4.45	30.18 1.90 0.00	28.59 1.83 0.00	23.44 1.43 0.00	18.38 1.07 0.00	16.40 0.90 0.00
RAVENSWOOD_GT_7 24255	18.49 0.99 0.00	17.28 0.93 0.00	12.95 0.71 0.00	8.91 0.48 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.66 0.00	11.00 0.60 0.00	12.80 0.75 0.00	14.06 0.84 0.00	14.44 0.87 0.00	12.49 0.83 0.00	15.73 1.13 0.00	18.16 1.32 0.00	20.71 1.51 0.00	26.86 1.92 0.00	36.21 2.21 -4.45	30.18 1.90 0.00	28.59 1.83 0.00	23.44 1.43 0.00	18.38 1.07 0.00	16.40 0.90 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.49 0.99 0.00	17.28 0.94 0.00	12.95 0.71 0.00	8.91 0.49 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.67 0.00	11.01 0.60 0.00	12.80 0.76 0.00	14.06 0.84 0.00	14.44 0.87 0.00	12.50 0.83 0.00	15.74 1.14 0.00	18.16 1.32 0.00	20.71 1.51 0.00	26.87 1.93 0.00	32.51 2.22 -0.74	30.18 1.90 0.00	28.59 1.83 0.00	23.45 1.43 0.00	18.38 1.08 0.00	16.41 0.91 0.00
RAVENSWOOD_GT_9 24257	18.49 0.99 0.00	17.28 0.94 0.00	12.95 0.71 0.00	8.91 0.49 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.67 0.00	11.01 0.60 0.00	12.80 0.76 0.00	14.06 0.84 0.00	14.44 0.87 0.00	12.50 0.83 0.00	15.74 1.14 0.00	18.16 1.32 0.00	20.71 1.51 0.00	26.87 1.93 0.00	32.51 2.22 -0.74	30.18 1.90 0.00	28.59 1.83 0.00	23.45 1.43 0.00	18.38 1.08 0.00	16.41 0.91 0.00

RAVENSWOOD___1 23533	18.50 1.00 0.00	17.29 0.94 0.00	12.96 0.72 0.00	8.92 0.49 0.00	13.52 0.73 0.00	16.90 0.84 0.00	16.43 0.80 0.00	12.94 0.70 0.00	12.63 0.68 0.00	11.03 0.62 0.00	12.82 0.78 0.00	14.08 0.86 0.00	14.47 0.89 0.00	12.51 0.84 0.00	15.76 1.15 0.00	18.18 1.34 0.00	20.73 1.53 0.00	26.89 1.95 0.00	25.95 2.25 5.85	30.21 1.93 0.00	28.62 1.87 0.00	23.46 1.45 0.00	18.39 1.08 0.00	16.42 0.92 0.00
RAVENSWOOD___2 23534	18.50 1.00 0.00	17.29 0.94 0.00	12.96 0.72 0.00	8.92 0.49 0.00	13.52 0.73 0.00	16.90 0.84 0.00	16.43 0.80 0.00	12.94 0.70 0.00	12.63 0.68 0.00	11.03 0.62 0.00	12.82 0.78 0.00	14.08 0.86 0.00	14.47 0.89 0.00	12.51 0.84 0.00	15.76 1.15 0.00	18.18 1.34 0.00	20.73 1.53 0.00	26.89 1.95 0.00	25.95 2.25 5.85	30.21 1.93 0.00	28.62 1.87 0.00	23.46 1.45 0.00	18.39 1.08 0.00	16.42 0.92 0.00
RAVENSWOOD___3 23535	18.50 0.99 0.00	17.28 0.94 0.00	12.95 0.71 0.00	8.91 0.48 0.00	13.51 0.72 0.00	16.90 0.84 0.00	16.42 0.79 0.00	12.93 0.69 0.00	12.62 0.67 0.00	11.01 0.60 0.00	12.80 0.76 0.00	14.06 0.84 0.00	14.45 0.88 0.00	12.49 0.83 0.00	15.74 1.14 0.00	18.16 1.32 0.00	20.71 1.51 0.00	26.87 1.93 0.00	31.77 2.22 0.00	30.18 1.90 0.00	28.59 1.83 0.00	23.44 1.43 0.00	18.38 1.08 0.00	16.41 0.91 0.00
RAVENSWOOD___4 23820	18.50 1.00 0.00	17.29 0.94 0.00	12.96 0.72 0.00	8.92 0.49 0.00	13.52 0.73 0.00	16.90 0.84 0.00	16.43 0.80 0.00	12.94 0.70 0.00	12.63 0.68 0.00	11.03 0.62 0.00	12.82 0.78 0.00	14.08 0.86 0.00	14.47 0.89 0.00	12.51 0.84 0.00	15.76 1.15 0.00	18.18 1.34 0.00	20.73 1.53 0.00	26.89 1.95 0.00	25.95 2.25 5.85	30.21 1.93 0.00	28.62 1.87 0.00	23.46 1.45 0.00	18.39 1.08 0.00	16.42 0.92 0.00
RCPL_TRUST___DRP 24196	18.51 1.00 0.00	17.29 0.94 0.00	12.96 0.72 0.00	8.92 0.49 0.00	13.52 0.73 0.00	16.91 0.85 0.00	16.44 0.80 0.00	12.95 0.70 0.00	12.63 0.68 0.00	11.02 0.61 0.00	12.81 0.77 0.00	14.08 0.85 0.00	14.46 0.89 0.00	12.51 0.84 0.00	15.75 1.15 0.00	18.18 1.35 0.00	20.74 1.54 0.00	26.89 1.95 0.00	31.79 2.24 0.00	30.20 1.92 0.00	28.60 1.85 0.00	23.45 1.44 0.00	18.39 1.08 0.00	16.41 0.91 0.00
RED___ROCHESTER 323720	17.20 -0.19 0.12	16.13 -0.10 0.12	12.03 -0.08 0.12	8.29 -0.07 0.07	12.65 -0.07 0.07	15.91 -0.06 0.09	15.45 -0.12 0.07	12.06 -0.17 0.00	11.77 -0.19 0.00	10.31 -0.10 0.00	11.95 -0.10 0.00	13.19 -0.03 0.00	13.54 -0.03 0.00	11.61 -0.05 0.00	14.55 -0.05 0.00	16.78 -0.06 0.00	19.07 -0.13 0.00	24.65 -0.29 0.00	29.30 -0.25 0.00	27.96 -0.32 0.00	26.21 -0.53 0.02	21.20 -0.38 0.43	16.70 -0.23 0.38	15.12 -0.25 0.13
REGAN___SOLAR 323812	19.01 1.51 0.00	17.74 1.39 0.00	13.23 1.00 0.00	9.10 0.67 0.00	13.81 1.03 0.00	17.44 1.38 0.00	16.80 1.17 0.00	12.75 0.51 0.00	12.12 0.17 0.00	10.51 0.10 0.00	12.08 0.04 0.00	13.24 0.02 0.00	13.58 0.01 0.00	11.71 0.05 0.00	14.70 0.10 0.00	17.07 0.23 0.00	19.64 0.44 0.00	25.99 1.06 0.00	31.84 2.30 0.00	31.27 2.99 0.00	29.73 2.97 0.00	24.43 2.42 0.00	19.12 1.81 0.00	17.05 1.55 0.00
RENSSELAER___COGEN 23796	18.04 0.54 0.00	16.93 0.58 0.00	12.70 0.46 0.00	8.75 0.32 0.00	13.25 0.46 0.00	16.58 0.52 0.00	16.13 0.49 0.00	12.62 0.38 0.00	12.31 0.36 0.00	10.67 0.26 0.00	12.28 0.23 0.00	13.43 0.21 0.00	13.76 0.19 0.00	11.83 0.17 0.00	14.80 0.20 0.00	17.06 0.22 0.00	19.48 0.28 0.00	25.30 0.36 0.00	30.00 0.45 0.00	28.71 0.43 0.00	27.16 0.40 0.00	22.34 0.33 0.00	17.56 0.26 0.00	15.77 0.27 0.00
REPUBLIC_115KV_BARTNBK 55605	19.31 1.81 0.00	18.11 1.77 0.00	13.59 1.35 0.00	9.35 0.92 0.00	14.21 1.42 0.00	17.84 1.78 0.00	17.37 1.74 0.00	13.53 1.29 0.00	13.13 1.17 0.00	11.40 0.99 0.00	13.04 1.00 0.00	14.26 1.04 0.00	14.54 0.97 0.00	12.49 0.83 0.00	15.68 1.08 0.00	18.15 1.32 0.00	21.02 1.82 0.00	27.54 2.60 0.00	32.97 3.42 0.00	31.82 3.54 0.00	30.27 3.51 0.00	24.82 2.81 0.00	19.32 2.02 0.00	17.22 1.72 0.00
REVERE_CPPR_DRP 24186	17.43 0.28 0.35	16.65 0.30 0.00	12.43 0.19 0.00	8.55 0.12 0.00	13.03 0.24 0.00	16.45 0.39 0.00	16.05 0.42 0.00	12.51 0.27 0.00	12.17 0.22 0.00	10.58 0.17 0.00	12.21 0.17 0.00	13.41 0.19 0.00	13.74 0.17 0.00	11.80 0.13 0.00	14.77 0.16 0.00	17.07 0.23 0.00	19.53 0.33 0.00	25.47 0.53 0.00	30.48 0.93 0.00	29.21 0.93 0.00	27.66 0.90 0.00	22.73 0.72 0.00	17.85 0.54 0.00	15.97 0.47 0.00
REYNOLDS_115KV_TB3 80639	18.09 0.58 0.00	16.98 0.63 0.00	12.73 0.50 0.00	8.77 0.35 0.00	13.29 0.51 0.00	16.62 0.57 0.00	16.17 0.54 0.00	12.66 0.41 0.00	12.35 0.40 0.00	10.71 0.30 0.00	12.32 0.28 0.00	13.49 0.27 0.00	13.82 0.25 0.00	11.90 0.23 0.00	14.89 0.29 0.00	17.14 0.31 0.00	19.58 0.38 0.00	25.43 0.49 0.00	30.16 0.61 0.00	28.87 0.59 0.00	27.31 0.55 0.00	22.47 0.46 0.00	17.65 0.34 0.00	15.85 0.35 0.00
RIVERBAY____ 323610	18.59 1.09 0.00	17.32 0.97 0.00	12.98 0.73 0.00	8.93 0.50 0.00	13.52 0.74 0.00	16.91 0.85 0.00	16.44 0.80 0.00	12.95 0.71 0.00	12.62 0.67 0.00	11.01 0.60 0.00	12.79 0.75 0.00	14.05 0.83 0.00	14.43 0.86 0.00	12.48 0.82 0.00	15.73 1.13 0.00	18.16 1.32 0.00	20.71 1.51 0.00	26.87 1.93 0.00	31.79 2.25 0.00	30.23 1.95 0.00	28.69 1.93 0.00	23.51 1.49 0.00	18.42 1.12 0.00	16.45 0.95 0.00
RIVERSDE_115KV_TB3 55908	18.08 0.58 0.00	16.97 0.62 0.00	12.73 0.49 0.00	8.77 0.34 0.00	13.28 0.50 0.00	16.62 0.56 0.00	16.17 0.54 0.00	12.65 0.41 0.00	12.34 0.39 0.00	10.70 0.29 0.00	12.31 0.27 0.00	13.48 0.25 0.00	13.81 0.23 0.00	11.87 0.21 0.00	14.86 0.26 0.00	17.12 0.28 0.00	19.56 0.36 0.00	25.40 0.46 0.00	30.13 0.58 0.00	28.83 0.54 0.00	27.27 0.50 0.00	22.43 0.42 0.00	17.62 0.32 0.00	15.83 0.32 0.00
ROARING___BROOK_WT_PWR 323790	11.87 -0.86 4.76	15.95 -0.40 0.00	11.92 -0.32 0.00	8.22 -0.21 0.00	12.52 -0.27 0.00	15.87 -0.19 0.00	15.53 -0.10 0.00	12.17 -0.07 0.00	11.91 -0.05 0.00	10.37 -0.04 0.00	12.00 -0.04 0.00	13.18 -0.04 0.00	13.53 -0.04 0.00	11.63 -0.04 0.00	14.54 -0.06 0.00	16.77 -0.07 0.00	19.11 -0.09 0.00	24.84 -0.10 0.00	29.41 -0.14 0.00	28.20 -0.09 0.00	26.69 -0.07 0.00	21.91 -0.10 0.00	17.23 -0.07 0.00	15.44 -0.06 0.00
