

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/31/2024

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	20.46	19.15	18.60	18.22	18.72	19.17	21.44	22.46	19.87	18.83	17.53	16.96	15.79	15.28	14.64	14.34	15.98	19.73	22.10	29.65	30.55	24.55	22.54	20.27
24138	0.84	0.72	0.77	0.73	0.74	0.68	0.92	1.17	0.98	1.08	1.06	1.05	0.95	0.89	0.93	0.95	1.02	1.24	1.25	1.54	1.67	1.19	1.19	1.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.50	19.25	18.63	18.26	18.75	19.21	21.48	22.49	19.89	18.85	17.55	16.96	15.82	15.34	14.65	14.35	15.99	19.75	22.12	29.71	30.58	24.58	22.54	20.29
24260	0.88	0.81	0.80	0.77	0.77	0.72	0.96	1.19	1.00	1.10	1.07	1.05	0.98	0.95	0.95	0.96	1.03	1.26	1.27	1.60	1.70	1.21	1.20	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.50	19.25	18.63	18.26	18.75	19.21	21.48	22.49	19.89	18.85	17.55	16.96	15.82	15.34	14.65	14.35	15.99	19.75	22.12	29.71	30.58	24.58	22.54	20.29
24261	0.88	0.81	0.80	0.77	0.77	0.72	0.96	1.19	1.00	1.10	1.07	1.05	0.98	0.95	0.95	0.96	1.03	1.26	1.27	1.60	1.70	1.21	1.20	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.27	18.97	18.37	17.99	18.54	19.08	21.20	22.02	19.53	18.34	16.96	16.37	15.23	14.77	14.09	13.77	15.41	19.06	21.60	29.20	30.03	24.18	22.12	19.83
24011	0.65	0.53	0.53	0.51	0.56	0.59	0.68	0.72	0.64	0.59	0.48	0.46	0.39	0.39	0.38	0.39	0.45	0.57	0.75	1.10	1.15	0.82	0.77	0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	20.32	19.03	18.44	18.05	18.61	19.15	21.28	22.10	19.60	18.39	17.01	16.41	15.31	14.82	14.12	13.81	15.45	19.12	21.68	29.31	30.17	24.30	22.18	19.88
23798	0.71	0.59	0.61	0.56	0.63	0.66	0.76	0.81	0.72	0.64	0.53	0.51	0.47	0.43	0.41	0.43	0.49	0.63	0.83	1.21	1.30	0.94	0.83	0.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.27	18.97	18.37	17.99	18.54	19.08	21.20	22.02	19.53	18.34	16.96	16.37	15.23	14.77	14.09	13.77	15.41	19.06	21.60	29.20	30.03	24.18	22.12	19.83
24028	0.65	0.53	0.53	0.51	0.56	0.59	0.68	0.72	0.64	0.59	0.48	0.46	0.39	0.39	0.38	0.39	0.45	0.57	0.75	1.10	1.15	0.82	0.77	0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	19.99	18.84	18.22	17.87	18.37	18.87	20.95	21.85	19.42	18.32	17.02	16.41	15.28	14.82	14.13	13.85	15.45	19.10	21.49	29.01	29.68	23.92	21.86	19.69
23527	0.37	0.41	0.39	0.38	0.40	0.39	0.43	0.55	0.53	0.57	0.54	0.51	0.44	0.43	0.43	0.47	0.49	0.61	0.65	0.90	0.81	0.56	0.51	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.13	18.92	18.29	17.92	18.45	18.93	21.03	21.85	19.38	18.25	16.97	16.38	15.27	14.82	14.12	13.80	15.43	19.03	21.43	28.89	29.65	23.95	21.95	19.73
24190	0.51	0.48	0.46	0.44	0.47	0.44	0.51	0.55	0.49	0.50	0.49	0.48	0.43	0.43	0.41	0.41	0.46	0.54	0.58	0.79	0.78	0.58	0.60	0.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.48	18.36	17.76	17.42	17.92	18.41	20.40	21.14	18.76	17.57	16.28	15.70	14.66	14.21	13.53	13.21	14.77	18.29	20.70	27.97	28.73	23.29	21.26	19.13
355683	-0.14	-0.07	-0.07	-0.07	-0.05	-0.07	-0.12	-0.15	-0.13	-0.18	-0.20	-0.21	-0.18	-0.17	-0.18	-0.17	-0.19	-0.20	-0.15	-0.14	-0.14	-0.07	-0.09	-0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.32	19.08	18.47	18.08	18.61	19.13	21.22	22.02	19.51	18.32	17.01	16.43	15.31	14.85	14.16	13.83	15.45	19.08	21.51	29.03	29.86	24.11	22.07	19.86
323833	0.71	0.64	0.64	0.59	0.63	0.65	0.70	0.72	0.62	0.57	0.53	0.52	0.47	0.46	0.45	0.44	0.49	0.59	0.67	0.93	0.98	0.75	0.73	0.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	20.30	19.06	18.45	18.08	18.61	19.13	21.22	22.00	19.49	18.32	17.01	16.43	15.31	14.85	14.16	13.83	15.45	19.08	21.51	29.03	29.86	24.11	22.07	19.86
323834	0.69	0.63	0.62	0.59	0.63	0.65	0.70	0.70	0.60	0.57	0.53	0.52	0.47	0.46	0.45	0.44	0.49	0.59	0.67	0.93	0.98	0.75	0.73	0.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	20.13	18.92	18.29	17.92	18.45	18.93	21.03	21.85	19.38	18.25	16.97	16.38	15.27	14.82	14.12	13.80	15.43	19.03	21.43	28.89	29.65	23.95	21.95	19.73
23571	0.51	0.48	0.46	0.44	0.47	0.44	0.51	0.55	0.49	0.50	0.49	0.48	0.43	0.43	0.41	0.41	0.46	0.54	0.58	0.79	0.78	0.58	0.60	0.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.13 0.51 0.00	18.92 0.48 0.00	18.29 0.46 0.00	17.92 0.44 0.00	18.45 0.47 0.00	18.93 0.44 0.00	21.03 0.51 0.00	21.85 0.55 0.00	19.38 0.49 0.00	18.25 0.50 0.00	16.97 0.49 0.00	16.38 0.48 0.00	15.27 0.43 0.00	14.82 0.43 0.00	14.12 0.41 0.00	13.80 0.41 0.00	15.43 0.46 0.00	19.03 0.54 0.00	21.43 0.58 0.00	28.89 0.79 0.00	29.65 0.78 0.00	23.95 0.58 0.00	21.95 0.60 0.00	19.73 0.52 0.00
ALBANY___3 23573	20.13 0.51 0.00	18.92 0.48 0.00	18.29 0.46 0.00	17.92 0.44 0.00	18.45 0.47 0.00	18.93 0.44 0.00	21.03 0.51 0.00	21.85 0.55 0.00	19.38 0.49 0.00	18.25 0.50 0.00	16.97 0.49 0.00	16.38 0.48 0.00	15.27 0.43 0.00	14.82 0.43 0.00	14.12 0.41 0.00	13.80 0.41 0.00	15.43 0.46 0.00	19.03 0.54 0.00	21.43 0.58 0.00	28.89 0.79 0.00	29.65 0.78 0.00	23.95 0.58 0.00	21.95 0.60 0.00	19.73 0.52 0.00
ALBANY___4 23574	20.13 0.51 0.00	18.92 0.48 0.00	18.29 0.46 0.00	17.92 0.44 0.00	18.45 0.47 0.00	18.93 0.44 0.00	21.03 0.51 0.00	21.85 0.55 0.00	19.38 0.49 0.00	18.25 0.50 0.00	16.97 0.49 0.00	16.38 0.48 0.00	15.27 0.43 0.00	14.82 0.43 0.00	14.12 0.41 0.00	13.80 0.41 0.00	15.43 0.46 0.00	19.03 0.54 0.00	21.43 0.58 0.00	28.89 0.79 0.00	29.65 0.78 0.00	23.95 0.58 0.00	21.95 0.60 0.00	19.73 0.52 0.00
ALBANY___LFGE 323615	20.23 0.61 0.00	19.01 0.57 0.00	18.40 0.57 0.00	18.03 0.54 0.00	18.55 0.58 0.00	19.06 0.57 0.00	21.16 0.64 0.00	21.98 0.68 0.00	19.49 0.60 0.00	18.36 0.60 0.00	17.05 0.58 0.00	16.48 0.57 0.00	15.36 0.52 0.00	14.89 0.50 0.00	14.20 0.49 0.00	13.88 0.50 0.00	15.50 0.54 0.00	19.14 0.65 0.00	21.55 0.71 0.00	29.06 0.96 0.00	29.86 0.98 0.00	24.09 0.73 0.00	22.07 0.73 0.00	19.84 0.63 0.00
ALCOA_PA_115KV_PL-6C 55860	19.52 -0.10 0.00	18.40 -0.04 0.00	17.79 -0.04 0.00	17.43 -0.05 0.00	17.94 -0.04 0.00	18.45 -0.04 0.00	20.44 -0.08 0.00	21.19 -0.11 0.00	18.79 -0.09 0.00	17.59 -0.16 0.00	16.28 -0.20 0.00	15.68 -0.22 0.00	14.68 -0.16 0.00	14.21 -0.17 0.00	13.53 -0.18 0.00	13.21 -0.17 0.00	14.77 -0.19 0.00	18.29 -0.20 0.00	20.72 -0.13 0.00	28.02 -0.08 0.00	28.79 -0.09 0.00	23.34 -0.02 0.00	21.33 -0.02 0.00	19.17 -0.04 0.00
ALCOA_RYNLDS___DRP 24188	19.52 -0.10 0.00	18.40 -0.04 0.00	17.79 -0.04 0.00	17.43 -0.05 0.00	17.94 -0.04 0.00	18.45 -0.04 0.00	20.44 -0.08 0.00	21.19 -0.11 0.00	18.79 -0.09 0.00	17.59 -0.16 0.00	16.28 -0.20 0.00	15.68 -0.22 0.00	14.68 -0.16 0.00	14.21 -0.17 0.00	13.53 -0.18 0.00	13.21 -0.17 0.00	14.77 -0.19 0.00	18.29 -0.20 0.00	20.72 -0.13 0.00	28.02 -0.08 0.00	28.79 -0.09 0.00	23.34 -0.02 0.00	21.33 -0.02 0.00	19.17 -0.04 0.00
ALCOA___DSASP 323711	19.52 -0.10 0.00	18.38 -0.06 0.00	17.79 -0.04 0.00	17.43 -0.05 0.00	17.94 -0.04 0.00	18.45 -0.04 0.00	20.44 -0.08 0.00	21.19 -0.11 0.00	18.79 -0.09 0.00	17.59 -0.16 0.00	16.28 -0.20 0.00	15.68 -0.22 0.00	14.66 -0.18 0.00	14.21 -0.17 0.00	13.53 -0.18 0.00	13.21 -0.17 0.00	14.77 -0.19 0.00	18.29 -0.20 0.00	20.72 -0.12 0.00	28.02 -0.08 0.00	28.79 -0.09 0.00	23.34 -0.02 0.00	21.33 -0.02 0.00	19.17 -0.04 0.00
ALLEGHENY___COGEN 23514	20.72 1.10 0.00	19.28 0.85 0.00	18.54 0.71 0.00	18.26 0.77 0.00	18.73 0.75 0.00	19.39 0.91 0.00	21.46 0.94 0.00	21.83 0.53 0.00	19.10 0.21 0.00	17.72 -0.04 0.00	16.36 -0.11 0.00	15.72 -0.19 0.00	14.71 -0.13 0.00	14.23 -0.16 0.00	13.54 -0.16 0.00	13.21 -0.17 0.00	14.93 -0.03 0.00	18.56 0.07 0.00	21.41 0.56 0.00	29.20 1.10 0.00	30.14 1.27 0.00	24.53 1.17 0.00	22.22 0.88 0.00	20.00 0.79 0.00
ALTAMONT_115KV_TB 2 55880	20.01 0.39 0.00	18.80 0.37 0.00	18.19 0.36 0.00	17.84 0.35 0.00	18.34 0.36 0.00	18.84 0.35 0.00	20.93 0.41 0.00	21.74 0.45 0.00	19.28 0.40 0.00	18.16 0.41 0.00	16.87 0.40 0.00	16.30 0.40 0.00	15.20 0.36 0.00	14.73 0.35 0.00	14.05 0.34 0.00	13.73 0.35 0.00	15.34 0.37 0.00	18.93 0.44 0.00	21.32 0.48 0.00	28.75 0.65 0.00	29.54 0.66 0.00	23.85 0.49 0.00	21.84 0.49 0.00	19.63 0.42 0.00
ALTONA_WT_PWR 323606	19.74 0.12 0.00	18.67 0.24 0.00	18.10 0.27 0.00	17.71 0.23 0.00	18.21 0.23 0.00	18.67 0.18 0.00	20.38 -0.14 0.00	21.04 -0.25 0.00	18.62 -0.26 0.00	17.33 -0.43 0.00	15.95 -0.53 0.00	15.32 -0.59 0.00	14.31 -0.53 0.00	13.87 -0.52 0.00	13.20 -0.51 0.00	12.88 -0.51 0.00	14.38 -0.58 0.00	17.92 -0.57 0.00	20.55 -0.29 0.00	28.05 -0.06 0.00	28.90 0.03 0.00	23.64 0.28 0.00	21.50 0.15 0.00	19.35 0.14 0.00
AMERICAN_REF_FUEL 24010	19.27 -0.35 0.00	18.03 -0.41 0.00	17.37 -0.46 0.00	17.14 -0.35 0.00	17.60 -0.38 0.00	18.12 -0.37 0.00	19.92 -0.60 0.00	20.02 -1.28 0.00	17.85 -1.04 0.00	16.65 -1.10 0.00	15.51 -0.97 0.00	14.86 -1.05 0.00	13.95 -0.89 0.00	13.54 -0.85 0.00	12.79 -0.92 0.00	12.50 -0.88 0.00	13.96 -1.00 0.00	17.18 -1.31 0.00	19.68 -1.17 0.00	26.00 -2.11 0.00	26.80 -2.08 0.00	21.94 -1.43 0.00	19.94 -1.41 0.00	18.25 -0.96 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.48 0.86 0.00	19.17 0.74 0.00	18.38 0.55 0.00	18.10 0.61 0.00	18.57 0.59 0.00	19.24 0.76 0.00	21.24 0.72 0.00	21.46 0.17 0.00	19.15 0.26 0.00	17.86 0.11 0.00	16.64 0.16 0.00	15.95 0.05 0.00	14.94 0.10 0.00	14.50 0.11 0.00	13.68 -0.03 0.00	13.39 0.00 0.00	14.98 0.01 0.00	18.45 -0.04 0.00	21.20 0.35 0.00	28.16 0.06 0.00	28.93 0.06 0.00	23.71 0.35 0.00	21.54 0.19 0.00	19.56 0.35 0.00
ARTHUR KILL_GT_1 23520	20.63 1.00 -0.01	19.31 0.87 -0.01	18.69 0.86 -0.01	18.33 0.84 -0.01	18.83 0.85 -0.01	19.34 0.85 -0.01	21.65 1.13 0.00	22.55 1.26 0.00	19.85 0.96 0.00	18.82 1.07 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.71 1.00 0.00	14.42 1.03 0.00	16.07 1.11 0.00	19.84 1.35 0.00	22.24 1.40 0.00	29.91 1.80 0.00	30.87 1.99 0.00	24.74 1.38 0.00	22.81 1.45 -0.01	20.43 1.21 -0.01
ARTHUR_KILL_2 23512	20.57 0.94 -0.01	19.27 0.83 -0.01	18.66 0.82 -0.01	18.28 0.79 -0.01	18.80 0.81 -0.01	19.31 0.81 -0.01	21.59 1.07 0.00	22.49 1.19 0.00	19.79 0.91 0.00	18.78 1.03 0.00	17.50 1.02 0.00	16.94 1.03 0.00	15.79 0.95 0.00	15.29 0.91 0.00	14.67 0.96 0.00	14.38 0.99 0.00	16.02 1.06 0.00	19.80 1.31 0.00	22.20 1.35 0.00	29.82 1.71 0.00	30.78 1.91 0.00	24.67 1.31 0.00	22.74 1.39 -0.01	20.37 1.15 -0.01
ARTHUR_KILL_3 23513	20.29 0.67 0.00	19.01 0.57 0.00	18.45 0.62 0.00	18.08 0.59 0.00	18.57 0.59 0.00	19.02 0.54 0.00	21.26 0.74 0.00	22.25 0.96 0.00	19.72 0.83 0.00	18.69 0.94 0.00	17.40 0.92 0.00	16.81 0.91 0.00	15.66 0.82 0.00	15.16 0.78 0.00	14.52 0.81 0.00	14.23 0.84 0.00	15.86 0.90 0.00	19.58 1.09 0.00	21.93 1.08 0.00	29.40 1.29 0.00	30.26 1.39 0.00	24.34 0.98 0.00	22.37 1.02 0.00	20.11 0.90 0.00

ARTHUR_KILL_COGEN 323718	20.63 1.00 -0.01	19.31 0.87 -0.01	18.69 0.86 -0.01	18.33 0.84 -0.01	18.83 0.85 -0.01	19.34 0.85 -0.01	21.65 1.13 0.00	22.55 1.26 0.00	19.85 0.96 0.00	18.82 1.07 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.71 1.00 0.00	14.42 1.03 0.00	16.07 1.11 0.00	19.84 1.35 0.00	22.24 1.40 0.00	29.91 1.80 0.00	30.87 1.99 0.00	24.74 1.38 0.00	22.81 1.45 -0.01	20.43 1.21 -0.01
ASHOKAN____ 23654	20.82 1.20 0.00	19.50 1.07 0.00	18.86 1.03 0.00	18.48 1.00 0.00	19.06 1.08 0.00	19.36 0.87 0.00	21.36 0.84 0.00	21.87 0.58 0.00	19.08 0.19 0.00	17.77 0.02 0.00	16.45 -0.03 0.00	15.87 -0.03 0.00	14.77 -0.07 0.00	14.31 -0.07 0.00	13.74 0.03 0.00	13.41 0.03 0.00	14.99 0.03 0.00	18.53 0.04 0.00	20.97 0.13 0.00	28.47 0.36 0.00	29.36 0.49 0.00	23.85 0.49 0.00	21.99 0.64 0.00	19.96 0.75 0.00
ASTORIA_EAST_ENERGY_CC1 323581	20.57 0.94 -0.01	19.27 0.83 -0.01	18.71 0.87 -0.01	18.35 0.86 -0.01	18.85 0.86 -0.01	19.34 0.85 -0.01	21.59 1.07 0.00	22.44 1.15 0.00	19.80 0.93 0.01	18.82 1.07 -0.01	17.54 1.06 -0.01	16.96 1.05 -0.01	15.80 0.95 -0.01	15.30 0.91 -0.01	14.66 0.95 -0.01	14.37 0.98 -0.01	16.00 1.03 -0.01	19.74 1.24 -0.01	22.02 1.19 0.01	29.59 1.49 0.01	30.48 1.62 0.01	24.41 1.05 0.00	22.59 1.24 -0.01	20.31 1.09 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	20.57 0.94 -0.01	19.27 0.83 -0.01	18.71 0.87 -0.01	18.35 0.86 -0.01	18.85 0.86 -0.01	19.34 0.85 -0.01	21.59 1.07 0.00	22.44 1.15 0.00	19.80 0.93 0.01	18.82 1.07 -0.01	17.54 1.06 -0.01	16.96 1.05 -0.01	15.80 0.95 -0.01	15.32 0.92 -0.01	14.66 0.95 -0.01	14.37 0.98 -0.01	16.00 1.03 -0.01	19.76 1.26 -0.01	22.02 1.19 0.01	29.59 1.49 0.01	30.48 1.62 0.01	24.41 1.05 0.00	22.59 1.24 -0.01	20.31 1.09 -0.01
ASTORIA_GT2_1 24094	20.59 0.96 -0.01	19.37 0.92 -0.01	18.71 0.87 -0.01	18.37 0.87 -0.01	18.87 0.88 -0.01	19.33 0.83 -0.01	21.59 1.07 0.00	22.47 1.17 0.00	19.83 0.94 0.00	18.83 1.07 -0.02	17.55 1.05 -0.02	16.97 1.05 -0.02	15.84 0.98 -0.02	15.35 0.95 -0.02	14.67 0.95 -0.02	14.38 0.98 -0.02	16.01 1.03 -0.02	19.76 1.26 -0.02	22.05 1.21 0.00	29.60 1.49 0.00	30.52 1.65 0.00	24.44 1.07 0.00	22.55 1.20 -0.01	20.33 1.11 -0.01
ASTORIA_GT2_2 24095	20.59 0.96 -0.01	19.37 0.92 -0.01	18.71 0.87 -0.01	18.37 0.87 -0.01	18.87 0.88 -0.01	19.33 0.83 -0.01	21.59 1.07 0.00	22.47 1.17 0.00	19.83 0.94 0.00	18.83 1.07 -0.02	17.55 1.05 -0.02	16.97 1.05 -0.02	15.84 0.98 -0.02	15.35 0.95 -0.02	14.67 0.95 -0.02	14.38 0.98 -0.02	16.01 1.03 -0.02	19.76 1.26 -0.02	22.05 1.21 0.00	29.60 1.49 0.00	30.52 1.65 0.00	24.44 1.07 0.00	22.55 1.20 -0.01	20.33 1.11 -0.01
ASTORIA_GT2_3 24096	20.59 0.96 -0.01	19.37 0.92 -0.01	18.71 0.87 -0.01	18.37 0.87 -0.01	18.87 0.88 -0.01	19.33 0.83 -0.01	21.59 1.07 0.00	22.47 1.17 0.00	19.83 0.94 0.00	18.83 1.07 -0.02	17.55 1.05 -0.02	16.97 1.05 -0.02	15.84 0.98 -0.02	15.35 0.95 -0.02	14.67 0.95 -0.02	14.38 0.98 -0.02	16.01 1.03 -0.02	19.76 1.26 -0.02	22.05 1.21 0.00	29.60 1.49 0.00	30.52 1.65 0.00	24.44 1.07 0.00	22.55 1.20 -0.01	20.33 1.11 -0.01
ASTORIA_GT2_4 24097	20.59 0.96 -0.01	19.37 0.92 -0.01	18.71 0.87 -0.01	18.37 0.87 -0.01	18.87 0.88 -0.01	19.33 0.83 -0.01	21.59 1.07 0.00	22.47 1.17 0.00	19.83 0.94 0.00	18.83 1.07 -0.02	17.55 1.05 -0.02	16.97 1.05 -0.02	15.84 0.98 -0.02	15.35 0.95 -0.02	14.67 0.95 -0.02	14.38 0.98 -0.02	16.01 1.03 -0.02	19.76 1.26 -0.02	22.05 1.21 0.00	29.60 1.49 0.00	30.52 1.65 0.00	24.44 1.07 0.00	22.55 1.20 -0.01	20.33 1.11 -0.01
ASTORIA_GT3_1 24098	20.59 0.96 -0.01	19.37 0.92 -0.01	18.71 0.87 -0.01	18.37 0.87 -0.01	18.87 0.88 -0.01	19.33 0.83 -0.01	21.59 1.07 0.00	22.47 1.17 0.00	19.83 0.94 0.00	18.83 1.07 -0.02	17.55 1.05 -0.02	16.97 1.05 -0.02	15.84 0.98 -0.02	15.35 0.95 -0.02	14.67 0.95 -0.02	14.38 0.98 -0.02	16.01 1.03 -0.02	19.76 1.26 -0.02	22.05 1.21 0.00	29.60 1.49 0.00	30.52 1.65 0.00	24.44 1.07 0.00	22.55 1.20 -0.01	20.33 1.11 -0.01
ASTORIA_GT3_2 24099	20.59 0.96 -0.01	19.37 0.92 -0.01	18.71 0.87 -0.01	18.37 0.87 -0.01	18.87 0.88 -0.01	19.33 0.83 -0.01	21.59 1.07 0.00	22.47 1.17 0.00	19.83 0.94 0.00	18.83 1.07 -0.02	17.55 1.05 -0.02	16.97 1.05 -0.02	15.84 0.98 -0.02	15.35 0.95 -0.02	14.67 0.95 -0.02	14.38 0.98 -0.02	16.01 1.03 -0.02	19.76 1.26 -0.02	22.05 1.21 0.00	29.60 1.49 0.00	30.52 1.65 0.00	24.44 1.07 0.00	22.55 1.20 -0.01	20.33 1.11 -0.01
ASTORIA_GT3_3 24100	20.59 0.96 -0.01	19.37 0.92 -0.01	18.71 0.87 -0.01	18.37 0.87 -0.01	18.87 0.88 -0.01	19.33 0.83 -0.01	21.59 1.07 0.00	22.47 1.17 0.00	19.83 0.94 0.00	18.83 1.07 -0.02	17.55 1.05 -0.02	16.97 1.05 -0.02	15.84 0.98 -0.02	15.35 0.95 -0.02	14.67 0.95 -0.02	14.38 0.98 -0.02	16.01 1.03 -0.02	19.76 1.26 -0.02	22.05 1.21 0.00	29.60 1.49 0.00	30.52 1.65 0.00	24.44 1.07 0.00	22.55 1.20 -0.01	20.33 1.11 -0.01
ASTORIA_GT3_4 24101	20.59 0.96 -0.01	19.37 0.92 -0.01	18.71 0.87 -0.01	18.37 0.87 -0.01	18.87 0.88 -0.01	19.33 0.83 -0.01	21.59 1.07 0.00	22.47 1.17 0.00	19.83 0.94 0.00	18.83 1.07 -0.02	17.55 1.05 -0.02	16.97 1.05 -0.02	15.84 0.98 -0.02	15.35 0.95 -0.02	14.67 0.95 -0.02	14.38 0.98 -0.02	16.01 1.03 -0.02	19.76 1.26 -0.02	22.05 1.21 0.00	29.60 1.49 0.00	30.52 1.65 0.00	24.44 1.07 0.00	22.55 1.20 -0.01	20.33 1.11 -0.01
ASTORIA_GT4_1 24102	20.59 0.96 -0.01	19.37 0.92 -0.01	18.71 0.87 -0.01	18.37 0.87 -0.01	18.87 0.88 -0.01	19.33 0.83 -0.01	21.59 1.07 0.00	22.47 1.17 0.00	19.83 0.94 0.00	18.83 1.07 -0.02	17.55 1.05 -0.02	16.97 1.05 -0.02	15.84 0.98 -0.02	15.35 0.95 -0.02	14.67 0.95 -0.02	14.38 0.98 -0.02	16.01 1.03 -0.02	19.76 1.26 -0.02	22.05 1.21 0.00	29.60 1.49 0.00	30.52 1.65 0.00	24.44 1.07 0.00	22.55 1.20 -0.01	20.33 1.11 -0.01
ASTORIA_GT4_2 24103	20.59 0.96 -0.01	19.37 0.92 -0.01	18.71 0.87 -0.01	18.37 0.87 -0.01	18.87 0.88 -0.01	19.33 0.83 -0.01	21.59 1.07 0.00	22.47 1.17 0.00	19.83 0.94 0.00	18.83 1.07 -0.02	17.55 1.05 -0.02	16.97 1.05 -0.02	15.84 0.98 -0.02	15.35 0.95 -0.02	14.67 0.95 -0.02	14.38 0.98 -0.02	16.01 1.03 -0.02	19.76 1.26 -0.02	22.05 1.21 0.00	29.60 1.49 0.00	30.52 1.65 0.00	24.44 1.07 0.00	22.55 1.20 -0.01	20.33 1.11 -0.01
ASTORIA_GT4_3 24104	20.59 0.96 -0.01	19.37 0.92 -0.01	18.71 0.87 -0.01	18.37 0.87 -0.01	18.87 0.88 -0.01	19.33 0.83 -0.01	21.59 1.07 0.00	22.47 1.17 0.00	19.83 0.94 0.00	18.83 1.07 -0.02	17.55 1.05 -0.02	16.97 1.05 -0.02	15.84 0.98 -0.02	15.35 0.95 -0.02	14.67 0.95 -0.02	14.38 0.98 -0.02	16.01 1.03 -0.02	19.76 1.26 -0.02	22.05 1.21 0.00	29.60 1.49 0.00	30.52 1.65 0.00	24.44 1.07 0.00	22.55 1.20 -0.01	20.33 1.11 -0.01