ROCHESRG_115KV_T4 355643	17.17 -0.33 0.00	16.13 -0.22 0.00	12.07 -0.17 0.00	8.30 -0.13 0.00	12.63 -0.16 0.00	15.88 -0.18 0.00	15.40 -0.23 0.00	11.98 -0.26 0.00	11.68 -0.27 0.00	10.23 -0.18 0.00	11.85 -0.19 0.00	13.08 -0.14 0.00	13.42 -0.14 0.00	11.51 -0.16 0.00	14.41 -0.19 0.00	16.61 -0.23 0.00	18.87 -0.33 0.00	24.41 -0.53 0.00	28.97 -0.58 0.00	27.64 -0.64 0.00	25.94 -0.82 0.00	21.39 -0.62 0.00	16.89 -0.41 0.00	15.11 -0.39 0.00

ROCHESTER_9_IC 23652	17.26 -0.24 0.00	16.20 -0.15 0.00	12.12 -0.12 0.00	8.33 -0.09 0.00	12.68 -0.10 0.00	15.95 -0.10 0.00	15.47 -0.17 0.00	12.03 -0.21 0.00	11.73 -0.22 0.00	10.28 -0.13 0.00	11.91 -0.13 0.00	13.14 -0.08 0.00	13.49 -0.08 0.00	11.56 -0.10 0.00	14.49 -0.11 0.00	16.71 -0.13 0.00	18.98 -0.22 0.00	24.54 -0.40 0.00	29.15 -0.40 0.00	27.81 -0.47 0.00	26.10 -0.66 0.00	21.52 -0.49 0.00	17.00 -0.31 0.00	15.19 -0.31 0.00
ROCKVIEW_13_KV_LD 356306	18.50 1.00 0.00	17.29 0.94 0.00	12.95 0.71 0.00	8.92 0.49 0.00	13.51 0.73 0.00	16.90 0.84 0.00	16.43 0.79 0.00	12.93 0.69 0.00	12.62 0.67 0.00	11.01 0.60 0.00	12.79 0.75 0.00	14.05 0.83 0.00	14.44 0.87 0.00	12.49 0.83 0.00	15.73 1.13 0.00	18.16 1.32 0.00	20.72 1.51 0.00	26.88 1.94 0.00	31.80 2.25 0.00	30.22 1.94 0.00	28.60 1.84 0.00	23.46 1.45 0.00	18.39 1.08 0.00	16.42 0.92 0.00
ROME____115KV_TB2 80656	17.43 0.28 0.35	16.65 0.30 0.00	12.43 0.19 0.00	8.55 0.12 0.00	13.03 0.24 0.00	16.45 0.39 0.00	16.05 0.42 0.00	12.51 0.27 0.00	12.17 0.22 0.00	10.58 0.17 0.00	12.21 0.17 0.00	13.41 0.19 0.00	13.74 0.17 0.00	11.80 0.13 0.00	14.77 0.16 0.00	17.07 0.23 0.00	19.53 0.33 0.00	25.47 0.53 0.00	30.48 0.93 0.00	29.21 0.93 0.00	27.66 0.90 0.00	22.73 0.72 0.00	17.85 0.54 0.00	15.97 0.47 0.00
ROSETON____1 23587	18.24 0.74 0.00	17.07 0.72 0.00	12.79 0.55 0.00	8.81 0.38 0.00	13.34 0.56 0.00	16.70 0.64 0.00	16.25 0.61 0.00	12.77 0.53 0.00	12.46 0.51 0.00	10.85 0.44 0.00	12.58 0.54 0.00	13.81 0.59 0.00	14.17 0.60 0.00	12.25 0.58 0.00	15.40 0.80 0.00	17.78 0.94 0.00	20.27 1.07 0.00	26.30 1.37 0.00	31.16 1.61 0.00	29.69 1.40 0.00	28.08 1.32 0.00	23.04 1.03 0.00	18.07 0.76 0.00	16.15 0.66 0.00
ROSETON____2 23588	18.24 0.74 0.00	17.07 0.72 0.00	12.79 0.55 0.00	8.81 0.38 0.00	13.34 0.56 0.00	16.70 0.64 0.00	16.25 0.61 0.00	12.77 0.53 0.00	12.46 0.51 0.00	10.85 0.44 0.00	12.58 0.54 0.00	13.81 0.59 0.00	14.17 0.60 0.00	12.25 0.58 0.00	15.40 0.80 0.00	17.78 0.94 0.00	20.27 1.07 0.00	26.30 1.37 0.00	31.16 1.61 0.00	29.69 1.40 0.00	28.08 1.32 0.00	23.04 1.03 0.00	18.07 0.76 0.00	16.15 0.66 0.00
ROTTDAM_115KV_TB3 80664	18.04 0.54 0.00	16.91 0.56 0.00	12.67 0.43 0.00	8.73 0.30 0.00	13.23 0.44 0.00	16.59 0.53 0.00	16.14 0.50 0.00	12.63 0.38 0.00	12.30 0.35 0.00	10.69 0.28 0.00	12.33 0.29 0.00	13.52 0.30 0.00	13.86 0.29 0.00	11.94 0.28 0.00	14.98 0.38 0.00	17.27 0.44 0.00	19.75 0.55 0.00	25.70 0.76 0.00	30.54 0.99 0.00	29.24 0.96 0.00	27.67 0.91 0.00	22.75 0.74 0.00	17.85 0.54 0.00	15.98 0.48 0.00
RUSSELL____1 23602	17.32 -0.19 0.00	16.25 -0.09 0.00	12.16 -0.08 0.00	8.36 -0.07 0.00	12.72 -0.07 0.00	16.00 -0.06 0.00	15.52 -0.12 0.00	12.07 -0.17 0.00	11.76 -0.19 0.00	10.31 -0.10 0.00	11.95 -0.09 0.00	13.19 -0.03 0.00	13.54 -0.03 0.00	11.61 -0.05 0.00	14.55 -0.05 0.00	16.78 -0.06 0.00	19.07 -0.13 0.00	24.65 -0.29 0.00	29.30 -0.25 0.00	27.96 -0.32 0.00	26.23 -0.53 0.00	21.63 -0.38 0.00	17.07 -0.23 0.00	15.25 -0.25 0.00
RUSSELL____2 23532	17.32 -0.19 0.00	16.25 -0.09 0.00	12.16 -0.08 0.00	8.36 -0.07 0.00	12.72 -0.07 0.00	16.00 -0.06 0.00	15.52 -0.12 0.00	12.07 -0.17 0.00	11.76 -0.19 0.00	10.31 -0.10 0.00	11.95 -0.09 0.00	13.19 -0.03 0.00	13.54 -0.03 0.00	11.61 -0.05 0.00	14.55 -0.05 0.00	16.78 -0.06 0.00	19.07 -0.13 0.00	24.65 -0.29 0.00	29.30 -0.25 0.00	27.96 -0.32 0.00	26.23 -0.53 0.00	21.63 -0.38 0.00	17.07 -0.23 0.00	15.25 -0.25 0.00
RUSSELL____3 23549	17.32 -0.19 0.00	16.25 -0.09 0.00	12.16 -0.08 0.00	8.36 -0.07 0.00	12.72 -0.07 0.00	16.00 -0.06 0.00	15.52 -0.12 0.00	12.07 -0.17 0.00	11.76 -0.19 0.00	10.31 -0.10 0.00	11.95 -0.09 0.00	13.19 -0.03 0.00	13.54 -0.03 0.00	11.61 -0.05 0.00	14.55 -0.05 0.00	16.78 -0.06 0.00	19.07 -0.13 0.00	24.65 -0.29 0.00	29.30 -0.25 0.00	27.96 -0.32 0.00	26.23 -0.53 0.00	21.63 -0.38 0.00	17.07 -0.23 0.00	15.25 -0.25 0.00
RUSSELL____4 23556	17.32 -0.19 0.00	16.25 -0.09 0.00	12.16 -0.08 0.00	8.36 -0.07 0.00	12.72 -0.07 0.00	16.00 -0.06 0.00	15.52 -0.12 0.00	12.07 -0.17 0.00	11.76 -0.19 0.00	10.31 -0.10 0.00	11.95 -0.09 0.00	13.19 -0.03 0.00	13.54 -0.03 0.00	11.61 -0.05 0.00	14.55 -0.05 0.00	16.78 -0.06 0.00	19.07 -0.13 0.00	24.65 -0.29 0.00	29.30 -0.25 0.00	27.96 -0.32 0.00	26.23 -0.53 0.00	21.63 -0.38 0.00	17.07 -0.23 0.00	15.25 -0.25 0.00
RUSSELL____STATION 23914	17.32 -0.19 0.00	16.25 -0.09 0.00	12.16 -0.08 0.00	8.36 -0.07 0.00	12.72 -0.07 0.00	16.00 -0.06 0.00	15.52 -0.12 0.00	12.07 -0.17 0.00	11.76 -0.19 0.00	10.31 -0.10 0.00	11.95 -0.09 0.00	13.19 -0.03 0.00	13.54 -0.03 0.00	11.61 -0.05 0.00	14.55 -0.05 0.00	16.78 -0.06 0.00	19.07 -0.13 0.00	24.65 -0.29 0.00	29.30 -0.25 0.00	27.96 -0.32 0.00	26.23 -0.53 0.00	21.63 -0.38 0.00	17.07 -0.23 0.00	15.25 -0.25 0.00
S SALMON____HYD 24043	16.52 -0.48 0.50	15.97 -0.38 0.00	11.92 -0.32 0.00	8.21 -0.22 0.00	12.52 -0.27 0.00	15.88 -0.18 0.00	15.49 -0.15 0.00	12.07 -0.16 0.00	11.76 -0.19 0.00	10.22 -0.19 0.00	11.81 -0.23 0.00	12.98 -0.24 0.00	13.31 -0.26 0.00	11.39 -0.27 0.00	14.23 -0.37 0.00	16.41 -0.42 0.00	18.68 -0.52 0.00	24.31 -0.63 0.00	29.08 -0.47 0.00	27.80 -0.48 0.00	26.35 -0.41 0.00	21.71 -0.30 0.00	17.14 -0.16 0.00	15.41 -0.09 0.00
S.PERRY__115KV_TB1 80734	17.70 0.20 0.00	16.59 0.24 0.00	12.35 0.11 0.00	8.48 0.06 0.00	12.99 0.21 0.00	16.35 0.29 0.00	15.88 0.24 0.00	12.29 0.04 0.00	11.91 -0.05 0.00	10.43 0.02 0.00	12.08 0.04 0.00	13.33 0.11 0.00	13.66 0.09 0.00	11.73 0.07 0.00	14.71 0.10 0.00	16.99 0.15 0.00	19.32 0.12 0.00	25.02 0.08 0.00	29.75 0.20 0.00	28.49 0.21 0.00	26.99 0.23 0.00	22.25 0.24 0.00	17.50 0.20 0.00	15.54 0.03 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.05 -0.45 0.00	16.06 -0.28 0.00	12.02 -0.21 0.00	8.27 -0.16 0.00	12.61 -0.18 0.00	15.87 -0.20 0.00	15.36 -0.28 0.00	11.92 -0.32 0.00	11.61 -0.34 0.00	10.21 -0.20 0.00	11.85 -0.19 0.00	13.10 -0.12 0.00	13.43 -0.14 0.00	11.50 -0.16 0.00	14.42 -0.17 0.00	16.58 -0.26 0.00	18.76 -0.44 0.00	24.27 -0.67 0.00	28.65 -0.90 0.00	27.28 -1.00 0.00	25.49 -1.27 0.00	21.05 -0.96 0.00	16.70 -0.61 0.00	14.89 -0.61 0.00
SAWYER____23_KV_LOAD 55526	17.05 -0.45 0.00	16.06 -0.28 0.00	12.02 -0.21 0.00	8.27 -0.16 0.00	12.61 -0.18 0.00	15.87 -0.20 0.00	15.36 -0.28 0.00	11.92 -0.32 0.00	11.61 -0.34 0.00	10.21 -0.20 0.00	11.85 -0.19 0.00	13.10 -0.12 0.00	13.43 -0.14 0.00	11.50 -0.16 0.00	14.42 -0.17 0.00	16.58 -0.26 0.00	18.76 -0.44 0.00	24.27 -0.67 0.00	28.65 -0.90 0.00	27.28 -1.00 0.00	25.49 -1.27 0.00	21.05 -0.96 0.00	16.70 -0.61 0.00	14.89 -0.61 0.00