ASTORIA_GT4_4 24105	20.59 0.96 -0.01	19.37 0.92 -0.01	18.71 0.87 -0.01	18.37 0.87 -0.01	18.87 0.88 -0.01	19.33 0.83 -0.01	21.59 1.07 0.00	22.47 1.17 0.00	19.83 0.94 0.00	18.83 1.07 -0.02	17.55 1.05 -0.02	16.97 1.05 -0.02	15.84 0.98 -0.02	15.35 0.95 -0.02	14.67 0.95 -0.02	14.38 0.98 -0.02	16.01 1.03 -0.02	19.76 1.26 -0.02	22.05 1.21 0.00	29.60 1.49 0.00	30.52 1.65 0.00	24.44 1.07 0.00	22.55 1.20 -0.01	20.33 1.11 -0.01
ASTORIA_GT_1 23523	20.61 0.98 -0.01	19.31 0.87 -0.01	18.75 0.91 -0.01	18.39 0.89 -0.01	18.88 0.90 -0.01	19.38 0.89 -0.01	21.63 1.11 0.00	22.49 1.19 0.00	19.84 0.96 0.01	18.86 1.10 -0.01	17.57 1.09 -0.01	17.00 1.08 -0.01	15.83 0.98 -0.01	15.33 0.93 -0.01	14.69 0.97 -0.01	14.39 0.99 -0.01	16.03 1.06 -0.01	19.77 1.27 -0.01	22.07 1.23 0.01	29.64 1.54 0.01	30.54 1.67 0.01	24.46 1.10 0.00	22.64 1.28 -0.01	20.35 1.13 -0.01
ASTORIA_GT_10 24110	20.55 0.92 -0.01	19.31 0.87 -0.01	18.66 0.82 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.51 0.98 0.00	22.44 1.15 0.00	19.83 0.94 0.00	18.80 1.05 0.00	17.52 1.04 0.00	16.94 1.03 0.00	15.80 0.96 0.00	15.32 0.94 0.00	14.64 0.93 0.00	14.35 0.96 0.00	15.98 1.02 0.00	19.71 1.22 0.00	22.07 1.23 0.00	29.65 1.55 0.00	30.58 1.70 0.00	24.53 1.17 0.00	22.57 1.22 -0.01	20.33 1.11 -0.01
ASTORIA_GT_11 24225	20.55 0.92 -0.01	19.31 0.87 -0.01	18.66 0.82 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.51 0.98 0.00	22.44 1.15 0.00	19.83 0.94 0.00	18.80 1.05 0.00	17.52 1.04 0.00	16.94 1.03 0.00	15.80 0.96 0.00	15.32 0.94 0.00	14.64 0.93 0.00	14.35 0.96 0.00	15.98 1.02 0.00	19.71 1.22 0.00	22.07 1.23 0.00	29.65 1.55 0.00	30.58 1.70 0.00	24.53 1.17 0.00	22.57 1.22 -0.01	20.33 1.11 -0.01
ASTORIA_GT_12 24226	20.55 0.92 -0.01	19.31 0.87 -0.01	18.66 0.82 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.51 0.98 0.00	22.44 1.15 0.00	19.83 0.94 0.00	18.80 1.05 0.00	17.52 1.04 0.00	16.94 1.03 0.00	15.80 0.96 0.00	15.32 0.94 0.00	14.64 0.93 0.00	14.35 0.96 0.00	15.98 1.02 0.00	19.71 1.22 0.00	22.07 1.23 0.00	29.65 1.55 0.00	30.58 1.70 0.00	24.53 1.17 0.00	22.57 1.22 -0.01	20.33 1.11 -0.01
ASTORIA_GT_13 24227	20.55 0.92 -0.01	19.31 0.87 -0.01	18.66 0.82 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.51 0.98 0.00	22.44 1.15 0.00	19.83 0.94 0.00	18.80 1.05 0.00	17.52 1.04 0.00	16.94 1.03 0.00	15.80 0.96 0.00	15.32 0.94 0.00	14.64 0.93 0.00	14.35 0.96 0.00	15.98 1.02 0.00	19.71 1.22 0.00	22.07 1.23 0.00	29.65 1.55 0.00	30.58 1.70 0.00	24.53 1.17 0.00	22.57 1.22 -0.01	20.33 1.11 -0.01
ASTORIA_GT_5 24106	20.61 0.98 -0.01	19.38 0.94 -0.01	18.75 0.91 -0.01	18.40 0.91 -0.01	18.89 0.90 -0.01	19.36 0.87 -0.01	21.63 1.11 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.87 1.10 -0.02	17.58 1.09 -0.02	17.00 1.08 -0.02	15.86 1.01 -0.02	15.38 0.98 -0.02	14.70 0.97 -0.02	14.39 0.99 -0.02	16.04 1.06 -0.02	19.78 1.28 -0.02	22.07 1.23 0.00	29.65 1.55 0.00	30.55 1.67 0.00	24.46 1.10 0.00	22.59 1.24 -0.01	20.35 1.13 -0.01
ASTORIA_GT_7 24107	20.61 0.98 -0.01	19.38 0.94 -0.01	18.75 0.91 -0.01	18.40 0.91 -0.01	18.89 0.90 -0.01	19.36 0.87 -0.01	21.63 1.11 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.87 1.10 -0.02	17.58 1.09 -0.02	17.00 1.08 -0.02	15.86 1.01 -0.02	15.38 0.98 -0.02	14.70 0.97 -0.02	14.39 0.99 -0.02	16.04 1.06 -0.02	19.78 1.28 -0.02	22.07 1.23 0.00	29.65 1.55 0.00	30.55 1.67 0.00	24.46 1.10 0.00	22.59 1.24 -0.01	20.35 1.13 -0.01
ASTORIA_GT_8 24108	20.61 0.98 -0.01	19.38 0.94 -0.01	18.75 0.91 -0.01	18.40 0.91 -0.01	18.89 0.90 -0.01	19.36 0.87 -0.01	21.63 1.11 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.87 1.10 -0.02	17.58 1.09 -0.02	17.00 1.08 -0.02	15.86 1.01 -0.02	15.38 0.98 -0.02	14.70 0.97 -0.02	14.39 0.99 -0.02	16.04 1.06 -0.02	19.78 1.28 -0.02	22.07 1.23 0.00	29.65 1.55 0.00	30.55 1.67 0.00	24.46 1.10 0.00	22.59 1.24 -0.01	20.35 1.13 -0.01
ASTORIA___2 24149	20.59 0.96 -0.01	19.27 0.83 -0.01	18.71 0.87 -0.01	18.35 0.86 -0.01	18.87 0.88 -0.01	19.34 0.85 -0.01	21.59 1.07 0.00	22.46 1.17 0.00	19.82 0.94 0.01	18.82 1.07 -0.01	17.54 1.06 -0.01	16.96 1.05 -0.01	15.80 0.95 -0.01	15.32 0.92 -0.01	14.66 0.95 -0.01	14.37 0.98 -0.01	16.00 1.03 -0.01	19.76 1.26 -0.01	22.05 1.21 0.01	29.59 1.49 0.01	30.48 1.62 0.01	24.44 1.08 0.00	22.59 1.24 -0.01	20.33 1.11 -0.01
ASTORIA___3 23516	20.55 0.92 -0.01	19.24 0.79 -0.01	18.66 0.82 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.51 0.98 0.00	22.44 1.15 0.00	19.83 0.94 0.00	18.80 1.05 0.00	17.52 1.04 0.00	16.94 1.03 0.00	15.78 0.94 0.00	15.29 0.91 0.00	14.64 0.93 0.00	14.35 0.96 0.00	15.98 1.02 0.00	19.71 1.22 0.00	22.07 1.23 0.00	29.65 1.54 0.00	30.55 1.67 0.00	24.53 1.17 0.00	22.59 1.24 -0.01	20.31 1.09 -0.01
ASTORIA___4 23517	20.55 0.92 -0.01	19.31 0.87 -0.01	18.66 0.82 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.51 0.98 0.00	22.44 1.15 0.00	19.83 0.94 0.00	18.80 1.05 0.00	17.52 1.04 0.00	16.94 1.03 0.00	15.80 0.96 0.00	15.32 0.94 0.00	14.64 0.93 0.00	14.35 0.96 0.00	15.98 1.02 0.00	19.71 1.22 0.00	22.07 1.23 0.00	29.65 1.55 0.00	30.58 1.70 0.00	24.53 1.17 0.00	22.57 1.22 -0.01	20.31 1.10 -0.01
ASTORIA___5 23518	20.55 0.92 -0.01	19.24 0.79 -0.01	18.66 0.82 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.51 0.98 0.00	22.44 1.15 0.00	19.83 0.94 0.00	18.80 1.05 0.00	17.52 1.04 0.00	16.94 1.03 0.00	15.78 0.94 0.00	15.29 0.91 0.00	14.64 0.93 0.00	14.35 0.96 0.00	15.98 1.02 0.00	19.71 1.22 0.00	22.07 1.23 0.00	29.65 1.54 0.00	30.55 1.67 0.00	24.53 1.17 0.00	22.59 1.24 -0.01	20.33 1.11 -0.01
AST_ENERGY_2_CC3 323677	20.36 0.75 0.00	19.06 0.63 0.00	18.49 0.66 0.00	18.13 0.65 0.00	18.62 0.65 0.00	19.06 0.57 0.00	21.30 0.78 0.00	22.29 1.00 0.00	19.74 0.85 0.00	18.73 0.98 0.00	17.43 0.96 0.00	16.84 0.94 0.00	15.70 0.86 0.00	15.21 0.82 0.00	14.56 0.85 0.00	14.26 0.87 0.00	15.90 0.94 0.00	19.62 1.13 0.00	21.95 1.10 0.00	29.43 1.32 0.00	30.32 1.44 0.00	24.37 1.00 0.00	22.42 1.07 0.00	20.15 0.94 0.00
AST_ENERGY_2_CC4 323678	20.36 0.75 0.00	19.06 0.63 0.00	18.49 0.66 0.00	18.13 0.65 0.00	18.62 0.65 0.00	19.06 0.57 0.00	21.30 0.78 0.00	22.29 1.00 0.00	19.74 0.85 0.00	18.73 0.98 0.00	17.43 0.96 0.00	16.84 0.94 0.00	15.70 0.86 0.00	15.21 0.82 0.00	14.56 0.85 0.00	14.26 0.87 0.00	15.90 0.94 0.00	19.62 1.13 0.00	21.95 1.10 0.00	29.43 1.32 0.00	30.32 1.44 0.00	24.37 1.00 0.00	22.42 1.07 0.00	20.15 0.94 0.00

ATHENS_STG_1 23668	19.99 0.37 0.00	18.77 0.33 0.00	18.17 0.34 0.00	17.82 0.33 0.00	18.32 0.34 0.00	18.82 0.33 0.00	20.93 0.41 0.00	21.80 0.51 0.00	19.34 0.45 0.00	18.23 0.48 0.00	16.94 0.46 0.00	16.38 0.48 0.00	15.27 0.43 0.00	14.80 0.42 0.00	14.13 0.43 0.00	13.81 0.43 0.00	15.41 0.45 0.00	19.03 0.54 0.00	21.39 0.54 0.00	28.81 0.70 0.00	29.60 0.72 0.00	23.88 0.51 0.00	21.86 0.51 0.00	19.65 0.44 0.00
ATHENS_STG_2 23670	19.99 0.37 0.00	18.77 0.33 0.00	18.17 0.34 0.00	17.82 0.33 0.00	18.32 0.34 0.00	18.82 0.33 0.00	20.93 0.41 0.00	21.80 0.51 0.00	19.34 0.45 0.00	18.23 0.48 0.00	16.94 0.46 0.00	16.38 0.48 0.00	15.27 0.43 0.00	14.80 0.42 0.00	14.13 0.43 0.00	13.81 0.43 0.00	15.41 0.45 0.00	19.03 0.54 0.00	21.39 0.54 0.00	28.81 0.70 0.00	29.60 0.72 0.00	23.88 0.51 0.00	21.86 0.51 0.00	19.65 0.44 0.00
ATHENS_STG_3 23677	19.99 0.37 0.00	18.77 0.33 0.00	18.17 0.34 0.00	17.82 0.33 0.00	18.32 0.34 0.00	18.82 0.33 0.00	20.93 0.41 0.00	21.80 0.51 0.00	19.34 0.45 0.00	18.23 0.48 0.00	16.94 0.46 0.00	16.38 0.48 0.00	15.27 0.43 0.00	14.80 0.42 0.00	14.13 0.43 0.00	13.81 0.43 0.00	15.41 0.45 0.00	19.03 0.54 0.00	21.39 0.54 0.00	28.81 0.70 0.00	29.60 0.72 0.00	23.88 0.51 0.00	21.86 0.51 0.00	19.65 0.44 0.00
AUBURN___LFGE 323710	19.68 0.06 0.00	18.45 0.02 0.00	17.83 0.00 0.00	17.49 0.00 0.00	17.98 0.00 0.00	18.56 0.07 0.00	20.60 0.08 0.00	21.29 0.00 0.00	18.93 0.04 0.00	17.75 0.00 0.00	16.46 -0.02 0.00	15.87 -0.03 0.00	14.81 -0.03 0.00	14.34 -0.04 0.00	13.65 -0.05 0.00	13.32 -0.07 0.00	14.93 -0.03 0.00	18.47 -0.02 0.00	20.87 0.02 0.00	28.19 0.08 0.00	28.93 0.06 0.00	23.46 0.09 0.00	21.35 0.00 0.00	19.21 0.00 0.00
BABYLON_RES_REC 323704	20.80 1.18 0.00	19.43 0.99 0.00	18.74 0.91 0.00	18.34 0.86 0.00	18.82 0.85 0.00	19.34 0.85 0.00	23.97 1.27 -2.17	25.18 1.47 -2.42	19.91 1.02 0.00	18.69 0.94 0.00	17.25 0.77 0.00	16.64 0.73 0.00	15.48 0.64 0.00	15.02 0.63 0.00	14.46 0.75 0.00	14.15 0.76 0.00	15.92 0.96 0.00	19.77 1.27 0.00	22.43 1.58 0.00	29.91 1.80 0.00	30.78 1.91 0.00	25.25 1.59 -0.29	22.95 1.58 -0.02	20.38 1.17 0.00
BABYLON__69_KV_BK2 356345	21.05 1.43 0.00	19.73 1.29 0.00	18.95 1.12 0.00	18.57 1.08 0.00	19.04 1.06 0.00	19.56 1.07 0.00	24.19 1.50 -2.17	25.40 1.68 -2.42	20.12 1.23 0.00	18.91 1.15 0.00	17.42 0.94 0.00	16.80 0.89 0.00	15.79 0.95 0.00	15.34 0.95 0.00	14.61 0.90 0.00	14.30 0.91 0.00	16.08 1.12 0.00	19.97 1.48 0.00	22.70 1.86 0.00	30.35 2.25 0.00	31.27 2.40 0.00	25.57 1.92 -0.29	23.20 1.84 -0.02	20.61 1.40 0.00
BALL_HILL_WT_PWR 323825	20.13 0.51 0.00	18.82 0.39 0.00	18.10 0.27 0.00	17.82 0.33 0.00	18.28 0.31 0.00	18.93 0.44 0.00	20.87 0.35 0.00	21.06 -0.23 0.00	18.79 -0.09 0.00	17.52 -0.23 0.00	16.31 -0.16 0.00	15.65 -0.26 0.00	14.68 -0.16 0.00	14.24 -0.14 0.00	13.45 -0.26 0.00	13.16 -0.23 0.00	14.71 -0.25 0.00	18.12 -0.37 0.00	20.78 -0.06 0.00	27.57 -0.53 0.00	28.32 -0.55 0.00	23.22 -0.14 0.00	21.11 -0.23 0.00	19.19 -0.02 0.00
BARON_WINDS___WT_PWR 323822	20.32 0.71 0.00	18.99 0.55 0.00	18.26 0.43 0.00	17.96 0.47 0.00	18.39 0.41 0.00	19.06 0.57 0.00	21.14 0.62 0.00	21.74 0.45 0.00	19.28 0.40 0.00	18.03 0.28 0.00	16.73 0.25 0.00	16.13 0.22 0.00	15.08 0.24 0.00	14.62 0.23 0.00	13.86 0.15 0.00	13.55 0.16 0.00	15.23 0.27 0.00	18.88 0.39 0.00	21.49 0.65 0.00	29.03 0.93 0.00	29.77 0.90 0.00	24.27 0.91 0.00	22.07 0.73 0.00	19.83 0.61 0.00
BARRETT_IC_1 23704	20.52 0.90 0.00	19.19 0.76 0.00	18.53 0.69 0.00	18.13 0.65 0.00	18.61 0.63 0.00	19.11 0.63 0.00	23.72 1.03 -2.17	24.95 1.23 -2.42	19.70 0.81 0.00	18.55 0.80 0.00	17.14 0.66 0.00	16.53 0.62 0.00	15.37 0.53 0.00	14.93 0.55 0.00	14.35 0.64 0.00	14.04 0.66 0.00	15.77 0.81 0.00	19.54 1.05 0.00	22.14 1.29 0.00	29.40 1.29 0.00	30.23 1.36 0.00	24.91 1.26 -0.29	22.64 1.28 -0.01	20.15 0.94 0.00
BARRETT_IC_10 23701	20.52 0.90 0.00	19.19 0.76 0.00	18.53 0.69 0.00	18.13 0.65 0.00	18.61 0.63 0.00	19.11 0.63 0.00	23.72 1.03 -2.17	24.95 1.23 -2.42	19.70 0.81 0.00	18.55 0.80 0.00	17.14 0.66 0.00	16.53 0.62 0.00	15.37 0.53 0.00	14.93 0.55 0.00	14.35 0.64 0.00	14.04 0.66 0.00	15.77 0.81 0.00	19.54 1.05 0.00	22.14 1.29 0.00	29.40 1.29 0.00	30.23 1.36 0.00	24.91 1.26 -0.29	22.64 1.28 -0.01	20.15 0.94 0.00
BARRETT_IC_11 23702	20.52 0.90 0.00	19.19 0.76 0.00	18.53 0.69 0.00	18.13 0.65 0.00	18.61 0.63 0.00	19.11 0.63 0.00	23.72 1.03 -2.17	24.95 1.23 -2.42	19.70 0.81 0.00	18.55 0.80 0.00	17.14 0.66 0.00	16.53 0.62 0.00	15.37 0.53 0.00	14.93 0.55 0.00	14.35 0.64 0.00	14.04 0.66 0.00	15.77 0.81 0.00	19.54 1.05 0.00	22.14 1.29 0.00	29.40 1.29 0.00	30.23 1.36 0.00	24.91 1.26 -0.29	22.64 1.28 -0.01	20.15 0.94 0.00
BARRETT_IC_12 23703	20.52 0.90 0.00	19.19 0.76 0.00	18.53 0.69 0.00	18.13 0.65 0.00	18.61 0.63 0.00	19.11 0.63 0.00	23.72 1.03 -2.17	24.95 1.23 -2.42	19.70 0.81 0.00	18.55 0.80 0.00	17.14 0.66 0.00	16.53 0.62 0.00	15.37 0.53 0.00	14.93 0.55 0.00	14.35 0.64 0.00	14.04 0.66 0.00	15.77 0.81 0.00	19.54 1.05 0.00	22.14 1.29 0.00	29.40 1.29 0.00	30.23 1.36 0.00	24.91 1.26 -0.29	22.64 1.28 -0.01	20.15 0.94 0.00
BARRETT_IC_2 23705	20.52 0.90 0.00	19.19 0.76 0.00	18.53 0.69 0.00	18.13 0.65 0.00	18.61 0.63 0.00	19.11 0.63 0.00	23.72 1.03 -2.17	24.95 1.23 -2.42	19.70 0.81 0.00	18.55 0.80 0.00	17.14 0.66 0.00	16.53 0.62 0.00	15.37 0.53 0.00	14.93 0.55 0.00	14.35 0.64 0.00	14.04 0.66 0.00	15.77 0.81 0.00	19.54 1.05 0.00	22.14 1.29 0.00	29.40 1.29 0.00	30.23 1.36 0.00	24.91 1.26 -0.29	22.64 1.28 -0.01	20.15 0.94 0.00
BARRETT_IC_3 23706	20.52 0.90 0.00	19.19 0.76 0.00	18.53 0.69 0.00	18.13 0.65 0.00	18.61 0.63 0.00	19.11 0.63 0.00	23.72 1.03 -2.17	24.95 1.23 -2.42	19.70 0.81 0.00	18.55 0.80 0.00	17.14 0.66 0.00	16.53 0.62 0.00	15.37 0.53 0.00	14.93 0.55 0.00	14.35 0.64 0.00	14.04 0.66 0.00	15.77 0.81 0.00	19.54 1.05 0.00	22.14 1.29 0.00	29.40 1.29 0.00	30.23 1.36 0.00	24.91 1.26 -0.29	22.64 1.28 -0.01	20.15 0.94 0.00
BARRETT_IC_4 23707	20.52 0.90 0.00	19.19 0.76 0.00	18.53 0.69 0.00	18.13 0.65 0.00	18.61 0.63 0.00	19.11 0.63 0.00	23.72 1.03 -2.17	24.95 1.23 -2.42	19.70 0.81 0.00	18.55 0.80 0.00	17.14 0.66 0.00	16.53 0.62 0.00	15.37 0.53 0.00	14.93 0.55 0.00	14.35 0.64 0.00	14.04 0.66 0.00	15.77 0.81 0.00	19.54 1.05 0.00	22.14 1.29 0.00	29.40 1.29 0.00	30.23 1.36 0.00	24.91 1.26 -0.29	22.64 1.28 -0.01	20.15 0.94 0.00

BARRETT_IC_5 23708	20.52 0.90 0.00	19.19 0.76 0.00	18.53 0.69 0.00	18.13 0.65 0.00	18.61 0.63 0.00	19.11 0.63 0.00	23.72 1.03 -2.17	24.95 1.23 -2.42	19.70 0.81 0.00	18.55 0.80 0.00	17.14 0.66 0.00	16.53 0.62 0.00	15.37 0.53 0.00	14.93 0.55 0.00	14.35 0.64 0.00	14.04 0.66 0.00	15.77 0.81 0.00	19.54 1.05 0.00	22.14 1.29 0.00	29.40 1.29 0.00	30.23 1.36 0.00	24.91 1.26 -0.29	22.64 1.28 -0.01	20.15 0.94 0.00
BARRETT_IC_6 23709	20.52 0.90 0.00	19.19 0.76 0.00	18.53 0.69 0.00	18.13 0.65 0.00	18.61 0.63 0.00	19.11 0.63 0.00	23.72 1.03 -2.17	24.95 1.23 -2.42	19.70 0.81 0.00	18.55 0.80 0.00	17.14 0.66 0.00	16.53 0.62 0.00	15.37 0.53 0.00	14.93 0.55 0.00	14.35 0.64 0.00	14.04 0.66 0.00	15.77 0.81 0.00	19.54 1.05 0.00	22.14 1.29 0.00	29.40 1.29 0.00	30.23 1.36 0.00	24.91 1.26 -0.29	22.64 1.28 -0.01	20.15 0.94 0.00
BARRETT_IC_7 23710	20.54 0.92 0.00	19.25 0.81 0.00	18.53 0.70 0.00	18.15 0.66 0.00	18.61 0.63 0.00	19.11 0.63 0.00	23.72 1.03 -2.17	24.95 1.24 -2.42	19.70 0.81 0.00	18.55 0.80 0.00	17.14 0.66 0.00	16.53 0.62 0.00	15.51 0.67 0.00	15.06 0.68 0.00	14.35 0.64 0.00	14.04 0.66 0.00	15.77 0.81 0.00	19.54 1.05 0.00	22.14 1.29 0.00	29.43 1.32 0.00	30.29 1.41 0.00	24.91 1.26 -0.29	22.62 1.26 -0.01	20.15 0.94 0.00
BARRETT_IC_8 23711	20.52 0.90 0.00	19.19 0.76 0.00	18.53 0.69 0.00	18.13 0.65 0.00	18.61 0.63 0.00	19.11 0.63 0.00	23.72 1.03 -2.17	24.95 1.23 -2.42	19.70 0.81 0.00	18.55 0.80 0.00	17.14 0.66 0.00	16.53 0.62 0.00	15.37 0.53 0.00	14.93 0.55 0.00	14.35 0.64 0.00	14.04 0.66 0.00	15.77 0.81 0.00	19.54 1.05 0.00	22.14 1.29 0.00	29.40 1.29 0.00	30.23 1.36 0.00	24.91 1.26 -0.29	22.64 1.28 -0.01	20.15 0.94 0.00
BARRETT_IC_9 23700	20.52 0.90 0.00	19.19 0.76 0.00	18.53 0.69 0.00	18.13 0.65 0.00	18.61 0.63 0.00	19.11 0.63 0.00	23.72 1.03 -2.17	24.95 1.23 -2.42	19.70 0.81 0.00	18.55 0.80 0.00	17.14 0.66 0.00	16.53 0.62 0.00	15.37 0.53 0.00	14.93 0.55 0.00	14.35 0.64 0.00	14.04 0.66 0.00	15.77 0.81 0.00	19.54 1.05 0.00	22.14 1.29 0.00	29.40 1.29 0.00	30.23 1.36 0.00	24.91 1.26 -0.29	22.64 1.28 -0.01	20.15 0.94 0.00
BARRETT___1 23545	20.52 0.90 0.00	19.19 0.76 0.00	18.53 0.69 0.00	18.13 0.65 0.00	18.61 0.63 0.00	19.11 0.63 0.00	23.72 1.03 -2.17	24.95 1.23 -2.42	19.70 0.81 0.00	18.55 0.80 0.00	17.14 0.66 0.00	16.53 0.62 0.00	15.37 0.53 0.00	14.93 0.55 0.00	14.35 0.64 0.00	14.04 0.66 0.00	15.77 0.81 0.00	19.54 1.05 0.00	22.14 1.29 0.00	29.40 1.29 0.00	30.23 1.36 0.00	24.91 1.26 -0.29	22.64 1.28 -0.01	20.15 0.94 0.00
BARRETT___2 23546	20.52 0.90 0.00	19.19 0.76 0.00	18.53 0.69 0.00	18.13 0.65 0.00	18.61 0.63 0.00	19.11 0.63 0.00	23.72 1.03 -2.17	24.95 1.23 -2.42	19.70 0.81 0.00	18.55 0.80 0.00	17.14 0.66 0.00	16.53 0.62 0.00	15.37 0.53 0.00	14.93 0.55 0.00	14.35 0.64 0.00	14.04 0.66 0.00	15.77 0.81 0.00	19.54 1.05 0.00	22.14 1.29 0.00	29.40 1.29 0.00	30.23 1.36 0.00	24.91 1.26 -0.29	22.64 1.28 -0.01	20.15 0.94 0.00
BATAVIA___115KV_TB1 55881	19.83 0.22 0.00	18.49 0.06 0.00	17.94 0.11 0.00	17.61 0.12 0.00	18.09 0.11 0.00	18.73 0.24 0.00	20.62 0.10 0.00	20.78 -0.51 0.00	18.49 -0.40 0.00	17.22 -0.53 0.00	16.00 -0.48 0.00	15.33 -0.57 0.00	14.38 -0.46 0.00	13.87 -0.52 0.00	13.20 -0.51 0.00	12.88 -0.51 0.00	14.44 -0.52 0.00	17.77 -0.72 0.00	20.41 -0.44 0.00	27.15 -0.96 0.00	28.04 -0.84 0.00	22.92 -0.44 0.00	20.73 -0.62 0.00	18.92 -0.29 0.00
BAYONEEC___CTG1 323682	20.38 0.76 0.00	19.08 0.64 0.00	18.53 0.69 0.00	18.15 0.66 0.00	18.64 0.67 0.00	19.10 0.61 0.00	21.34 0.82 0.00	22.34 1.04 0.00	19.78 0.89 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.71 0.88 0.00	15.22 0.83 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.64 1.15 0.00	21.99 1.15 0.00	29.51 1.40 0.00	30.37 1.50 0.00	24.44 1.08 0.00	22.46 1.11 0.00	20.19 0.98 0.00
BAYONEEC___CTG10 323750	20.38 0.76 0.00	19.08 0.64 0.00	18.53 0.69 0.00	18.15 0.66 0.00	18.64 0.67 0.00	19.10 0.61 0.00	21.34 0.82 0.00	22.34 1.04 0.00	19.78 0.89 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.71 0.88 0.00	15.22 0.83 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.64 1.15 0.00	21.99 1.15 0.00	29.51 1.40 0.00	30.37 1.50 0.00	24.44 1.08 0.00	22.46 1.11 0.00	20.19 0.98 0.00
BAYONEEC___CTG2 323683	20.38 0.76 0.00	19.08 0.64 0.00	18.53 0.69 0.00	18.15 0.66 0.00	18.64 0.67 0.00	19.10 0.61 0.00	21.34 0.82 0.00	22.34 1.04 0.00	19.78 0.89 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.71 0.88 0.00	15.22 0.83 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.64 1.15 0.00	21.99 1.15 0.00	29.51 1.40 0.00	30.37 1.50 0.00	24.44 1.08 0.00	22.46 1.11 0.00	20.19 0.98 0.00
BAYONEEC___CTG3 323684	20.38 0.76 0.00	19.08 0.64 0.00	18.53 0.69 0.00	18.15 0.66 0.00	18.64 0.67 0.00	19.10 0.61 0.00	21.34 0.82 0.00	22.34 1.04 0.00	19.78 0.89 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.71 0.88 0.00	15.22 0.83 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.64 1.15 0.00	21.99 1.15 0.00	29.51 1.40 0.00	30.37 1.50 0.00	24.44 1.08 0.00	22.46 1.11 0.00	20.19 0.98 0.00
BAYONEEC___CTG4 323685	20.38 0.76 0.00	19.08 0.64 0.00	18.53 0.69 0.00	18.15 0.66 0.00	18.64 0.67 0.00	19.10 0.61 0.00	21.34 0.82 0.00	22.34 1.04 0.00	19.78 0.89 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.71 0.88 0.00	15.22 0.83 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.64 1.15 0.00	21.99 1.15 0.00	29.51 1.40 0.00	30.37 1.50 0.00	24.44 1.08 0.00	22.46 1.11 0.00	20.19 0.98 0.00
BAYONEEC___CTG5 323686	20.38 0.76 0.00	19.08 0.64 0.00	18.53 0.69 0.00	18.15 0.66 0.00	18.64 0.67 0.00	19.10 0.61 0.00	21.34 0.82 0.00	22.34 1.04 0.00	19.78 0.89 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.71 0.88 0.00	15.22 0.83 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.64 1.15 0.00	21.99 1.15 0.00	29.51 1.40 0.00	30.37 1.50 0.00	24.44 1.08 0.00	22.46 1.11 0.00	20.19 0.98 0.00
BAYONEEC___CTG6 323687	20.38 0.76 0.00	19.08 0.64 0.00	18.53 0.69 0.00	18.15 0.66 0.00	18.64 0.67 0.00	19.10 0.61 0.00	21.34 0.82 0.00	22.34 1.04 0.00	19.78 0.89 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.71 0.88 0.00	15.22 0.83 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.64 1.15 0.00	21.99 1.15 0.00	29.51 1.40 0.00	30.37 1.50 0.00	24.44 1.08 0.00	22.46 1.11 0.00	20.19 0.98 0.00