SELKIRK___I 23801	18.10 0.60 0.00	16.98 0.63 0.00	12.74 0.50 0.00	8.78 0.35 0.00	13.30 0.52 0.00	16.66 0.60 0.00	16.18 0.55 0.00	12.62 0.38 0.00	12.28 0.32 0.00	10.64 0.23 0.00	12.24 0.20 0.00	13.41 0.18 0.00	13.73 0.16 0.00	11.81 0.15 0.00	14.78 0.18 0.00	17.03 0.19 0.00	19.46 0.26 0.00	25.31 0.37 0.00	30.13 0.58 0.00	28.92 0.64 0.00	27.41 0.65 0.00	22.54 0.52 0.00	17.70 0.40 0.00	15.88 0.38 0.00
SELKIRK___II 23799	18.00 0.50 0.00	16.89 0.54 0.00	12.66 0.43 0.00	8.73 0.30 0.00	13.21 0.43 0.00	16.55 0.49 0.00	16.10 0.46 0.00	12.60 0.36 0.00	12.29 0.33 0.00	10.66 0.25 0.00	12.29 0.24 0.00	13.45 0.23 0.00	13.79 0.22 0.00	11.86 0.20 0.00	14.86 0.25 0.00	17.11 0.28 0.00	19.55 0.35 0.00	25.39 0.45 0.00	30.12 0.57 0.00	28.82 0.54 0.00	27.27 0.51 0.00	22.43 0.42 0.00	17.62 0.31 0.00	15.81 0.31 0.00
SENECA OSWGO___HYD 24041	17.10 -0.25 0.15	16.13 -0.21 0.00	12.07 -0.17 0.00	8.31 -0.12 0.00	12.62 -0.16 0.00	15.87 -0.19 0.00	15.44 -0.19 0.00	12.07 -0.17 0.00	11.76 -0.19 0.00	10.24 -0.17 0.00	11.83 -0.22 0.00	12.99 -0.23 0.00	13.32 -0.25 0.00	11.43 -0.23 0.00	14.27 -0.33 0.00	16.46 -0.37 0.00	18.77 -0.44 0.00	24.37 -0.57 0.00	28.94 -0.61 0.00	27.67 -0.61 0.00	26.16 -0.60 0.00	21.53 -0.48 0.00	16.96 -0.34 0.00	15.26 -0.24 0.00
SENECA___115KV_TB3 355854	17.28 -0.22 0.00	16.26 -0.09 0.00	12.16 -0.08 0.00	8.36 -0.07 0.00	12.78 -0.01 0.00	16.07 0.01 0.00	15.57 -0.07 0.00	12.08 -0.16 0.00	11.77 -0.18 0.00	10.34 -0.06 0.00	12.01 -0.03 0.00	13.28 0.06 0.00	13.60 0.03 0.00	11.66 0.00 0.00	14.62 0.02 0.00	16.82 -0.02 0.00	19.04 -0.17 0.00	24.64 -0.30 0.00	29.11 -0.45 0.00	27.72 -0.56 0.00	25.91 -0.85 0.00	21.37 -0.64 0.00	16.93 -0.37 0.00	15.08 -0.42 0.00
SENECA___ENERGY 23797	17.35 -0.15 0.00	16.22 -0.12 0.00	12.12 -0.12 0.00	8.35 -0.08 0.00	12.72 -0.07 0.00	15.98 -0.08 0.00	15.56 -0.08 0.00	12.14 -0.11 0.00	11.81 -0.14 0.00	10.29 -0.12 0.00	11.90 -0.14 0.00	13.10 -0.12 0.00	13.44 -0.13 0.00	11.53 -0.14 0.00	14.42 -0.18 0.00	16.65 -0.18 0.00	19.01 -0.19 0.00	24.73 -0.21 0.00	29.28 -0.26 0.00	28.03 -0.25 0.00	26.32 -0.44 0.00	21.60 -0.41 0.00	17.01 -0.30 0.00	15.21 -0.29 0.00
SHOEMAKER___GT 23640	18.11 0.61 0.00	16.94 0.59 0.00	12.69 0.45 0.00	8.74 0.31 0.00	13.25 0.46 0.00	16.58 0.52 0.00	16.13 0.50 0.00	12.67 0.43 0.00	12.36 0.41 0.00	10.76 0.35 0.00	12.46 0.42 0.00	13.67 0.45 0.00	14.02 0.45 0.00	12.11 0.45 0.00	15.22 0.62 0.00	17.58 0.75 0.00	20.06 0.86 0.00	26.07 1.13 0.00	30.90 1.35 0.00	29.48 1.20 0.00	27.88 1.12 0.00	22.89 0.88 0.00	17.96 0.66 0.00	16.06 0.56 0.00
SHOEMAKR_138KV_BK 111 55601	18.11 0.61 0.00	16.94 0.59 0.00	12.69 0.44 0.00	8.74 0.31 0.00	13.24 0.45 0.00	16.58 0.52 0.00	16.13 0.49 0.00	12.67 0.43 0.00	12.36 0.41 0.00	10.76 0.36 0.00	12.47 0.43 0.00	13.69 0.47 0.00	14.04 0.47 0.00	12.13 0.46 0.00	15.24 0.64 0.00	17.61 0.77 0.00	20.09 0.88 0.00	26.09 1.15 0.00	30.92 1.37 0.00	29.50 1.22 0.00	27.88 1.12 0.00	22.89 0.88 0.00	17.96 0.66 0.00	16.06 0.56 0.00
SHOREHAM_IC_1 23715	18.97 1.46 0.00	17.60 1.25 0.00	13.20 0.96 0.00	9.15 0.72 0.00	13.86 1.08 0.00	78.72 1.51 -61.14	16.88 1.24 0.00	13.42 1.18 0.00	12.82 0.86 0.00	11.22 0.81 0.00	12.87 0.83 0.00	14.12 0.90 0.00	14.61 1.04 0.00	14.78 1.02 -2.09	25.91 1.42 -9.89	25.76 1.67 -7.25	31.50 1.78 -10.51	234.46 2.50 -207.02	245.38 2.87 -212.95	170.49 2.45 -139.76	36.34 2.25 -7.33	28.08 1.93 -4.14	18.74 1.44 0.00	16.70 1.19 0.00
SHOREHAM_IC_2 23716	18.97 1.46 0.00	17.60 1.25 0.00	13.20 0.96 0.00	9.15 0.72 0.00	13.86 1.08 0.00	78.72 1.51 -61.14	16.88 1.24 0.00	13.42 1.18 0.00	12.82 0.86 0.00	11.22 0.81 0.00	12.87 0.83 0.00	14.12 0.90 0.00	14.61 1.04 0.00	14.78 1.02 -2.09	25.91 1.42 -9.89	25.76 1.67 -7.25	31.50 1.78 -10.51	234.46 2.50 -207.02	245.38 2.87 -212.95	170.49 2.45 -139.76	36.34 2.25 -7.33	28.08 1.93 -4.14	18.74 1.44 0.00	16.70 1.19 0.00
SISSONVILLE____ 23735	11.05 -1.58 4.87	15.78 -0.57 0.00	11.79 -0.45 0.00	8.09 -0.33 0.00	12.31 -0.48 0.00	15.59 -0.47 0.00	15.21 -0.43 0.00	11.88 -0.36 0.00	11.63 -0.32 0.00	10.14 -0.26 0.00	11.75 -0.29 0.00	12.90 -0.32 0.00	13.30 -0.27 0.00	11.38 -0.29 0.00	14.18 -0.42 0.00	16.36 -0.48 0.00	18.70 -0.50 0.00	24.36 -0.58 0.00	28.89 -0.66 0.00	27.84 -0.44 0.00	26.50 -0.26 0.00	21.84 -0.17 0.00	17.13 -0.18 0.00	15.21 -0.29 0.00
SITHE_IND_GS1 24169	17.07 -0.44 0.00	15.97 -0.38 0.00	11.95 -0.29 0.00	8.23 -0.20 0.00	12.49 -0.29 0.00	15.70 -0.36 0.00	15.28 -0.35 0.00	11.95 -0.29 0.00	11.66 -0.29 0.00	10.16 -0.25 0.00	11.75 -0.30 0.00	12.91 -0.31 0.00	13.25 -0.33 0.00	11.35 -0.31 0.00	14.17 -0.43 0.00	16.33 -0.51 0.00	18.59 -0.61 0.00	24.11 -0.83 0.00	28.60 -0.94 0.00	27.36 -0.92 0.00	25.85 -0.91 0.00	21.27 -0.74 0.00	16.78 -0.53 0.00	15.11 -0.39 0.00
SITHE_IND_GS2 24170	17.07 -0.44 0.00	15.97 -0.38 0.00	11.95 -0.29 0.00	8.23 -0.20 0.00	12.49 -0.29 0.00	15.70 -0.36 0.00	15.28 -0.35 0.00	11.95 -0.29 0.00	11.66 -0.29 0.00	10.16 -0.25 0.00	11.75 -0.30 0.00	12.91 -0.31 0.00	13.25 -0.33 0.00	11.35 -0.31 0.00	14.17 -0.43 0.00	16.33 -0.51 0.00	18.59 -0.61 0.00	24.11 -0.83 0.00	28.60 -0.94 0.00	27.36 -0.92 0.00	25.85 -0.91 0.00	21.27 -0.74 0.00	16.78 -0.53 0.00	15.11 -0.39 0.00
SITHE_IND_GS3 24171	17.07 -0.44 0.00	15.97 -0.38 0.00	11.95 -0.29 0.00	8.23 -0.20 0.00	12.49 -0.29 0.00	15.70 -0.36 0.00	15.28 -0.35 0.00	11.95 -0.29 0.00	11.66 -0.29 0.00	10.16 -0.25 0.00	11.75 -0.30 0.00	12.91 -0.31 0.00	13.25 -0.33 0.00	11.35 -0.31 0.00	14.17 -0.43 0.00	16.33 -0.51 0.00	18.59 -0.61 0.00	24.11 -0.83 0.00	28.60 -0.94 0.00	27.36 -0.92 0.00	25.85 -0.91 0.00	21.27 -0.74 0.00	16.78 -0.53 0.00	15.11 -0.39 0.00
SITHE_IND_GS4 24172	17.07 -0.44 0.00	15.97 -0.38 0.00	11.95 -0.29 0.00	8.23 -0.20 0.00	12.49 -0.29 0.00	15.70 -0.36 0.00	15.28 -0.35 0.00	11.95 -0.29 0.00	11.66 -0.29 0.00	10.16 -0.25 0.00	11.75 -0.30 0.00	12.91 -0.31 0.00	13.25 -0.33 0.00	11.35 -0.31 0.00	14.17 -0.43 0.00	16.33 -0.51 0.00	18.59 -0.61 0.00	24.11 -0.83 0.00	28.60 -0.94 0.00	27.36 -0.92 0.00	25.85 -0.91 0.00	21.27 -0.74 0.00	16.78 -0.53 0.00	15.11 -0.39 0.00
SITHE___BATAVIA 24024	17.21 -0.11 0.18	16.15 -0.01 0.20	12.03 -0.01 0.19	8.29 -0.02 0.12	12.69 0.02 0.11	15.97 0.05 0.14	15.49 -0.04 0.11	12.08 -0.16 0.01	11.76 -0.19 0.00	10.30 -0.11 0.00	11.90 -0.14 0.00	13.15 -0.07 0.00	13.49 -0.08 0.00	11.57 -0.09 0.00	14.52 -0.08 0.00	16.74 -0.09 0.00	19.00 -0.20 0.00	24.78 -0.15 0.00	29.33 -0.22 0.00	27.99 -0.30 0.00	26.19 -0.54 0.04	20.97 -0.36 0.68	16.52 -0.19 0.59	15.05 -0.25 0.20

SITHE___INDEPEND 23800	17.07 -0.44 0.00	15.97 -0.38 0.00	11.95 -0.29 0.00	8.23 -0.20 0.00	12.49 -0.29 0.00	15.70 -0.36 0.00	15.28 -0.35 0.00	11.95 -0.29 0.00	11.66 -0.29 0.00	10.16 -0.25 0.00	11.75 -0.30 0.00	12.91 -0.31 0.00	13.25 -0.33 0.00	11.35 -0.31 0.00	14.17 -0.43 0.00	16.33 -0.51 0.00	18.59 -0.61 0.00	24.11 -0.83 0.00	28.60 -0.94 0.00	27.36 -0.92 0.00	25.85 -0.91 0.00	21.27 -0.74 0.00	16.78 -0.53 0.00	15.11 -0.39 0.00
SITHE___MASSENA 23902	10.31 -1.33 5.86	16.09 -0.25 0.00	12.04 -0.20 0.00	8.27 -0.16 0.00	12.56 -0.22 0.00	15.85 -0.21 0.00	15.44 -0.19 0.00	12.08 -0.16 0.00	11.83 -0.12 0.00	10.32 -0.08 0.00	11.96 -0.08 0.00	13.14 -0.08 0.00	13.53 -0.04 0.00	11.59 -0.07 0.00	14.46 -0.14 0.00	16.68 -0.16 0.00	19.04 -0.17 0.00	24.76 -0.18 0.00	29.25 -0.30 0.00	28.13 -0.15 0.00	26.74 -0.02 0.00	22.03 0.02 0.00	17.30 -0.01 0.00	15.37 -0.12 0.00
SITHE___OGDNSBRG 24021	10.98 -1.26 5.25	16.14 -0.21 0.00	12.07 -0.17 0.00	8.28 -0.14 0.00	12.59 -0.20 0.00	15.91 -0.15 0.00	15.50 -0.14 0.00	12.06 -0.19 0.00	11.79 -0.16 0.00	10.27 -0.13 0.00	11.89 -0.15 0.00	13.05 -0.17 0.00	13.45 -0.12 0.00	11.51 -0.15 0.00	14.35 -0.25 0.00	16.56 -0.28 0.00	18.95 -0.25 0.00	24.66 -0.28 0.00	29.27 -0.28 0.00	28.33 0.04 0.00	27.04 0.27 0.00	22.29 0.27 0.00	17.48 0.17 0.00	15.50 0.00 0.00
SITHE___STERLING 23777	17.54 0.26 0.22	16.63 0.28 0.00	12.42 0.19 0.00	8.55 0.12 0.00	13.00 0.22 0.00	16.38 0.32 0.00	15.97 0.34 0.00	12.45 0.21 0.00	12.12 0.17 0.00	10.55 0.13 0.00	12.18 0.14 0.00	13.38 0.16 0.00	13.71 0.14 0.00	11.77 0.11 0.00	14.74 0.14 0.00	17.04 0.20 0.00	19.47 0.27 0.00	25.36 0.42 0.00	30.25 0.70 0.00	29.00 0.72 0.00	27.44 0.68 0.00	22.56 0.55 0.00	17.72 0.41 0.00	15.86 0.36 0.00
SLEIGHT__34_KV_TB1 80719	17.21 -0.28 0.00	16.12 -0.23 0.00	12.05 -0.19 0.00	8.30 -0.13 0.00	12.61 -0.17 0.00	15.87 -0.19 0.00	15.43 -0.21 0.00	12.02 -0.22 0.00	11.72 -0.24 0.00	10.22 -0.18 0.00	11.84 -0.20 0.00	13.05 -0.17 0.00	13.39 -0.18 0.00	11.47 -0.19 0.00	14.37 -0.23 0.00	16.59 -0.25 0.00	18.92 -0.28 0.00	24.57 -0.37 0.00	29.17 -0.38 0.00	27.86 -0.42 0.00	26.19 -0.57 0.00	21.57 -0.44 0.00	16.99 -0.31 0.00	15.19 -0.31 0.00
SOUTH CAIRO___GT 23612	18.62 1.12 0.00	17.47 1.12 0.00	13.09 0.85 0.00	9.02 0.59 0.00	13.65 0.87 0.00	17.12 1.06 0.00	16.64 1.01 0.00	12.96 0.72 0.00	12.55 0.60 0.00	10.82 0.41 0.00	12.39 0.35 0.00	13.53 0.31 0.00	13.86 0.29 0.00	11.91 0.24 0.00	14.90 0.31 0.00	17.20 0.36 0.00	19.76 0.56 0.00	25.84 0.90 0.00	30.93 1.38 0.00	29.86 1.58 0.00	28.33 1.56 0.00	23.27 1.26 0.00	18.22 0.91 0.00	16.31 0.81 0.00
SOUTH HAMPTN___IC 23720	19.06 1.55 0.00	17.64 1.30 0.00	13.30 1.06 0.00	9.31 0.88 0.00	14.12 1.34 0.00	80.14 1.63 -62.45	16.87 1.23 0.00	13.49 1.25 0.00	12.92 0.97 0.00	11.33 0.92 0.00	13.14 1.10 0.00	14.48 1.26 0.00	14.99 1.42 0.00	15.11 1.35 -2.09	26.34 1.85 -9.89	26.26 2.17 -7.25	31.95 2.23 -10.51	238.90 3.19 -210.76	250.33 3.65 -217.13	174.13 3.11 -142.73	36.69 2.60 -7.33	28.41 2.26 -4.14	18.96 1.66 0.00	16.86 1.36 0.00
SOUTHDOW__115KV_TB1 355954	17.75 0.25 0.00	16.70 0.35 0.00	12.55 0.31 0.00	8.63 0.20 0.00	13.24 0.46 0.00	16.64 0.58 0.00	16.17 0.53 0.00	12.58 0.34 0.00	12.19 0.24 0.00	10.71 0.30 0.00	12.46 0.42 0.00	13.77 0.55 0.00	14.07 0.50 0.00	12.08 0.41 0.00	15.18 0.58 0.00	17.53 0.69 0.00	19.84 0.64 0.00	25.59 0.65 0.00	30.26 0.72 0.00	28.85 0.57 0.00	26.96 0.20 0.00	22.08 0.06 0.00	17.40 0.09 0.00	15.36 -0.14 0.00
SOUTHOLD_69_KV_BK 2 55809	19.04 1.54 0.00	17.62 1.28 0.00	13.36 1.12 0.00	9.39 0.96 0.00	14.18 1.40 0.00	79.85 1.39 -62.41	16.66 1.02 0.00	13.37 1.13 0.00	12.76 0.81 0.00	11.21 0.80 0.00	13.26 1.22 0.00	14.61 1.39 0.00	15.12 1.55 0.00	15.22 1.46 -2.09	26.49 2.00 -9.89	26.43 2.34 -7.25	31.85 2.14 -10.51	239.07 3.49 -210.64	250.49 3.95 -216.99	174.23 3.31 -142.63	36.38 2.30 -7.32	28.56 2.41 -4.14	19.01 1.71 0.00	16.89 1.39 0.00
SOUTHOLD___IC 23719	19.04 1.54 0.00	17.63 1.28 0.00	13.36 1.12 0.00	9.39 0.96 0.00	14.18 1.40 0.00	79.85 1.39 -62.41	16.66 1.02 0.00	13.37 1.13 0.00	12.76 0.81 0.00	11.21 0.80 0.00	13.26 1.22 0.00	14.61 1.39 0.00	15.12 1.55 0.00	15.22 1.46 -2.09	26.49 2.00 -9.89	26.43 2.34 -7.25	31.85 2.14 -10.51	239.07 3.49 -210.64	250.49 3.95 -217.00	174.23 3.31 -142.63	36.39 2.30 -7.33	28.56 2.41 -4.14	19.01 1.71 0.00	16.89 1.39 0.00
SOUTH_FORK_WT_PWR 323839	18.86 1.36 0.00	17.42 1.08 0.00	13.28 1.04 0.00	9.42 0.99 0.00	14.23 1.44 0.00	79.93 1.45 -62.43	16.66 1.02 0.00	13.49 1.25 0.00	12.86 0.91 0.00	11.31 0.90 0.00	13.32 1.27 0.00	14.67 1.45 0.00	15.17 1.61 0.00	15.28 1.52 -2.09	26.56 2.07 -9.89	26.48 2.39 -7.25	32.07 2.36 -10.51	239.18 3.53 -210.71	250.56 3.94 -217.07	174.27 3.30 -142.68	36.50 2.41 -7.33	28.41 2.27 -4.14	18.87 1.56 0.00	16.75 1.25 0.00
SPIERFLS_115KV_TB 1 80737	18.50 1.00 0.00	17.39 1.04 0.00	13.04 0.79 0.00	8.98 0.55 0.00	13.61 0.83 0.00	17.09 1.02 0.00	16.63 0.99 0.00	12.99 0.75 0.00	12.64 0.68 0.00	10.96 0.56 0.00	12.54 0.50 0.00	13.73 0.51 0.00	13.98 0.41 0.00	12.05 0.39 0.00	15.17 0.57 0.00	17.51 0.67 0.00	20.24 1.04 0.00	26.46 1.52 0.00	31.64 2.09 0.00	30.40 2.12 0.00	28.78 2.02 0.00	23.62 1.61 0.00	18.46 1.15 0.00	16.50 1.00 0.00
ST LAWRENCE____ 23600	9.83 -1.52 6.16	15.95 -0.40 0.00	11.94 -0.30 0.00	8.20 -0.22 0.00	12.45 -0.34 0.00	15.69 -0.37 0.00	15.28 -0.36 0.00	11.97 -0.27 0.00	11.72 -0.23 0.00	10.23 -0.18 0.00	11.85 -0.19 0.00	13.02 -0.20 0.00	13.40 -0.17 0.00	11.49 -0.17 0.00	14.37 -0.23 0.00	16.57 -0.26 0.00	18.91 -0.29 0.00	24.58 -0.36 0.00	29.01 -0.54 0.00	27.87 -0.41 0.00	26.47 -0.29 0.00	21.81 -0.21 0.00	17.13 -0.18 0.00	15.24 -0.25 0.00
STATE_CA_115KV_115_LB 55624	18.11 0.61 0.00	17.00 0.65 0.00	12.75 0.51 0.00	8.78 0.35 0.00	13.30 0.51 0.00	16.65 0.58 0.00	16.20 0.56 0.00	12.68 0.43 0.00	12.36 0.41 0.00	10.72 0.31 0.00	12.34 0.30 0.00	13.50 0.28 0.00	13.83 0.26 0.00	11.90 0.23 0.00	14.89 0.29 0.00	17.16 0.33 0.00	19.62 0.42 0.00	25.48 0.54 0.00	30.23 0.68 0.00	28.91 0.63 0.00	27.33 0.57 0.00	22.48 0.46 0.00	17.67 0.36 0.00	15.85 0.35 0.00
STATE_ST_34_KV_LOAD 55959	17.58 0.08 0.00	16.40 0.05 0.00	12.28 0.05 0.00	8.47 0.04 0.00	12.88 0.09 0.00	16.19 0.13 0.00	15.77 0.14 0.00	12.28 0.04 0.00	11.98 0.03 0.00	10.39 -0.01 0.00	12.02 -0.02 0.00	13.24 0.02 0.00	13.58 0.01 0.00	11.62 -0.05 0.00	14.52 -0.08 0.00	16.78 -0.06 0.00	19.19 -0.01 0.00	24.97 0.03 0.00	29.70 0.15 0.00	28.44 0.15 0.00	26.81 0.05 0.00	22.04 0.03 0.00	17.35 0.05 0.00	15.55 0.05 0.00

STATION 5_MISC_HYD 23604	17.14 -0.25 0.12	16.07 -0.15 0.12	11.99 -0.12 0.12	8.26 -0.09 0.07	12.61 -0.10 0.07	15.86 -0.11 0.09	15.40 -0.17 0.07	12.03 -0.21 0.00	11.73 -0.22 0.00	10.28 -0.13 0.00	11.91 -0.13 0.00	13.14 -0.08 0.00	13.49 -0.08 0.00	11.57 -0.10 0.00	14.49 -0.11 0.00	16.71 -0.13 0.00	18.98 -0.22 0.00	24.54 -0.40 0.00	29.15 -0.40 0.00	27.82 -0.47 0.00	26.07 -0.66 0.02	21.09 -0.49 0.43	16.62 -0.31 0.38	15.06 -0.31 0.13
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.38 -0.12 0.00	16.29 -0.06 0.00	12.17 -0.07 0.00	8.37 -0.05 0.00	12.75 -0.04 0.00	16.03 -0.03 0.00	15.58 -0.06 0.00	12.14 -0.10 0.00	11.82 -0.13 0.00	10.33 -0.08 0.00	11.95 -0.09 0.00	13.17 -0.05 0.00	13.52 -0.05 0.00	11.59 -0.07 0.00	14.52 -0.08 0.00	16.77 -0.06 0.00	19.11 -0.09 0.00	24.77 -0.17 0.00	29.44 -0.11 0.00	28.14 -0.14 0.00	26.46 -0.30 0.00	21.78 -0.24 0.00	17.15 -0.15 0.00	15.32 -0.18 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	17.19 -0.31 0.00	16.13 -0.22 0.00	12.06 -0.18 0.00	8.30 -0.13 0.00	12.62 -0.16 0.00	15.87 -0.19 0.00	15.40 -0.24 0.00	11.99 -0.26 0.00	11.69 -0.27 0.00	10.23 -0.18 0.00	11.86 -0.18 0.00	13.09 -0.13 0.00	13.44 -0.13 0.00	11.52 -0.14 0.00	14.44 -0.16 0.00	16.65 -0.19 0.00	18.93 -0.27 0.00	24.48 -0.46 0.00	29.09 -0.46 0.00	27.75 -0.52 0.00	26.04 -0.72 0.00	21.47 -0.54 0.00	16.94 -0.36 0.00	15.14 -0.36 0.00