BAYONEEC___CTG7 323688	20.38 0.76 0.00	19.08 0.64 0.00	18.53 0.69 0.00	18.15 0.66 0.00	18.64 0.67 0.00	19.10 0.61 0.00	21.34 0.82 0.00	22.34 1.04 0.00	19.78 0.89 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.71 0.88 0.00	15.22 0.83 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.64 1.15 0.00	21.99 1.15 0.00	29.51 1.40 0.00	30.37 1.50 0.00	24.44 1.08 0.00	22.46 1.11 0.00	20.19 0.98 0.00
BAYONEEC___CTG8 323689	20.38 0.76 0.00	19.08 0.64 0.00	18.53 0.69 0.00	18.15 0.66 0.00	18.64 0.67 0.00	19.10 0.61 0.00	21.34 0.82 0.00	22.34 1.04 0.00	19.78 0.89 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.71 0.88 0.00	15.22 0.83 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.64 1.15 0.00	21.99 1.15 0.00	29.51 1.40 0.00	30.37 1.50 0.00	24.44 1.08 0.00	22.46 1.11 0.00	20.19 0.98 0.00
BAYONEEC___CTG9 323749	20.38 0.76 0.00	19.08 0.64 0.00	18.53 0.69 0.00	18.15 0.66 0.00	18.64 0.67 0.00	19.10 0.61 0.00	21.34 0.82 0.00	22.34 1.04 0.00	19.78 0.89 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.71 0.88 0.00	15.22 0.83 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.64 1.15 0.00	21.99 1.15 0.00	29.51 1.40 0.00	30.37 1.50 0.00	24.44 1.08 0.00	22.46 1.11 0.00	20.19 0.98 0.00
BEACON___LESR 323632	20.32 0.71 0.00	19.08 0.64 0.00	18.45 0.62 0.00	18.10 0.61 0.00	18.62 0.65 0.00	19.13 0.65 0.00	21.24 0.72 0.00	22.06 0.77 0.00	19.57 0.68 0.00	18.41 0.66 0.00	17.12 0.64 0.00	16.53 0.62 0.00	15.40 0.56 0.00	14.92 0.53 0.00	14.23 0.52 0.00	13.92 0.54 0.00	15.54 0.58 0.00	19.19 0.70 0.00	21.64 0.79 0.00	29.20 1.10 0.00	30.00 1.12 0.00	24.20 0.84 0.00	22.18 0.83 0.00	19.94 0.73 0.00
BEAVER RIVER___HYD 24048	19.44 -0.18 0.00	18.25 -0.18 0.00	17.63 -0.20 0.00	17.28 -0.21 0.00	17.76 -0.21 0.00	18.30 -0.18 0.00	20.25 -0.27 0.00	20.98 -0.32 0.00	18.55 -0.34 0.00	17.33 -0.43 0.00	16.05 -0.43 0.00	15.44 -0.46 0.00	14.38 -0.46 0.00	13.92 -0.46 0.00	13.26 -0.45 0.00	12.95 -0.44 0.00	14.54 -0.42 0.00	18.10 -0.39 0.00	20.57 -0.27 0.00	27.99 -0.11 0.00	28.82 -0.06 0.00	23.29 -0.07 0.00	21.24 -0.11 0.00	19.04 -0.17 0.00
BEEBEE_GT_13 23619	19.54 -0.08 0.00	18.27 -0.17 0.00	17.69 -0.14 0.00	17.36 -0.12 0.00	17.85 -0.13 0.00	18.45 -0.04 0.00	20.36 -0.16 0.00	20.76 -0.53 0.00	18.45 -0.43 0.00	17.27 -0.48 0.00	16.05 -0.43 0.00	15.41 -0.49 0.00	14.42 -0.42 0.00	13.95 -0.43 0.00	13.27 -0.44 0.00	12.94 -0.44 0.00	14.48 -0.48 0.00	17.84 -0.65 0.00	20.32 -0.52 0.00	27.18 -0.93 0.00	28.01 -0.87 0.00	22.82 -0.54 0.00	20.71 -0.64 0.00	18.79 -0.42 0.00
BENSHRST_27_KV_BENSHRST_1 355998	20.65 1.02 -0.01	19.37 0.92 -0.01	18.73 0.89 -0.01	18.37 0.87 -0.01	18.85 0.86 -0.01	19.31 0.81 -0.01	21.61 1.09 0.00	22.55 1.26 0.00	19.93 1.04 0.00	18.89 1.14 0.00	17.61 1.14 0.00	17.04 1.13 0.00	15.89 1.05 0.00	15.41 1.02 0.00	14.75 1.04 0.00	14.44 1.06 0.00	16.08 1.12 0.00	19.86 1.37 0.00	22.26 1.42 0.00	29.91 1.80 0.00	30.84 1.96 0.00	24.69 1.33 0.00	22.72 1.37 -0.01	20.45 1.23 -0.01
BETHLEHEM___GRP 23843	20.13 0.51 0.00	18.92 0.48 0.00	18.29 0.46 0.00	17.92 0.44 0.00	18.45 0.47 0.00	18.93 0.44 0.00	21.03 0.51 0.00	21.85 0.55 0.00	19.38 0.49 0.00	18.25 0.50 0.00	16.97 0.49 0.00	16.38 0.48 0.00	15.27 0.43 0.00	14.82 0.43 0.00	14.12 0.41 0.00	13.80 0.41 0.00	15.43 0.46 0.00	19.03 0.54 0.00	21.43 0.58 0.00	28.89 0.79 0.00	29.65 0.78 0.00	23.95 0.58 0.00	21.95 0.60 0.00	19.73 0.52 0.00
BETHLEHEM___GS1 323560	20.11 0.49 0.00	18.90 0.46 0.00	18.29 0.46 0.00	17.92 0.44 0.00	18.45 0.47 0.00	18.95 0.46 0.00	21.03 0.51 0.00	21.85 0.55 0.00	19.38 0.49 0.00	18.25 0.50 0.00	16.97 0.49 0.00	16.38 0.48 0.00	15.27 0.43 0.00	14.80 0.42 0.00	14.12 0.41 0.00	13.80 0.42 0.00	15.43 0.46 0.00	19.03 0.54 0.00	21.43 0.58 0.00	28.89 0.79 0.00	29.65 0.78 0.00	23.95 0.58 0.00	21.93 0.58 0.00	19.73 0.52 0.00
BETHLEHEM___GS2 323561	20.11 0.49 0.00	18.90 0.46 0.00	18.29 0.46 0.00	17.92 0.44 0.00	18.45 0.47 0.00	18.95 0.46 0.00	21.03 0.51 0.00	21.85 0.55 0.00	19.38 0.49 0.00	18.25 0.50 0.00	16.97 0.49 0.00	16.38 0.48 0.00	15.27 0.43 0.00	14.80 0.42 0.00	14.12 0.41 0.00	13.80 0.42 0.00	15.43 0.46 0.00	19.03 0.54 0.00	21.43 0.58 0.00	28.89 0.79 0.00	29.65 0.78 0.00	23.95 0.58 0.00	21.93 0.58 0.00	19.73 0.52 0.00
BETHLEHEM___GS3 323562	20.11 0.49 0.00	18.90 0.46 0.00	18.29 0.46 0.00	17.92 0.44 0.00	18.45 0.47 0.00	18.95 0.46 0.00	21.03 0.51 0.00	21.85 0.55 0.00	19.38 0.49 0.00	18.25 0.50 0.00	16.97 0.49 0.00	16.38 0.48 0.00	15.27 0.43 0.00	14.80 0.42 0.00	14.12 0.41 0.00	13.80 0.42 0.00	15.43 0.46 0.00	19.03 0.54 0.00	21.43 0.58 0.00	28.89 0.79 0.00	29.65 0.78 0.00	23.95 0.58 0.00	21.93 0.58 0.00	19.73 0.52 0.00
BETHLEHEM___STEEL 23779	19.91 0.29 0.00	18.58 0.15 0.00	18.01 0.18 0.00	17.70 0.21 0.00	18.18 0.20 0.00	18.82 0.33 0.00	20.73 0.21 0.00	20.85 -0.45 0.00	18.60 -0.28 0.00	17.36 -0.39 0.00	16.16 -0.31 0.00	15.49 -0.41 0.00	14.51 -0.33 0.00	14.00 -0.39 0.00	13.32 -0.38 0.00	13.04 -0.35 0.00	14.57 -0.39 0.00	17.94 -0.55 0.00	20.57 -0.27 0.00	27.24 -0.87 0.00	28.04 -0.84 0.00	22.99 -0.37 0.00	20.84 -0.51 0.00	19.04 -0.17 0.00
BETHLHEM_115KV_TB1 79974	20.11 0.49 0.00	18.90 0.46 0.00	18.28 0.45 0.00	17.91 0.42 0.00	18.43 0.45 0.00	18.93 0.44 0.00	21.01 0.49 0.00	21.83 0.53 0.00	19.36 0.47 0.00	18.23 0.48 0.00	16.96 0.48 0.00	16.38 0.48 0.00	15.26 0.42 0.00	14.80 0.42 0.00	14.12 0.41 0.00	13.80 0.41 0.00	15.41 0.45 0.00	19.03 0.54 0.00	21.41 0.56 0.00	28.87 0.76 0.00	29.63 0.75 0.00	23.92 0.56 0.00	21.92 0.58 0.00	19.71 0.50 0.00
BETHPAGE_CC_5 323564	20.74 1.12 0.00	19.39 0.96 0.00	18.69 0.86 0.00	18.29 0.80 0.00	18.79 0.81 0.00	19.30 0.81 0.00	23.93 1.23 -2.17	25.14 1.43 -2.42	19.89 1.00 0.00	18.71 0.96 0.00	17.29 0.81 0.00	16.67 0.76 0.00	15.51 0.67 0.00	15.06 0.68 0.00	14.49 0.78 0.00	14.18 0.79 0.00	15.92 0.96 0.00	19.75 1.26 0.00	22.35 1.50 0.00	29.79 1.69 0.00	30.64 1.76 0.00	25.13 1.47 -0.29	22.84 1.47 -0.02	20.31 1.09 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.99 0.37 0.00	18.66 0.22 0.00	18.06 0.23 0.00	17.75 0.26 0.00	18.23 0.25 0.00	18.89 0.41 0.00	20.81 0.29 0.00	20.95 -0.34 0.00	18.70 -0.19 0.00	17.43 -0.32 0.00	16.23 -0.25 0.00	15.57 -0.33 0.00	14.57 -0.27 0.00	14.06 -0.33 0.00	13.39 -0.32 0.00	13.09 -0.29 0.00	14.65 -0.31 0.00	18.03 -0.46 0.00	20.68 -0.17 0.00	27.40 -0.70 0.00	28.18 -0.69 0.00	23.11 -0.26 0.00	20.94 -0.41 0.00	19.13 -0.08 0.00

BINGHAMTON___COGEN 23790	19.93 0.31 0.00	18.68 0.24 0.00	18.04 0.21 0.00	17.71 0.23 0.00	18.19 0.22 0.00	18.80 0.31 0.00	20.85 0.33 0.00	21.55 0.26 0.00	19.11 0.23 0.00	17.93 0.18 0.00	16.64 0.16 0.00	16.05 0.14 0.00	14.97 0.13 0.00	14.50 0.12 0.00	13.80 0.10 0.00	13.48 0.09 0.00	15.10 0.13 0.00	18.68 0.18 0.00	21.14 0.29 0.00	28.47 0.37 0.00	29.22 0.35 0.00	23.74 0.37 0.00	21.60 0.26 0.00	19.46 0.25 0.00
BIXINCNT_115KV_LOAD 355685	20.21 0.59 0.00	18.80 0.37 0.00	18.12 0.29 0.00	17.80 0.31 0.00	18.28 0.31 0.00	18.95 0.46 0.00	20.91 0.39 0.00	21.12 -0.17 0.00	18.85 -0.04 0.00	17.63 -0.12 0.00	16.45 -0.03 0.00	15.76 -0.14 0.00	14.78 -0.06 0.00	14.26 -0.13 0.00	13.61 -0.10 0.00	13.28 -0.11 0.00	14.87 -0.09 0.00	18.38 -0.11 0.00	21.14 0.29 0.00	28.11 0.00 0.00	28.87 0.00 0.00	23.64 0.28 0.00	21.43 0.09 0.00	19.50 0.29 0.00
BLACK RIVER___HYD 24047	19.52 -0.10 0.00	18.29 -0.15 0.00	17.67 -0.16 0.00	17.33 -0.16 0.00	17.78 -0.20 0.00	18.32 -0.17 0.00	20.27 -0.25 0.00	20.95 -0.34 0.00	18.49 -0.40 0.00	17.25 -0.50 0.00	16.00 -0.48 0.00	15.40 -0.51 0.00	14.31 -0.53 0.00	13.87 -0.52 0.00	13.19 -0.52 0.00	12.88 -0.51 0.00	14.48 -0.48 0.00	18.07 -0.42 0.00	20.57 -0.27 0.00	28.08 -0.03 0.00	28.93 0.06 0.00	23.36 0.00 0.00	21.28 -0.06 0.00	19.08 -0.13 0.00
BLACKRVR_115KV_TB2 79977	19.52 -0.10 0.00	18.29 -0.15 0.00	17.67 -0.16 0.00	17.31 -0.17 0.00	17.78 -0.20 0.00	18.34 -0.15 0.00	20.27 -0.25 0.00	20.95 -0.34 0.00	18.49 -0.40 0.00	17.25 -0.50 0.00	16.00 -0.48 0.00	15.40 -0.51 0.00	14.31 -0.53 0.00	13.85 -0.53 0.00	13.19 -0.52 0.00	12.88 -0.51 0.00	14.48 -0.48 0.00	18.07 -0.43 0.00	20.57 -0.27 0.00	28.08 -0.03 0.00	28.93 0.06 0.00	23.36 0.00 0.00	21.28 -0.06 0.00	19.08 -0.13 0.00
BLISS_WT_PWR 323608	20.29 0.67 0.00	18.93 0.50 0.00	18.06 0.23 0.00	17.80 0.32 0.00	18.27 0.29 0.00	18.86 0.37 0.00	20.85 0.33 0.00	21.04 -0.25 0.00	18.79 -0.09 0.00	17.59 -0.16 0.00	16.41 -0.07 0.00	15.75 -0.16 0.00	14.78 -0.06 0.00	14.36 -0.03 0.00	13.61 -0.10 0.00	13.25 -0.13 0.00	14.86 -0.10 0.00	18.36 -0.13 0.00	21.14 0.29 0.00	28.13 0.03 0.00	28.90 0.03 0.00	23.67 0.30 0.00	21.50 0.15 0.00	19.50 0.29 0.00
BLUESTONE___WT_PWR 323821	21.13 1.51 0.00	19.80 1.36 0.00	19.08 1.25 0.00	18.71 1.22 0.00	19.16 1.19 0.00	19.82 1.33 0.00	22.02 1.50 0.00	22.83 1.53 0.00	20.25 1.36 0.00	18.92 1.17 0.00	17.57 1.09 0.00	16.92 1.02 0.00	15.73 0.89 0.00	15.25 0.86 0.00	14.49 0.78 0.00	14.14 0.75 0.00	15.87 0.91 0.00	19.66 1.17 0.00	22.33 1.48 0.00	30.24 2.14 0.00	31.10 2.22 0.00	25.19 1.82 0.00	22.95 1.60 0.00	20.60 1.38 0.00
BLUE_CIRC_CHEM_DRP 24182	20.17 0.55 0.00	18.95 0.52 0.00	18.33 0.50 0.00	17.96 0.47 0.00	18.48 0.50 0.00	18.99 0.50 0.00	21.07 0.55 0.00	21.87 0.57 0.00	19.40 0.51 0.00	18.25 0.50 0.00	16.94 0.46 0.00	16.37 0.46 0.00	15.26 0.42 0.00	14.79 0.40 0.00	14.11 0.40 0.00	13.79 0.40 0.00	15.40 0.43 0.00	19.01 0.52 0.00	21.41 0.56 0.00	28.89 0.79 0.00	29.68 0.81 0.00	23.97 0.61 0.00	21.97 0.62 0.00	19.75 0.54 0.00
BOC_GAS_DRP 24189	19.99 0.37 0.00	18.79 0.35 0.00	18.17 0.34 0.00	17.80 0.31 0.00	18.30 0.32 0.00	18.80 0.31 0.00	20.89 0.37 0.00	21.72 0.43 0.00	19.27 0.38 0.00	18.14 0.39 0.00	16.86 0.38 0.00	16.30 0.40 0.00	15.20 0.36 0.00	14.73 0.35 0.00	14.05 0.34 0.00	13.72 0.33 0.00	15.32 0.36 0.00	18.92 0.43 0.00	21.28 0.44 0.00	28.70 0.59 0.00	29.45 0.58 0.00	23.78 0.42 0.00	21.80 0.45 0.00	19.60 0.38 0.00
BOONVILLE_115KV_TB1 79983	19.97 0.35 0.00	18.73 0.29 0.00	18.12 0.29 0.00	17.75 0.26 0.00	18.23 0.25 0.00	18.80 0.31 0.00	20.85 0.33 0.00	21.63 0.34 0.00	19.17 0.28 0.00	17.96 0.21 0.00	16.66 0.18 0.00	16.07 0.16 0.00	14.96 0.12 0.00	14.50 0.12 0.00	13.80 0.10 0.00	13.48 0.09 0.00	15.11 0.15 0.00	18.73 0.24 0.00	21.20 0.35 0.00	28.70 0.59 0.00	29.54 0.66 0.00	23.85 0.49 0.00	21.78 0.43 0.00	19.56 0.35 0.00
BORALEX_4TH_BRANCH 23824	20.05 0.43 0.00	18.86 0.42 0.00	18.22 0.39 0.00	17.87 0.38 0.00	18.39 0.41 0.00	18.87 0.39 0.00	20.95 0.43 0.00	21.85 0.55 0.00	19.42 0.53 0.00	18.32 0.57 0.00	17.02 0.54 0.00	16.41 0.51 0.00	15.30 0.46 0.00	14.83 0.45 0.00	14.13 0.42 0.00	13.86 0.47 0.00	15.46 0.49 0.00	19.10 0.61 0.00	21.49 0.65 0.00	29.01 0.90 0.00	29.68 0.81 0.00	23.92 0.56 0.00	21.92 0.58 0.00	19.69 0.48 0.00
BOWLINE___1 23526	20.25 0.63 0.00	18.97 0.53 0.00	18.36 0.53 0.00	18.01 0.52 0.00	18.50 0.52 0.00	19.00 0.52 0.00	21.22 0.70 0.00	22.19 0.89 0.00	19.64 0.76 0.00	18.55 0.80 0.00	17.25 0.77 0.00	16.67 0.76 0.00	15.52 0.68 0.00	15.06 0.68 0.00	14.39 0.69 0.00	14.10 0.71 0.00	15.72 0.76 0.00	19.41 0.92 0.00	21.78 0.94 0.00	29.29 1.18 0.00	30.09 1.21 0.00	24.30 0.94 0.00	22.24 0.90 0.00	19.98 0.77 0.00
BOWLINE___2 23595	20.25 0.63 0.00	18.97 0.53 0.00	18.36 0.53 0.00	18.01 0.52 0.00	18.50 0.52 0.00	19.00 0.52 0.00	21.22 0.70 0.00	22.19 0.89 0.00	19.64 0.76 0.00	18.55 0.80 0.00	17.25 0.77 0.00	16.67 0.76 0.00	15.52 0.68 0.00	15.06 0.68 0.00	14.39 0.69 0.00	14.10 0.71 0.00	15.72 0.76 0.00	19.41 0.92 0.00	21.78 0.94 0.00	29.29 1.18 0.00	30.09 1.21 0.00	24.30 0.94 0.00	22.24 0.90 0.00	19.98 0.77 0.00
BRADY___115KV_TB2 356060	19.56 -0.06 0.00	18.42 -0.02 0.00	17.81 -0.02 0.00	17.45 -0.03 0.00	17.96 -0.02 0.00	18.47 -0.02 0.00	20.44 -0.08 0.00	21.19 -0.11 0.00	18.79 -0.09 0.00	17.56 -0.20 0.00	16.23 -0.25 0.00	15.65 -0.25 0.00	14.62 -0.22 0.00	14.17 -0.22 0.00	13.49 -0.22 0.00	13.17 -0.21 0.00	14.74 -0.22 0.00	18.27 -0.22 0.00	20.76 -0.08 0.00	28.13 0.03 0.00	28.93 0.06 0.00	23.43 0.07 0.00	21.39 0.04 0.00	19.21 0.00 0.00
BRANSCOMB___SOLAR 323811	20.15 0.53 0.00	18.90 0.46 0.00	18.31 0.48 0.00	17.92 0.44 0.00	18.46 0.49 0.00	18.99 0.50 0.00	21.09 0.57 0.00	21.91 0.62 0.00	19.44 0.55 0.00	18.27 0.52 0.00	16.89 0.41 0.00	16.30 0.40 0.00	15.20 0.36 0.00	14.72 0.33 0.00	14.04 0.33 0.00	13.73 0.35 0.00	15.35 0.39 0.00	18.97 0.48 0.00	21.47 0.62 0.00	29.03 0.93 0.00	29.83 0.95 0.00	24.04 0.68 0.00	21.99 0.64 0.00	19.75 0.54 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	20.97 1.35 0.00	19.65 1.22 0.00	18.90 1.07 0.00	18.52 1.03 0.00	18.99 1.01 0.00	19.50 1.02 0.00	24.15 1.46 -2.17	25.36 1.64 -2.42	20.08 1.19 0.00	18.85 1.10 0.00	17.38 0.91 0.00	16.76 0.86 0.00	15.74 0.91 0.00	15.31 0.92 0.00	14.57 0.86 0.00	14.26 0.87 0.00	16.05 1.09 0.00	19.91 1.42 0.00	22.62 1.77 0.00	30.27 2.16 0.00	31.16 2.28 0.00	25.48 1.82 -0.29	23.14 1.77 -0.02	20.56 1.34 0.00

BRISTLHL_115KV_TB1 79998	19.28 -0.33 0.00	18.09 -0.35 0.00	17.49 -0.34 0.00	17.17 -0.31 0.00	17.65 -0.32 0.00	18.17 -0.31 0.00	20.15 -0.37 0.00	20.85 -0.45 0.00	18.49 -0.40 0.00	17.36 -0.39 0.00	16.12 -0.36 0.00	15.54 -0.37 0.00	14.51 -0.33 0.00	14.04 -0.35 0.00	13.37 -0.34 0.00	13.04 -0.35 0.00	14.60 -0.36 0.00	18.07 -0.43 0.00	20.34 -0.50 0.00	27.46 -0.65 0.00	28.21 -0.66 0.00	22.85 -0.51 0.00	20.86 -0.49 0.00	18.77 -0.44 0.00
BROOKHAVEN___DRP 24191	20.99 1.37 0.00	19.71 1.27 0.00	18.95 1.12 0.00	18.55 1.07 0.00	19.02 1.04 0.00	19.54 1.05 0.00	24.15 1.46 -2.17	25.33 1.62 -2.42	20.10 1.21 0.00	18.85 1.10 0.00	17.37 0.89 0.00	16.73 0.83 0.00	15.73 0.89 0.00	15.28 0.89 0.00	14.54 0.84 0.00	14.23 0.84 0.00	16.04 1.08 0.00	19.93 1.44 0.00	22.62 1.77 0.00	30.30 2.19 0.00	31.18 2.31 0.00	25.46 1.80 -0.29	23.18 1.81 -0.02	20.58 1.36 0.00
BROOKLYN_NAVY_YARD 23515	20.38 0.76 0.00	19.06 0.63 0.00	18.51 0.68 0.00	18.13 0.65 0.00	18.64 0.67 0.00	19.08 0.59 0.00	21.34 0.82 0.00	22.34 1.04 0.00	19.76 0.87 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.71 0.88 0.00	15.22 0.83 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.66 1.17 0.00	21.97 1.12 0.00	29.48 1.38 0.00	30.37 1.50 0.00	24.41 1.05 0.00	22.44 1.09 0.00	20.19 0.98 0.00
BROOKLYN___ARMY_DRP 323595	20.57 0.94 -0.01	19.31 0.87 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.85 1.01 0.00	15.36 0.98 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.79 1.29 0.00	22.18 1.33 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.66 1.30 -0.01	20.37 1.15 -0.01
BROOKVLE_69_KV_TB1 55790	20.64 1.02 0.00	19.36 0.92 0.00	18.67 0.84 0.00	18.29 0.80 0.00	18.77 0.79 0.00	19.26 0.78 0.00	23.82 1.13 -2.17	25.06 1.34 -2.42	19.91 1.02 0.00	18.76 1.01 0.00	17.38 0.91 0.00	16.78 0.87 0.00	15.72 0.88 0.00	15.26 0.88 0.00	14.54 0.84 0.00	14.23 0.84 0.00	15.95 0.99 0.00	19.73 1.24 0.00	22.28 1.44 0.00	29.82 1.71 0.00	30.66 1.79 -0.29	25.08 1.43 -0.02	22.73 1.37 -0.02	20.31 1.10 0.00
BROOME_2_LFGE 323671	19.97 0.35 0.00	18.71 0.28 0.00	18.05 0.21 0.00	17.73 0.24 0.00	18.21 0.23 0.00	18.80 0.31 0.00	20.85 0.33 0.00	21.55 0.26 0.00	19.11 0.23 0.00	17.93 0.18 0.00	16.64 0.16 0.00	16.05 0.14 0.00	14.99 0.15 0.00	14.53 0.14 0.00	13.80 0.10 0.00	13.48 0.09 0.00	15.10 0.13 0.00	18.68 0.18 0.00	21.14 0.29 0.00	28.47 0.36 0.00	29.22 0.35 0.00	23.73 0.37 0.00	21.65 0.30 0.00	19.46 0.25 0.00
BROOME___LFGE 323600	19.97 0.35 0.00	18.71 0.28 0.00	18.05 0.21 0.00	17.73 0.24 0.00	18.21 0.23 0.00	18.80 0.31 0.00	20.85 0.33 0.00	21.55 0.26 0.00	19.11 0.23 0.00	17.93 0.18 0.00	16.64 0.16 0.00	16.05 0.14 0.00	14.99 0.15 0.00	14.53 0.14 0.00	13.80 0.10 0.00	13.48 0.09 0.00	15.10 0.13 0.00	18.68 0.18 0.00	21.14 0.29 0.00	28.47 0.36 0.00	29.22 0.35 0.00	23.73 0.37 0.00	21.65 0.30 0.00	19.46 0.25 0.00
BROWNFLS_115KV_TB 3_5 80003	19.17 -0.45 0.00	18.01 -0.42 0.00	17.42 -0.41 0.00	17.07 -0.42 0.00	17.55 -0.43 0.00	18.06 -0.43 0.00	19.95 -0.57 0.00	20.70 -0.60 0.00	18.32 -0.57 0.00	17.11 -0.64 0.00	15.84 -0.64 0.00	15.25 -0.65 0.00	14.22 -0.62 0.00	13.78 -0.60 0.00	13.11 -0.60 0.00	12.81 -0.58 0.00	14.35 -0.61 0.00	17.84 -0.65 0.00	20.28 -0.56 0.00	27.54 -0.56 0.00	28.35 -0.52 0.00	22.97 -0.40 0.00	20.94 -0.41 0.00	18.79 -0.42 0.00
BROWNSV1_27_KV_LOAD 356125	20.56 0.94 0.00	19.30 0.87 0.00	18.67 0.84 0.00	18.31 0.82 0.00	18.81 0.83 0.00	19.23 0.74 0.00	21.51 0.98 0.00	22.53 1.24 0.00	19.93 1.04 0.00	18.91 1.15 0.00	17.60 1.12 0.00	17.02 1.11 0.00	15.86 1.02 0.00	15.38 0.99 0.00	14.70 0.99 0.00	14.40 1.02 0.00	16.05 1.09 0.00	19.80 1.31 0.00	22.18 1.33 0.00	29.79 1.69 0.00	30.69 1.82 0.00	24.65 1.28 0.00	22.61 1.26 0.00	20.36 1.15 0.00
BURROWS___LYONSDAL 23803	19.87 0.26 0.00	18.64 0.20 0.00	18.03 0.20 0.00	17.66 0.17 0.00	18.14 0.16 0.00	18.69 0.20 0.00	20.73 0.21 0.00	21.51 0.21 0.00	19.04 0.15 0.00	17.84 0.09 0.00	16.54 0.07 0.00	15.94 0.03 0.00	14.84 0.00 0.00	14.39 0.00 0.00	13.69 -0.01 0.00	13.37 -0.01 0.00	14.99 0.03 0.00	18.60 0.11 0.00	21.07 0.23 0.00	28.58 0.48 0.00	29.39 0.52 0.00	23.76 0.40 0.00	21.67 0.32 0.00	19.46 0.25 0.00
CAITHNESS_CC_1 323624	20.93 1.31 0.00	19.62 1.18 0.00	18.90 1.07 0.00	18.48 1.00 0.00	18.97 0.99 0.00	19.50 1.02 0.00	24.09 1.40 -2.17	25.29 1.58 -2.42	20.04 1.15 0.00	18.82 1.07 0.00	17.32 0.84 0.00	16.70 0.79 0.00	15.52 0.68 0.00	15.08 0.69 0.00	14.52 0.81 0.00	14.20 0.82 0.00	16.01 1.05 0.00	19.88 1.39 0.00	22.55 1.71 0.00	30.13 2.02 0.00	31.01 2.14 0.00	25.39 1.73 -0.29	23.14 1.77 -0.02	20.52 1.31 0.00
CALPINE BETH_PAGE_GT4 24209	20.72 1.10 0.00	19.41 0.98 0.00	18.69 0.86 0.00	18.31 0.82 0.00	18.77 0.79 0.00	19.28 0.79 0.00	23.91 1.21 -2.17	25.14 1.43 -2.42	19.89 1.00 0.00	18.71 0.96 0.00	17.29 0.81 0.00	16.67 0.76 0.00	15.66 0.82 0.00	15.21 0.82 0.00	14.49 0.78 0.00	14.18 0.79 0.00	15.92 0.96 0.00	19.73 1.24 0.00	22.30 1.46 0.00	29.76 1.66 0.00	30.61 1.73 0.00	25.06 1.40 -0.29	22.75 1.39 -0.02	20.25 1.04 0.00
CALPINE_BETH_PAGE_GT_4 323586	20.72 1.10 0.00	19.38 0.94 0.00	18.69 0.86 0.00	18.29 0.80 0.00	18.77 0.79 0.00	19.28 0.79 0.00	23.91 1.21 -2.17	25.14 1.43 -2.42	19.89 1.00 0.00	18.71 0.96 0.00	17.29 0.81 0.00	16.67 0.76 0.00	15.51 0.67 0.00	15.06 0.68 0.00	14.49 0.78 0.00	14.18 0.79 0.00	15.92 0.96 0.00	19.73 1.24 0.00	22.30 1.46 0.00	29.71 1.60 0.00	30.55 1.67 0.00	25.06 1.40 -0.29	22.78 1.41 -0.02	20.25 1.04 0.00
CALPINE_BP_GT1 23823	20.72 1.10 0.00	19.38 0.94 0.00	18.69 0.86 0.00	18.29 0.80 0.00	18.77 0.79 0.00	19.28 0.79 0.00	23.91 1.21 -2.17	25.14 1.43 -2.42	19.89 1.00 0.00	18.71 0.96 0.00	17.29 0.81 0.00	16.67 0.76 0.00	15.51 0.67 0.00	15.06 0.68 0.00	14.49 0.78 0.00	14.18 0.79 0.00	15.92 0.96 0.00	19.73 1.24 0.00	22.30 1.46 0.00	29.71 1.60 0.00	30.55 1.67 0.00	25.06 1.40 -0.29	22.78 1.41 -0.02	20.25 1.04 0.00
CALSPAN___DRP 24200	19.91 0.29 0.00	18.58 0.15 0.00	18.01 0.18 0.00	17.70 0.21 0.00	18.18 0.20 0.00	18.82 0.33 0.00	20.73 0.21 0.00	20.85 -0.45 0.00	18.60 -0.28 0.00	17.36 -0.39 0.00	16.16 -0.31 0.00	15.49 -0.41 0.00	14.51 -0.33 0.00	14.00 -0.39 0.00	13.32 -0.38 0.00	13.04 -0.35 0.00	14.57 -0.39 0.00	17.94 -0.55 0.00	20.57 -0.27 0.00	27.24 -0.87 0.00	28.04 -0.84 0.00	22.99 -0.37 0.00	20.84 -0.51 0.00	19.04 -0.17 0.00