STA_56____34_KV_BUS2 355983	17.19 -0.31 0.00	16.13 -0.22 0.00	12.06 -0.18 0.00	8.30 -0.13 0.00	12.62 -0.16 0.00	15.87 -0.19 0.00	15.40 -0.24 0.00	11.99 -0.26 0.00	11.69 -0.27 0.00	10.23 -0.18 0.00	11.86 -0.18 0.00	13.09 -0.13 0.00	13.44 -0.13 0.00	11.52 -0.14 0.00	14.44 -0.16 0.00	16.65 -0.19 0.00	18.93 -0.27 0.00	24.48 -0.46 0.00	29.09 -0.46 0.00	27.75 -0.52 0.00	26.04 -0.72 0.00	21.47 -0.54 0.00	16.94 -0.36 0.00	15.14 -0.36 0.00
STA_67____115KV_BK2 355882	17.23 -0.28 0.00	16.17 -0.17 0.00	12.10 -0.14 0.00	8.32 -0.11 0.00	12.66 -0.12 0.00	15.93 -0.13 0.00	15.45 -0.19 0.00	12.02 -0.22 0.00	11.71 -0.24 0.00	10.26 -0.15 0.00	11.89 -0.15 0.00	13.12 -0.10 0.00	13.47 -0.10 0.00	11.54 -0.12 0.00	14.46 -0.14 0.00	16.67 -0.16 0.00	18.94 -0.26 0.00	24.49 -0.45 0.00	29.08 -0.47 0.00	27.75 -0.53 0.00	26.04 -0.73 0.00	21.47 -0.54 0.00	16.96 -0.35 0.00	15.16 -0.34 0.00
STA_7____115KV_9TRANS 80674	17.32 -0.19 0.00	16.25 -0.09 0.00	12.16 -0.08 0.00	8.36 -0.07 0.00	12.72 -0.07 0.00	16.00 -0.06 0.00	15.52 -0.12 0.00	12.07 -0.17 0.00	11.76 -0.19 0.00	10.31 -0.10 0.00	11.95 -0.09 0.00	13.19 -0.03 0.00	13.54 -0.03 0.00	11.61 -0.05 0.00	14.55 -0.05 0.00	16.78 -0.06 0.00	19.07 -0.13 0.00	24.65 -0.29 0.00	29.30 -0.25 0.00	27.96 -0.32 0.00	26.23 -0.53 0.00	21.63 -0.38 0.00	17.07 -0.23 0.00	15.25 -0.25 0.00
STA_82____115KV_TB1 80780	17.23 -0.27 0.00	16.18 -0.17 0.00	12.10 -0.14 0.00	8.33 -0.10 0.00	12.67 -0.12 0.00	15.93 -0.13 0.00	15.45 -0.18 0.00	12.02 -0.22 0.00	11.72 -0.24 0.00	10.26 -0.15 0.00	11.89 -0.15 0.00	13.13 -0.10 0.00	13.47 -0.10 0.00	11.55 -0.12 0.00	14.47 -0.13 0.00	16.68 -0.16 0.00	18.95 -0.26 0.00	24.51 -0.43 0.00	29.10 -0.45 0.00	27.76 -0.52 0.00	26.06 -0.70 0.00	21.48 -0.53 0.00	16.96 -0.34 0.00	15.17 -0.33 0.00
STEEL____WIND 323596	16.99 -0.24 0.27	15.95 -0.11 0.29	11.87 -0.09 0.29	8.18 -0.07 0.17	12.60 -0.02 0.16	15.84 -0.01 0.21	15.40 -0.08 0.16	12.06 -0.17 0.01	11.77 -0.19 0.00	10.34 -0.07 0.00	12.00 -0.04 0.00	13.26 0.04 0.00	13.59 0.01 0.00	11.65 -0.01 0.00	14.60 0.00 0.00	16.80 -0.04 0.00	19.02 -0.18 0.00	24.61 -0.33 0.00	29.08 -0.47 0.00	27.70 -0.58 0.00	25.84 -0.87 0.05	20.36 -0.65 1.00	16.05 -0.38 0.87	14.77 -0.43 0.30
STEPHTWN_115KV_BK_2 55603	18.15 0.65 0.00	17.02 0.67 0.00	12.76 0.52 0.00	8.79 0.36 0.00	13.33 0.55 0.00	16.68 0.62 0.00	16.23 0.59 0.00	12.69 0.45 0.00	12.38 0.43 0.00	10.73 0.32 0.00	12.36 0.32 0.00	13.52 0.30 0.00	13.85 0.28 0.00	11.92 0.26 0.00	14.94 0.34 0.00	17.24 0.40 0.00	19.72 0.51 0.00	25.64 0.70 0.00	30.36 0.81 0.00	29.06 0.77 0.00	27.49 0.73 0.00	22.57 0.56 0.00	17.75 0.44 0.00	15.91 0.41 0.00
STEUBEN_REC_LFGE 323667	17.56 0.05 0.00	16.41 0.06 0.00	12.13 -0.11 0.00	8.28 -0.14 0.00	12.85 0.07 0.00	16.20 0.14 0.00	15.81 0.18 0.00	12.37 0.13 0.00	12.01 0.05 0.00	10.49 0.08 0.00	12.15 0.11 0.00	13.39 0.16 0.00	13.70 0.13 0.00	11.75 0.09 0.00	14.75 0.15 0.00	17.06 0.22 0.00	19.41 0.20 0.00	25.16 0.22 0.00	29.86 0.31 0.00	28.57 0.29 0.00	26.84 0.08 0.00	21.96 -0.05 0.00	17.12 -0.18 0.00	15.11 -0.39 0.00
STILLWATER____SOLAR 323814	18.36 0.86 0.00	17.23 0.88 0.00	12.92 0.67 0.00	8.90 0.47 0.00	13.49 0.70 0.00	16.91 0.85 0.00	16.45 0.81 0.00	12.85 0.61 0.00	12.50 0.55 0.00	10.84 0.43 0.00	12.45 0.41 0.00	13.64 0.42 0.00	13.96 0.39 0.00	12.03 0.36 0.00	15.11 0.50 0.00	17.42 0.58 0.00	20.00 0.80 0.00	26.10 1.16 0.00	31.10 1.55 0.00	29.83 1.55 0.00	28.22 1.46 0.00	23.20 1.19 0.00	18.17 0.87 0.00	16.27 0.77 0.00
STONY____BROOK 24151	19.07 1.56 0.00	17.71 1.36 0.00	13.26 1.01 0.00	9.16 0.73 0.00	13.87 1.09 0.00	76.21 1.45 -58.71	16.83 1.19 0.00	13.37 1.13 0.00	12.86 0.90 0.00	11.26 0.85 0.00	13.07 1.02 0.00	14.34 1.12 0.00	14.83 1.26 0.00	14.96 1.20 -2.09	26.13 1.64 -9.89	26.01 1.91 -7.25	31.69 1.97 -10.51	227.60 2.62 -200.04	237.68 2.97 -205.16	165.02 2.52 -134.22	36.58 2.49 -7.33	28.30 2.15 -4.14	18.90 1.59 0.00	16.85 1.34 0.00
STURGEON_POOL_HYD 23609	18.19 0.69 0.00	17.00 0.65 0.00	12.74 0.50 0.00	8.78 0.35 0.00	13.29 0.51 0.00	16.63 0.57 0.00	16.19 0.55 0.00	12.75 0.50 0.00	12.46 0.50 0.00	10.86 0.45 0.00	12.62 0.58 0.00	13.86 0.64 0.00	14.24 0.67 0.00	12.33 0.67 0.00	15.53 0.92 0.00	17.94 1.10 0.00	20.44 1.24 0.00	26.54 1.60 0.00	31.41 1.86 0.00	29.88 1.60 0.00	28.23 1.47 0.00	23.14 1.13 0.00	18.13 0.82 0.00	16.19 0.69 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.19 0.69 0.00	17.01 0.66 0.00	12.74 0.50 0.00	8.77 0.34 0.00	13.29 0.51 0.00	16.64 0.58 0.00	16.18 0.55 0.00	12.72 0.48 0.00	12.42 0.47 0.00	10.82 0.41 0.00	12.55 0.51 0.00	13.79 0.56 0.00	14.14 0.57 0.00	12.23 0.56 0.00	15.38 0.78 0.00	17.77 0.93 0.00	20.27 1.07 0.00	26.31 1.37 0.00	31.18 1.63 0.00	29.71 1.42 0.00	28.07 1.31 0.00	23.02 1.01 0.00	18.05 0.74 0.00	16.13 0.63 0.00
SWANROAD_115KV_TB1 355699	16.73 -0.78 0.00	15.75 -0.60 0.00	11.80 -0.44 0.00	8.11 -0.32 0.00	12.34 -0.45 0.00	15.55 -0.51 0.00	15.03 -0.60 0.00	11.66 -0.58 0.00	11.36 -0.59 0.00	9.99 -0.42 0.00	11.57 -0.47 0.00	12.80 -0.42 0.00	13.13 -0.44 0.00	11.25 -0.41 0.00	14.11 -0.49 0.00	16.17 -0.66 0.00	18.28 -0.92 0.00	23.68 -1.26 0.00	27.95 -1.60 0.00	26.63 -1.65 0.00	24.85 -1.91 0.00	20.55 -1.46 0.00	16.32 -0.99 0.00	14.58 -0.92 0.00

SYNERGY___BIOGAS 323694	17.21 -0.11 0.18	16.15 -0.01 0.20	12.03 -0.01 0.19	8.29 -0.02 0.12	12.69 0.02 0.11	15.97 0.05 0.14	15.49 -0.04 0.11	12.08 -0.16 0.01	11.76 -0.19 0.00	10.30 -0.11 0.00	11.90 -0.14 0.00	13.15 -0.07 0.00	13.49 -0.08 0.00	11.57 -0.09 0.00	14.52 -0.08 0.00	16.74 -0.09 0.00	19.00 -0.20 0.00	24.78 -0.15 0.00	29.33 -0.22 0.00	27.99 -0.30 0.00	26.19 -0.54 0.04	20.97 -0.36 0.68	16.52 -0.19 0.59	15.05 -0.25 0.20
SYRACUSE___ENERGY_ST1 323597	17.33 -0.06 0.10	16.31 -0.04 0.00	12.19 -0.05 0.00	8.40 -0.03 0.00	12.76 -0.02 0.00	16.04 -0.02 0.00	15.63 -0.01 0.00	12.21 -0.03 0.00	11.91 -0.04 0.00	10.37 -0.04 0.00	11.99 -0.06 0.00	13.18 -0.05 0.00	13.52 -0.05 0.00	11.59 -0.07 0.00	14.48 -0.11 0.00	16.72 -0.12 0.00	19.08 -0.12 0.00	24.79 -0.15 0.00	29.43 -0.11 0.00	28.13 -0.15 0.00	26.56 -0.20 0.00	21.84 -0.17 0.00	17.20 -0.11 0.00	15.45 -0.05 0.00
SYRACUSE___ENERGY_ST2 323598	17.33 -0.06 0.10	16.31 -0.04 0.00	12.19 -0.05 0.00	8.40 -0.03 0.00	12.76 -0.02 0.00	16.04 -0.02 0.00	15.63 -0.01 0.00	12.21 -0.03 0.00	11.91 -0.04 0.00	10.37 -0.04 0.00	11.99 -0.06 0.00	13.18 -0.05 0.00	13.52 -0.05 0.00	11.59 -0.07 0.00	14.48 -0.11 0.00	16.72 -0.12 0.00	19.08 -0.12 0.00	24.79 -0.15 0.00	29.43 -0.11 0.00	28.13 -0.15 0.00	26.56 -0.20 0.00	21.84 -0.17 0.00	17.20 -0.11 0.00	15.45 -0.05 0.00
SYRACUSE___POWER 24017	17.30 -0.09 0.11	16.28 -0.06 0.00	12.18 -0.06 0.00	8.39 -0.04 0.00	12.74 -0.05 0.00	16.01 -0.05 0.00	15.59 -0.05 0.00	12.19 -0.06 0.00	11.88 -0.07 0.00	10.35 -0.05 0.00	11.97 -0.07 0.00	13.16 -0.06 0.00	13.50 -0.07 0.00	11.58 -0.08 0.00	14.47 -0.13 0.00	16.71 -0.13 0.00	19.05 -0.15 0.00	24.75 -0.19 0.00	29.38 -0.16 0.00	28.07 -0.21 0.00	26.50 -0.26 0.00	21.80 -0.22 0.00	17.16 -0.14 0.00	15.42 -0.08 0.00
TALLMAN___138KV_BK151 55660	18.28 0.78 0.00	17.09 0.74 0.00	12.79 0.56 0.00	8.80 0.37 0.00	13.35 0.57 0.00	16.71 0.65 0.00	16.25 0.61 0.00	12.78 0.54 0.00	12.48 0.53 0.00	10.88 0.47 0.00	12.64 0.60 0.00	13.88 0.66 0.00	14.25 0.67 0.00	12.33 0.66 0.00	15.52 0.92 0.00	17.94 1.10 0.00	20.46 1.25 0.00	26.54 1.60 0.00	31.41 1.86 0.00	29.90 1.62 0.00	28.25 1.49 0.00	23.16 1.14 0.00	18.15 0.84 0.00	16.22 0.71 0.00
TEALLAVE_115KV_TB7 355573	17.25 -0.13 0.12	16.25 -0.10 0.00	12.15 -0.09 0.00	8.37 -0.06 0.00	12.71 -0.07 0.00	15.97 -0.09 0.00	15.55 -0.09 0.00	12.15 -0.09 0.00	11.85 -0.10 0.00	10.33 -0.08 0.00	11.94 -0.10 0.00	13.13 -0.09 0.00	13.46 -0.11 0.00	11.55 -0.11 0.00	14.44 -0.16 0.00	16.66 -0.18 0.00	18.99 -0.21 0.00	24.66 -0.27 0.00	29.29 -0.26 0.00	27.98 -0.30 0.00	26.42 -0.34 0.00	21.73 -0.28 0.00	17.11 -0.19 0.00	15.38 -0.12 0.00
TELGRAPH_34_KV_EAST 80808	17.12 -0.38 0.00	16.11 -0.25 0.00	12.06 -0.18 0.00	8.29 -0.14 0.00	12.62 -0.17 0.00	15.89 -0.18 0.00	15.37 -0.27 0.00	11.92 -0.32 0.00	11.61 -0.34 0.00	10.20 -0.21 0.00	11.81 -0.24 0.00	13.05 -0.17 0.00	13.39 -0.18 0.00	11.47 -0.19 0.00	14.39 -0.21 0.00	16.55 -0.29 0.00	18.74 -0.47 0.00	24.42 -0.52 0.00	28.75 -0.80 0.00	27.40 -0.88 0.00	25.62 -1.15 0.00	21.17 -0.85 0.00	16.77 -0.54 0.00	14.96 -0.54 0.00
TEMPLE___115KV_TB 2 55572	17.26 -0.13 0.12	16.25 -0.09 0.00	12.15 -0.08 0.00	8.37 -0.06 0.00	12.72 -0.07 0.00	15.98 -0.08 0.00	15.55 -0.08 0.00	12.16 -0.08 0.00	11.85 -0.10 0.00	10.33 -0.07 0.00	11.95 -0.09 0.00	13.14 -0.08 0.00	13.47 -0.10 0.00	11.56 -0.10 0.00	14.45 -0.15 0.00	16.67 -0.16 0.00	19.01 -0.20 0.00	24.69 -0.25 0.00	29.31 -0.24 0.00	28.00 -0.28 0.00	26.43 -0.33 0.00	21.74 -0.27 0.00	17.12 -0.18 0.00	15.38 -0.12 0.00
TIANA____69_KV_BK 1 55817	19.07 1.57 0.00	17.67 1.32 0.00	13.29 1.05 0.00	9.28 0.85 0.00	14.06 1.27 0.00	80.08 1.61 -62.41	16.89 1.25 0.00	13.48 1.24 0.00	12.91 0.96 0.00	11.31 0.90 0.00	13.09 1.05 0.00	14.41 1.19 0.00	14.91 1.34 0.00	15.04 1.29 -2.09	26.26 1.77 -9.89	26.17 2.07 -7.25	31.87 2.16 -10.51	238.65 3.06 -210.65	250.06 3.51 -217.00	173.92 3.00 -142.63	36.67 2.58 -7.32	28.39 2.24 -4.14	18.95 1.65 0.00	16.86 1.36 0.00
TILDEN___115KV_TB1 80814	17.30 -0.09 0.11	16.28 -0.06 0.00	12.18 -0.06 0.00	8.39 -0.04 0.00	12.74 -0.05 0.00	16.01 -0.05 0.00	15.59 -0.05 0.00	12.19 -0.06 0.00	11.88 -0.07 0.00	10.35 -0.05 0.00	11.97 -0.07 0.00	13.16 -0.06 0.00	13.50 -0.07 0.00	11.58 -0.08 0.00	14.47 -0.13 0.00	16.71 -0.13 0.00	19.05 -0.15 0.00	24.75 -0.19 0.00	29.38 -0.16 0.00	28.07 -0.21 0.00	26.50 -0.26 0.00	21.80 -0.22 0.00	17.16 -0.14 0.00	15.42 -0.08 0.00
TRIGEN___CC 323695	18.69 1.19 0.00	17.41 1.06 0.00	13.04 0.80 0.00	8.99 0.56 0.00	13.61 0.82 0.00	17.04 0.98 0.00	16.47 0.84 0.00	13.02 0.78 0.00	12.62 0.67 0.00	11.05 0.64 0.00	12.88 0.84 0.00	14.14 0.92 0.00	14.57 1.00 0.00	14.70 0.95 -2.09	25.77 1.28 -9.89	25.57 1.48 -7.25	31.35 1.64 -10.51	58.96 2.10 -31.92	49.35 2.44 -17.36	31.14 2.10 -0.76	36.10 2.02 -7.32	27.78 1.63 -4.14	18.52 1.22 0.00	16.53 1.03 0.00
TRINITY__115KV__ 4 BK 55933	18.06 0.56 0.00	16.95 0.60 0.00	12.72 0.48 0.00	8.76 0.33 0.00	13.27 0.48 0.00	16.60 0.54 0.00	16.15 0.51 0.00	12.64 0.40 0.00	12.33 0.38 0.00	10.69 0.28 0.00	12.30 0.25 0.00	13.45 0.23 0.00	13.78 0.21 0.00	11.85 0.18 0.00	14.83 0.23 0.00	17.08 0.24 0.00	19.52 0.32 0.00	25.34 0.40 0.00	30.05 0.50 0.00	28.75 0.47 0.00	27.20 0.44 0.00	22.38 0.36 0.00	17.58 0.28 0.00	15.79 0.29 0.00
UNION___PROCESSING_DRP 323587	17.24 -0.26 0.00	16.18 -0.16 0.00	12.11 -0.13 0.00	8.33 -0.10 0.00	12.67 -0.11 0.00	15.94 -0.12 0.00	15.46 -0.18 0.00	12.02 -0.22 0.00	11.72 -0.23 0.00	10.27 -0.14 0.00	11.89 -0.15 0.00	13.13 -0.09 0.00	13.47 -0.10 0.00	11.55 -0.11 0.00	14.47 -0.13 0.00	16.68 -0.16 0.00	18.95 -0.25 0.00	24.51 -0.43 0.00	29.10 -0.45 0.00	27.78 -0.51 0.00	26.06 -0.70 0.00	21.49 -0.52 0.00	16.97 -0.33 0.00	15.17 -0.32 0.00
UPPER HUDSON___HYD 24058	18.50 1.00 0.00	17.39 1.04 0.00	13.04 0.79 0.00	8.98 0.55 0.00	13.62 0.83 0.00	17.09 1.02 0.00	16.63 0.99 0.00	12.99 0.75 0.00	12.64 0.68 0.00	10.96 0.56 0.00	12.54 0.50 0.00	13.73 0.51 0.00	13.98 0.41 0.00	12.05 0.39 0.00	15.17 0.57 0.00	17.51 0.67 0.00	20.24 1.04 0.00	26.46 1.52 0.00	31.64 2.09 0.00	30.40 2.12 0.00	28.79 2.03 0.00	23.62 1.61 0.00	18.46 1.15 0.00	16.50 1.00 0.00
UPPER RAQUET___HYD 24056	11.05 -1.58 4.87	15.77 -0.57 0.00	11.79 -0.45 0.00	8.09 -0.33 0.00	12.31 -0.48 0.00	15.59 -0.47 0.00	15.21 -0.43 0.00	11.88 -0.36 0.00	11.63 -0.32 0.00	10.14 -0.26 0.00	11.75 -0.29 0.00	12.90 -0.32 0.00	13.30 -0.27 0.00	11.38 -0.29 0.00	14.18 -0.42 0.00	16.36 -0.48 0.00	18.70 -0.50 0.00	24.36 -0.58 0.00	28.90 -0.65 0.00	27.84 -0.44 0.00	26.50 -0.25 0.00	21.84 -0.17 0.00	17.13 -0.18 0.00	15.21 -0.29 0.00

VALLEY44_115KV_TB2 355964	17.73 0.23 0.00	16.69 0.34 0.00	12.47 0.23 0.00	8.58 0.16 0.00	13.17 0.38 0.00	16.55 0.49 0.00	16.07 0.44 0.00	12.46 0.22 0.00	12.05 0.10 0.00	10.55 0.14 0.00	12.24 0.20 0.00	13.52 0.30 0.00	13.82 0.25 0.00	11.85 0.19 0.00	14.89 0.29 0.00	17.21 0.37 0.00	19.44 0.24 0.00	24.99 0.05 0.00	29.52 -0.03 0.00	28.10 -0.18 0.00	26.34 -0.42 0.00	21.70 -0.31 0.00	17.16 -0.14 0.00	15.28 -0.22 0.00
VALLEY___115KV_TB 1-4 80826	17.66 0.16 0.00	16.53 0.18 0.00	12.29 0.05 0.00	8.44 0.01 0.00	12.80 0.01 0.00	16.11 0.05 0.00	15.76 0.12 0.00	12.31 0.07 0.00	11.98 0.02 0.00	10.40 0.00 0.00	12.01 -0.03 0.00	13.17 -0.06 0.00	13.49 -0.08 0.00	11.61 -0.05 0.00	14.54 -0.07 0.00	16.78 -0.06 0.00	19.23 0.03 0.00	24.99 0.05 0.00	29.77 0.22 0.00	28.53 0.25 0.00	27.02 0.26 0.00	22.25 0.24 0.00	17.49 0.18 0.00	15.69 0.19 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.04 0.54 0.00	16.87 0.52 0.00	12.61 0.37 0.00	8.69 0.25 0.00	13.16 0.37 0.00	16.52 0.47 0.00	16.12 0.48 0.00	12.63 0.38 0.00	12.34 0.38 0.00	10.75 0.34 0.00	12.44 0.40 0.00	13.66 0.44 0.00	14.01 0.44 0.00	12.06 0.40 0.00	15.13 0.53 0.00	17.48 0.65 0.00	19.95 0.75 0.00	25.96 1.02 0.00	30.79 1.24 0.00	29.40 1.12 0.00	27.79 1.03 0.00	22.82 0.81 0.00	17.91 0.60 0.00	16.01 0.51 0.00
VISCHER___FERRY HYD 24020	18.18 0.68 0.00	17.06 0.71 0.00	12.80 0.56 0.00	8.81 0.38 0.00	13.35 0.57 0.00	16.72 0.66 0.00	16.28 0.64 0.00	12.73 0.48 0.00	12.41 0.46 0.00	10.75 0.34 0.00	12.37 0.33 0.00	13.54 0.32 0.00	13.87 0.30 0.00	11.95 0.29 0.00	14.98 0.38 0.00	17.25 0.42 0.00	19.74 0.53 0.00	25.67 0.73 0.00	30.49 0.94 0.00	29.23 0.95 0.00	27.66 0.90 0.00	22.76 0.75 0.00	17.86 0.55 0.00	16.02 0.52 0.00