CALVERTON___SOLAR 323806	21.07 1.45 0.00	19.74 1.31 0.00	19.01 1.18 0.00	18.61 1.12 0.00	19.09 1.12 0.00	19.61 1.13 0.00	24.23 1.54 -2.17	25.42 1.70 -2.42	20.15 1.27 0.00	18.90 1.15 0.00	17.40 0.92 0.00	16.76 0.86 0.00	15.58 0.74 0.00	15.12 0.73 0.00	14.57 0.86 0.00	14.27 0.88 0.00	16.08 1.12 0.00	19.99 1.50 0.00	22.70 1.85 0.00	30.36 2.25 0.00	31.27 2.40 0.00	25.55 1.89 -0.29	23.29 1.92 -0.02	20.63 1.42 0.00
CANDIGU_WT_PWR 323617	20.32 0.71 0.00	18.99 0.55 0.00	18.26 0.43 0.00	17.96 0.47 0.00	18.39 0.41 0.00	19.06 0.57 0.00	21.14 0.62 0.00	21.74 0.45 0.00	19.28 0.40 0.00	18.03 0.28 0.00	16.73 0.25 0.00	16.13 0.22 0.00	15.08 0.24 0.00	14.62 0.23 0.00	13.86 0.15 0.00	13.55 0.16 0.00	15.23 0.27 0.00	18.88 0.39 0.00	21.49 0.65 0.00	29.03 0.93 0.00	29.77 0.90 0.00	24.27 0.91 0.00	22.07 0.73 0.00	19.83 0.61 0.00
CARR STREET_E_SYR 24060	19.48 -0.14 0.00	18.25 -0.18 0.00	17.63 -0.20 0.00	17.31 -0.17 0.00	17.80 -0.18 0.00	18.32 -0.17 0.00	20.34 -0.19 0.00	21.02 -0.28 0.00	18.66 -0.23 0.00	17.52 -0.23 0.00	16.26 -0.21 0.00	15.68 -0.22 0.00	14.65 -0.19 0.00	14.20 -0.19 0.00	13.50 -0.21 0.00	13.17 -0.21 0.00	14.75 -0.21 0.00	18.23 -0.26 0.00	20.55 -0.29 0.00	27.71 -0.39 0.00	28.47 -0.40 0.00	23.08 -0.28 0.00	21.05 -0.30 0.00	18.94 -0.27 0.00
CARTHAGE___PAPER 23857	19.40 -0.22 0.00	18.20 -0.24 0.00	17.58 -0.25 0.00	17.23 -0.26 0.00	17.71 -0.27 0.00	18.23 -0.26 0.00	20.17 -0.35 0.00	20.89 -0.41 0.00	18.42 -0.47 0.00	17.18 -0.57 0.00	15.92 -0.56 0.00	15.33 -0.57 0.00	14.26 -0.58 0.00	13.81 -0.58 0.00	13.13 -0.58 0.00	12.84 -0.55 0.00	14.44 -0.52 0.00	18.01 -0.48 0.00	20.53 -0.31 0.00	27.97 -0.14 0.00	28.82 -0.06 0.00	23.27 -0.09 0.00	21.20 -0.15 0.00	19.00 -0.21 0.00
CASSADAGA_WT_PWR 323784	20.66 1.04 0.00	19.34 0.90 0.00	18.53 0.69 0.00	18.24 0.75 0.00	18.72 0.74 0.00	19.39 0.91 0.00	21.42 0.90 0.00	21.70 0.40 0.00	19.36 0.47 0.00	18.03 0.28 0.00	16.81 0.33 0.00	16.13 0.22 0.00	15.09 0.25 0.00	14.66 0.27 0.00	13.82 0.11 0.00	13.52 0.13 0.00	15.14 0.18 0.00	18.66 0.17 0.00	21.45 0.60 0.00	28.50 0.39 0.00	29.28 0.40 0.00	24.02 0.65 0.00	21.80 0.45 0.00	19.77 0.56 0.00
CE_DUNWOOD___DRP 24194	20.34 0.73 0.00	19.10 0.66 0.00	18.47 0.64 0.00	18.10 0.61 0.00	18.61 0.63 0.00	19.08 0.59 0.00	21.32 0.80 0.00	22.29 1.00 0.00	19.76 0.87 0.00	18.67 0.92 0.00	17.35 0.87 0.00	16.78 0.87 0.00	15.64 0.80 0.00	15.18 0.79 0.00	14.48 0.77 0.00	14.19 0.80 0.00	15.83 0.87 0.00	19.53 1.04 0.00	21.91 1.06 0.00	29.46 1.35 0.00	30.29 1.41 0.00	24.41 1.05 0.00	22.35 1.00 0.00	20.10 0.88 0.00
CE_MILLWOOD___DRP 24193	20.30 0.69 0.00	19.06 0.63 0.00	18.44 0.61 0.00	18.06 0.58 0.00	18.57 0.59 0.00	19.04 0.55 0.00	21.28 0.76 0.00	22.25 0.96 0.00	19.70 0.81 0.00	18.62 0.87 0.00	17.30 0.82 0.00	16.72 0.81 0.00	15.60 0.76 0.00	15.12 0.73 0.00	14.43 0.73 0.00	14.14 0.75 0.00	15.78 0.82 0.00	19.47 0.98 0.00	21.85 1.00 0.00	29.37 1.26 0.00	30.20 1.33 0.00	24.34 0.98 0.00	22.29 0.94 0.00	20.04 0.83 0.00
CE_NYC2_DRP 24202	20.53 0.90 -0.01	19.29 0.85 -0.01	18.66 0.82 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.23 0.74 -0.01	21.48 0.96 0.00	22.44 1.15 0.00	19.83 0.94 0.00	18.80 1.05 0.00	17.52 1.04 0.00	16.94 1.03 0.00	15.80 0.96 0.00	15.32 0.94 0.00	14.64 0.93 0.00	14.35 0.96 0.00	15.98 1.02 0.00	19.73 1.24 0.00	22.10 1.25 0.00	29.65 1.55 0.00	30.58 1.70 0.00	24.53 1.17 0.00	22.55 1.20 -0.01	20.31 1.10 -0.01
CE_NYC_DRP 24195	20.40 0.78 0.00	19.15 0.72 0.00	18.53 0.70 0.00	18.17 0.68 0.00	18.66 0.68 0.00	19.10 0.61 0.00	21.36 0.84 0.00	22.36 1.06 0.00	19.79 0.91 0.00	18.76 1.01 0.00	17.47 0.99 0.00	16.88 0.97 0.00	15.74 0.91 0.00	15.26 0.88 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.66 1.16 0.00	22.01 1.17 0.00	29.54 1.43 0.00	30.40 1.53 0.00	24.44 1.07 0.00	22.42 1.07 0.00	20.19 0.98 0.00
CHAFFEE___LFGE 323603	20.05 0.43 0.00	18.77 0.33 0.00	18.05 0.21 0.00	17.77 0.28 0.00	18.23 0.25 0.00	18.86 0.37 0.00	20.79 0.27 0.00	20.93 -0.36 0.00	18.66 -0.23 0.00	17.41 -0.34 0.00	16.21 -0.26 0.00	15.54 -0.37 0.00	14.57 -0.27 0.00	14.16 -0.23 0.00	13.37 -0.34 0.00	13.08 -0.31 0.00	14.62 -0.34 0.00	18.01 -0.48 0.00	20.66 -0.19 0.00	27.38 -0.73 0.00	28.15 -0.72 0.00	23.08 -0.28 0.00	20.96 -0.38 0.00	19.10 -0.11 0.00
CHATEAUG_35_KV_LOAD 355732	19.68 0.06 0.00	18.60 0.17 0.00	18.03 0.20 0.00	17.64 0.16 0.00	18.14 0.16 0.00	18.60 0.11 0.00	20.38 -0.14 0.00	21.04 -0.26 0.00	18.62 -0.26 0.00	17.33 -0.43 0.00	15.95 -0.53 0.00	15.33 -0.57 0.00	14.32 -0.52 0.00	13.88 -0.50 0.00	13.21 -0.49 0.00	12.88 -0.51 0.00	14.39 -0.57 0.00	17.94 -0.55 0.00	20.57 -0.27 0.00	28.05 -0.06 0.00	28.90 0.03 0.00	23.57 0.21 0.00	21.43 0.09 0.00	19.29 0.08 0.00
CHATEAUG_WT_PWR 323614	19.66 0.04 0.00	18.58 0.15 0.00	18.03 0.20 0.00	17.64 0.16 0.00	18.12 0.14 0.00	18.58 0.09 0.00	20.34 -0.19 0.00	21.00 -0.30 0.00	18.58 -0.30 0.00	17.29 -0.46 0.00	15.93 -0.54 0.00	15.32 -0.59 0.00	14.29 -0.55 0.00	13.85 -0.53 0.00	13.19 -0.52 0.00	12.86 -0.52 0.00	14.36 -0.60 0.00	17.90 -0.59 0.00	20.49 -0.35 0.00	27.97 -0.14 0.00	28.82 -0.06 0.00	23.53 0.16 0.00	21.39 0.04 0.00	19.25 0.04 0.00
CHAT_HIGH_FALL_HYD 323578	19.68 0.06 0.00	18.60 0.17 0.00	18.03 0.20 0.00	17.64 0.16 0.00	18.14 0.16 0.00	18.60 0.11 0.00	20.38 -0.14 0.00	21.04 -0.26 0.00	18.62 -0.26 0.00	17.33 -0.43 0.00	15.95 -0.53 0.00	15.33 -0.57 0.00	14.32 -0.52 0.00	13.88 -0.50 0.00	13.21 -0.49 0.00	12.88 -0.51 0.00	14.39 -0.57 0.00	17.94 -0.55 0.00	20.57 -0.27 0.00	28.05 -0.06 0.00	28.90 0.03 0.00	23.57 0.21 0.00	21.43 0.09 0.00	19.29 0.08 0.00
CHAUTAUQUA___LFGE 323629	20.38 0.76 0.00	19.08 0.64 0.00	18.31 0.48 0.00	18.03 0.54 0.00	18.52 0.54 0.00	19.17 0.68 0.00	21.16 0.64 0.00	21.38 0.09 0.00	19.08 0.19 0.00	17.79 0.04 0.00	16.56 0.08 0.00	15.89 -0.02 0.00	14.88 0.04 0.00	14.44 0.06 0.00	13.63 -0.08 0.00	13.33 -0.05 0.00	14.92 -0.04 0.00	18.38 -0.11 0.00	21.10 0.25 0.00	28.02 -0.08 0.00	28.79 -0.09 0.00	23.62 0.26 0.00	21.43 0.09 0.00	19.46 0.25 0.00
CHERRYST_13_KV_LD 356241	20.44 0.82 0.00	19.19 0.76 0.00	18.58 0.75 0.00	18.20 0.72 0.00	18.70 0.72 0.00	19.13 0.65 0.00	21.40 0.88 0.00	22.42 1.13 0.00	19.83 0.94 0.00	18.80 1.05 0.00	17.50 1.02 0.00	16.92 1.02 0.00	15.79 0.95 0.00	15.29 0.91 0.00	14.61 0.90 0.00	14.32 0.94 0.00	15.96 1.00 0.00	19.69 1.20 0.00	22.05 1.21 0.00	29.60 1.49 0.00	30.49 1.62 0.00	24.51 1.14 0.00	22.48 1.13 0.00	20.25 1.04 0.00

CHESTROR_138KV_BK263 355645	20.17 0.55 0.00	18.93 0.50 0.00	18.29 0.46 0.00	17.94 0.45 0.00	18.45 0.47 0.00	18.93 0.44 0.00	21.12 0.60 0.00	22.04 0.75 0.00	19.51 0.62 0.00	18.39 0.64 0.00	17.09 0.61 0.00	16.51 0.60 0.00	15.40 0.56 0.00	14.95 0.56 0.00	14.27 0.56 0.00	13.96 0.58 0.00	15.57 0.61 0.00	19.23 0.74 0.00	21.62 0.77 0.00	29.09 0.98 0.00	29.89 1.01 0.00	24.13 0.77 0.00	22.07 0.73 0.00	19.85 0.63 0.00
CH_MIDHUDSON___DRP 24192	20.52 0.90 0.00	19.27 0.83 0.00	18.61 0.78 0.00	18.26 0.77 0.00	18.79 0.81 0.00	19.24 0.76 0.00	21.48 0.96 0.00	22.36 1.06 0.00	19.76 0.87 0.00	18.55 0.80 0.00	17.20 0.73 0.00	16.62 0.72 0.00	15.48 0.64 0.00	15.02 0.63 0.00	14.35 0.64 0.00	14.04 0.66 0.00	15.69 0.73 0.00	19.36 0.87 0.00	21.80 0.96 0.00	29.40 1.29 0.00	30.29 1.41 0.00	24.41 1.05 0.00	22.31 0.96 0.00	20.08 0.86 0.00
CH_MISC_IPPS 23765	20.50 0.88 0.00	19.23 0.79 0.00	18.61 0.78 0.00	18.24 0.75 0.00	18.75 0.77 0.00	19.23 0.74 0.00	21.46 0.94 0.00	22.34 1.04 0.00	19.74 0.85 0.00	18.55 0.80 0.00	17.20 0.72 0.00	16.62 0.72 0.00	15.46 0.62 0.00	15.00 0.62 0.00	14.37 0.66 0.00	14.04 0.66 0.00	15.69 0.73 0.00	19.36 0.87 0.00	21.80 0.96 0.00	29.37 1.27 0.00	30.26 1.39 0.00	24.39 1.03 0.00	22.31 0.96 0.00	20.06 0.84 0.00
CH_RES_BVR_FALLS 23983	19.46 -0.16 0.00	18.31 -0.13 0.00	17.72 -0.11 0.00	17.38 -0.10 0.00	17.89 -0.09 0.00	18.39 -0.09 0.00	20.40 -0.12 0.00	21.17 -0.13 0.00	18.76 -0.13 0.00	17.59 -0.16 0.00	16.30 -0.18 0.00	15.72 -0.19 0.00	14.66 -0.18 0.00	14.20 -0.19 0.00	13.52 -0.19 0.00	13.19 -0.20 0.00	14.74 -0.22 0.00	18.27 -0.22 0.00	20.66 -0.19 0.00	27.91 -0.20 0.00	28.67 -0.20 0.00	23.20 -0.16 0.00	21.20 -0.15 0.00	19.08 -0.13 0.00
CH_RES_NIAGARA 23895	19.07 -0.55 0.00	17.81 -0.63 0.00	17.26 -0.57 0.00	17.02 -0.47 0.00	17.49 -0.49 0.00	18.04 -0.44 0.00	19.80 -0.72 0.00	19.89 -1.41 0.00	17.74 -1.15 0.00	16.56 -1.19 0.00	15.41 -1.07 0.00	14.78 -1.13 0.00	13.85 -0.99 0.00	13.35 -1.04 0.00	12.71 -1.00 0.00	12.42 -0.96 0.00	13.87 -1.09 0.00	17.07 -1.42 0.00	19.53 -1.31 0.00	25.77 -2.33 0.00	26.59 -2.28 0.00	21.77 -1.59 0.00	19.77 -1.58 0.00	18.14 -1.08 0.00
CH_RES_SYRACUSE 23985	19.58 -0.04 0.00	18.38 -0.06 0.00	17.74 -0.09 0.00	17.42 -0.07 0.00	17.91 -0.07 0.00	18.45 -0.04 0.00	20.46 -0.06 0.00	21.17 -0.13 0.00	18.77 -0.11 0.00	17.65 -0.11 0.00	16.36 -0.11 0.00	15.78 -0.13 0.00	14.74 -0.10 0.00	14.29 -0.10 0.00	13.58 -0.12 0.00	13.24 -0.15 0.00	14.84 -0.12 0.00	18.34 -0.15 0.00	20.68 -0.17 0.00	27.91 -0.20 0.00	28.67 -0.20 0.00	23.22 -0.14 0.00	21.20 -0.15 0.00	19.08 -0.13 0.00
CLINTON_WT_PWR 323605	19.66 0.04 0.00	18.58 0.15 0.00	18.03 0.20 0.00	17.64 0.16 0.00	18.12 0.14 0.00	18.58 0.09 0.00	20.34 -0.19 0.00	21.00 -0.30 0.00	18.58 -0.30 0.00	17.29 -0.46 0.00	15.93 -0.54 0.00	15.32 -0.59 0.00	14.29 -0.55 0.00	13.85 -0.53 0.00	13.19 -0.52 0.00	12.86 -0.52 0.00	14.36 -0.60 0.00	17.90 -0.59 0.00	20.49 -0.35 0.00	27.97 -0.14 0.00	28.82 -0.06 0.00	23.53 0.16 0.00	21.39 0.04 0.00	19.25 0.04 0.00
CLINTON___LFGE 323618	19.89 0.27 0.00	18.80 0.37 0.00	18.22 0.39 0.00	17.84 0.35 0.00	18.36 0.38 0.00	18.80 0.31 0.00	20.52 0.00 0.00	21.19 -0.11 0.00	18.77 -0.11 0.00	17.45 -0.30 0.00	16.05 -0.43 0.00	15.43 -0.48 0.00	14.41 -0.43 0.00	13.97 -0.42 0.00	13.28 -0.43 0.00	12.96 -0.43 0.00	14.48 -0.48 0.00	18.07 -0.42 0.00	20.76 -0.08 0.00	28.30 0.20 0.00	29.16 0.29 0.00	23.88 0.51 0.00	21.69 0.34 0.00	19.52 0.31 0.00
COBBLENY_34_KV_TB1 80064	19.97 0.35 0.00	18.62 0.18 0.00	18.04 0.21 0.00	17.71 0.23 0.00	18.21 0.23 0.00	18.87 0.39 0.00	20.79 0.27 0.00	20.93 -0.36 0.00	18.66 -0.23 0.00	17.41 -0.34 0.00	16.21 -0.26 0.00	15.54 -0.37 0.00	14.56 -0.28 0.00	14.04 -0.35 0.00	13.37 -0.34 0.00	13.08 -0.31 0.00	14.62 -0.34 0.00	18.01 -0.48 0.00	20.66 -0.19 0.00	27.35 -0.76 0.00	28.15 -0.72 0.00	23.08 -0.28 0.00	20.90 -0.45 0.00	19.10 -0.12 0.00
COFFEEN___115KV_TB3 355620	19.64 0.02 0.00	18.40 -0.04 0.00	17.79 -0.04 0.00	17.43 -0.05 0.00	17.89 -0.09 0.00	18.45 -0.04 0.00	20.40 -0.12 0.00	21.06 -0.23 0.00	18.59 -0.30 0.00	17.33 -0.43 0.00	16.05 -0.43 0.00	15.44 -0.46 0.00	14.34 -0.50 0.00	13.90 -0.49 0.00	13.21 -0.49 0.00	12.92 -0.47 0.00	14.53 -0.43 0.00	18.14 -0.35 0.00	20.70 -0.15 0.00	28.30 0.20 0.00	29.16 0.29 0.00	23.55 0.19 0.00	21.43 0.09 0.00	19.21 0.00 0.00
COLDSPRG_115KV_BK1 355956	20.74 1.12 0.00	19.34 0.90 0.00	18.69 0.86 0.00	18.36 0.87 0.00	18.86 0.88 0.00	19.61 1.13 0.00	21.67 1.15 0.00	21.95 0.66 0.00	19.59 0.70 0.00	18.25 0.50 0.00	16.99 0.51 0.00	16.30 0.40 0.00	15.23 0.39 0.00	14.69 0.30 0.00	13.97 0.26 0.00	13.68 0.29 0.00	15.32 0.36 0.00	18.88 0.39 0.00	21.70 0.85 0.00	28.87 0.76 0.00	29.65 0.78 0.00	24.32 0.96 0.00	22.03 0.68 0.00	19.98 0.77 0.00
COLONIE_LFGE___ 323577	20.01 0.39 0.00	18.82 0.39 0.00	18.21 0.38 0.00	17.86 0.37 0.00	18.36 0.38 0.00	18.87 0.39 0.00	20.95 0.43 0.00	21.78 0.49 0.00	19.34 0.45 0.00	18.21 0.46 0.00	16.91 0.43 0.00	16.34 0.43 0.00	15.21 0.37 0.00	14.75 0.36 0.00	14.06 0.36 0.00	13.76 0.37 0.00	15.37 0.40 0.00	18.99 0.50 0.00	21.39 0.54 0.00	28.87 0.76 0.00	29.60 0.72 0.00	23.88 0.51 0.00	21.86 0.51 0.00	19.67 0.46 0.00
COOPERNY_115KV_TB1 80082	20.03 0.41 0.00	18.82 0.39 0.00	18.19 0.36 0.00	17.84 0.35 0.00	18.32 0.34 0.00	18.84 0.35 0.00	20.99 0.47 0.00	21.87 0.57 0.00	19.40 0.51 0.00	18.27 0.51 0.00	16.97 0.49 0.00	16.40 0.49 0.00	15.28 0.45 0.00	14.85 0.46 0.00	14.16 0.45 0.00	13.86 0.47 0.00	15.46 0.49 0.00	19.08 0.59 0.00	21.47 0.63 0.00	28.89 0.79 0.00	29.68 0.81 0.00	23.97 0.61 0.00	21.92 0.58 0.00	19.71 0.50 0.00
COPENHAGEN_WT_PWR 323753	19.48 -0.14 0.00	18.27 -0.17 0.00	17.65 -0.18 0.00	17.30 -0.19 0.00	17.76 -0.21 0.00	18.30 -0.18 0.00	20.25 -0.27 0.00	20.93 -0.36 0.00	18.47 -0.42 0.00	17.25 -0.50 0.00	16.00 -0.48 0.00	15.40 -0.51 0.00	14.32 -0.52 0.00	13.87 -0.52 0.00	13.20 -0.51 0.00	12.89 -0.50 0.00	14.48 -0.48 0.00	18.05 -0.44 0.00	20.55 -0.29 0.00	27.99 -0.11 0.00	28.85 -0.03 0.00	23.29 -0.07 0.00	21.24 -0.11 0.00	19.04 -0.17 0.00
CORNELL_____ 23752	20.11 0.49 0.00	18.82 0.39 0.00	18.20 0.37 0.00	17.85 0.37 0.00	18.36 0.38 0.00	18.95 0.46 0.00	21.03 0.51 0.00	21.74 0.45 0.00	19.25 0.36 0.00	18.02 0.27 0.00	16.69 0.21 0.00	16.08 0.17 0.00	15.00 0.16 0.00	14.52 0.13 0.00	13.82 0.11 0.00	13.49 0.11 0.00	15.14 0.18 0.00	18.79 0.30 0.00	21.28 0.44 0.00	28.78 0.67 0.00	29.57 0.69 0.00	23.97 0.61 0.00	21.82 0.47 0.00	19.63 0.42 0.00

CORONA__69_KV_TB1 355595	20.64 1.02 0.00	19.34 0.90 0.00	18.61 0.78 0.00	18.24 0.75 0.00	18.70 0.72 0.00	19.21 0.72 0.00	23.80 1.11 -2.17	25.04 1.32 -2.42	19.81 0.93 0.00	18.66 0.91 0.00	17.25 0.77 0.00	16.64 0.73 0.00	15.61 0.77 0.00	15.16 0.78 0.00	14.45 0.74 0.00	14.12 0.74 0.00	15.86 0.90 0.00	19.64 1.15 0.00	22.26 1.42 0.00	29.71 1.60 0.00	30.55 1.67 0.00	25.03 1.38 -0.29	22.73 1.37 -0.01	20.25 1.04 0.00
CORTLAND__115KV_TB3 80093	20.07 0.45 0.00	18.80 0.37 0.00	18.17 0.34 0.00	17.85 0.37 0.00	18.34 0.36 0.00	18.91 0.43 0.00	20.97 0.45 0.00	21.74 0.45 0.00	19.25 0.36 0.00	18.05 0.30 0.00	16.74 0.26 0.00	16.13 0.22 0.00	15.05 0.21 0.00	14.57 0.19 0.00	13.87 0.16 0.00	13.53 0.15 0.00	15.19 0.22 0.00	18.82 0.33 0.00	21.26 0.42 0.00	28.81 0.70 0.00	29.60 0.72 0.00	23.95 0.58 0.00	21.82 0.47 0.00	19.61 0.40 0.00
COXSACKIE__GT 23611	20.99 1.37 0.00	19.67 1.24 0.00	19.03 1.19 0.00	18.62 1.14 0.00	19.22 1.24 0.00	19.69 1.20 0.00	21.85 1.33 0.00	22.46 1.17 0.00	19.74 0.85 0.00	18.34 0.58 0.00	16.96 0.48 0.00	16.35 0.44 0.00	15.22 0.39 0.00	14.76 0.37 0.00	14.11 0.40 0.00	13.77 0.39 0.00	15.44 0.48 0.00	19.08 0.59 0.00	21.68 0.83 0.00	29.43 1.32 0.00	30.37 1.50 0.00	24.48 1.12 0.00	22.39 1.05 0.00	20.19 0.98 0.00
CPV_VALLEY__CC1 323721	20.03 0.41 0.00	18.80 0.37 0.00	18.19 0.36 0.00	17.84 0.35 0.00	18.32 0.34 0.00	18.82 0.33 0.00	20.99 0.47 0.00	21.89 0.60 0.00	19.40 0.51 0.00	18.30 0.55 0.00	17.01 0.53 0.00	16.43 0.52 0.00	15.30 0.46 0.00	14.88 0.49 0.00	14.20 0.49 0.00	13.90 0.51 0.00	15.50 0.54 0.00	19.12 0.63 0.00	21.49 0.65 0.00	28.89 0.79 0.00	29.68 0.81 0.00	23.99 0.63 0.00	21.97 0.62 0.00	19.73 0.52 0.00
CPV_VALLEY__CC2 323722	20.03 0.41 0.00	18.80 0.37 0.00	18.19 0.36 0.00	17.84 0.35 0.00	18.32 0.34 0.00	18.82 0.33 0.00	20.99 0.47 0.00	21.89 0.60 0.00	19.40 0.51 0.00	18.30 0.55 0.00	17.01 0.53 0.00	16.43 0.52 0.00	15.30 0.46 0.00	14.88 0.49 0.00	14.20 0.49 0.00	13.90 0.51 0.00	15.50 0.54 0.00	19.12 0.63 0.00	21.49 0.65 0.00	28.89 0.79 0.00	29.68 0.81 0.00	23.99 0.63 0.00	21.97 0.62 0.00	19.73 0.52 0.00
CRESCENT__HYD 24018	20.01 0.39 0.00	18.82 0.39 0.00	18.21 0.38 0.00	17.86 0.37 0.00	18.36 0.38 0.00	18.87 0.39 0.00	20.95 0.43 0.00	21.78 0.49 0.00	19.34 0.45 0.00	18.21 0.46 0.00	16.91 0.43 0.00	16.34 0.43 0.00	15.21 0.37 0.00	14.75 0.36 0.00	14.06 0.36 0.00	13.76 0.37 0.00	15.37 0.40 0.00	18.99 0.50 0.00	21.39 0.54 0.00	28.87 0.76 0.00	29.60 0.72 0.00	23.88 0.51 0.00	21.86 0.51 0.00	19.67 0.46 0.00
CRICKET__VALLEY_CC1 323756	20.01 0.39 0.00	18.82 0.39 0.00	18.24 0.41 0.00	17.87 0.38 0.00	18.37 0.40 0.00	18.86 0.37 0.00	20.95 0.43 0.00	21.87 0.58 0.00	19.44 0.55 0.00	18.36 0.60 0.00	17.07 0.59 0.00	16.48 0.57 0.00	15.34 0.50 0.00	14.89 0.50 0.00	14.22 0.51 0.00	13.92 0.54 0.00	15.54 0.58 0.00	19.18 0.68 0.00	21.49 0.65 0.00	28.92 0.82 0.00	29.68 0.81 0.00	23.92 0.56 0.00	21.90 0.55 0.00	19.75 0.54 0.00
CRICKET__VALLEY_CC2 323757	20.01 0.39 0.00	18.82 0.39 0.00	18.24 0.41 0.00	17.87 0.38 0.00	18.37 0.40 0.00	18.86 0.37 0.00	20.95 0.43 0.00	21.87 0.58 0.00	19.44 0.55 0.00	18.36 0.60 0.00	17.07 0.59 0.00	16.48 0.57 0.00	15.34 0.50 0.00	14.89 0.50 0.00	14.22 0.51 0.00	13.92 0.54 0.00	15.54 0.58 0.00	19.18 0.68 0.00	21.49 0.65 0.00	28.92 0.82 0.00	29.68 0.81 0.00	23.92 0.56 0.00	21.90 0.55 0.00	19.75 0.54 0.00
CRICKET__VALLEY_CC3 323758	20.01 0.39 0.00	18.82 0.39 0.00	18.24 0.41 0.00	17.87 0.38 0.00	18.37 0.40 0.00	18.86 0.37 0.00	20.95 0.43 0.00	21.87 0.58 0.00	19.44 0.55 0.00	18.36 0.60 0.00	17.07 0.59 0.00	16.48 0.57 0.00	15.34 0.50 0.00	14.89 0.50 0.00	14.22 0.51 0.00	13.92 0.54 0.00	15.54 0.58 0.00	19.18 0.68 0.00	21.49 0.65 0.00	28.92 0.82 0.00	29.68 0.81 0.00	23.92 0.56 0.00	21.90 0.55 0.00	19.75 0.54 0.00
CRUCIBLE_METL_DRP 24180	19.58 -0.04 0.00	18.34 -0.09 0.00	17.74 -0.09 0.00	17.42 -0.07 0.00	17.89 -0.09 0.00	18.45 -0.04 0.00	20.46 -0.06 0.00	21.17 -0.13 0.00	18.77 -0.11 0.00	17.65 -0.11 0.00	16.36 -0.12 0.00	15.78 -0.13 0.00	14.74 -0.10 0.00	14.27 -0.12 0.00	13.58 -0.12 0.00	13.24 -0.15 0.00	14.84 -0.12 0.00	18.34 -0.15 0.00	20.68 -0.17 0.00	27.91 -0.20 0.00	28.67 -0.20 0.00	23.22 -0.14 0.00	21.18 -0.17 0.00	19.08 -0.13 0.00
DAHOWA__HYDRO 323763	20.15 0.53 0.00	18.90 0.46 0.00	18.29 0.46 0.00	17.92 0.44 0.00	18.46 0.49 0.00	18.99 0.50 0.00	21.09 0.57 0.00	21.91 0.62 0.00	19.44 0.55 0.00	18.27 0.52 0.00	16.89 0.41 0.00	16.30 0.40 0.00	15.20 0.36 0.00	14.72 0.33 0.00	14.04 0.33 0.00	13.72 0.33 0.00	15.34 0.37 0.00	18.97 0.48 0.00	21.49 0.65 0.00	29.06 0.96 0.00	29.86 0.98 0.00	24.06 0.70 0.00	21.99 0.64 0.00	19.75 0.54 0.00
DANC__LFGE 323619	19.38 -0.23 0.00	18.18 -0.26 0.00	17.54 -0.29 0.00	17.23 -0.26 0.00	17.69 -0.29 0.00	18.21 -0.28 0.00	20.15 -0.37 0.00	20.83 -0.47 0.00	18.42 -0.47 0.00	17.24 -0.52 0.00	16.00 -0.48 0.00	15.41 -0.49 0.00	14.35 -0.49 0.00	13.90 -0.49 0.00	13.23 -0.48 0.00	12.91 -0.48 0.00	14.48 -0.48 0.00	17.99 -0.50 0.00	20.41 -0.44 0.00	27.71 -0.39 0.00	28.53 -0.35 0.00	23.06 -0.30 0.00	21.05 -0.30 0.00	18.90 -0.31 0.00
DANSKAMMER__1 23586	20.50 0.88 0.00	19.23 0.79 0.00	18.61 0.78 0.00	18.24 0.75 0.00	18.75 0.77 0.00	19.23 0.74 0.00	21.46 0.94 0.00	22.34 1.04 0.00	19.74 0.85 0.00	18.55 0.80 0.00	17.20 0.72 0.00	16.62 0.72 0.00	15.46 0.62 0.00	15.00 0.62 0.00	14.37 0.66 0.00	14.04 0.66 0.00	15.69 0.73 0.00	19.36 0.87 0.00	21.80 0.96 0.00	29.37 1.27 0.00	30.26 1.39 0.00	24.39 1.03 0.00	22.31 0.96 0.00	20.06 0.84 0.00
DANSKAMMER__2 23589	20.50 0.88 0.00	19.23 0.79 0.00	18.61 0.78 0.00	18.24 0.75 0.00	18.75 0.77 0.00	19.23 0.74 0.00	21.46 0.94 0.00	22.34 1.04 0.00	19.74 0.85 0.00	18.55 0.80 0.00	17.20 0.72 0.00	16.62 0.72 0.00	15.46 0.62 0.00	15.00 0.62 0.00	14.37 0.66 0.00	14.04 0.66 0.00	15.69 0.73 0.00	19.36 0.87 0.00	21.80 0.96 0.00	29.37 1.27 0.00	30.26 1.39 0.00	24.39 1.03 0.00	22.31 0.96 0.00	20.06 0.84 0.00
DANSKAMMER__3 23590	20.50 0.88 0.00	19.23 0.79 0.00	18.61 0.78 0.00	18.24 0.75 0.00	18.75 0.77 0.00	19.23 0.74 0.00	21.46 0.94 0.00	22.34 1.04 0.00	19.74 0.85 0.00	18.55 0.80 0.00	17.20 0.72 0.00	16.62 0.72 0.00	15.46 0.62 0.00	15.00 0.62 0.00	14.37 0.66 0.00	14.04 0.66 0.00	15.69 0.73 0.00	19.36 0.87 0.00	21.80 0.96 0.00	29.37 1.27 0.00	30.26 1.39 0.00	24.39 1.03 0.00	22.31 0.96 0.00	20.06 0.84 0.00