V_A_10_SYNC_DSASP 323832	16.75 -0.55 0.20	15.74 -0.39 0.22	11.74 -0.29 0.21	8.09 -0.21 0.13	12.40 -0.27 0.12	15.60 -0.31 0.16	15.14 -0.38 0.12	11.85 -0.38 0.01	11.56 -0.39 0.00	10.14 -0.27 0.00	11.76 -0.28 0.00	12.99 -0.23 0.00	13.32 -0.25 0.00	11.41 -0.26 0.00	14.30 -0.30 0.00	16.44 -0.39 0.00	18.62 -0.58 0.00	24.06 -0.88 0.00	28.46 -1.09 0.00	27.11 -1.17 0.00	25.32 -1.40 0.04	20.20 -1.06 0.75	15.94 -0.71 0.65	14.60 -0.67 0.22
V_CMM_10_SYNC_DSASP 323787	9.90 -1.44 6.16	16.01 -0.34 0.00	11.99 -0.26 0.00	8.24 -0.19 0.00	12.50 -0.28 0.00	15.75 -0.31 0.00	15.34 -0.29 0.00	12.02 -0.22 0.00	11.78 -0.18 0.00	10.27 -0.13 0.00	11.91 -0.13 0.00	13.08 -0.14 0.00	13.46 -0.11 0.00	11.54 -0.12 0.00	14.44 -0.16 0.00	16.66 -0.18 0.00	19.00 -0.20 0.00	24.70 -0.23 0.00	29.14 -0.41 0.00	28.01 -0.27 0.00	26.59 -0.17 0.00	21.91 -0.10 0.00	17.20 -0.10 0.00	15.31 -0.19 0.00
V_CMP_10_SYNC_DSASP 323788	10.45 -0.97 6.08	16.55 0.20 0.00	12.39 0.15 0.00	8.47 0.04 0.00	12.85 0.06 0.00	16.14 0.08 0.00	15.79 0.16 0.00	12.47 0.23 0.00	12.21 0.26 0.00	10.66 0.25 0.00	12.37 0.33 0.00	13.63 0.41 0.00	14.03 0.46 0.00	12.04 0.38 0.00	15.07 0.47 0.00	17.38 0.54 0.00	19.92 0.72 0.00	26.06 1.12 0.00	30.97 1.42 0.00	29.71 1.43 0.00	28.05 1.29 0.00	22.99 0.98 0.00	18.01 0.70 0.00	16.05 0.55 0.00
V_D_10_SYNC_DSASP 323841	10.30 -1.32 5.87	16.10 -0.25 0.00	12.05 -0.20 0.00	8.28 -0.15 0.00	12.57 -0.22 0.00	15.85 -0.21 0.00	15.45 -0.19 0.00	12.09 -0.15 0.00	11.84 -0.11 0.00	10.33 -0.08 0.00	11.97 -0.08 0.00	13.15 -0.08 0.00	13.54 -0.03 0.00	11.60 -0.07 0.00	14.47 -0.13 0.00	16.69 -0.15 0.00	19.04 -0.16 0.00	24.78 -0.16 0.00	29.25 -0.30 0.00	28.14 -0.14 0.00	26.74 -0.02 0.00	22.04 0.03 0.00	17.30 0.00 0.00	15.38 -0.12 0.00
V_E_10_SYNC_DSASP 323830	18.62 1.06 -0.06	17.36 0.95 -0.07	12.80 0.49 -0.06	8.69 0.22 -0.04	13.19 0.37 -0.04	16.78 0.67 -0.05	16.52 0.85 -0.04	12.88 0.63 0.00	12.50 0.55 0.00	10.86 0.45 0.00	12.53 0.48 0.00	13.76 0.54 0.00	14.07 0.50 0.00	12.07 0.41 0.00	15.12 0.52 0.00	17.55 0.71 0.00	20.20 1.00 0.00	26.51 1.57 0.00	31.69 2.14 0.00	30.50 2.22 0.00	28.91 2.13 -0.01	23.94 1.71 -0.23	18.79 1.29 -0.20	16.62 1.06 -0.07
V_F_30_NSYNC___DSASP 323816	18.37 0.87 0.00	17.23 0.89 0.00	12.92 0.68 0.00	8.90 0.47 0.00	13.50 0.71 0.00	16.92 0.86 0.00	16.46 0.83 0.00	12.86 0.62 0.00	12.52 0.57 0.00	10.86 0.45 0.00	12.48 0.44 0.00	13.68 0.45 0.00	13.99 0.42 0.00	12.06 0.39 0.00	15.15 0.55 0.00	17.47 0.63 0.00	20.06 0.86 0.00	26.16 1.22 0.00	31.16 1.61 0.00	29.87 1.59 0.00	28.26 1.51 0.00	23.22 1.21 0.00	18.20 0.89 0.00	16.29 0.79 0.00
V_F_30_SYNC_DSASP 323786	18.11 0.61 0.00	17.00 0.65 0.00	12.75 0.51 0.00	8.78 0.35 0.00	13.30 0.51 0.00	16.65 0.58 0.00	16.20 0.56 0.00	12.68 0.43 0.00	12.36 0.41 0.00	10.72 0.31 0.00	12.34 0.30 0.00	13.50 0.28 0.00	13.83 0.26 0.00	11.90 0.23 0.00	14.89 0.29 0.00	17.16 0.33 0.00	19.62 0.42 0.00	25.47 0.54 0.00	30.23 0.68 0.00	28.91 0.63 0.00	27.33 0.57 0.00	22.48 0.46 0.00	17.66 0.36 0.00	15.85 0.35 0.00
V_XM_10_SYNC_DSASP 323789	10.45 -0.97 6.08	16.55 0.20 0.00	12.39 0.15 0.00	8.47 0.04 0.00	12.85 0.06 0.00	16.14 0.08 0.00	15.79 0.16 0.00	12.47 0.23 0.00	12.21 0.26 0.00	10.66 0.25 0.00	12.37 0.33 0.00	13.63 0.41 0.00	14.03 0.46 0.00	12.04 0.38 0.00	15.07 0.47 0.00	17.38 0.54 0.00	19.92 0.72 0.00	26.06 1.12 0.00	30.97 1.42 0.00	29.71 1.43 0.00	28.05 1.29 0.00	22.99 0.98 0.00	18.01 0.70 0.00	16.05 0.55 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.35 0.85 0.00	17.16 0.81 0.00	12.84 0.60 0.00	8.84 0.41 0.00	13.40 0.62 0.00	16.77 0.71 0.00	16.31 0.68 0.00	12.83 0.59 0.00	12.53 0.57 0.00	10.92 0.52 0.00	12.69 0.65 0.00	13.93 0.71 0.00	14.30 0.73 0.00	12.38 0.72 0.00	15.58 0.98 0.00	18.01 1.17 0.00	20.54 1.34 0.00	26.65 1.71 0.00	31.55 2.00 0.00	30.04 1.76 0.00	28.37 1.61 0.00	23.26 1.25 0.00	18.23 0.92 0.00	16.28 0.78 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.51 1.01 0.00	17.30 0.95 0.00	12.97 0.72 0.00	8.92 0.49 0.00	13.52 0.73 0.00	16.91 0.85 0.00	16.45 0.81 0.00	12.95 0.70 0.00	12.64 0.68 0.00	11.02 0.61 0.00	12.82 0.78 0.00	14.08 0.86 0.00	14.47 0.90 0.00	12.52 0.85 0.00	15.76 1.16 0.00	18.19 1.35 0.00	20.75 1.55 0.00	26.90 1.96 0.00	31.81 2.26 0.00	30.20 1.92 0.00	28.61 1.86 0.00	23.47 1.45 0.00	18.40 1.09 0.00	16.42 0.92 0.00
W50THST__13_KV_LOAD 356117	18.62 1.12 0.00	17.40 1.05 0.00	13.04 0.80 0.00	8.98 0.55 0.00	13.60 0.82 0.00	17.01 0.95 0.00	16.55 0.91 0.00	13.03 0.79 0.00	12.72 0.77 0.00	11.10 0.69 0.00	12.91 0.87 0.00	14.19 0.96 0.00	14.57 1.00 0.00	12.60 0.94 0.00	15.87 1.27 0.00	18.32 1.48 0.00	20.90 1.70 0.00	27.08 2.14 0.00	32.01 2.46 0.00	30.39 2.10 0.00	28.79 2.03 0.00	23.61 1.60 0.00	18.51 1.20 0.00	16.52 1.02 0.00



WADING RIVER_IC_1 23522	18.94 1.44 0.00	17.56 1.22 0.00	13.18 0.94 0.00	9.14 0.72 0.00	13.86 1.07 0.00	80.43 1.53 -62.85	16.89 1.25 0.00	13.43 1.19 0.00	12.82 0.86 0.00	11.22 0.81 0.00	12.85 0.80 0.00	14.11 0.88 0.00	14.59 1.02 0.00	14.76 1.00 -2.09	25.90 1.41 -9.89	25.75 1.65 -7.25	31.45 1.74 -10.51	239.29 2.45 -211.91	250.76 2.80 -218.41	174.29 2.37 -143.64	36.26 2.17 -7.33	28.03 1.88 -4.14	18.71 1.41 0.00	16.67 1.17 0.00
WADING RIVER_IC_2 23547	18.94 1.44 0.00	17.56 1.22 0.00	13.18 0.94 0.00	9.14 0.72 0.00	13.86 1.07 0.00	80.43 1.53 -62.85	16.89 1.25 0.00	13.43 1.19 0.00	12.82 0.86 0.00	11.22 0.81 0.00	12.85 0.80 0.00	14.11 0.88 0.00	14.59 1.02 0.00	14.76 1.00 -2.09	25.90 1.41 -9.89	25.75 1.65 -7.25	31.45 1.74 -10.51	239.29 2.45 -211.91	250.76 2.80 -218.41	174.29 2.37 -143.64	36.26 2.17 -7.33	28.03 1.88 -4.14	18.71 1.41 0.00	16.67 1.17 0.00
WADING RIVER_IC_3 23601	18.94 1.44 0.00	17.56 1.22 0.00	13.18 0.94 0.00	9.14 0.72 0.00	13.86 1.07 0.00	80.43 1.53 -62.85	16.89 1.25 0.00	13.43 1.19 0.00	12.82 0.86 0.00	11.22 0.81 0.00	12.85 0.80 0.00	14.11 0.88 0.00	14.59 1.02 0.00	14.76 1.00 -2.09	25.90 1.41 -9.89	25.75 1.65 -7.25	31.45 1.74 -10.51	239.29 2.45 -211.91	250.76 2.80 -218.41	174.29 2.37 -143.64	36.26 2.17 -7.33	28.03 1.88 -4.14	18.71 1.41 0.00	16.67 1.17 0.00
WALDENNY_12_KV_BK2 80841	17.25 -0.25 0.00	16.23 -0.12 0.00	12.14 -0.10 0.00	8.35 -0.08 0.00	12.75 -0.04 0.00	16.04 -0.02 0.00	15.53 -0.10 0.00	12.06 -0.18 0.00	11.75 -0.20 0.00	10.33 -0.08 0.00	11.99 -0.05 0.00	13.26 0.04 0.00	13.59 0.02 0.00	11.65 -0.02 0.00	14.61 0.01 0.00	16.80 -0.04 0.00	19.01 -0.19 0.00	24.62 -0.32 0.00	29.07 -0.48 0.00	27.69 -0.59 0.00	25.87 -0.89 0.00	21.34 -0.67 0.00	16.91 -0.39 0.00	15.06 -0.44 0.00
WALDEN___HYDRO 24148	18.28 0.77 0.00	17.09 0.74 0.00	12.80 0.56 0.00	8.81 0.38 0.00	13.35 0.57 0.00	16.71 0.65 0.00	16.26 0.62 0.00	12.78 0.54 0.00	12.47 0.52 0.00	10.87 0.46 0.00	12.59 0.55 0.00	13.83 0.61 0.00	14.19 0.62 0.00	12.27 0.61 0.00	15.44 0.84 0.00	17.85 1.01 0.00	20.36 1.16 0.00	26.45 1.51 0.00	31.36 1.81 0.00	29.88 1.60 0.00	28.24 1.49 0.00	23.16 1.15 0.00	18.15 0.85 0.00	16.22 0.72 0.00
WARRENSBURG___ 23737	18.50 1.00 0.00	17.39 1.04 0.00	13.04 0.79 0.00	8.98 0.55 0.00	13.62 0.83 0.00	17.09 1.02 0.00	16.63 0.99 0.00	12.99 0.75 0.00	12.64 0.68 0.00	10.96 0.56 0.00	12.54 0.50 0.00	13.73 0.51 0.00	13.98 0.41 0.00	12.05 0.39 0.00	15.17 0.57 0.00	17.51 0.67 0.00	20.24 1.04 0.00	26.46 1.52 0.00	31.64 2.09 0.00	30.40 2.12 0.00	28.79 2.03 0.00	23.62 1.61 0.00	18.46 1.15 0.00	16.50 1.00 0.00