DANSKAMMER___4 23591	20.50 0.88 0.00	19.23 0.79 0.00	18.61 0.78 0.00	18.24 0.75 0.00	18.75 0.77 0.00	19.23 0.74 0.00	21.46 0.94 0.00	22.34 1.04 0.00	19.74 0.85 0.00	18.55 0.80 0.00	17.20 0.72 0.00	16.62 0.72 0.00	15.46 0.62 0.00	15.00 0.62 0.00	14.37 0.66 0.00	14.04 0.66 0.00	15.69 0.73 0.00	19.36 0.87 0.00	21.80 0.96 0.00	29.37 1.27 0.00	30.26 1.39 0.00	24.39 1.03 0.00	22.31 0.96 0.00	20.06 0.84 0.00
DANSKAMMER___DIESEL 23592	20.52 0.90 0.00	19.25 0.81 0.00	18.61 0.78 0.00	18.24 0.75 0.00	18.77 0.79 0.00	19.23 0.74 0.00	21.46 0.94 0.00	22.34 1.04 0.00	19.74 0.85 0.00	18.55 0.80 0.00	17.20 0.73 0.00	16.62 0.72 0.00	15.48 0.64 0.00	15.03 0.65 0.00	14.37 0.66 0.00	14.04 0.66 0.00	15.69 0.73 0.00	19.36 0.87 0.00	21.80 0.96 0.00	29.40 1.29 0.00	30.26 1.39 0.00	24.39 1.03 0.00	22.31 0.96 0.00	20.06 0.85 0.00
DARBY___SOLAR 323810	20.17 0.55 0.00	18.91 0.48 0.00	18.31 0.48 0.00	17.94 0.45 0.00	18.48 0.50 0.00	19.00 0.52 0.00	21.12 0.60 0.00	21.93 0.64 0.00	19.45 0.57 0.00	18.28 0.53 0.00	16.94 0.46 0.00	16.35 0.44 0.00	15.24 0.40 0.00	14.76 0.37 0.00	14.08 0.37 0.00	13.76 0.37 0.00	15.38 0.42 0.00	19.03 0.54 0.00	21.51 0.67 0.00	29.06 0.96 0.00	29.86 0.98 0.00	24.06 0.70 0.00	22.01 0.66 0.00	19.77 0.56 0.00
DASHVILLE___HYD 23610	20.34 0.73 0.00	19.10 0.66 0.00	18.45 0.62 0.00	18.10 0.61 0.00	18.61 0.63 0.00	19.00 0.52 0.00	21.14 0.62 0.00	21.95 0.66 0.00	19.34 0.45 0.00	18.20 0.44 0.00	16.91 0.43 0.00	16.34 0.43 0.00	15.23 0.39 0.00	14.77 0.39 0.00	14.12 0.41 0.00	13.81 0.43 0.00	15.43 0.46 0.00	19.03 0.54 0.00	21.39 0.54 0.00	28.81 0.70 0.00	29.65 0.78 0.00	23.97 0.61 0.00	22.01 0.66 0.00	19.86 0.65 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	21.52 1.90 0.00	20.21 1.77 0.00	19.44 1.60 0.00	19.03 1.54 0.00	19.49 1.51 0.00	20.04 1.55 0.00	24.71 2.01 -2.17	25.91 2.19 -2.42	20.63 1.74 0.00	19.31 1.56 0.00	17.75 1.27 0.00	17.08 1.18 0.00	16.04 1.20 0.00	15.55 1.17 0.00	14.79 1.08 0.00	14.46 1.07 0.00	16.34 1.38 0.00	20.32 1.83 0.00	23.16 2.31 0.00	31.11 3.01 0.00	32.05 3.18 0.00	26.16 2.50 -0.29	23.80 2.43 -0.02	21.09 1.88 0.00
DELAWARE___LFGE 323621	20.23 0.61 0.00	18.99 0.55 0.00	18.35 0.52 0.00	17.99 0.51 0.00	18.48 0.50 0.00	19.04 0.55 0.00	21.18 0.66 0.00	22.02 0.72 0.00	19.55 0.66 0.00	18.37 0.62 0.00	17.07 0.59 0.00	16.49 0.59 0.00	15.37 0.53 0.00	14.90 0.52 0.00	14.20 0.49 0.00	13.86 0.47 0.00	15.49 0.52 0.00	19.12 0.63 0.00	21.57 0.73 0.00	29.06 0.96 0.00	29.89 1.01 0.00	24.16 0.79 0.00	22.07 0.73 0.00	19.85 0.63 0.00
DERFIELD_115KV_TB7 355931	19.70 0.08 0.00	18.51 0.07 0.00	17.90 0.07 0.00	17.56 0.07 0.00	18.05 0.07 0.00	18.56 0.07 0.00	20.60 0.08 0.00	21.40 0.11 0.00	18.98 0.09 0.00	17.86 0.11 0.00	16.58 0.10 0.00	16.02 0.11 0.00	14.93 0.09 0.00	14.47 0.09 0.00	13.80 0.10 0.00	13.48 0.09 0.00	15.05 0.09 0.00	18.60 0.11 0.00	20.97 0.13 0.00	28.28 0.17 0.00	29.02 0.14 0.00	23.48 0.12 0.00	21.46 0.11 0.00	19.31 0.10 0.00
DOGLEVILLE___HYD 23807	19.91 0.29 0.00	18.71 0.28 0.00	18.08 0.25 0.00	17.71 0.23 0.00	18.19 0.22 0.00	18.73 0.24 0.00	20.77 0.25 0.00	21.55 0.26 0.00	19.08 0.19 0.00	17.89 0.14 0.00	16.59 0.12 0.00	15.99 0.08 0.00	14.90 0.06 0.00	14.46 0.07 0.00	13.78 0.07 0.00	13.45 0.07 0.00	15.04 0.08 0.00	18.60 0.11 0.00	21.03 0.19 0.00	28.47 0.36 0.00	29.31 0.43 0.00	23.73 0.37 0.00	21.73 0.38 0.00	19.58 0.36 0.00
DUNKIRK___115KV_TB_200 55889	20.25 0.63 0.00	18.90 0.46 0.00	18.28 0.45 0.00	17.96 0.47 0.00	18.45 0.47 0.00	19.15 0.67 0.00	21.12 0.60 0.00	21.34 0.04 0.00	19.04 0.15 0.00	17.75 0.00 0.00	16.53 0.05 0.00	15.86 -0.05 0.00	14.82 -0.01 0.00	14.30 -0.09 0.00	13.60 -0.11 0.00	13.32 -0.07 0.00	14.90 -0.06 0.00	18.34 -0.15 0.00	21.05 0.21 0.00	27.94 -0.17 0.00	28.73 -0.14 0.00	23.55 0.19 0.00	21.35 0.00 0.00	19.42 0.21 0.00
DUNKIRK___1 23563	20.25 0.63 0.00	18.90 0.46 0.00	18.28 0.45 0.00	17.96 0.47 0.00	18.45 0.47 0.00	19.15 0.67 0.00	21.12 0.60 0.00	21.34 0.04 0.00	19.04 0.15 0.00	17.75 0.00 0.00	16.53 0.05 0.00	15.86 -0.05 0.00	14.82 -0.01 0.00	14.30 -0.09 0.00	13.60 -0.11 0.00	13.32 -0.07 0.00	14.90 -0.06 0.00	18.34 -0.15 0.00	21.05 0.21 0.00	27.94 -0.17 0.00	28.73 -0.14 0.00	23.55 0.19 0.00	21.35 0.00 0.00	19.42 0.21 0.00
DUNKIRK___2 23564	20.25 0.63 0.00	18.90 0.46 0.00	18.28 0.45 0.00	17.96 0.47 0.00	18.45 0.47 0.00	19.15 0.67 0.00	21.12 0.60 0.00	21.34 0.04 0.00	19.04 0.15 0.00	17.75 0.00 0.00	16.53 0.05 0.00	15.86 -0.05 0.00	14.82 -0.01 0.00	14.30 -0.09 0.00	13.60 -0.11 0.00	13.32 -0.07 0.00	14.90 -0.06 0.00	18.34 -0.15 0.00	21.05 0.21 0.00	27.94 -0.17 0.00	28.73 -0.14 0.00	23.55 0.19 0.00	21.35 0.00 0.00	19.42 0.21 0.00
DUNKIRK___3 23565	20.11 0.49 0.00	18.75 0.31 0.00	18.15 0.32 0.00	17.84 0.35 0.00	18.32 0.34 0.00	19.00 0.52 0.00	20.95 0.43 0.00	21.17 -0.13 0.00	18.89 0.00 0.00	17.61 -0.14 0.00	16.40 -0.08 0.00	15.73 -0.17 0.00	14.72 -0.12 0.00	14.20 -0.19 0.00	13.50 -0.21 0.00	13.21 -0.17 0.00	14.78 -0.18 0.00	18.21 -0.28 0.00	20.89 0.04 0.00	27.71 -0.39 0.00	28.50 -0.38 0.00	23.36 0.00 0.00	21.18 -0.17 0.00	19.29 0.08 0.00
DUNKIRK___4 23566	20.11 0.49 0.00	18.75 0.31 0.00	18.15 0.32 0.00	17.84 0.35 0.00	18.32 0.34 0.00	19.00 0.52 0.00	20.95 0.43 0.00	21.17 -0.13 0.00	18.89 0.00 0.00	17.61 -0.14 0.00	16.40 -0.08 0.00	15.73 -0.17 0.00	14.72 -0.12 0.00	14.20 -0.19 0.00	13.50 -0.21 0.00	13.21 -0.17 0.00	14.78 -0.18 0.00	18.21 -0.28 0.00	20.89 0.04 0.00	27.71 -0.39 0.00	28.50 -0.38 0.00	23.36 0.00 0.00	21.18 -0.17 0.00	19.29 0.08 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.34 0.73 0.00	19.12 0.68 0.00	18.47 0.64 0.00	18.12 0.63 0.00	18.61 0.63 0.00	19.08 0.59 0.00	21.34 0.82 0.00	22.34 1.04 0.00	19.79 0.91 0.00	18.71 0.96 0.00	17.40 0.92 0.00	16.81 0.91 0.00	15.69 0.85 0.00	15.21 0.82 0.00	14.52 0.81 0.00	14.22 0.83 0.00	15.86 0.90 0.00	19.58 1.09 0.00	21.97 1.13 0.00	29.51 1.41 0.00	30.35 1.47 0.00	24.44 1.07 0.00	22.37 1.02 0.00	20.11 0.90 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.32 0.71 0.00	19.08 0.65 0.00	18.44 0.61 0.00	18.06 0.58 0.00	18.59 0.61 0.00	19.06 0.57 0.00	21.28 0.76 0.00	22.17 0.87 0.00	19.61 0.72 0.00	18.46 0.71 0.00	17.14 0.66 0.00	16.56 0.65 0.00	15.43 0.59 0.00	14.98 0.59 0.00	14.31 0.60 0.00	14.00 0.62 0.00	15.63 0.67 0.00	19.29 0.80 0.00	21.70 0.85 0.00	29.20 1.10 0.00	30.06 1.18 0.00	24.25 0.89 0.00	22.18 0.83 0.00	19.94 0.73 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	20.61 0.98 -0.01	19.37 0.92 -0.01	18.73 0.89 -0.01	18.39 0.89 -0.01	18.87 0.88 -0.01	19.33 0.83 -0.01	21.57 1.05 0.00	22.42 1.13 0.00	19.76 0.87 0.00	18.73 0.98 0.00	17.43 0.96 0.00	16.86 0.95 0.00	15.74 0.91 0.00	15.26 0.88 0.00	14.59 0.88 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.64 1.15 0.00	21.99 1.15 0.00	29.54 1.43 0.00	30.43 1.56 0.00	24.41 1.05 0.00	22.57 1.22 -0.01	20.33 1.11 -0.01
E179THST_13_KV_LOAD 356214	20.69 1.06 -0.01	19.44 1.00 -0.01	18.80 0.96 -0.01	18.44 0.94 -0.01	18.94 0.95 -0.01	19.38 0.89 -0.01	21.63 1.11 0.00	22.49 1.19 0.00	19.81 0.93 0.00	18.78 1.03 0.00	17.50 1.02 0.00	16.92 1.02 0.00	15.80 0.96 0.00	15.32 0.94 0.00	14.64 0.93 0.00	14.35 0.96 0.00	15.98 1.02 0.00	19.71 1.22 0.00	22.07 1.23 0.00	29.65 1.55 0.00	30.58 1.70 0.00	24.51 1.14 0.00	22.66 1.30 -0.01	20.43 1.21 -0.01
EAST HAMPTON___GT 23717	21.68 2.06 0.00	20.34 1.90 0.00	19.61 1.78 0.00	19.18 1.70 0.00	19.67 1.69 0.00	20.21 1.72 0.00	24.91 2.22 -2.17	26.10 2.38 -2.42	20.81 1.93 0.00	19.49 1.74 0.00	17.88 1.40 0.00	17.19 1.29 0.00	15.91 1.07 0.00	15.39 1.01 0.00	14.82 1.11 0.00	14.50 1.11 0.00	16.40 1.44 0.00	20.40 1.90 0.00	23.30 2.46 0.00	31.28 3.18 0.00	32.25 3.38 0.00	26.39 2.73 -0.29	24.06 2.69 -0.02	21.29 2.08 0.00
EAST RIVER___6 23660	20.36 0.75 0.00	19.06 0.63 0.00	18.51 0.68 0.00	18.13 0.65 0.00	18.64 0.67 0.00	19.08 0.59 0.00	21.34 0.82 0.00	22.34 1.04 0.00	19.78 0.89 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.73 0.89 0.00	15.22 0.83 0.00	14.59 0.88 0.00	14.30 0.91 0.00	15.92 0.96 0.00	19.66 1.17 0.00	22.01 1.17 0.00	29.51 1.40 0.00	30.37 1.50 0.00	24.41 1.05 0.00	22.44 1.09 0.00	20.17 0.96 0.00
EAST RIVER___7 23524	20.36 0.75 0.00	19.06 0.63 0.00	18.51 0.68 0.00	18.13 0.65 0.00	18.64 0.67 0.00	19.08 0.59 0.00	21.34 0.82 0.00	22.34 1.04 0.00	19.78 0.89 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.73 0.89 0.00	15.22 0.83 0.00	14.59 0.88 0.00	14.30 0.91 0.00	15.92 0.96 0.00	19.66 1.17 0.00	22.01 1.17 0.00	29.51 1.40 0.00	30.37 1.50 0.00	24.41 1.05 0.00	22.44 1.09 0.00	20.17 0.96 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.34 0.73 0.00	19.10 0.66 0.00	18.47 0.64 0.00	18.10 0.61 0.00	18.61 0.63 0.00	19.08 0.59 0.00	21.32 0.80 0.00	22.29 1.00 0.00	19.76 0.87 0.00	18.67 0.92 0.00	17.35 0.87 0.00	16.78 0.87 0.00	15.64 0.80 0.00	15.18 0.79 0.00	14.48 0.77 0.00	14.19 0.80 0.00	15.83 0.87 0.00	19.53 1.04 0.00	21.91 1.06 0.00	29.46 1.35 0.00	30.29 1.41 0.00	24.41 1.05 0.00	22.35 1.00 0.00	20.10 0.88 0.00
EAST_HAMPTON___DIESEL 23722	21.68 2.06 0.00	20.34 1.90 0.00	19.61 1.78 0.00	19.20 1.71 0.00	19.67 1.69 0.00	20.21 1.72 0.00	24.91 2.22 -2.17	26.10 2.38 -2.42	20.81 1.93 0.00	19.49 1.74 0.00	17.88 1.40 0.00	17.19 1.29 0.00	15.91 1.07 0.00	15.38 0.99 0.00	14.81 1.10 0.00	14.48 1.10 0.00	16.38 1.42 0.00	20.40 1.90 0.00	23.30 2.46 0.00	31.28 3.18 0.00	32.25 3.38 0.00	26.39 2.73 -0.29	24.06 2.69 -0.02	21.29 2.08 0.00
EAST_POINT___SOLAR 323840	20.54 0.92 0.00	19.21 0.77 0.00	18.60 0.77 0.00	18.22 0.73 0.00	18.75 0.77 0.00	19.34 0.85 0.00	21.51 0.98 0.00	22.29 1.00 0.00	19.74 0.85 0.00	18.50 0.75 0.00	17.12 0.64 0.00	16.53 0.62 0.00	15.36 0.52 0.00	14.89 0.50 0.00	14.19 0.48 0.00	13.86 0.47 0.00	15.56 0.60 0.00	19.30 0.81 0.00	21.93 1.08 0.00	29.68 1.57 0.00	30.58 1.70 0.00	24.79 1.43 0.00	22.57 1.22 0.00	20.21 1.00 0.00
EAST_PULASKI___ESR 323781	19.32 -0.29 0.00	18.12 -0.31 0.00	17.51 -0.32 0.00	17.19 -0.30 0.00	17.66 -0.32 0.00	18.17 -0.31 0.00	20.13 -0.39 0.00	20.80 -0.49 0.00	18.43 -0.45 0.00	17.29 -0.46 0.00	16.05 -0.43 0.00	15.46 -0.45 0.00	14.44 -0.40 0.00	13.98 -0.40 0.00	13.30 -0.41 0.00	12.97 -0.42 0.00	14.54 -0.42 0.00	18.01 -0.48 0.00	20.34 -0.50 0.00	27.54 -0.56 0.00	28.30 -0.58 0.00	22.90 -0.47 0.00	20.94 -0.41 0.00	18.83 -0.38 0.00
EAST_RIVER___1 323558	20.38 0.76 0.00	19.10 0.66 0.00	18.53 0.69 0.00	18.15 0.66 0.00	18.66 0.68 0.00	19.10 0.61 0.00	21.36 0.84 0.00	22.36 1.06 0.00	19.79 0.91 0.00	18.76 1.01 0.00	17.47 0.99 0.00	16.88 0.97 0.00	15.73 0.89 0.00	15.22 0.83 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.66 1.17 0.00	22.01 1.17 0.00	29.54 1.43 0.00	30.40 1.53 0.00	24.44 1.08 0.00	22.46 1.11 0.00	20.19 0.98 0.00
EAST_RIVER___2 323559	20.36 0.75 0.00	19.06 0.63 0.00	18.51 0.68 0.00	18.13 0.65 0.00	18.64 0.67 0.00	19.08 0.59 0.00	21.34 0.82 0.00	22.34 1.04 0.00	19.78 0.89 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.73 0.89 0.00	15.22 0.83 0.00	14.59 0.88 0.00	14.30 0.91 0.00	15.92 0.96 0.00	19.66 1.17 0.00	22.01 1.17 0.00	29.51 1.40 0.00	30.37 1.50 0.00	24.41 1.05 0.00	22.44 1.09 0.00	20.17 0.96 0.00
EAST___DELAWARE_HYD 23607	20.58 0.96 0.00	19.28 0.85 0.00	18.65 0.82 0.00	18.27 0.79 0.00	18.81 0.83 0.00	19.28 0.79 0.00	21.53 1.01 0.00	22.38 1.09 0.00	19.76 0.87 0.00	18.53 0.78 0.00	17.19 0.71 0.00	16.61 0.70 0.00	15.45 0.61 0.00	15.00 0.62 0.00	14.35 0.64 0.00	14.03 0.64 0.00	15.68 0.72 0.00	19.34 0.85 0.00	21.80 0.96 0.00	29.40 1.29 0.00	30.29 1.41 0.00	24.44 1.08 0.00	22.33 0.98 0.00	20.06 0.84 0.00
EIGHT_POINT___WT_PWR 323820	20.60 0.98 0.00	19.23 0.79 0.00	18.47 0.64 0.00	18.19 0.70 0.00	18.61 0.63 0.00	19.30 0.81 0.00	21.40 0.88 0.00	22.02 0.72 0.00	19.51 0.62 0.00	18.25 0.50 0.00	16.91 0.43 0.00	16.32 0.41 0.00	15.25 0.41 0.00	14.79 0.40 0.00	14.02 0.32 0.00	13.71 0.32 0.00	15.43 0.46 0.00	19.18 0.68 0.00	21.85 1.00 0.00	29.62 1.52 0.00	30.37 1.50 0.00	24.74 1.38 0.00	22.48 1.13 0.00	20.17 0.96 0.00
ELBRIDGE_115KV_TB2 80188	19.50 -0.12 0.00	18.29 -0.15 0.00	17.67 -0.16 0.00	17.35 -0.14 0.00	17.82 -0.16 0.00	18.38 -0.11 0.00	20.38 -0.14 0.00	21.08 -0.21 0.00	18.70 -0.19 0.00	17.56 -0.20 0.00	16.28 -0.20 0.00	15.70 -0.21 0.00	14.66 -0.18 0.00	14.20 -0.19 0.00	13.52 -0.19 0.00	13.19 -0.20 0.00	14.77 -0.19 0.00	18.27 -0.22 0.00	20.59 -0.25 0.00	27.77 -0.34 0.00	28.53 -0.35 0.00	23.13 -0.23 0.00	21.09 -0.26 0.00	18.98 -0.23 0.00
ELEC_TRO_TEK 24086	20.54 0.92 0.00	19.25 0.81 0.00	18.53 0.70 0.00	18.15 0.66 0.00	18.63 0.65 0.00	19.11 0.63 0.00	23.72 1.03 -2.17	24.95 1.24 -2.42	19.74 0.85 0.00	18.59 0.83 0.00	17.19 0.71 0.00	16.59 0.68 0.00	15.55 0.71 0.00	15.11 0.72 0.00	14.39 0.69 0.00	14.08 0.70 0.00	15.81 0.85 0.00	19.58 1.09 0.00	22.16 1.31 0.00	29.60 1.49 0.00	30.43 1.56 0.00	24.91 1.26 -0.29	22.62 1.26 -0.01	20.17 0.96 0.00

ELLENBURG_WT_PWR 323604	19.66 0.04 0.00	18.58 0.15 0.00	18.03 0.20 0.00	17.64 0.16 0.00	18.12 0.14 0.00	18.58 0.09 0.00	20.34 -0.19 0.00	21.00 -0.30 0.00	18.58 -0.30 0.00	17.29 -0.46 0.00	15.93 -0.54 0.00	15.32 -0.59 0.00	14.29 -0.55 0.00	13.85 -0.53 0.00	13.19 -0.52 0.00	12.86 -0.52 0.00	14.36 -0.60 0.00	17.90 -0.59 0.00	20.49 -0.35 0.00	27.97 -0.14 0.00	28.82 -0.06 0.00	23.53 0.16 0.00	21.39 0.04 0.00	19.25 0.04 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.76 0.14 0.00	18.44 0.00 0.00	17.87 0.04 0.00	17.56 0.07 0.00	18.03 0.05 0.00	18.67 0.18 0.00	20.56 0.04 0.00	20.70 -0.60 0.00	18.45 -0.43 0.00	17.22 -0.53 0.00	16.03 -0.44 0.00	15.37 -0.54 0.00	14.39 -0.45 0.00	13.88 -0.50 0.00	13.21 -0.49 0.00	12.93 -0.46 0.00	14.45 -0.51 0.00	17.79 -0.70 0.00	20.39 -0.46 0.00	26.98 -1.12 0.00	27.78 -1.10 0.00	22.75 -0.61 0.00	20.64 -0.70 0.00	18.87 -0.35 0.00
EMPIRE_CC_1 323656	19.89 0.27 0.00	18.71 0.28 0.00	18.11 0.28 0.00	17.77 0.28 0.00	18.27 0.29 0.00	18.74 0.26 0.00	20.79 0.27 0.00	21.59 0.30 0.00	19.15 0.26 0.00	18.09 0.34 0.00	16.86 0.38 0.00	16.27 0.37 0.00	15.15 0.31 0.00	14.70 0.32 0.00	14.02 0.32 0.00	13.71 0.32 0.00	15.31 0.34 0.00	18.86 0.37 0.00	21.18 0.33 0.00	28.55 0.45 0.00	29.28 0.40 0.00	23.62 0.26 0.00	21.73 0.38 0.00	19.56 0.35 0.00
EMPIRE_CC_2 323658	19.89 0.27 0.00	18.71 0.28 0.00	18.11 0.28 0.00	17.77 0.28 0.00	18.27 0.29 0.00	18.74 0.26 0.00	20.79 0.27 0.00	21.59 0.30 0.00	19.15 0.26 0.00	18.09 0.34 0.00	16.86 0.38 0.00	16.27 0.37 0.00	15.15 0.31 0.00	14.70 0.32 0.00	14.02 0.32 0.00	13.71 0.32 0.00	15.31 0.34 0.00	18.86 0.37 0.00	21.18 0.33 0.00	28.55 0.45 0.00	29.28 0.40 0.00	23.62 0.26 0.00	21.73 0.38 0.00	19.56 0.35 0.00
ENORWICH_115KV_TB1 80156	21.50 1.88 0.00	20.11 1.68 0.00	19.42 1.59 0.00	19.03 1.54 0.00	19.47 1.49 0.00	20.15 1.66 0.00	22.37 1.85 0.00	23.17 1.87 0.00	20.49 1.61 0.00	19.03 1.28 0.00	17.63 1.15 0.00	16.96 1.05 0.00	15.73 0.89 0.00	15.23 0.85 0.00	14.49 0.78 0.00	14.14 0.75 0.00	15.92 0.96 0.00	19.80 1.31 0.00	22.62 1.77 0.00	30.78 2.67 0.00	31.70 2.83 0.00	25.65 2.29 0.00	23.33 1.99 0.00	20.96 1.75 0.00
ERIE_ST_34_KV_TB1-2 80199	20.19 0.57 0.00	18.84 0.41 0.00	18.24 0.41 0.00	17.92 0.44 0.00	18.41 0.43 0.00	19.10 0.61 0.00	21.03 0.51 0.00	21.21 -0.09 0.00	18.91 0.02 0.00	17.63 -0.12 0.00	16.41 -0.07 0.00	15.75 -0.16 0.00	14.74 -0.10 0.00	14.23 -0.16 0.00	13.54 -0.16 0.00	13.25 -0.13 0.00	14.83 -0.13 0.00	18.27 -0.22 0.00	20.95 0.10 0.00	27.80 -0.31 0.00	28.59 -0.29 0.00	23.43 0.07 0.00	21.22 -0.13 0.00	19.37 0.15 0.00
ERIE_WT_PWR 323693	20.03 0.41 0.00	18.73 0.29 0.00	18.01 0.18 0.00	17.75 0.26 0.00	18.21 0.23 0.00	18.82 0.33 0.00	20.73 0.21 0.00	20.87 -0.43 0.00	18.62 -0.26 0.00	17.38 -0.37 0.00	16.16 -0.31 0.00	15.51 -0.40 0.00	14.54 -0.30 0.00	14.11 -0.27 0.00	13.34 -0.37 0.00	13.04 -0.35 0.00	14.59 -0.37 0.00	17.95 -0.54 0.00	20.60 -0.25 0.00	27.26 -0.84 0.00	28.07 -0.81 0.00	22.99 -0.37 0.00	20.90 -0.45 0.00	19.06 -0.15 0.00
ESPRGFLD_115KV_TB1 80157	20.50 0.88 0.00	19.21 0.77 0.00	18.58 0.75 0.00	18.20 0.72 0.00	18.72 0.74 0.00	19.32 0.83 0.00	21.48 0.96 0.00	22.29 1.00 0.00	19.78 0.89 0.00	18.55 0.80 0.00	17.22 0.74 0.00	16.62 0.72 0.00	15.46 0.62 0.00	14.99 0.60 0.00	14.27 0.56 0.00	13.94 0.55 0.00	15.60 0.64 0.00	19.34 0.85 0.00	21.91 1.06 0.00	29.60 1.49 0.00	30.46 1.59 0.00	24.69 1.33 0.00	22.48 1.13 0.00	20.17 0.96 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.07 0.45 0.00	18.80 0.37 0.00	18.17 0.34 0.00	17.84 0.35 0.00	18.32 0.34 0.00	18.91 0.43 0.00	20.99 0.47 0.00	21.70 0.40 0.00	19.21 0.32 0.00	17.98 0.23 0.00	16.66 0.18 0.00	16.05 0.14 0.00	14.97 0.13 0.00	14.50 0.12 0.00	13.80 0.10 0.00	13.47 0.08 0.00	15.13 0.16 0.00	18.75 0.26 0.00	21.22 0.38 0.00	28.70 0.59 0.00	29.48 0.61 0.00	23.92 0.56 0.00	21.78 0.43 0.00	19.60 0.38 0.00
ETNA____115KV_TB2 80207	20.07 0.45 0.00	18.80 0.37 0.00	18.17 0.34 0.00	17.84 0.35 0.00	18.32 0.34 0.00	18.91 0.43 0.00	20.99 0.47 0.00	21.70 0.40 0.00	19.21 0.32 0.00	17.98 0.23 0.00	16.66 0.18 0.00	16.05 0.14 0.00	14.97 0.13 0.00	14.50 0.12 0.00	13.80 0.10 0.00	13.47 0.08 0.00	15.13 0.16 0.00	18.75 0.26 0.00	21.22 0.38 0.00	28.70 0.59 0.00	29.48 0.61 0.00	23.92 0.56 0.00	21.78 0.43 0.00	19.60 0.38 0.00
EUCLID____115KV_TB2 356179	19.34 -0.27 0.00	18.14 -0.29 0.00	17.55 -0.29 0.00	17.22 -0.26 0.00	17.69 -0.29 0.00	18.23 -0.26 0.00	20.21 -0.31 0.00	20.91 -0.38 0.00	18.55 -0.34 0.00	17.41 -0.34 0.00	16.16 -0.31 0.00	15.59 -0.32 0.00	14.56 -0.28 0.00	14.10 -0.29 0.00	13.43 -0.27 0.00	13.11 -0.28 0.00	14.68 -0.28 0.00	18.14 -0.35 0.00	20.43 -0.42 0.00	27.54 -0.56 0.00	28.30 -0.58 0.00	22.92 -0.44 0.00	20.90 -0.45 0.00	18.83 -0.38 0.00
E_CANADA_CAP_HY 24051	20.50 0.88 0.00	19.17 0.74 0.00	18.56 0.73 0.00	18.17 0.68 0.00	18.72 0.74 0.00	19.30 0.81 0.00	21.44 0.92 0.00	22.25 0.96 0.00	19.70 0.81 0.00	18.44 0.69 0.00	17.10 0.63 0.00	16.49 0.59 0.00	15.36 0.52 0.00	14.86 0.47 0.00	14.16 0.45 0.00	13.84 0.46 0.00	15.53 0.57 0.00	19.27 0.78 0.00	21.87 1.02 0.00	29.60 1.49 0.00	30.49 1.62 0.00	24.74 1.38 0.00	22.54 1.19 0.00	20.19 0.98 0.00
E_CANADA_MHWK_HY 24050	19.91 0.29 0.00	18.71 0.28 0.00	18.08 0.25 0.00	17.71 0.23 0.00	18.19 0.22 0.00	18.73 0.24 0.00	20.77 0.25 0.00	21.55 0.26 0.00	19.08 0.19 0.00	17.89 0.14 0.00	16.59 0.12 0.00	15.99 0.08 0.00	14.90 0.06 0.00	14.46 0.07 0.00	13.78 0.07 0.00	13.45 0.07 0.00	15.04 0.08 0.00	18.60 0.11 0.00	21.03 0.19 0.00	28.47 0.36 0.00	29.31 0.43 0.00	23.73 0.37 0.00	21.73 0.38 0.00	19.58 0.36 0.00
E_FISHKILL____LBMP 23776	20.19 0.57 0.00	18.97 0.53 0.00	18.35 0.52 0.00	17.98 0.49 0.00	18.48 0.50 0.00	18.95 0.46 0.00	21.14 0.62 0.00	22.08 0.79 0.00	19.57 0.68 0.00	18.48 0.73 0.00	17.19 0.71 0.00	16.61 0.70 0.00	15.48 0.64 0.00	15.02 0.63 0.00	14.33 0.62 0.00	14.03 0.64 0.00	15.65 0.69 0.00	19.32 0.83 0.00	21.68 0.83 0.00	29.17 1.07 0.00	29.97 1.10 0.00	24.16 0.79 0.00	22.12 0.77 0.00	19.90 0.69 0.00
FALCON____SEABRD_CC1 323796	19.87 0.25 0.00	18.80 0.37 0.00	18.22 0.39 0.00	17.84 0.35 0.00	18.34 0.36 0.00	18.80 0.31 0.00	20.44 -0.08 0.00	21.10 -0.19 0.00	18.68 -0.21 0.00	17.36 -0.39 0.00	15.98 -0.49 0.00	15.37 -0.54 0.00	14.35 -0.49 0.00	13.90 -0.49 0.00	13.23 -0.48 0.00	12.91 -0.48 0.00	14.42 -0.54 0.00	17.97 -0.52 0.00	20.62 -0.23 0.00	28.13 0.03 0.00	28.99 0.12 0.00	23.80 0.44 0.00	21.65 0.30 0.00	19.48 0.27 0.00

FALCON___SEABRD_CC2 323797	19.87 0.25 0.00	18.80 0.37 0.00	18.22 0.39 0.00	17.84 0.35 0.00	18.34 0.36 0.00	18.80 0.31 0.00	20.44 -0.08 0.00	21.10 -0.19 0.00	18.68 -0.21 0.00	17.36 -0.39 0.00	15.98 -0.49 0.00	15.37 -0.54 0.00	14.35 -0.49 0.00	13.90 -0.49 0.00	13.23 -0.48 0.00	12.91 -0.48 0.00	14.42 -0.54 0.00	17.97 -0.52 0.00	20.62 -0.23 0.00	28.13 0.03 0.00	28.99 0.12 0.00	23.80 0.44 0.00	21.65 0.30 0.00	19.48 0.27 0.00
FAR ROCKAWAY___4 23548	20.78 1.16 0.00	19.47 1.03 0.00	18.72 0.89 0.00	18.34 0.86 0.00	18.82 0.84 0.00	19.32 0.83 0.00	23.95 1.25 -2.17	25.18 1.47 -2.42	19.93 1.04 0.00	18.75 0.99 0.00	17.33 0.86 0.00	16.72 0.81 0.00	15.69 0.85 0.00	15.23 0.85 0.00	14.52 0.81 0.00	14.20 0.82 0.00	15.95 0.99 0.00	19.75 1.26 0.00	22.41 1.56 0.00	29.91 1.80 0.00	30.78 1.91 0.00	25.22 1.57 -0.29	22.90 1.54 -0.01	20.38 1.17 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.42 0.80 0.00	19.19 0.76 0.00	18.56 0.73 0.00	18.20 0.72 0.00	18.68 0.70 0.00	19.13 0.65 0.00	21.38 0.86 0.00	22.40 1.11 0.00	19.81 0.93 0.00	18.78 1.03 0.00	17.48 1.01 0.00	16.91 1.00 0.00	15.77 0.93 0.00	15.28 0.89 0.00	14.60 0.89 0.00	14.31 0.92 0.00	15.95 0.99 0.00	19.67 1.18 0.00	22.03 1.19 0.00	29.57 1.46 0.00	30.46 1.59 0.00	24.48 1.12 0.00	22.46 1.11 0.00	20.23 1.02 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.42 0.80 0.00	19.19 0.76 0.00	18.56 0.73 0.00	18.20 0.72 0.00	18.68 0.70 0.00	19.11 0.63 0.00	21.38 0.86 0.00	22.38 1.09 0.00	19.81 0.93 0.00	18.78 1.03 0.00	17.48 1.01 0.00	16.91 1.00 0.00	15.76 0.92 0.00	15.28 0.89 0.00	14.60 0.89 0.00	14.31 0.92 0.00	15.95 0.99 0.00	19.67 1.18 0.00	22.03 1.19 0.00	29.57 1.46 0.00	30.46 1.59 0.00	24.48 1.12 0.00	22.46 1.11 0.00	20.23 1.02 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.40 0.78 0.00	19.17 0.74 0.00	18.54 0.71 0.00	18.19 0.70 0.00	18.66 0.68 0.00	19.11 0.63 0.00	21.36 0.84 0.00	22.38 1.09 0.00	19.79 0.91 0.00	18.76 1.01 0.00	17.47 0.99 0.00	16.89 0.99 0.00	15.74 0.91 0.00	15.26 0.88 0.00	14.59 0.88 0.00	14.30 0.91 0.00	15.93 0.97 0.00	19.66 1.16 0.00	22.01 1.17 0.00	29.54 1.43 0.00	30.43 1.56 0.00	24.46 1.10 0.00	22.44 1.09 0.00	20.21 1.00 0.00
FARRAGUT___LBMP 323566	20.40 0.78 0.00	19.15 0.72 0.00	18.53 0.70 0.00	18.17 0.68 0.00	18.66 0.68 0.00	19.10 0.61 0.00	21.36 0.84 0.00	22.36 1.06 0.00	19.79 0.91 0.00	18.76 1.01 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.74 0.91 0.00	15.26 0.88 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.66 1.16 0.00	21.99 1.15 0.00	29.54 1.43 0.00	30.40 1.53 0.00	24.44 1.07 0.00	22.42 1.07 0.00	20.19 0.98 0.00
FENNER___WINDPWR 24204	20.13 0.51 0.00	18.88 0.44 0.00	18.24 0.41 0.00	17.89 0.40 0.00	18.37 0.40 0.00	18.95 0.46 0.00	21.01 0.49 0.00	21.80 0.51 0.00	19.32 0.43 0.00	18.11 0.35 0.00	16.81 0.33 0.00	16.19 0.29 0.00	15.11 0.27 0.00	14.65 0.26 0.00	13.94 0.23 0.00	13.60 0.21 0.00	15.24 0.28 0.00	18.90 0.41 0.00	21.34 0.50 0.00	28.89 0.79 0.00	29.68 0.81 0.00	24.02 0.65 0.00	21.90 0.55 0.00	19.67 0.46 0.00
FIBERTEK___ENERGY 23856	19.58 -0.04 0.00	18.34 -0.09 0.00	17.74 -0.09 0.00	17.42 -0.07 0.00	17.89 -0.09 0.00	18.45 -0.04 0.00	20.46 -0.06 0.00	21.17 -0.13 0.00	18.77 -0.11 0.00	17.65 -0.11 0.00	16.36 -0.12 0.00	15.78 -0.13 0.00	14.74 -0.10 0.00	14.27 -0.12 0.00	13.58 -0.12 0.00	13.24 -0.15 0.00	14.84 -0.12 0.00	18.34 -0.15 0.00	20.68 -0.17 0.00	27.91 -0.20 0.00	28.67 -0.20 0.00	23.22 -0.14 0.00	21.18 -0.17 0.00	19.08 -0.13 0.00
FITZPATRICK____ 23598	19.11 -0.51 0.00	17.94 -0.50 0.00	17.33 -0.50 0.00	17.00 -0.49 0.00	17.48 -0.50 0.00	17.99 -0.50 0.00	19.95 -0.57 0.00	20.63 -0.66 0.00	18.32 -0.57 0.00	17.20 -0.55 0.00	15.97 -0.51 0.00	15.40 -0.51 0.00	14.38 -0.46 0.00	13.94 -0.45 0.00	13.27 -0.44 0.00	12.95 -0.44 0.00	14.48 -0.48 0.00	17.90 -0.59 0.00	20.16 -0.69 0.00	27.15 -0.96 0.00	27.89 -0.98 0.00	22.59 -0.77 0.00	20.62 -0.73 0.00	18.58 -0.63 0.00
FLOWRFLD_69_KV_BK1 356044	20.93 1.31 0.00	19.63 1.20 0.00	18.88 1.05 0.00	18.48 1.00 0.00	18.95 0.97 0.00	19.47 0.98 0.00	24.09 1.40 -2.17	25.31 1.60 -2.42	20.06 1.17 0.00	18.83 1.08 0.00	17.35 0.87 0.00	16.73 0.83 0.00	15.73 0.89 0.00	15.29 0.91 0.00	14.57 0.86 0.00	14.26 0.87 0.00	16.05 1.09 0.00	19.91 1.42 0.00	22.64 1.79 0.00	30.21 2.11 0.00	31.10 2.22 0.00	25.46 1.80 -0.29	23.12 1.75 -0.02	20.52 1.31 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.54 0.92 0.00	19.28 0.85 0.00	18.63 0.80 0.00	18.26 0.77 0.00	18.79 0.81 0.00	19.24 0.76 0.00	21.51 0.98 0.00	22.38 1.09 0.00	19.76 0.87 0.00	18.57 0.82 0.00	17.22 0.74 0.00	16.64 0.73 0.00	15.49 0.65 0.00	15.03 0.65 0.00	14.37 0.66 0.00	14.06 0.67 0.00	15.71 0.75 0.00	19.38 0.89 0.00	21.82 0.98 0.00	29.43 1.32 0.00	30.29 1.41 0.00	24.41 1.05 0.00	22.33 0.98 0.00	20.08 0.86 0.00
FORT ORANGE____ 23900	20.21 0.59 0.00	18.99 0.55 0.00	18.38 0.55 0.00	18.01 0.52 0.00	18.54 0.56 0.00	19.02 0.54 0.00	21.12 0.60 0.00	21.93 0.64 0.00	19.42 0.53 0.00	18.27 0.52 0.00	16.97 0.49 0.00	16.38 0.48 0.00	15.27 0.43 0.00	14.80 0.42 0.00	14.12 0.41 0.00	13.81 0.43 0.00	15.43 0.46 0.00	19.06 0.57 0.00	21.47 0.62 0.00	28.98 0.87 0.00	29.77 0.90 0.00	24.04 0.68 0.00	22.01 0.66 0.00	19.81 0.60 0.00
FORT_DRUM_COGEN 23780	19.50 -0.12 0.00	18.29 -0.15 0.00	17.67 -0.16 0.00	17.31 -0.17 0.00	17.78 -0.20 0.00	18.32 -0.17 0.00	20.27 -0.25 0.00	20.95 -0.34 0.00	18.49 -0.40 0.00	17.25 -0.50 0.00	16.00 -0.48 0.00	15.40 -0.51 0.00	14.31 -0.53 0.00	13.87 -0.52 0.00	13.19 -0.52 0.00	12.88 -0.51 0.00	14.48 -0.48 0.00	18.07 -0.43 0.00	20.57 -0.27 0.00	28.08 -0.03 0.00	28.90 0.03 0.00	23.36 0.00 0.00	21.28 -0.06 0.00	19.08 -0.13 0.00
FOX_HILLS___ESR 323835	20.59 0.96 -0.01	19.31 0.87 -0.01	18.68 0.84 -0.01	18.32 0.82 -0.01	18.81 0.83 -0.01	19.29 0.79 -0.01	21.57 1.05 0.00	22.51 1.21 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.85 1.01 0.00	15.36 0.98 0.00	14.70 0.99 0.00	14.40 1.02 0.00	16.04 1.08 0.00	19.80 1.31 0.00	22.20 1.35 0.00	29.82 1.71 0.00	30.78 1.91 0.00	24.67 1.31 0.00	22.70 1.34 -0.01	20.39 1.17 -0.01
FPL FAR_ROCK_GT1 24212	20.78 1.16 0.00	19.41 0.98 0.00	18.72 0.89 0.00	18.33 0.84 0.00	18.82 0.85 0.00	19.34 0.85 0.00	23.95 1.25 -2.17	25.18 1.47 -2.42	19.93 1.04 0.00	18.75 0.99 0.00	17.33 0.86 0.00	16.72 0.81 0.00	15.55 0.71 0.00	15.09 0.70 0.00	14.52 0.81 0.00	14.20 0.82 0.00	15.95 0.99 0.00	19.75 1.26 0.00	22.41 1.56 0.00	29.85 1.74 0.00	30.72 1.85 0.00	25.22 1.57 -0.29	22.92 1.56 -0.01	20.38 1.17 0.00

FPL_FAR_ROCK_GT2 23815	20.78 1.16 0.00	19.41 0.98 0.00	18.72 0.89 0.00	18.33 0.84 0.00	18.82 0.85 0.00	19.34 0.85 0.00	23.95 1.25 -2.17	25.18 1.47 -2.42	19.93 1.04 0.00	18.75 0.99 0.00	17.33 0.86 0.00	16.72 0.81 0.00	15.55 0.71 0.00	15.09 0.70 0.00	14.52 0.81 0.00	14.20 0.82 0.00	15.95 0.99 0.00	19.75 1.26 0.00	22.41 1.56 0.00	29.85 1.74 0.00	30.72 1.85 0.00	25.22 1.57 -0.29	22.92 1.56 -0.01	20.38 1.17 0.00
FRANKLIN_FALL_HYD 24054	19.62 0.00 0.00	18.55 0.11 0.00	17.96 0.12 0.00	17.57 0.09 0.00	18.09 0.11 0.00	18.56 0.07 0.00	20.40 -0.12 0.00	21.10 -0.19 0.00	18.70 -0.19 0.00	17.41 -0.34 0.00	16.03 -0.44 0.00	15.41 -0.49 0.00	14.41 -0.43 0.00	13.95 -0.43 0.00	13.27 -0.44 0.00	12.96 -0.43 0.00	14.47 -0.49 0.00	18.03 -0.46 0.00	20.66 -0.19 0.00	28.11 0.00 0.00	28.93 0.06 0.00	23.57 0.21 0.00	21.43 0.09 0.00	19.27 0.06 0.00
FREEPORT_EQUS_GT1 23764	20.70 1.08 0.00	19.36 0.92 0.00	18.67 0.84 0.00	18.27 0.79 0.00	18.75 0.77 0.00	19.26 0.78 0.00	23.88 1.19 -2.17	25.12 1.41 -2.42	19.87 0.98 0.00	18.69 0.94 0.00	17.27 0.79 0.00	16.67 0.76 0.00	15.51 0.67 0.00	15.06 0.68 0.00	14.48 0.77 0.00	14.16 0.78 0.00	15.92 0.96 0.00	19.71 1.22 0.00	22.35 1.50 0.00	29.76 1.66 0.00	30.64 1.76 0.00	25.13 1.47 -0.29	22.84 1.47 -0.02	20.31 1.09 0.00
FREEPORT___CT2 23818	20.70 1.08 0.00	19.36 0.92 0.00	18.67 0.84 0.00	18.27 0.79 0.00	18.75 0.77 0.00	19.26 0.78 0.00	23.88 1.19 -2.17	25.12 1.41 -2.42	19.87 0.98 0.00	18.69 0.94 0.00	17.27 0.79 0.00	16.67 0.76 0.00	15.51 0.67 0.00	15.06 0.68 0.00	14.48 0.77 0.00	14.16 0.78 0.00	15.92 0.96 0.00	19.71 1.22 0.00	22.35 1.50 0.00	29.76 1.66 0.00	30.64 1.76 0.00	25.13 1.47 -0.29	22.84 1.47 -0.02	20.31 1.09 0.00
FRESHKLS_33_KV_LOAD 356253	20.63 1.00 -0.01	19.35 0.90 -0.01	18.69 0.86 -0.01	18.35 0.86 -0.01	18.83 0.84 -0.01	19.34 0.85 -0.01	21.65 1.13 0.00	22.55 1.26 0.00	19.85 0.96 0.00	18.82 1.07 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.85 1.01 0.00	15.36 0.98 0.00	14.71 1.00 0.00	14.42 1.03 0.00	16.07 1.11 0.00	19.84 1.35 0.00	22.24 1.40 0.00	29.91 1.80 0.00	30.90 2.02 0.00	24.74 1.38 0.00	22.79 1.43 -0.01	20.43 1.21 -0.01
FULTON COGEN____ 23766	19.28 -0.33 0.00	18.09 -0.35 0.00	17.49 -0.34 0.00	17.17 -0.31 0.00	17.65 -0.32 0.00	18.17 -0.31 0.00	20.15 -0.37 0.00	20.85 -0.45 0.00	18.49 -0.40 0.00	17.36 -0.39 0.00	16.12 -0.36 0.00	15.54 -0.37 0.00	14.51 -0.33 0.00	14.04 -0.35 0.00	13.37 -0.34 0.00	13.04 -0.35 0.00	14.60 -0.36 0.00	18.07 -0.43 0.00	20.34 -0.50 0.00	27.46 -0.65 0.00	28.21 -0.66 0.00	22.85 -0.51 0.00	20.86 -0.49 0.00	18.77 -0.44 0.00
FULTON___LFGE 323630	21.28 1.67 0.00	19.86 1.42 0.00	19.24 1.41 0.00	18.82 1.33 0.00	19.42 1.44 0.00	20.04 1.55 0.00	22.29 1.76 0.00	23.02 1.72 0.00	20.30 1.42 0.00	18.92 1.17 0.00	17.48 1.01 0.00	16.84 0.94 0.00	15.69 0.85 0.00	15.16 0.78 0.00	14.43 0.73 0.00	14.14 0.75 0.00	15.92 0.96 0.00	19.84 1.35 0.00	22.66 1.81 0.00	30.72 2.61 0.00	31.71 2.83 0.00	25.65 2.29 0.00	23.35 2.01 0.00	20.86 1.65 0.00
G.F.CEMENT___DRP 24184	20.27 0.65 0.00	18.97 0.53 0.00	18.37 0.53 0.00	17.99 0.51 0.00	18.54 0.56 0.00	19.08 0.59 0.00	21.20 0.68 0.00	22.02 0.72 0.00	19.53 0.64 0.00	18.34 0.59 0.00	16.96 0.48 0.00	16.37 0.46 0.00	15.23 0.39 0.00	14.77 0.39 0.00	14.09 0.38 0.00	13.77 0.39 0.00	15.41 0.45 0.00	19.06 0.57 0.00	21.60 0.75 0.00	29.20 1.10 0.00	30.03 1.15 0.00	24.18 0.82 0.00	22.12 0.77 0.00	19.83 0.61 0.00
GARDENVILLE___LBMP 24039	19.85 0.24 0.00	18.51 0.07 0.00	17.96 0.12 0.00	17.63 0.14 0.00	18.10 0.13 0.00	18.76 0.28 0.00	20.64 0.12 0.00	20.80 -0.49 0.00	18.55 -0.34 0.00	17.31 -0.44 0.00	16.12 -0.36 0.00	15.44 -0.46 0.00	14.47 -0.37 0.00	13.95 -0.43 0.00	13.28 -0.42 0.00	13.00 -0.39 0.00	14.53 -0.43 0.00	17.88 -0.61 0.00	20.51 -0.33 0.00	27.15 -0.96 0.00	27.95 -0.92 0.00	22.89 -0.47 0.00	20.77 -0.58 0.00	18.98 -0.23 0.00
GARDNVLA_35_KV_LD 355827	19.95 0.33 0.00	18.62 0.18 0.00	18.04 0.21 0.00	17.71 0.23 0.00	18.19 0.22 0.00	18.86 0.37 0.00	20.75 0.23 0.00	20.89 -0.40 0.00	18.64 -0.25 0.00	17.40 -0.36 0.00	16.20 -0.28 0.00	15.52 -0.38 0.00	14.54 -0.30 0.00	14.03 -0.36 0.00	13.35 -0.36 0.00	13.07 -0.32 0.00	14.60 -0.36 0.00	17.97 -0.52 0.00	20.62 -0.23 0.00	27.29 -0.82 0.00	28.09 -0.78 0.00	23.01 -0.35 0.00	20.86 -0.49 0.00	19.08 -0.13 0.00
GELCKHM___115KV_LOAD 80723	19.42 -0.20 0.00	18.21 -0.22 0.00	17.60 -0.23 0.00	17.28 -0.21 0.00	17.76 -0.22 0.00	18.30 -0.18 0.00	20.29 -0.23 0.00	21.00 -0.30 0.00	18.62 -0.26 0.00	17.50 -0.25 0.00	16.23 -0.25 0.00	15.65 -0.25 0.00	14.62 -0.22 0.00	14.16 -0.23 0.00	13.49 -0.22 0.00	13.16 -0.23 0.00	14.74 -0.22 0.00	18.21 -0.28 0.00	20.51 -0.33 0.00	27.66 -0.45 0.00	28.41 -0.46 0.00	23.04 -0.33 0.00	21.01 -0.34 0.00	18.90 -0.31 0.00
GENERAL___MILLS 23808	19.91 0.29 0.00	18.58 0.15 0.00	18.01 0.18 0.00	17.70 0.21 0.00	18.18 0.20 0.00	18.82 0.33 0.00	20.73 0.21 0.00	20.85 -0.45 0.00	18.60 -0.28 0.00	17.36 -0.39 0.00	16.16 -0.31 0.00	15.49 -0.41 0.00	14.51 -0.33 0.00	14.00 -0.39 0.00	13.32 -0.38 0.00	13.04 -0.35 0.00	14.57 -0.39 0.00	17.94 -0.55 0.00	20.57 -0.27 0.00	27.24 -0.87 0.00	28.04 -0.84 0.00	22.99 -0.37 0.00	20.84 -0.51 0.00	19.04 -0.17 0.00
GE_PLASTICS___DRP 24183	20.07 0.45 0.00	18.86 0.42 0.00	18.24 0.41 0.00	17.89 0.40 0.00	18.39 0.41 0.00	18.89 0.41 0.00	20.97 0.45 0.00	21.78 0.49 0.00	19.32 0.43 0.00	18.20 0.44 0.00	16.91 0.43 0.00	16.34 0.43 0.00	15.23 0.39 0.00	14.76 0.37 0.00	14.08 0.37 0.00	13.76 0.37 0.00	15.37 0.40 0.00	18.97 0.48 0.00	21.35 0.50 0.00	28.81 0.70 0.00	29.57 0.69 0.00	23.88 0.51 0.00	21.88 0.53 0.00	19.67 0.46 0.00
GILBOA___1 23756	19.95 0.33 0.00	18.75 0.31 0.00	18.13 0.30 0.00	17.78 0.30 0.00	18.28 0.31 0.00	18.78 0.29 0.00	20.89 0.37 0.00	21.72 0.43 0.00	19.26 0.38 0.00	18.14 0.39 0.00	16.86 0.38 0.00	16.35 0.44 0.00	15.24 0.40 0.00	14.77 0.39 0.00	14.09 0.38 0.00	13.73 0.35 0.00	15.34 0.37 0.00	18.93 0.44 0.00	21.30 0.46 0.00	28.70 0.59 0.00	29.48 0.61 0.00	23.80 0.44 0.00	21.80 0.45 0.00	19.60 0.38 0.00
GILBOA___2 23757	19.95 0.33 0.00	18.75 0.31 0.00	18.13 0.30 0.00	17.78 0.30 0.00	18.28 0.31 0.00	18.78 0.29 0.00	20.89 0.37 0.00	21.72 0.43 0.00	19.26 0.38 0.00	18.14 0.39 0.00	16.86 0.38 0.00	16.35 0.44 0.00	15.24 0.40 0.00	14.77 0.39 0.00	14.09 0.38 0.00	13.73 0.35 0.00	15.34 0.37 0.00	18.93 0.44 0.00	21.30 0.46 0.00	28.70 0.59 0.00	29.48 0.61 0.00	23.80 0.44 0.00	21.80 0.45 0.00	19.60 0.38 0.00

GILBOA___3 23758	19.95 0.33 0.00	18.75 0.31 0.00	18.13 0.30 0.00	17.78 0.30 0.00	18.28 0.31 0.00	18.78 0.29 0.00	20.89 0.37 0.00	21.72 0.43 0.00	19.26 0.38 0.00	18.14 0.39 0.00	16.86 0.38 0.00	16.35 0.44 0.00	15.24 0.40 0.00	14.77 0.39 0.00	14.09 0.38 0.00	13.73 0.35 0.00	15.34 0.37 0.00	18.93 0.44 0.00	21.30 0.46 0.00	28.70 0.59 0.00	29.48 0.61 0.00	23.80 0.44 0.00	21.80 0.45 0.00	19.60 0.38 0.00
GILBOA___4 23759	19.95 0.33 0.00	18.75 0.31 0.00	18.13 0.30 0.00	17.78 0.30 0.00	18.28 0.31 0.00	18.78 0.29 0.00	20.89 0.37 0.00	21.72 0.43 0.00	19.26 0.38 0.00	18.14 0.39 0.00	16.86 0.38 0.00	16.35 0.44 0.00	15.24 0.40 0.00	14.77 0.39 0.00	14.09 0.38 0.00	13.73 0.35 0.00	15.34 0.37 0.00	18.93 0.44 0.00	21.30 0.46 0.00	28.70 0.59 0.00	29.48 0.61 0.00	23.80 0.44 0.00	21.80 0.45 0.00	19.60 0.38 0.00
GILBOA___ 23599	19.97 0.35 0.00	18.75 0.31 0.00	18.13 0.30 0.00	17.78 0.30 0.00	18.28 0.31 0.00	18.78 0.30 0.00	20.89 0.37 0.00	21.72 0.43 0.00	19.27 0.38 0.00	18.14 0.39 0.00	16.86 0.38 0.00	16.35 0.45 0.00	15.24 0.40 0.00	14.77 0.39 0.00	14.09 0.38 0.00	13.73 0.35 0.00	15.34 0.37 0.00	18.93 0.44 0.00	21.30 0.46 0.00	28.70 0.59 0.00	29.48 0.61 0.00	23.81 0.44 0.00	21.80 0.45 0.00	19.60 0.38 0.00
GINNA___ 23603	18.60 -1.02 0.00	17.40 -1.03 0.00	16.78 -1.05 0.00	16.49 -1.00 0.00	16.95 -1.02 0.00	17.49 -1.00 0.00	19.35 -1.17 0.00	19.80 -1.49 0.00	17.60 -1.28 0.00	16.47 -1.28 0.00	15.29 -1.19 0.00	14.70 -1.21 0.00	13.77 -1.07 0.00	13.35 -1.04 0.00	12.64 -1.07 0.00	12.33 -1.06 0.00	13.81 -1.15 0.00	17.03 -1.46 0.00	19.37 -1.48 0.00	25.97 -2.14 0.00	26.74 -2.14 0.00	21.75 -1.61 0.00	19.77 -1.58 0.00	17.87 -1.35 0.00
GLEN PARK___ 23778	19.60 -0.02 0.00	18.36 -0.07 0.00	17.72 -0.11 0.00	17.38 -0.10 0.00	17.83 -0.14 0.00	18.39 -0.09 0.00	20.34 -0.19 0.00	21.02 -0.28 0.00	18.53 -0.36 0.00	17.27 -0.48 0.00	16.02 -0.46 0.00	15.41 -0.49 0.00	14.32 -0.52 0.00	13.87 -0.52 0.00	13.19 -0.52 0.00	12.89 -0.50 0.00	14.50 -0.46 0.00	18.10 -0.39 0.00	20.66 -0.19 0.00	28.22 0.11 0.00	29.05 0.17 0.00	23.46 0.09 0.00	21.37 0.02 0.00	19.15 -0.06 0.00
GLENDALE_27_KV_LOAD 356172	20.59 0.96 -0.01	19.35 0.90 -0.01	18.71 0.87 -0.01	18.35 0.86 -0.01	18.83 0.84 -0.01	19.29 0.79 -0.01	21.55 1.03 0.00	22.51 1.21 0.00	19.89 1.00 0.00	18.87 1.12 0.00	17.57 1.09 0.00	16.99 1.08 0.00	15.86 1.02 0.00	15.38 0.99 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.79 1.29 0.00	22.16 1.31 0.00	29.76 1.66 0.00	30.69 1.82 0.00	24.62 1.26 0.00	22.64 1.28 -0.01	20.37 1.15 -0.01
GLENWOOD_IC_1_G5 23712	20.56 0.94 0.00	19.28 0.85 0.00	18.60 0.77 0.00	18.24 0.75 0.00	18.72 0.74 0.00	19.21 0.72 0.00	23.74 1.05 -2.17	24.97 1.26 -2.42	19.85 0.96 0.00	18.73 0.98 0.00	17.37 0.89 0.00	16.76 0.86 0.00	15.69 0.85 0.00	15.23 0.85 0.00	14.53 0.82 0.00	14.22 0.83 0.00	15.92 0.96 0.00	19.67 1.18 0.00	22.18 1.33 0.00	29.71 1.60 0.00	30.58 1.70 0.00	24.96 1.31 -0.29	22.65 1.28 -0.02	20.25 1.04 0.00
GLENWOOD_IC_2_G1 23688	20.44 0.82 0.00	19.15 0.72 0.00	18.53 0.69 0.00	18.15 0.66 0.00	18.64 0.67 0.00	19.13 0.65 0.00	23.62 0.92 -2.17	24.84 1.13 -2.42	19.79 0.91 0.00	18.67 0.92 0.00	17.33 0.86 0.00	16.75 0.84 0.00	15.60 0.76 0.00	15.12 0.73 0.00	14.49 0.78 0.00	14.19 0.80 0.00	15.86 0.90 0.00	19.60 1.11 0.00	22.05 1.21 0.00	29.57 1.46 0.00	30.40 1.53 0.00	24.82 1.17 -0.29	22.51 1.15 -0.01	20.17 0.96 0.00
GLENWOOD_IC_3_G1 23689	20.44 0.82 0.00	19.15 0.72 0.00	18.53 0.69 0.00	18.15 0.66 0.00	18.64 0.67 0.00	19.13 0.65 0.00	23.62 0.92 -2.17	24.84 1.13 -2.42	19.79 0.91 0.00	18.67 0.92 0.00	17.33 0.86 0.00	16.75 0.84 0.00	15.60 0.76 0.00	15.12 0.73 0.00	14.49 0.78 0.00	14.19 0.80 0.00	15.86 0.90 0.00	19.60 1.11 0.00	22.05 1.21 0.00	29.57 1.46 0.00	30.40 1.53 0.00	24.82 1.17 -0.29	22.51 1.15 -0.01	20.17 0.96 0.00
GLENWOOD___4 23550	20.56 0.94 0.00	19.28 0.85 0.00	18.60 0.77 0.00	18.24 0.75 0.00	18.72 0.74 0.00	19.21 0.72 0.00	23.74 1.05 -2.17	24.97 1.26 -2.42	19.85 0.96 0.00	18.73 0.98 0.00	17.37 0.89 0.00	16.76 0.86 0.00	15.69 0.85 0.00	15.23 0.85 0.00	14.53 0.82 0.00	14.22 0.83 0.00	15.92 0.96 0.00	19.67 1.18 0.00	22.18 1.33 0.00	29.71 1.60 0.00	30.58 1.70 0.00	24.96 1.31 -0.29	22.65 1.28 -0.02	20.25 1.04 0.00
GLENWOOD___5 23614	20.56 0.94 0.00	19.28 0.85 0.00	18.60 0.77 0.00	18.24 0.75 0.00	18.72 0.74 0.00	19.21 0.72 0.00	23.74 1.05 -2.17	24.97 1.26 -2.42	19.85 0.96 0.00	18.73 0.98 0.00	17.37 0.89 0.00	16.76 0.86 0.00	15.69 0.85 0.00	15.23 0.85 0.00	14.53 0.82 0.00	14.22 0.83 0.00	15.92 0.96 0.00	19.67 1.18 0.00	22.18 1.33 0.00	29.71 1.60 0.00	30.58 1.70 0.00	24.96 1.31 -0.29	22.65 1.28 -0.02	20.25 1.04 0.00
GLOBAL GREEN_PORT_GT1 23814	21.66 2.04 0.00	20.28 1.84 0.00	19.56 1.73 0.00	19.13 1.64 0.00	19.61 1.64 0.00	20.17 1.68 0.00	24.85 2.15 -2.17	26.06 2.34 -2.42	20.76 1.87 0.00	19.44 1.69 0.00	17.84 1.37 0.00	17.16 1.26 0.00	15.91 1.07 0.00	15.39 1.01 0.00	14.83 1.12 0.00	14.51 1.12 0.00	16.40 1.44 0.00	20.41 1.92 0.00	23.28 2.44 0.00	31.25 3.15 0.00	32.22 3.35 0.00	26.34 2.69 -0.29	23.99 2.63 -0.02	21.23 2.02 0.00
GLOBE___DSASP 323697	19.03 -0.59 0.00	17.75 -0.68 0.00	17.22 -0.61 0.00	16.98 -0.51 0.00	17.44 -0.54 0.00	17.99 -0.50 0.00	19.76 -0.76 0.00	19.82 -1.47 0.00	17.70 -1.19 0.00	16.53 -1.22 0.00	15.37 -1.10 0.00	14.73 -1.18 0.00	13.80 -1.04 0.00	13.32 -1.06 0.00	12.68 -1.03 0.00	12.40 -0.99 0.00	13.84 -1.12 0.00	17.03 -1.46 0.00	19.47 -1.38 0.00	25.72 -2.39 0.00	26.51 -2.37 0.00	21.73 -1.64 0.00	19.70 -1.64 0.00	18.08 -1.13 0.00
GOETHSLN___LBMP 323567	20.29 0.67 0.00	19.08 0.65 0.00	18.45 0.62 0.00	18.10 0.61 0.00	18.57 0.59 0.00	19.00 0.52 0.00	21.26 0.74 0.00	22.25 0.96 0.00	19.72 0.83 0.00	18.69 0.94 0.00	17.40 0.92 0.00	16.81 0.91 0.00	15.69 0.85 0.00	15.21 0.82 0.00	14.52 0.81 0.00	14.23 0.84 0.00	15.86 0.90 0.00	19.58 1.09 0.00	21.93 1.08 0.00	29.40 1.29 0.00	30.26 1.39 0.00	24.34 0.98 0.00	22.33 0.98 0.00	20.11 0.90 0.00
GOLAH___69_KV_TB 1_2 80279	19.56 -0.06 0.00	18.31 -0.13 0.00	17.74 -0.09 0.00	17.45 -0.03 0.00	17.94 -0.04 0.00	18.56 0.07 0.00	20.48 -0.04 0.00	20.80 -0.49 0.00	18.42 -0.47 0.00	17.18 -0.57 0.00	15.97 -0.51 0.00	15.32 -0.59 0.00	14.35 -0.49 0.00	13.88 -0.50 0.00	13.19 -0.52 0.00	12.86 -0.52 0.00	14.41 -0.55 0.00	17.77 -0.72 0.00	20.26 -0.58 0.00	27.09 -1.01 0.00	27.92 -0.95 0.00	22.78 -0.58 0.00	20.71 -0.64 0.00	18.81 -0.40 0.00