WATERSIDE___6 8 9 23538	18.50 0.99 0.00	17.29 0.94 0.00	12.97 0.72 0.00	8.92 0.49 0.00	13.52 0.73 0.00	16.90 0.84 0.00	16.43 0.80 0.00	12.94 0.70 0.00	12.63 0.68 0.00	11.03 0.62 0.00	12.82 0.78 0.00	14.08 0.86 0.00	14.47 0.89 0.00	12.51 0.84 0.00	15.76 1.15 0.00	18.18 1.34 0.00	20.73 1.53 0.00	26.89 1.95 0.00	25.95 2.25 5.85	30.21 1.93 0.00	28.62 1.87 0.00	23.46 1.45 0.00	18.39 1.08 0.00	16.42 0.92 0.00
WATKINRD_115KV_LN8_ILLION 55919	17.63 0.12 0.00	16.51 0.16 0.00	12.34 0.09 0.00	8.48 0.05 0.00	12.87 0.08 0.00	16.16 0.09 0.00	15.75 0.11 0.00	12.31 0.07 0.00	11.99 0.03 0.00	10.41 0.00 0.00	12.02 -0.02 0.00	13.18 -0.04 0.00	13.51 -0.06 0.00	11.63 -0.03 0.00	14.56 -0.04 0.00	16.80 -0.03 0.00	19.22 0.02 0.00	24.99 0.05 0.00	29.74 0.19 0.00	28.50 0.22 0.00	26.99 0.22 0.00	22.20 0.19 0.00	17.45 0.14 0.00	15.63 0.13 0.00
WATSON___69_KV_BK 1 55734	19.18 1.68 0.00	17.81 1.46 0.00	13.33 1.09 0.00	9.20 0.77 0.00	13.93 1.14 0.00	47.40 1.43 -29.91	16.77 1.13 0.00	13.36 1.12 0.00	12.87 0.92 0.00	11.28 0.88 0.00	13.12 1.08 0.00	14.41 1.19 0.00	14.89 1.32 0.00	15.00 1.25 -2.09	26.19 1.70 -9.89	26.07 1.98 -7.25	31.89 2.18 -10.51	145.41 2.89 -117.58	145.84 3.25 -113.04	99.82 2.78 -68.76	36.83 2.75 -7.32	28.47 2.33 -4.14	19.04 1.74 0.00	16.97 1.47 0.00
WDELAWARE___HYD 323627	17.75 0.25 0.00	16.53 0.18 0.00	12.37 0.14 0.00	8.53 0.10 0.00	12.91 0.13 0.00	16.17 0.11 0.00	15.73 0.10 0.00	12.37 0.13 0.00	12.14 0.19 0.00	10.57 0.16 0.00	12.25 0.20 0.00	13.43 0.21 0.00	13.78 0.21 0.00	11.92 0.25 0.00	15.00 0.40 0.00	17.34 0.50 0.00	19.81 0.61 0.00	25.81 0.87 0.00	30.64 1.09 0.00	29.24 0.95 0.00	27.63 0.87 0.00	22.67 0.66 0.00	17.75 0.45 0.00	15.85 0.35 0.00
WEST BABYLON___IC 23714	19.10 1.59 0.00	17.74 1.40 0.00	13.28 1.04 0.00	9.16 0.73 0.00	13.87 1.09 0.00	25.33 1.33 -7.94	16.71 1.07 0.00	13.28 1.04 0.00	12.82 0.86 0.00	11.24 0.83 0.00	13.08 1.04 0.00	14.36 1.14 0.00	14.84 1.26 0.00	14.95 1.19 -2.09	26.11 1.62 -9.89	25.98 1.89 -7.25	31.80 2.08 -10.51	82.34 2.76 -54.65	75.43 3.14 -42.74	49.78 2.70 -18.80	36.73 2.65 -7.32	28.36 2.21 -4.14	18.97 1.66 0.00	16.90 1.40 0.00
WEST CANADA___HYD 24049	17.53 0.02 0.00	16.43 0.08 0.00	12.30 0.06 0.00	8.47 0.04 0.00	12.85 0.06 0.00	16.14 0.08 0.00	15.73 0.09 0.00	12.31 0.07 0.00	12.01 0.06 0.00	10.45 0.04 0.00	12.09 0.05 0.00	13.26 0.04 0.00	13.61 0.04 0.00	11.70 0.04 0.00	14.65 0.04 0.00	16.89 0.05 0.00	19.28 0.08 0.00	25.04 0.10 0.00	29.69 0.14 0.00	28.41 0.13 0.00	26.87 0.11 0.00	22.10 0.09 0.00	17.37 0.06 0.00	15.58 0.07 0.00
WESTERN_NY_WIND 24143	17.38 -0.12 0.00	16.33 -0.02 0.00	12.22 -0.02 0.00	8.40 -0.03 0.00	12.79 0.00 0.00	16.10 0.04 0.00	15.58 -0.05 0.00	12.08 -0.17 0.00	11.75 -0.20 0.00	10.29 -0.12 0.00	11.89 -0.15 0.00	13.14 -0.08 0.00	13.48 -0.09 0.00	11.56 -0.10 0.00	14.51 -0.09 0.00	16.73 -0.11 0.00	18.98 -0.22 0.00	24.78 -0.16 0.00	29.29 -0.25 0.00	27.94 -0.34 0.00	26.19 -0.57 0.00	21.62 -0.39 0.00	17.09 -0.22 0.00	15.23 -0.27 0.00
WESTOVER___LESR 323668	17.62 0.12 0.00	16.51 0.16 0.00	12.32 0.08 0.00	8.49 0.06 0.00	12.91 0.13 0.00	16.21 0.15 0.00	15.79 0.16 0.00	12.36 0.12 0.00	12.04 0.09 0.00	10.50 0.09 0.00	12.16 0.12 0.00	13.36 0.14 0.00	13.69 0.12 0.00	11.78 0.11 0.00	14.75 0.15 0.00	17.06 0.22 0.00	19.43 0.23 0.00	25.21 0.27 0.00	29.93 0.38 0.00	28.57 0.29 0.00	26.98 0.22 0.00	22.16 0.15 0.00	17.43 0.12 0.00	15.56 0.05 0.00
WETHRSFD_WT_PWR 323626	17.14 -0.36 0.00	16.09 -0.26 0.00	12.00 -0.24 0.00	8.26 -0.16 0.00	12.68 -0.11 0.00	15.95 -0.11 0.00	15.50 -0.13 0.00	12.08 -0.17 0.00	11.76 -0.20 0.00	10.31 -0.10 0.00	11.96 -0.08 0.00	13.20 -0.02 0.00	13.52 -0.05 0.00	11.60 -0.06 0.00	14.55 -0.05 0.00	16.78 -0.06 0.00	19.02 -0.18 0.00	24.61 -0.33 0.00	29.11 -0.44 0.00	27.75 -0.53 0.00	25.99 -0.77 0.00	21.38 -0.63 0.00	16.87 -0.44 0.00	15.00 -0.50 0.00

WHAVSTOR_138KV_BK127 55557	18.28 0.78 0.00	17.08 0.74 0.00	12.79 0.56 0.00	8.80 0.37 0.00	13.35 0.57 0.00	16.70 0.65 0.00	16.24 0.61 0.00	12.78 0.54 0.00	12.48 0.52 0.00	10.88 0.47 0.00	12.63 0.59 0.00	13.87 0.65 0.00	14.23 0.66 0.00	12.31 0.65 0.00	15.50 0.90 0.00	17.91 1.07 0.00	20.43 1.22 0.00	26.49 1.56 0.00	31.37 1.82 0.00	29.86 1.58 0.00	28.22 1.46 0.00	23.14 1.13 0.00	18.14 0.83 0.00	16.21 0.71 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	18.28 0.78 0.00	17.08 0.74 0.00	12.79 0.56 0.00	8.80 0.37 0.00	13.35 0.57 0.00	16.70 0.65 0.00	16.24 0.61 0.00	12.78 0.54 0.00	12.48 0.52 0.00	10.88 0.47 0.00	12.63 0.59 0.00	13.87 0.65 0.00	14.23 0.66 0.00	12.31 0.65 0.00	15.50 0.90 0.00	17.91 1.07 0.00	20.43 1.22 0.00	26.49 1.56 0.00	31.37 1.82 0.00	29.86 1.58 0.00	28.22 1.46 0.00	23.14 1.13 0.00	18.14 0.83 0.00	16.21 0.71 0.00
WHITEHAL_115KV_TB1 80871	18.86 1.36 0.00	17.71 1.36 0.00	13.28 1.04 0.00	9.14 0.71 0.00	13.87 1.09 0.00	17.41 1.35 0.00	16.95 1.32 0.00	13.22 0.97 0.00	12.83 0.88 0.00	11.13 0.73 0.00	12.74 0.70 0.00	13.94 0.72 0.00	14.21 0.64 0.00	12.24 0.57 0.00	15.39 0.79 0.00	17.79 0.95 0.00	20.57 1.37 0.00	26.92 1.98 0.00	32.21 2.66 0.00	31.05 2.77 0.00	29.44 2.68 0.00	24.15 2.14 0.00	18.85 1.54 0.00	16.82 1.32 0.00
WHITEPLN_13_KV_LOAD 356215	18.59 1.09 0.00	17.37 1.03 0.00	13.01 0.77 0.00	8.95 0.52 0.00	13.57 0.79 0.00	16.98 0.92 0.00	16.51 0.87 0.00	12.99 0.75 0.00	12.69 0.73 0.00	11.06 0.65 0.00	12.86 0.82 0.00	14.12 0.90 0.00	14.51 0.94 0.00	12.56 0.89 0.00	15.81 1.21 0.00	18.27 1.43 0.00	20.84 1.64 0.00	27.05 2.11 0.00	32.02 2.47 0.00	30.45 2.17 0.00	28.80 2.04 0.00	23.61 1.60 0.00	18.49 1.19 0.00	16.52 1.02 0.00
WM_FLOYD_69_KV_BK2 356380	19.07 1.57 0.00	17.70 1.36 0.00	13.27 1.03 0.00	9.19 0.76 0.00	13.92 1.13 0.00	78.20 1.50 -60.64	16.87 1.23 0.00	13.41 1.17 0.00	12.85 0.89 0.00	11.24 0.83 0.00	12.98 0.94 0.00	14.25 1.03 0.00	14.74 1.17 0.00	14.88 1.12 -2.09	26.04 1.55 -9.89	25.91 1.82 -7.25	31.66 1.95 -10.51	233.20 2.69 -205.58	243.98 3.09 -211.34	169.57 2.67 -138.61	36.59 2.51 -7.32	28.29 2.14 -4.14	18.90 1.59 0.00	16.83 1.34 0.00
WOODARD__115KV_TB2 355635	17.23 -0.16 0.12	16.23 -0.12 0.00	12.13 -0.11 0.00	8.35 -0.07 0.00	12.69 -0.09 0.00	15.95 -0.11 0.00	15.53 -0.10 0.00	12.14 -0.10 0.00	11.84 -0.11 0.00	10.32 -0.09 0.00	11.93 -0.11 0.00	13.11 -0.11 0.00	13.45 -0.13 0.00	11.54 -0.13 0.00	14.41 -0.19 0.00	16.63 -0.20 0.00	18.96 -0.24 0.00	24.63 -0.31 0.00	29.24 -0.31 0.00	27.94 -0.34 0.00	26.39 -0.37 0.00	21.70 -0.31 0.00	17.10 -0.21 0.00	15.36 -0.14 0.00
YORK___WARBASSE 23770	18.55 1.05 0.00	17.35 1.00 0.00	13.00 0.76 0.00	8.94 0.51 0.00	13.54 0.76 0.00	16.94 0.88 0.00	16.47 0.83 0.00	12.97 0.73 0.00	12.66 0.70 0.00	11.04 0.63 0.00	12.84 0.80 0.00	14.09 0.87 0.00	14.48 0.91 0.00	12.53 0.86 0.00	15.78 1.19 0.00	18.23 1.39 0.00	20.81 1.60 -0.01	26.99 2.04 0.00	60.65 2.35 -28.74	30.33 2.05 0.00	28.75 1.98 -0.01	23.57 1.55 -0.01	18.46 1.16 0.00	16.48 0.98 0.00