GOODYEAR_LAKE_HYD 323669	20.42 0.80 0.00	19.14 0.70 0.00	18.51 0.68 0.00	18.15 0.66 0.00	18.64 0.67 0.00	19.23 0.74 0.00	21.38 0.86 0.00	22.23 0.94 0.00	19.74 0.85 0.00	18.53 0.78 0.00	17.22 0.74 0.00	16.64 0.73 0.00	15.49 0.65 0.00	15.02 0.63 0.00	14.31 0.60 0.00	13.96 0.58 0.00	15.62 0.66 0.00	19.30 0.81 0.00	21.80 0.96 0.00	29.40 1.29 0.00	30.23 1.36 0.00	24.46 1.10 0.00	22.31 0.96 0.00	20.04 0.83 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	19.97 0.35 0.00	18.71 0.28 0.00	18.08 0.25 0.00	17.77 0.28 0.00	18.25 0.27 0.00	18.84 0.35 0.00	20.91 0.39 0.00	21.59 0.30 0.00	19.15 0.26 0.00	17.96 0.21 0.00	16.68 0.20 0.00	16.08 0.17 0.00	15.00 0.16 0.00	14.53 0.14 0.00	13.83 0.12 0.00	13.51 0.12 0.00	15.13 0.16 0.00	18.71 0.22 0.00	21.18 0.33 0.00	28.53 0.42 0.00	29.28 0.40 0.00	23.78 0.42 0.00	21.67 0.32 0.00	19.50 0.29 0.00
GOUDEY___7 23579	19.99 0.37 0.00	18.73 0.29 0.00	18.10 0.27 0.00	17.77 0.28 0.00	18.25 0.27 0.00	18.86 0.37 0.00	20.93 0.41 0.00	21.59 0.30 0.00	19.17 0.28 0.00	17.98 0.23 0.00	16.69 0.21 0.00	16.10 0.19 0.00	15.02 0.18 0.00	14.54 0.16 0.00	13.85 0.14 0.00	13.51 0.12 0.00	15.14 0.18 0.00	18.73 0.24 0.00	21.20 0.35 0.00	28.56 0.45 0.00	29.31 0.43 0.00	23.81 0.44 0.00	21.67 0.32 0.00	19.52 0.31 0.00
GOUDEY___8 23580	19.97 0.35 0.00	18.71 0.28 0.00	18.08 0.25 0.00	17.77 0.28 0.00	18.25 0.27 0.00	18.84 0.35 0.00	20.91 0.39 0.00	21.59 0.30 0.00	19.15 0.26 0.00	17.96 0.21 0.00	16.68 0.20 0.00	16.08 0.17 0.00	15.00 0.16 0.00	14.53 0.14 0.00	13.83 0.12 0.00	13.51 0.12 0.00	15.13 0.16 0.00	18.71 0.22 0.00	21.18 0.33 0.00	28.53 0.42 0.00	29.28 0.40 0.00	23.78 0.42 0.00	21.67 0.32 0.00	19.50 0.29 0.00
GOWANUS_GT1_1 24077	20.57 0.94 -0.01	19.31 0.87 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.85 1.01 0.00	15.36 0.98 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.79 1.29 0.00	22.18 1.33 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.66 1.30 -0.01	20.37 1.15 -0.01
GOWANUS_GT1_2 24078	20.57 0.94 -0.01	19.31 0.87 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.85 1.01 0.00	15.36 0.98 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.79 1.29 0.00	22.18 1.33 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.66 1.30 -0.01	20.37 1.15 -0.01
GOWANUS_GT1_3 24079	20.57 0.94 -0.01	19.31 0.87 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.85 1.01 0.00	15.36 0.98 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.79 1.29 0.00	22.18 1.33 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.66 1.30 -0.01	20.37 1.15 -0.01
GOWANUS_GT1_4 24080	20.57 0.94 -0.01	19.31 0.87 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.85 1.01 0.00	15.36 0.98 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.79 1.29 0.00	22.18 1.33 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.66 1.30 -0.01	20.37 1.15 -0.01
GOWANUS_GT1_5 24084	20.57 0.94 -0.01	19.31 0.87 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.85 1.01 0.00	15.36 0.98 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.79 1.29 0.00	22.18 1.33 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.66 1.30 -0.01	20.37 1.15 -0.01
GOWANUS_GT1_6 24111	20.57 0.94 -0.01	19.31 0.87 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.85 1.01 0.00	15.36 0.98 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.79 1.29 0.00	22.18 1.33 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.66 1.30 -0.01	20.37 1.15 -0.01
GOWANUS_GT1_7 24112	20.57 0.94 -0.01	19.31 0.87 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.85 1.01 0.00	15.36 0.98 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.79 1.29 0.00	22.18 1.33 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.66 1.30 -0.01	20.37 1.15 -0.01
GOWANUS_GT1_8 24113	20.57 0.94 -0.01	19.31 0.87 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.85 1.01 0.00	15.36 0.98 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.79 1.29 0.00	22.18 1.33 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.66 1.30 -0.01	20.37 1.15 -0.01
GOWANUS_GT2_1 24114	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
GOWANUS_GT2_2 24115	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
GOWANUS_GT2_3 24116	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01

GOWANUS_GT2_4 24117	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
GOWANUS_GT2_5 24118	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
GOWANUS_GT2_6 24119	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
GOWANUS_GT2_7 24120	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
GOWANUS_GT2_8 24121	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
GOWANUS_GT3_1 24122	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
GOWANUS_GT3_2 24123	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
GOWANUS_GT3_3 24124	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
GOWANUS_GT3_4 24125	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
GOWANUS_GT3_5 24126	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
GOWANUS_GT3_6 24127	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
GOWANUS_GT3_7 24128	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
GOWANUS_GT3_8 24129	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
GOWANUS_GT4_1 24130	20.57 0.94 -0.01	19.31 0.87 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.85 1.01 0.00	15.36 0.98 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.79 1.29 0.00	22.18 1.33 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.66 1.30 -0.01	20.37 1.15 -0.01
GOWANUS_GT4_2 24131	20.57 0.94 -0.01	19.31 0.87 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.85 1.01 0.00	15.36 0.98 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.79 1.29 0.00	22.18 1.33 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.66 1.30 -0.01	20.37 1.15 -0.01

GOWANUS_GT4_3 24132	20.57 0.94 -0.01	19.31 0.87 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.85 1.01 0.00	15.36 0.98 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.79 1.29 0.00	22.18 1.33 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.66 1.30 -0.01	20.37 1.15 -0.01
GOWANUS_GT4_4 24133	20.57 0.94 -0.01	19.31 0.87 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.85 1.01 0.00	15.36 0.98 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.79 1.29 0.00	22.18 1.33 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.66 1.30 -0.01	20.37 1.15 -0.01
GOWANUS_GT4_5 24134	20.57 0.94 -0.01	19.31 0.87 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.85 1.01 0.00	15.36 0.98 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.79 1.29 0.00	22.18 1.33 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.66 1.30 -0.01	20.37 1.15 -0.01
GOWANUS_GT4_6 24135	20.57 0.94 -0.01	19.31 0.87 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.85 1.01 0.00	15.36 0.98 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.79 1.29 0.00	22.18 1.33 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.66 1.30 -0.01	20.37 1.15 -0.01
GOWANUS_GT4_7 24136	20.57 0.94 -0.01	19.31 0.87 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.85 1.01 0.00	15.36 0.98 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.79 1.29 0.00	22.18 1.33 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.66 1.30 -0.01	20.37 1.15 -0.01
GOWANUS_GT4_8 24137	20.57 0.94 -0.01	19.31 0.87 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.85 1.01 0.00	15.36 0.98 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.79 1.29 0.00	22.18 1.33 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.66 1.30 -0.01	20.37 1.15 -0.01
GREENBSH_115KV_TB3 55895	20.13 0.51 0.00	18.92 0.48 0.00	18.29 0.46 0.00	17.94 0.45 0.00	18.45 0.47 0.00	18.95 0.46 0.00	21.03 0.51 0.00	21.85 0.55 0.00	19.38 0.49 0.00	18.25 0.50 0.00	16.96 0.48 0.00	16.38 0.48 0.00	15.27 0.43 0.00	14.80 0.42 0.00	14.12 0.41 0.00	13.80 0.41 0.00	15.41 0.45 0.00	19.03 0.54 0.00	21.43 0.58 0.00	28.89 0.79 0.00	29.65 0.78 0.00	23.95 0.58 0.00	21.95 0.60 0.00	19.73 0.52 0.00
GREENIDGE_115KV_TB5 80291	20.11 0.49 0.00	18.79 0.35 0.00	18.15 0.32 0.00	17.84 0.35 0.00	18.32 0.34 0.00	18.99 0.50 0.00	21.03 0.51 0.00	21.63 0.34 0.00	19.19 0.30 0.00	17.95 0.20 0.00	16.61 0.13 0.00	16.00 0.10 0.00	14.94 0.10 0.00	14.44 0.06 0.00	13.74 0.03 0.00	13.41 0.03 0.00	15.08 0.12 0.00	18.69 0.20 0.00	21.24 0.40 0.00	28.70 0.59 0.00	29.45 0.58 0.00	23.97 0.61 0.00	21.75 0.41 0.00	19.58 0.37 0.00
GREENIDGE___3 23582	20.11 0.49 0.00	18.79 0.35 0.00	18.15 0.32 0.00	17.84 0.35 0.00	18.32 0.34 0.00	18.99 0.50 0.00	21.03 0.51 0.00	21.63 0.34 0.00	19.19 0.30 0.00	17.95 0.20 0.00	16.61 0.13 0.00	16.00 0.10 0.00	14.94 0.10 0.00	14.44 0.06 0.00	13.74 0.03 0.00	13.41 0.03 0.00	15.08 0.12 0.00	18.69 0.20 0.00	21.24 0.40 0.00	28.70 0.59 0.00	29.45 0.58 0.00	23.97 0.61 0.00	21.75 0.41 0.00	19.58 0.37 0.00
GREENIDGE___4 23583	20.15 0.53 0.00	18.86 0.42 0.00	18.15 0.32 0.00	17.86 0.37 0.00	18.32 0.34 0.00	18.97 0.48 0.00	21.03 0.51 0.00	21.63 0.34 0.00	19.19 0.30 0.00	17.95 0.20 0.00	16.61 0.13 0.00	16.00 0.10 0.00	14.96 0.12 0.00	14.49 0.10 0.00	13.74 0.03 0.00	13.41 0.03 0.00	15.08 0.12 0.00	18.69 0.20 0.00	21.24 0.40 0.00	28.72 0.62 0.00	29.45 0.58 0.00	23.97 0.61 0.00	21.80 0.45 0.00	19.58 0.36 0.00
GREENLWN_69_KV_BK 3 55738	20.58 0.96 0.00	19.28 0.85 0.00	18.54 0.71 0.00	18.17 0.68 0.00	18.63 0.65 0.00	19.13 0.65 0.00	23.76 1.07 -2.17	25.01 1.30 -2.42	19.74 0.85 0.00	18.57 0.82 0.00	17.15 0.68 0.00	16.56 0.65 0.00	15.54 0.70 0.00	15.11 0.72 0.00	14.39 0.69 0.00	14.08 0.70 0.00	15.81 0.85 0.00	19.62 1.13 0.00	22.24 1.40 0.00	29.57 1.46 0.00	30.35 1.47 0.00	24.99 1.33 -0.29	22.69 1.32 -0.02	20.19 0.98 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.57 0.94 -0.01	19.31 0.87 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.85 1.01 0.00	15.36 0.98 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.79 1.29 0.00	22.18 1.33 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.66 1.30 -0.01	20.37 1.15 -0.01
GRISSOM___SOLAR 323813	21.28 1.67 0.00	19.86 1.42 0.00	19.24 1.41 0.00	18.82 1.33 0.00	19.42 1.44 0.00	20.04 1.55 0.00	22.29 1.76 0.00	23.02 1.72 0.00	20.30 1.42 0.00	18.92 1.17 0.00	17.48 1.01 0.00	16.84 0.94 0.00	15.69 0.85 0.00	15.16 0.78 0.00	14.43 0.73 0.00	14.14 0.75 0.00	15.92 0.96 0.00	19.84 1.35 0.00	22.66 1.81 0.00	30.72 2.61 0.00	31.71 2.83 0.00	25.65 2.29 0.00	23.35 2.01 0.00	20.86 1.65 0.00
GROVEVILLE___HYD 323602	20.54 0.92 0.00	19.28 0.85 0.00	18.63 0.80 0.00	18.26 0.77 0.00	18.79 0.81 0.00	19.24 0.76 0.00	21.51 0.98 0.00	22.38 1.09 0.00	19.76 0.87 0.00	18.57 0.82 0.00	17.22 0.74 0.00	16.64 0.73 0.00	15.49 0.65 0.00	15.03 0.65 0.00	14.37 0.66 0.00	14.06 0.67 0.00	15.71 0.75 0.00	19.38 0.89 0.00	21.82 0.98 0.00	29.43 1.32 0.00	30.29 1.41 0.00	24.41 1.05 0.00	22.33 0.98 0.00	20.08 0.86 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.58 -0.04 0.00	18.34 -0.09 0.00	17.74 -0.09 0.00	17.42 -0.07 0.00	17.89 -0.09 0.00	18.45 -0.04 0.00	20.46 -0.06 0.00	21.17 -0.13 0.00	18.77 -0.11 0.00	17.65 -0.11 0.00	16.36 -0.12 0.00	15.78 -0.13 0.00	14.74 -0.10 0.00	14.27 -0.12 0.00	13.58 -0.12 0.00	13.24 -0.15 0.00	14.84 -0.12 0.00	18.34 -0.15 0.00	20.68 -0.17 0.00	27.91 -0.20 0.00	28.67 -0.20 0.00	23.22 -0.14 0.00	21.18 -0.17 0.00	19.08 -0.13 0.00

HAMLTNNY_34_KV_TB 80303	19.60 -0.02 0.00	18.36 -0.07 0.00	17.76 -0.07 0.00	17.43 -0.05 0.00	17.91 -0.07 0.00	18.47 -0.02 0.00	20.48 -0.04 0.00	21.17 -0.13 0.00	18.79 -0.09 0.00	17.65 -0.11 0.00	16.36 -0.12 0.00	15.78 -0.13 0.00	14.74 -0.10 0.00	14.26 -0.13 0.00	13.57 -0.14 0.00	13.24 -0.15 0.00	14.84 -0.12 0.00	18.34 -0.15 0.00	20.70 -0.15 0.00	27.91 -0.20 0.00	28.67 -0.20 0.00	23.25 -0.12 0.00	21.18 -0.17 0.00	19.08 -0.13 0.00
HAMPSHIRE___PAPER_HYD 323593	19.15 -0.47 0.00	18.01 -0.42 0.00	17.42 -0.41 0.00	17.07 -0.42 0.00	17.55 -0.43 0.00	18.06 -0.42 0.00	19.95 -0.57 0.00	20.70 -0.60 0.00	18.32 -0.57 0.00	17.11 -0.64 0.00	15.84 -0.64 0.00	15.25 -0.65 0.00	14.22 -0.62 0.00	13.78 -0.60 0.00	13.11 -0.60 0.00	12.81 -0.58 0.00	14.35 -0.61 0.00	17.84 -0.65 0.00	20.28 -0.56 0.00	27.54 -0.56 0.00	28.36 -0.52 0.00	22.96 -0.40 0.00	20.94 -0.41 0.00	18.79 -0.42 0.00
HARDSCRABBLE_WT_PWR 323673	19.89 0.27 0.00	18.67 0.24 0.00	18.06 0.23 0.00	17.70 0.21 0.00	18.16 0.18 0.00	18.69 0.20 0.00	20.73 0.21 0.00	21.51 0.21 0.00	19.04 0.15 0.00	17.86 0.11 0.00	16.54 0.07 0.00	15.94 0.03 0.00	14.85 0.01 0.00	14.41 0.03 0.00	13.74 0.03 0.00	13.41 0.03 0.00	14.98 0.01 0.00	18.55 0.06 0.00	20.97 0.13 0.00	28.39 0.28 0.00	29.22 0.35 0.00	23.69 0.33 0.00	21.71 0.36 0.00	19.56 0.35 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.30 0.69 0.00	19.06 0.63 0.00	18.42 0.59 0.00	18.05 0.56 0.00	18.55 0.58 0.00	19.04 0.55 0.00	21.28 0.76 0.00	22.19 0.89 0.00	19.64 0.76 0.00	18.50 0.75 0.00	17.19 0.71 0.00	16.62 0.72 0.00	15.48 0.64 0.00	15.03 0.65 0.00	14.35 0.64 0.00	14.06 0.67 0.00	15.68 0.72 0.00	19.36 0.87 0.00	21.76 0.92 0.00	29.29 1.18 0.00	30.12 1.24 0.00	24.30 0.93 0.00	22.22 0.88 0.00	19.96 0.75 0.00
HARSNRAD_115KV_TB1 81005	19.48 -0.14 0.00	18.18 -0.26 0.00	17.65 -0.18 0.00	17.31 -0.17 0.00	17.80 -0.18 0.00	18.41 -0.07 0.00	20.23 -0.29 0.00	20.34 -0.96 0.00	18.13 -0.76 0.00	16.92 -0.83 0.00	15.74 -0.74 0.00	15.08 -0.83 0.00	14.13 -0.71 0.00	13.62 -0.76 0.00	12.97 -0.74 0.00	12.68 -0.71 0.00	14.17 -0.79 0.00	17.44 -1.05 0.00	19.99 -0.85 0.00	26.42 -1.69 0.00	27.26 -1.62 0.00	22.31 -1.05 0.00	20.24 -1.11 0.00	18.54 -0.67 0.00
HARZA MOOSE___RIVER 24016	19.87 0.26 0.00	18.64 0.20 0.00	18.03 0.20 0.00	17.66 0.17 0.00	18.14 0.16 0.00	18.69 0.20 0.00	20.73 0.21 0.00	21.51 0.21 0.00	19.04 0.15 0.00	17.84 0.09 0.00	16.54 0.07 0.00	15.94 0.03 0.00	14.84 0.00 0.00	14.39 0.00 0.00	13.69 -0.01 0.00	13.37 -0.01 0.00	14.99 0.03 0.00	18.60 0.11 0.00	21.07 0.23 0.00	28.58 0.48 0.00	29.39 0.52 0.00	23.76 0.40 0.00	21.67 0.32 0.00	19.46 0.25 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	19.44 -0.18 0.00	18.23 -0.20 0.00	17.63 -0.20 0.00	17.31 -0.17 0.00	17.78 -0.20 0.00	18.32 -0.17 0.00	20.31 -0.21 0.00	21.02 -0.28 0.00	18.64 -0.25 0.00	17.52 -0.23 0.00	16.25 -0.23 0.00	15.67 -0.24 0.00	14.63 -0.21 0.00	14.17 -0.22 0.00	13.50 -0.21 0.00	13.17 -0.21 0.00	14.75 -0.21 0.00	18.23 -0.26 0.00	20.55 -0.29 0.00	27.71 -0.39 0.00	28.47 -0.40 0.00	23.06 -0.30 0.00	21.03 -0.32 0.00	18.94 -0.27 0.00
HELLGATE_13_KV_LD 55870	20.57 0.94 -0.01	19.31 0.87 -0.01	18.68 0.84 -0.01	18.32 0.82 -0.01	18.81 0.83 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.47 1.17 0.00	19.83 0.94 0.00	18.80 1.05 0.00	17.52 1.04 0.00	16.94 1.03 0.00	15.80 0.96 0.00	15.32 0.94 0.00	14.64 0.93 0.00	14.35 0.96 0.00	15.98 1.02 0.00	19.73 1.24 0.00	22.10 1.25 0.00	29.65 1.55 0.00	30.58 1.70 0.00	24.53 1.17 0.00	22.57 1.22 -0.01	20.33 1.11 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.57 0.94 -0.01	19.31 0.87 -0.01	18.68 0.84 -0.01	18.32 0.82 -0.01	18.81 0.83 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.47 1.17 0.00	19.83 0.94 0.00	18.80 1.05 0.00	17.52 1.04 0.00	16.94 1.03 0.00	15.80 0.96 0.00	15.32 0.94 0.00	14.64 0.93 0.00	14.35 0.96 0.00	15.98 1.02 0.00	19.73 1.24 0.00	22.10 1.25 0.00	29.65 1.55 0.00	30.58 1.70 0.00	24.53 1.17 0.00	22.57 1.22 -0.01	20.33 1.11 -0.01
HEMPSTEAD____ 23647	20.56 0.94 0.00	19.25 0.81 0.00	18.58 0.75 0.00	18.19 0.70 0.00	18.66 0.68 0.00	19.17 0.68 0.00	23.76 1.07 -2.17	24.99 1.28 -2.42	19.79 0.91 0.00	18.64 0.89 0.00	17.24 0.76 0.00	16.64 0.73 0.00	15.48 0.64 0.00	15.03 0.65 0.00	14.43 0.73 0.00	14.12 0.74 0.00	15.84 0.88 0.00	19.62 1.13 0.00	22.20 1.35 0.00	29.62 1.52 0.00	30.46 1.59 0.00	24.96 1.31 -0.29	22.67 1.30 -0.02	20.19 0.98 0.00
HEWLETT_69_KV_BK3 55828	20.70 1.08 0.00	19.38 0.94 0.00	18.65 0.82 0.00	18.27 0.79 0.00	18.75 0.77 0.00	19.24 0.76 0.00	23.86 1.17 -2.17	25.10 1.38 -2.42	19.85 0.96 0.00	18.69 0.94 0.00	17.27 0.79 0.00	16.67 0.76 0.00	15.64 0.80 0.00	15.19 0.81 0.00	14.46 0.75 0.00	14.15 0.76 0.00	15.89 0.93 0.00	19.69 1.20 0.00	22.33 1.48 0.00	29.79 1.69 0.00	30.64 1.76 0.00	25.12 1.47 -0.29	22.79 1.43 -0.01	20.31 1.10 0.00
HICKLING___1 23621	20.30 0.69 0.00	18.97 0.53 0.00	18.33 0.50 0.00	18.01 0.52 0.00	18.48 0.50 0.00	19.17 0.68 0.00	21.26 0.74 0.00	21.85 0.55 0.00	19.40 0.51 0.00	18.14 0.39 0.00	16.82 0.35 0.00	16.19 0.29 0.00	15.14 0.30 0.00	14.63 0.24 0.00	13.91 0.21 0.00	13.60 0.21 0.00	15.28 0.31 0.00	18.93 0.44 0.00	21.51 0.67 0.00	29.03 0.93 0.00	29.74 0.87 0.00	24.25 0.89 0.00	22.03 0.68 0.00	19.83 0.61 0.00
HICKLING___2 23622	20.30 0.69 0.00	18.97 0.53 0.00	18.33 0.50 0.00	18.01 0.52 0.00	18.48 0.50 0.00	19.17 0.68 0.00	21.26 0.74 0.00	21.85 0.55 0.00	19.40 0.51 0.00	18.14 0.39 0.00	16.82 0.35 0.00	16.19 0.29 0.00	15.14 0.30 0.00	14.63 0.24 0.00	13.91 0.21 0.00	13.60 0.21 0.00	15.28 0.31 0.00	18.93 0.44 0.00	21.51 0.67 0.00	29.03 0.93 0.00	29.74 0.87 0.00	24.25 0.89 0.00	22.03 0.68 0.00	19.83 0.61 0.00
HIGH FALLS___HY 23754	20.44 0.82 0.00	19.19 0.76 0.00	18.54 0.71 0.00	18.17 0.68 0.00	18.68 0.70 0.00	19.15 0.67 0.00	21.42 0.90 0.00	22.29 1.00 0.00	19.68 0.79 0.00	18.50 0.75 0.00	17.15 0.68 0.00	16.57 0.67 0.00	15.45 0.61 0.00	15.00 0.62 0.00	14.33 0.62 0.00	14.03 0.64 0.00	15.66 0.70 0.00	19.34 0.85 0.00	21.76 0.92 0.00	29.31 1.21 0.00	30.23 1.36 0.00	24.37 1.00 0.00	22.25 0.90 0.00	20.02 0.81 0.00
HILLBURN___GT 23639	20.29 0.67 0.00	19.03 0.59 0.00	18.40 0.57 0.00	18.05 0.56 0.00	18.55 0.58 0.00	19.04 0.55 0.00	21.28 0.76 0.00	22.23 0.94 0.00	19.70 0.81 0.00	18.59 0.83 0.00	17.29 0.81 0.00	16.70 0.79 0.00	15.55 0.71 0.00	15.09 0.70 0.00	14.42 0.71 0.00	14.12 0.74 0.00	15.75 0.79 0.00	19.45 0.96 0.00	21.85 1.00 0.00	29.37 1.27 0.00	30.17 1.30 0.00	24.37 1.00 0.00	22.31 0.96 0.00	20.02 0.81 0.00

HILLSIDE_115KV_TB1 80332	19.99 0.37 0.00	18.69 0.26 0.00	18.06 0.23 0.00	17.75 0.26 0.00	18.23 0.25 0.00	18.89 0.41 0.00	20.95 0.43 0.00	21.55 0.26 0.00	19.13 0.25 0.00	17.91 0.16 0.00	16.63 0.15 0.00	16.02 0.11 0.00	14.94 0.10 0.00	14.46 0.07 0.00	13.75 0.04 0.00	13.44 0.05 0.00	15.08 0.12 0.00	18.66 0.17 0.00	21.20 0.35 0.00	28.56 0.45 0.00	29.25 0.38 0.00	23.85 0.49 0.00	21.69 0.34 0.00	19.52 0.31 0.00
HISHELDN_WT_PWR 323625	19.79 0.18 0.00	18.51 0.07 0.00	17.81 -0.02 0.00	17.54 0.05 0.00	18.00 0.02 0.00	18.60 0.11 0.00	20.48 -0.04 0.00	20.63 -0.66 0.00	18.42 -0.47 0.00	17.18 -0.57 0.00	16.00 -0.48 0.00	15.35 -0.56 0.00	14.39 -0.44 0.00	13.97 -0.42 0.00	13.20 -0.51 0.00	12.92 -0.47 0.00	14.44 -0.52 0.00	17.77 -0.72 0.00	20.37 -0.48 0.00	26.98 -1.13 0.00	27.78 -1.10 0.00	22.73 -0.63 0.00	20.66 -0.68 0.00	18.85 -0.37 0.00
HOLTSVILLE_IC_1 23690	20.91 1.29 0.00	19.58 1.14 0.00	18.86 1.03 0.00	18.47 0.98 0.00	18.95 0.97 0.00	19.47 0.98 0.00	24.07 1.38 -2.17	25.27 1.55 -2.42	20.02 1.13 0.00	18.80 1.05 0.00	17.32 0.84 0.00	16.70 0.79 0.00	15.52 0.68 0.00	15.08 0.69 0.00	14.52 0.81 0.00	14.22 0.83 0.00	16.01 1.05 0.00	19.86 1.37 0.00	22.55 1.71 0.00	30.10 2.00 0.00	30.98 2.11 0.00	25.36 1.70 -0.29	23.10 1.73 -0.02	20.50 1.29 0.00
HOLTSVILLE_IC_10 23699	21.01 1.39 0.00	19.67 1.24 0.00	18.95 1.12 0.00	18.54 1.05 0.00	19.02 1.04 0.00	19.56 1.07 0.00	24.17 1.48 -2.17	25.36 1.64 -2.42	20.10 1.21 0.00	18.87 1.12 0.00	17.38 0.91 0.00	16.75 0.84 0.00	15.58 0.74 0.00	15.12 0.73 0.00	14.57 0.86 0.00	14.26 0.87 0.00	16.07 1.11 0.00	19.95 1.46 0.00	22.66 1.81 0.00	30.27 2.16 0.00	31.15 2.28 0.00	25.50 1.85 -0.29	23.23 1.86 -0.02	20.60 1.38 0.00
HOLTSVILLE_IC_2 23691	20.91 1.29 0.00	19.58 1.14 0.00	18.86 1.03 0.00	18.47 0.98 0.00	18.95 0.97 0.00	19.47 0.98 0.00	24.07 1.38 -2.17	25.27 1.55 -2.42	20.02 1.13 0.00	18.80 1.05 0.00	17.32 0.84 0.00	16.70 0.79 0.00	15.52 0.68 0.00	15.08 0.69 0.00	14.52 0.81 0.00	14.22 0.83 0.00	16.01 1.05 0.00	19.86 1.37 0.00	22.55 1.71 0.00	30.10 2.00 0.00	30.98 2.11 0.00	25.36 1.70 -0.29	23.10 1.73 -0.02	20.50 1.29 0.00
HOLTSVILLE_IC_3 23692	20.91 1.29 0.00	19.58 1.14 0.00	18.86 1.03 0.00	18.47 0.98 0.00	18.95 0.97 0.00	19.47 0.98 0.00	24.07 1.38 -2.17	25.27 1.55 -2.42	20.02 1.13 0.00	18.80 1.05 0.00	17.32 0.84 0.00	16.70 0.79 0.00	15.52 0.68 0.00	15.08 0.69 0.00	14.52 0.81 0.00	14.22 0.83 0.00	16.01 1.05 0.00	19.86 1.37 0.00	22.55 1.71 0.00	30.10 2.00 0.00	30.98 2.11 0.00	25.36 1.70 -0.29	23.10 1.73 -0.02	20.50 1.29 0.00
HOLTSVILLE_IC_4 23693	20.91 1.29 0.00	19.58 1.14 0.00	18.86 1.03 0.00	18.47 0.98 0.00	18.95 0.97 0.00	19.47 0.98 0.00	24.07 1.38 -2.17	25.27 1.55 -2.42	20.02 1.13 0.00	18.80 1.05 0.00	17.32 0.84 0.00	16.70 0.79 0.00	15.52 0.68 0.00	15.08 0.69 0.00	14.52 0.81 0.00	14.22 0.83 0.00	16.01 1.05 0.00	19.86 1.37 0.00	22.55 1.71 0.00	30.10 2.00 0.00	30.98 2.11 0.00	25.36 1.70 -0.29	23.10 1.73 -0.02	20.50 1.29 0.00
HOLTSVILLE_IC_5 23694	20.91 1.29 0.00	19.58 1.14 0.00	18.86 1.03 0.00	18.47 0.98 0.00	18.95 0.97 0.00	19.47 0.98 0.00	24.07 1.38 -2.17	25.27 1.55 -2.42	20.02 1.13 0.00	18.80 1.05 0.00	17.32 0.84 0.00	16.70 0.79 0.00	15.52 0.68 0.00	15.08 0.69 0.00	14.52 0.81 0.00	14.22 0.83 0.00	16.01 1.05 0.00	19.86 1.37 0.00	22.55 1.71 0.00	30.10 2.00 0.00	30.98 2.11 0.00	25.36 1.70 -0.29	23.10 1.73 -0.02	20.50 1.29 0.00
HOLTSVILLE_IC_6 23695	21.01 1.39 0.00	19.67 1.24 0.00	18.95 1.12 0.00	18.54 1.05 0.00	19.02 1.04 0.00	19.56 1.07 0.00	24.17 1.48 -2.17	25.36 1.64 -2.42	20.10 1.21 0.00	18.87 1.12 0.00	17.38 0.91 0.00	16.75 0.84 0.00	15.58 0.74 0.00	15.12 0.73 0.00	14.57 0.86 0.00	14.26 0.87 0.00	16.07 1.11 0.00	19.95 1.46 0.00	22.66 1.81 0.00	30.27 2.16 0.00	31.15 2.28 0.00	25.50 1.85 -0.29	23.23 1.86 -0.02	20.60 1.38 0.00
HOLTSVILLE_IC_7 23696	21.01 1.39 0.00	19.67 1.24 0.00	18.95 1.12 0.00	18.54 1.05 0.00	19.02 1.04 0.00	19.56 1.07 0.00	24.17 1.48 -2.17	25.36 1.64 -2.42	20.10 1.21 0.00	18.87 1.12 0.00	17.38 0.91 0.00	16.75 0.84 0.00	15.58 0.74 0.00	15.12 0.73 0.00	14.57 0.86 0.00	14.26 0.87 0.00	16.07 1.11 0.00	19.95 1.46 0.00	22.66 1.81 0.00	30.27 2.16 0.00	31.15 2.28 0.00	25.50 1.85 -0.29	23.23 1.86 -0.02	20.60 1.38 0.00
HOLTSVILLE_IC_8 23697	21.01 1.39 0.00	19.67 1.24 0.00	18.95 1.12 0.00	18.54 1.05 0.00	19.02 1.04 0.00	19.56 1.07 0.00	24.17 1.48 -2.17	25.36 1.64 -2.42	20.10 1.21 0.00	18.87 1.12 0.00	17.38 0.91 0.00	16.75 0.84 0.00	15.58 0.74 0.00	15.12 0.73 0.00	14.57 0.86 0.00	14.26 0.87 0.00	16.07 1.11 0.00	19.95 1.46 0.00	22.66 1.81 0.00	30.27 2.16 0.00	31.15 2.28 0.00	25.50 1.85 -0.29	23.23 1.86 -0.02	20.60 1.38 0.00
HOLTSVILLE_IC_9 23698	21.01 1.39 0.00	19.67 1.24 0.00	18.95 1.12 0.00	18.54 1.05 0.00	19.02 1.04 0.00	19.56 1.07 0.00	24.17 1.48 -2.17	25.36 1.64 -2.42	20.10 1.21 0.00	18.87 1.12 0.00	17.38 0.91 0.00	16.75 0.84 0.00	15.58 0.74 0.00	15.12 0.73 0.00	14.57 0.86 0.00	14.26 0.87 0.00	16.07 1.11 0.00	19.95 1.46 0.00	22.66 1.81 0.00	30.27 2.16 0.00	31.15 2.28 0.00	25.50 1.85 -0.29	23.23 1.86 -0.02	20.60 1.38 0.00
HOMER_HL_115KV_TB2 355744	20.42 0.80 0.00	19.04 0.61 0.00	18.42 0.59 0.00	18.10 0.61 0.00	18.59 0.61 0.00	19.35 0.87 0.00	21.38 0.86 0.00	21.72 0.43 0.00	19.36 0.47 0.00	18.05 0.30 0.00	16.81 0.33 0.00	16.13 0.22 0.00	15.08 0.24 0.00	14.54 0.16 0.00	13.83 0.12 0.00	13.55 0.16 0.00	15.19 0.22 0.00	18.71 0.22 0.00	21.45 0.60 0.00	28.61 0.51 0.00	29.31 0.43 0.00	24.09 0.72 0.00	21.82 0.47 0.00	19.77 0.56 0.00
HOWARD_WT_PWR 323690	20.60 0.98 0.00	19.23 0.79 0.00	18.47 0.64 0.00	18.17 0.68 0.00	18.59 0.61 0.00	19.28 0.79 0.00	21.40 0.88 0.00	22.00 0.70 0.00	19.51 0.62 0.00	18.23 0.48 0.00	16.89 0.41 0.00	16.32 0.41 0.00	15.25 0.41 0.00	14.79 0.40 0.00	14.02 0.32 0.00	13.69 0.31 0.00	15.43 0.46 0.00	19.18 0.68 0.00	21.87 1.02 0.00	29.62 1.52 0.00	30.37 1.50 0.00	24.76 1.40 0.00	22.48 1.13 0.00	20.17 0.96 0.00
HQ_GEN_CEDARS 23644	19.46 -0.16 0.00	18.33 -0.11 0.00	17.74 -0.09 0.00	17.38 -0.10 0.00	17.89 -0.09 0.00	18.38 -0.11 0.00	20.36 -0.16 0.00	21.12 -0.17 0.00	18.72 -0.17 0.00	17.52 -0.23 0.00	16.21 -0.26 0.00	15.64 -0.27 0.00	14.62 -0.22 0.00	14.16 -0.23 0.00	13.48 -0.23 0.00	13.16 -0.23 0.00	14.71 -0.25 0.00	18.23 -0.26 0.00	20.66 -0.19 0.00	27.94 -0.17 0.00	28.70 -0.17 0.00	23.27 -0.09 0.00	21.26 -0.09 0.00	19.12 -0.10 0.00

HQ_GEN_CEDARS_PROXY 323590	19.46 -0.16 0.00	18.33 -0.11 0.00	17.74 -0.09 0.00	17.38 -0.10 0.00	17.89 -0.09 0.00	18.38 -0.11 0.00	20.36 -0.16 0.00	21.12 -0.17 0.00	18.72 -0.17 0.00	17.52 -0.23 0.00	16.21 -0.26 0.00	15.64 -0.27 0.00	14.62 -0.22 0.00	14.16 -0.23 0.00	13.48 -0.23 0.00	13.16 -0.23 0.00	14.71 -0.25 0.00	18.23 -0.26 0.00	20.66 -0.19 0.00	29.26 -0.17 -1.32	27.38 -0.17 1.32	23.27 -0.09 0.00	21.24 -0.11 0.00	19.12 -0.10 0.00
HQ_GEN_IMPORT 323601	19.52 -0.10 0.00	18.38 -0.06 0.00	17.78 -0.05 0.00	17.43 -0.05 0.00	17.92 -0.05 0.00	18.43 -0.06 0.00	20.44 -0.08 0.00	21.19 -0.11 0.00	18.79 -0.09 0.00	17.65 -0.11 0.00	16.36 -0.11 0.00	15.78 -0.13 0.00	14.72 -0.12 0.00	14.27 -0.12 0.00	13.60 -0.11 0.00	13.28 -0.11 0.00	14.84 -0.12 0.00	18.36 -0.13 0.00	20.74 -0.10 0.00	29.32 -0.11 -1.32	27.44 -0.12 1.32	23.29 -0.07 0.00	21.28 -0.06 0.00	19.15 -0.06 0.00
HQ_GEN_WHEEL 23651	19.52 -0.10 0.00	18.38 -0.06 0.00	17.78 -0.05 0.00	17.43 -0.05 0.00	17.92 -0.05 0.00	18.43 -0.06 0.00	20.44 -0.08 0.00	21.19 -0.11 0.00	18.79 -0.09 0.00	17.65 -0.11 0.00	16.36 -0.11 0.00	15.78 -0.13 0.00	14.72 -0.12 0.00	14.27 -0.12 0.00	13.60 -0.11 0.00	13.28 -0.11 0.00	14.84 -0.12 0.00	18.36 -0.13 0.00	20.74 -0.10 0.00	29.32 -0.11 -1.32	27.44 -0.12 1.32	23.29 -0.07 0.00	21.28 -0.06 0.00	19.15 -0.06 0.00
HUDSON_AVE_GT_3 23810	20.42 0.80 0.00	19.17 0.74 0.00	18.54 0.71 0.00	18.19 0.70 0.00	18.68 0.70 0.00	19.11 0.63 0.00	21.38 0.86 0.00	22.38 1.09 0.00	19.81 0.93 0.00	18.78 1.03 0.00	17.48 1.01 0.00	16.89 0.99 0.00	15.76 0.92 0.00	15.28 0.89 0.00	14.60 0.89 0.00	14.30 0.91 0.00	15.93 0.97 0.00	19.67 1.18 0.00	22.03 1.19 0.00	29.57 1.46 0.00	30.43 1.56 0.00	24.46 1.10 0.00	22.44 1.09 0.00	20.21 1.00 0.00
HUDSON_AVE_GT_4 23540	20.42 0.80 0.00	19.17 0.74 0.00	18.54 0.71 0.00	18.19 0.70 0.00	18.68 0.70 0.00	19.11 0.63 0.00	21.38 0.86 0.00	22.38 1.09 0.00	19.81 0.93 0.00	18.78 1.03 0.00	17.48 1.01 0.00	16.89 0.99 0.00	15.76 0.92 0.00	15.28 0.89 0.00	14.60 0.89 0.00	14.30 0.91 0.00	15.93 0.97 0.00	19.67 1.18 0.00	22.03 1.19 0.00	29.57 1.46 0.00	30.43 1.56 0.00	24.46 1.10 0.00	22.44 1.09 0.00	20.21 1.00 0.00
HUDSON_AVE_GT_5 23657	20.42 0.80 0.00	19.17 0.74 0.00	18.54 0.71 0.00	18.19 0.70 0.00	18.68 0.70 0.00	19.11 0.63 0.00	21.38 0.86 0.00	22.38 1.09 0.00	19.81 0.93 0.00	18.78 1.03 0.00	17.48 1.01 0.00	16.89 0.99 0.00	15.76 0.92 0.00	15.28 0.89 0.00	14.60 0.89 0.00	14.30 0.91 0.00	15.93 0.97 0.00	19.67 1.18 0.00	22.03 1.19 0.00	29.57 1.46 0.00	30.43 1.56 0.00	24.46 1.10 0.00	22.44 1.09 0.00	20.21 1.00 0.00
HUDSON_AVE_10 24168	20.38 0.77 0.00	19.14 0.70 0.00	18.51 0.68 0.00	18.15 0.66 0.00	18.64 0.67 0.00	19.08 0.59 0.00	21.34 0.82 0.00	22.34 1.04 0.00	19.76 0.87 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.74 0.91 0.00	15.25 0.86 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.66 1.16 0.00	21.97 1.13 0.00	29.51 1.41 0.00	30.38 1.50 0.00	24.41 1.05 0.00	22.42 1.07 0.00	20.19 0.98 0.00
HUDSON___115KV_TB 4 355613	20.50 0.88 0.00	19.23 0.79 0.00	18.60 0.77 0.00	18.22 0.73 0.00	18.77 0.79 0.00	19.24 0.76 0.00	21.36 0.84 0.00	22.10 0.81 0.00	19.53 0.64 0.00	18.30 0.55 0.00	16.97 0.49 0.00	16.38 0.48 0.00	15.26 0.42 0.00	14.80 0.42 0.00	14.12 0.41 0.00	13.80 0.41 0.00	15.44 0.48 0.00	19.08 0.59 0.00	21.57 0.73 0.00	29.17 1.07 0.00	30.00 1.13 0.00	24.20 0.84 0.00	22.20 0.85 0.00	19.96 0.75 0.00
HUNTER MOUNT___DRP 323613	20.64 1.02 0.00	19.36 0.92 0.00	18.72 0.89 0.00	18.34 0.86 0.00	18.91 0.93 0.00	19.37 0.89 0.00	21.46 0.94 0.00	22.15 0.85 0.00	19.53 0.64 0.00	18.23 0.48 0.00	16.89 0.41 0.00	16.30 0.40 0.00	15.17 0.33 0.00	14.72 0.33 0.00	14.05 0.34 0.00	13.72 0.33 0.00	15.37 0.40 0.00	18.99 0.50 0.00	21.49 0.65 0.00	29.15 1.04 0.00	30.00 1.13 0.00	24.23 0.86 0.00	22.20 0.85 0.00	19.98 0.77 0.00
HUNTINGTON_RES_REC 323705	20.74 1.12 0.00	19.39 0.96 0.00	18.70 0.87 0.00	18.29 0.80 0.00	18.77 0.79 0.00	19.30 0.81 0.00	23.91 1.21 -2.17	25.14 1.43 -2.42	19.87 0.98 0.00	18.67 0.92 0.00	17.22 0.74 0.00	16.62 0.72 0.00	15.46 0.62 0.00	15.02 0.63 0.00	14.46 0.75 0.00	14.15 0.76 0.00	15.92 0.96 0.00	19.75 1.26 0.00	22.43 1.58 0.00	29.82 1.71 0.00	30.64 1.76 0.00	25.22 1.57 -0.29	22.93 1.56 -0.02	20.34 1.13 0.00
HUNTLEY___63 23557	19.62 0.00 0.00	18.31 -0.13 0.00	17.76 -0.07 0.00	17.45 -0.03 0.00	17.94 -0.04 0.00	18.54 0.06 0.00	20.38 -0.14 0.00	20.48 -0.81 0.00	18.26 -0.62 0.00	17.04 -0.71 0.00	15.85 -0.63 0.00	15.19 -0.72 0.00	14.23 -0.61 0.00	13.72 -0.66 0.00	13.08 -0.63 0.00	12.78 -0.60 0.00	14.29 -0.67 0.00	17.57 -0.92 0.00	20.16 -0.69 0.00	26.64 -1.46 0.00	27.49 -1.39 0.00	22.50 -0.86 0.00	20.41 -0.94 0.00	18.69 -0.52 0.00
HUNTLEY___64 23558	19.62 0.00 0.00	18.31 -0.13 0.00	17.76 -0.07 0.00	17.45 -0.03 0.00	17.94 -0.04 0.00	18.54 0.06 0.00	20.38 -0.14 0.00	20.48 -0.81 0.00	18.26 -0.62 0.00	17.04 -0.71 0.00	15.85 -0.63 0.00	15.19 -0.72 0.00	14.23 -0.61 0.00	13.72 -0.66 0.00	13.08 -0.63 0.00	12.78 -0.60 0.00	14.29 -0.67 0.00	17.57 -0.92 0.00	20.16 -0.69 0.00	26.64 -1.46 0.00	27.49 -1.39 0.00	22.50 -0.86 0.00	20.41 -0.94 0.00	18.69 -0.52 0.00
HUNTLEY___65 23559	19.62 0.00 0.00	18.31 -0.13 0.00	17.76 -0.07 0.00	17.45 -0.03 0.00	17.94 -0.04 0.00	18.54 0.06 0.00	20.38 -0.14 0.00	20.48 -0.81 0.00	18.26 -0.62 0.00	17.04 -0.71 0.00	15.85 -0.63 0.00	15.19 -0.72 0.00	14.23 -0.61 0.00	13.72 -0.66 0.00	13.08 -0.63 0.00	12.78 -0.60 0.00	14.29 -0.67 0.00	17.57 -0.92 0.00	20.16 -0.69 0.00	26.64 -1.46 0.00	27.49 -1.39 0.00	22.50 -0.86 0.00	20.41 -0.94 0.00	18.69 -0.52 0.00
HUNTLEY___66 23560	19.62 0.00 0.00	18.31 -0.13 0.00	17.76 -0.07 0.00	17.45 -0.03 0.00	17.94 -0.04 0.00	18.54 0.06 0.00	20.38 -0.14 0.00	20.48 -0.81 0.00	18.26 -0.62 0.00	17.04 -0.71 0.00	15.85 -0.63 0.00	15.19 -0.72 0.00	14.23 -0.61 0.00	13.72 -0.66 0.00	13.08 -0.63 0.00	12.78 -0.60 0.00	14.29 -0.67 0.00	17.57 -0.92 0.00	20.16 -0.69 0.00	26.64 -1.46 0.00	27.49 -1.39 0.00	22.50 -0.86 0.00	20.41 -0.94 0.00	18.69 -0.52 0.00
HUNTLEY___67 23561	19.60 -0.02 0.00	18.29 -0.15 0.00	17.72 -0.11 0.00	17.42 -0.07 0.00	17.89 -0.09 0.00	18.52 0.04 0.00	20.38 -0.14 0.00	20.51 -0.79 0.00	18.28 -0.60 0.00	17.06 -0.69 0.00	15.88 -0.59 0.00	15.22 -0.68 0.00	14.26 -0.58 0.00	13.77 -0.62 0.00	13.11 -0.60 0.00	12.81 -0.58 0.00	14.32 -0.64 0.00	17.62 -0.87 0.00	20.18 -0.67 0.00	26.70 -1.41 0.00	27.49 -1.39 0.00	22.52 -0.84 0.00	20.43 -0.92 0.00	18.69 -0.52 0.00

HUNTLEY___68 23562	19.60 -0.02 0.00	18.29 -0.15 0.00	17.72 -0.11 0.00	17.42 -0.07 0.00	17.89 -0.09 0.00	18.52 0.04 0.00	20.38 -0.14 0.00	20.51 -0.79 0.00	18.28 -0.60 0.00	17.06 -0.69 0.00	15.88 -0.59 0.00	15.22 -0.68 0.00	14.26 -0.58 0.00	13.77 -0.62 0.00	13.11 -0.60 0.00	12.81 -0.58 0.00	14.32 -0.64 0.00	17.62 -0.87 0.00	20.18 -0.67 0.00	26.70 -1.41 0.00	27.49 -1.39 0.00	22.52 -0.84 0.00	20.43 -0.92 0.00	18.69 -0.52 0.00
HYLAND___LFGE 323620	20.80 1.18 0.00	19.34 0.90 0.00	18.60 0.77 0.00	18.31 0.82 0.00	18.79 0.81 0.00	19.45 0.96 0.00	21.53 1.01 0.00	21.85 0.55 0.00	19.06 0.17 0.00	17.65 -0.11 0.00	16.28 -0.20 0.00	15.64 -0.27 0.00	14.63 -0.21 0.00	14.16 -0.23 0.00	13.48 -0.23 0.00	13.16 -0.23 0.00	14.90 -0.06 0.00	18.53 0.04 0.00	21.41 0.56 0.00	29.29 1.18 0.00	30.26 1.39 0.00	24.62 1.26 0.00	22.31 0.96 0.00	20.06 0.84 0.00
INDECK___CORINTH 23802	20.13 0.51 0.00	18.84 0.41 0.00	18.26 0.43 0.00	17.87 0.38 0.00	18.43 0.45 0.00	18.97 0.48 0.00	21.07 0.55 0.00	21.89 0.60 0.00	19.42 0.53 0.00	18.23 0.48 0.00	16.87 0.39 0.00	16.29 0.38 0.00	15.20 0.36 0.00	14.70 0.32 0.00	14.01 0.30 0.00	13.71 0.32 0.00	15.32 0.36 0.00	18.95 0.46 0.00	21.47 0.62 0.00	29.01 0.90 0.00	29.86 0.98 0.00	24.04 0.68 0.00	21.97 0.62 0.00	19.71 0.50 0.00
INDECK___ILION 23567	19.85 0.24 0.00	18.64 0.20 0.00	18.03 0.20 0.00	17.66 0.17 0.00	18.16 0.18 0.00	18.67 0.18 0.00	20.73 0.21 0.00	21.53 0.23 0.00	19.08 0.19 0.00	17.93 0.18 0.00	16.64 0.16 0.00	16.05 0.14 0.00	14.96 0.12 0.00	14.52 0.13 0.00	13.83 0.12 0.00	13.51 0.12 0.00	15.10 0.13 0.00	18.66 0.17 0.00	21.05 0.21 0.00	28.44 0.34 0.00	29.22 0.35 0.00	23.64 0.28 0.00	21.63 0.28 0.00	19.46 0.25 0.00
INDECK___OLEAN 23982	20.54 0.92 0.00	19.21 0.77 0.00	18.42 0.59 0.00	18.15 0.66 0.00	18.62 0.65 0.00	19.34 0.85 0.00	21.38 0.86 0.00	21.72 0.43 0.00	19.36 0.47 0.00	18.05 0.30 0.00	16.81 0.33 0.00	16.13 0.22 0.00	15.09 0.25 0.00	14.65 0.26 0.00	13.83 0.12 0.00	13.53 0.15 0.00	15.19 0.22 0.00	18.71 0.22 0.00	21.45 0.60 0.00	28.64 0.53 0.00	29.31 0.43 0.00	24.09 0.73 0.00	21.88 0.53 0.00	19.77 0.56 0.00
INDECK___OSWEGO 23783	19.21 -0.41 0.00	18.03 -0.41 0.00	17.42 -0.41 0.00	17.10 -0.38 0.00	17.57 -0.41 0.00	18.08 -0.41 0.00	20.05 -0.47 0.00	20.74 -0.55 0.00	18.40 -0.49 0.00	17.29 -0.46 0.00	16.05 -0.43 0.00	15.48 -0.43 0.00	14.45 -0.39 0.00	14.00 -0.39 0.00	13.31 -0.40 0.00	12.99 -0.40 0.00	14.54 -0.42 0.00	17.97 -0.52 0.00	20.24 -0.61 0.00	27.32 -0.79 0.00	28.07 -0.81 0.00	22.73 -0.63 0.00	20.75 -0.60 0.00	18.69 -0.52 0.00
INDECK___YERKES 23781	19.74 0.12 0.00	18.45 0.02 0.00	17.78 -0.05 0.00	17.50 0.02 0.00	17.96 -0.02 0.00	18.54 0.06 0.00	20.40 -0.12 0.00	20.51 -0.79 0.00	18.28 -0.61 0.00	17.06 -0.69 0.00	15.87 -0.61 0.00	15.21 -0.70 0.00	14.28 -0.56 0.00	13.85 -0.53 0.00	13.09 -0.62 0.00	12.80 -0.59 0.00	14.30 -0.66 0.00	17.59 -0.91 0.00	20.18 -0.67 0.00	26.70 -1.40 0.00	27.49 -1.39 0.00	22.52 -0.84 0.00	20.47 -0.88 0.00	18.71 -0.50 0.00
INDIAN POINT_GT_1 24139	20.29 0.67 0.00	19.04 0.61 0.00	18.42 0.59 0.00	18.06 0.58 0.00	18.55 0.58 0.00	19.02 0.54 0.00	21.26 0.74 0.00	22.23 0.94 0.00	19.68 0.79 0.00	18.60 0.85 0.00	17.29 0.81 0.00	16.70 0.80 0.00	15.58 0.74 0.00	15.11 0.72 0.00	14.42 0.71 0.00	14.12 0.74 0.00	15.75 0.79 0.00	19.45 0.96 0.00	21.82 0.98 0.00	29.34 1.24 0.00	30.17 1.30 0.00	24.34 0.98 0.00	22.27 0.92 0.00	20.02 0.81 0.00
INDIAN POINT_GT_2 23659	20.29 0.67 0.00	19.04 0.61 0.00	18.42 0.59 0.00	18.06 0.58 0.00	18.55 0.58 0.00	19.02 0.54 0.00	21.26 0.74 0.00	22.23 0.94 0.00	19.68 0.79 0.00	18.60 0.85 0.00	17.29 0.81 0.00	16.70 0.80 0.00	15.58 0.74 0.00	15.11 0.72 0.00	14.42 0.71 0.00	14.12 0.74 0.00	15.75 0.79 0.00	19.45 0.96 0.00	21.82 0.98 0.00	29.34 1.24 0.00	30.17 1.30 0.00	24.34 0.98 0.00	22.27 0.92 0.00	20.02 0.81 0.00
INDIAN POINT_GT_3 24019	20.29 0.67 0.00	19.04 0.61 0.00	18.42 0.59 0.00	18.06 0.58 0.00	18.55 0.58 0.00	19.02 0.54 0.00	21.26 0.74 0.00	22.23 0.94 0.00	19.68 0.79 0.00	18.60 0.85 0.00	17.29 0.81 0.00	16.70 0.80 0.00	15.58 0.74 0.00	15.11 0.72 0.00	14.42 0.71 0.00	14.12 0.74 0.00	15.75 0.79 0.00	19.45 0.96 0.00	21.82 0.98 0.00	29.34 1.24 0.00	30.17 1.30 0.00	24.34 0.98 0.00	22.27 0.92 0.00	20.02 0.81 0.00
INDIAN POINT___2 23530	20.26 0.65 0.00	19.01 0.57 0.00	18.40 0.57 0.00	18.03 0.54 0.00	18.54 0.56 0.00	19.02 0.54 0.00	21.26 0.74 0.00	22.21 0.92 0.00	19.68 0.79 0.00	18.59 0.83 0.00	17.29 0.81 0.00	16.70 0.79 0.00	15.55 0.71 0.00	15.08 0.69 0.00	14.42 0.71 0.00	14.12 0.74 0.00	15.75 0.79 0.00	19.45 0.96 0.00	21.83 0.98 0.00	29.34 1.24 0.00	30.14 1.27 0.00	24.32 0.96 0.00	22.29 0.94 0.00	20.02 0.81 0.00
INDIAN POINT___3 23531	20.27 0.65 0.00	19.03 0.59 0.00	18.40 0.57 0.00	18.05 0.56 0.00	18.54 0.56 0.00	19.02 0.54 0.00	21.24 0.72 0.00	22.21 0.92 0.00	19.68 0.79 0.00	18.59 0.83 0.00	17.29 0.81 0.00	16.70 0.80 0.00	15.57 0.73 0.00	15.11 0.72 0.00	14.42 0.71 0.00	14.12 0.74 0.00	15.75 0.79 0.00	19.43 0.94 0.00	21.82 0.98 0.00	29.34 1.24 0.00	30.14 1.27 0.00	24.32 0.96 0.00	22.27 0.92 0.00	20.00 0.79 0.00
INGHAM_C_115KV_TB7 356103	19.91 0.29 0.00	18.71 0.28 0.00	18.08 0.25 0.00	17.73 0.24 0.00	18.19 0.22 0.00	18.73 0.24 0.00	20.77 0.25 0.00	21.55 0.26 0.00	19.08 0.19 0.00	17.89 0.14 0.00	16.59 0.12 0.00	15.99 0.08 0.00	14.90 0.06 0.00	14.46 0.07 0.00	13.78 0.07 0.00	13.45 0.07 0.00	15.04 0.07 0.00	18.60 0.11 0.00	21.03 0.19 0.00	28.47 0.37 0.00	29.31 0.43 0.00	23.74 0.37 0.00	21.73 0.38 0.00	19.58 0.37 0.00
IP CORINTH___1 23988	20.15 0.53 0.00	18.86 0.42 0.00	18.26 0.43 0.00	17.89 0.40 0.00	18.43 0.45 0.00	18.97 0.48 0.00	21.07 0.55 0.00	21.89 0.60 0.00	19.42 0.53 0.00	18.23 0.48 0.00	16.87 0.40 0.00	16.29 0.38 0.00	15.15 0.31 0.00	14.69 0.30 0.00	14.01 0.30 0.00	13.71 0.32 0.00	15.32 0.36 0.00	18.95 0.46 0.00	21.47 0.63 0.00	29.01 0.90 0.00	29.83 0.95 0.00	24.04 0.68 0.00	21.99 0.64 0.00	19.71 0.50 0.00
IP___TICONDEROGA 23804	20.81 1.20 0.00	19.43 1.00 0.00	18.83 1.00 0.00	18.41 0.93 0.00	19.02 1.04 0.00	19.61 1.13 0.00	21.77 1.25 0.00	22.59 1.30 0.00	20.04 1.15 0.00	18.73 0.98 0.00	17.29 0.81 0.00	16.67 0.76 0.00	15.49 0.65 0.00	15.02 0.63 0.00	14.33 0.62 0.00	14.02 0.63 0.00	15.68 0.72 0.00	19.42 0.92 0.00	22.07 1.23 0.00	29.91 1.80 0.00	30.84 1.96 0.00	24.83 1.47 0.00	22.67 1.32 0.00	20.27 1.06 0.00

ISLIP_RES_REC 323679	21.07 1.45 0.00	19.73 1.29 0.00	19.01 1.18 0.00	18.61 1.12 0.00	19.08 1.10 0.00	19.61 1.13 0.00	24.23 1.54 -2.17	25.42 1.70 -2.42	20.15 1.27 0.00	18.90 1.15 0.00	17.42 0.94 0.00	16.78 0.87 0.00	15.61 0.77 0.00	15.16 0.78 0.00	14.60 0.89 0.00	14.30 0.91 0.00	16.11 1.15 0.00	20.01 1.52 0.00	22.74 1.90 0.00	30.38 2.28 0.00	31.30 2.43 0.00	25.59 1.94 -0.29	23.31 1.94 -0.02	20.65 1.44 0.00
JAMAICA__27_KV_LOAD 355505	20.50 0.88 0.00	19.23 0.79 0.00	18.61 0.78 0.00	18.24 0.75 0.00	18.75 0.77 0.00	19.15 0.67 0.00	21.44 0.92 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.89 1.14 0.00	17.57 1.09 0.00	16.97 1.07 0.00	15.83 0.99 0.00	15.34 0.95 0.00	14.67 0.96 0.00	14.38 0.99 0.00	16.02 1.06 0.00	19.79 1.29 0.00	22.07 1.23 0.00	29.65 1.55 0.00	30.58 1.70 0.00	24.55 1.19 0.00	22.57 1.22 0.00	20.33 1.11 0.00
JANIS__SOLAR 323808	20.80 1.18 0.00	19.49 1.05 0.00	18.77 0.94 0.00	18.43 0.94 0.00	18.89 0.92 0.00	19.52 1.03 0.00	21.67 1.15 0.00	22.40 1.11 0.00	19.79 0.91 0.00	18.41 0.66 0.00	17.02 0.54 0.00	16.37 0.46 0.00	15.22 0.39 0.00	14.75 0.36 0.00	14.01 0.30 0.00	13.68 0.29 0.00	15.41 0.45 0.00	19.21 0.72 0.00	21.89 1.04 0.00	29.76 1.66 0.00	30.61 1.73 0.00	24.79 1.43 0.00	22.56 1.22 0.00	20.27 1.06 0.00
JARVIS____ 23743	19.70 0.08 0.00	18.51 0.07 0.00	17.90 0.07 0.00	17.56 0.07 0.00	18.05 0.07 0.00	18.56 0.07 0.00	20.60 0.08 0.00	21.40 0.11 0.00	18.98 0.09 0.00	17.86 0.11 0.00	16.58 0.10 0.00	16.02 0.11 0.00	14.93 0.09 0.00	14.47 0.09 0.00	13.80 0.10 0.00	13.48 0.09 0.00	15.05 0.09 0.00	18.60 0.11 0.00	20.97 0.13 0.00	28.25 0.14 0.00	29.02 0.15 0.00	23.48 0.12 0.00	21.46 0.11 0.00	19.31 0.10 0.00
JENNISON__1 23625	20.97 1.35 0.00	19.63 1.20 0.00	18.95 1.12 0.00	18.59 1.10 0.00	19.06 1.08 0.00	19.71 1.22 0.00	21.90 1.37 0.00	22.68 1.38 0.00	20.12 1.23 0.00	18.80 1.05 0.00	17.43 0.96 0.00	16.80 0.89 0.00	15.61 0.77 0.00	15.13 0.75 0.00	14.39 0.69 0.00	14.04 0.66 0.00	15.77 0.81 0.00	19.53 1.04 0.00	22.18 1.33 0.00	30.05 1.94 0.00	30.90 2.02 0.00	25.02 1.66 0.00	22.78 1.43 0.00	20.46 1.25 0.00
JENNISON__2 23626	20.97 1.35 0.00	19.63 1.20 0.00	18.95 1.12 0.00	18.59 1.10 0.00	19.06 1.08 0.00	19.71 1.22 0.00	21.90 1.37 0.00	22.68 1.38 0.00	20.12 1.23 0.00	18.80 1.05 0.00	17.43 0.96 0.00	16.80 0.89 0.00	15.61 0.77 0.00	15.13 0.75 0.00	14.39 0.69 0.00	14.04 0.66 0.00	15.77 0.81 0.00	19.53 1.04 0.00	22.18 1.33 0.00	30.05 1.94 0.00	30.90 2.02 0.00	25.02 1.66 0.00	22.78 1.43 0.00	20.46 1.25 0.00
JERICHO_RISE_WT_PWR 323719	19.62 0.00 0.00	18.55 0.11 0.00	17.97 0.14 0.00	17.59 0.11 0.00	18.09 0.11 0.00	18.54 0.06 0.00	20.32 -0.21 0.00	20.98 -0.32 0.00	18.57 -0.32 0.00	17.29 -0.46 0.00	15.93 -0.54 0.00	15.32 -0.59 0.00	14.31 -0.53 0.00	13.85 -0.53 0.00	13.19 -0.52 0.00	12.86 -0.52 0.00	14.36 -0.60 0.00	17.90 -0.59 0.00	20.51 -0.33 0.00	27.97 -0.14 0.00	28.79 -0.09 0.00	23.48 0.12 0.00	21.35 0.00 0.00	19.21 0.00 0.00
KATONAH__115KV_46KV_TB4 355592	20.42 0.80 0.00	19.17 0.74 0.00	18.54 0.71 0.00	18.17 0.68 0.00	18.66 0.68 0.00	19.13 0.65 0.00	21.38 0.86 0.00	22.36 1.06 0.00	19.78 0.89 0.00	18.67 0.92 0.00	17.33 0.86 0.00	16.73 0.83 0.00	15.60 0.76 0.00	15.12 0.73 0.00	14.43 0.73 0.00	14.14 0.75 0.00	15.78 0.82 0.00	19.47 0.98 0.00	21.89 1.04 0.00	29.43 1.32 0.00	30.29 1.41 0.00	24.44 1.07 0.00	22.33 0.98 0.00	20.10 0.88 0.00
KCE_NY_1 323755	20.25 0.63 0.00	18.99 0.55 0.00	18.40 0.57 0.00	18.01 0.52 0.00	18.55 0.58 0.00	19.08 0.59 0.00	21.20 0.68 0.00	22.02 0.72 0.00	19.53 0.64 0.00	18.36 0.60 0.00	17.01 0.53 0.00	16.41 0.51 0.00	15.31 0.47 0.00	14.82 0.43 0.00	14.15 0.44 0.00	13.83 0.44 0.00	15.45 0.49 0.00	19.10 0.61 0.00	21.57 0.73 0.00	29.15 1.04 0.00	29.94 1.07 0.00	24.16 0.79 0.00	22.07 0.73 0.00	19.84 0.63 0.00
KCE_NY_6_ESR 323823	20.03 0.41 0.00	18.73 0.29 0.00	18.01 0.18 0.00	17.75 0.26 0.00	18.21 0.23 0.00	18.82 0.33 0.00	20.73 0.21 0.00	20.87 -0.43 0.00	18.62 -0.26 0.00	17.38 -0.37 0.00	16.16 -0.31 0.00	15.51 -0.40 0.00	14.54 -0.30 0.00	14.11 -0.27 0.00	13.34 -0.37 0.00	13.04 -0.35 0.00	14.59 -0.37 0.00	17.95 -0.54 0.00	20.60 -0.25 0.00	27.26 -0.84 0.00	28.07 -0.81 0.00	22.99 -0.37 0.00	20.90 -0.45 0.00	19.06 -0.15 0.00
KEDC_PORT_JEFF_GT2 24210	20.97 1.35 0.00	19.63 1.20 0.00	18.92 1.09 0.00	18.52 1.03 0.00	18.98 1.01 0.00	19.52 1.03 0.00	24.13 1.44 -2.17	25.33 1.62 -2.42	20.08 1.19 0.00	18.83 1.08 0.00	17.37 0.89 0.00	16.73 0.83 0.00	15.57 0.73 0.00	15.12 0.73 0.00	14.56 0.85 0.00	14.24 0.86 0.00	16.05 1.09 0.00	19.93 1.44 0.00	22.64 1.79 0.00	30.22 2.11 0.00	31.10 2.22 0.00	25.46 1.80 -0.29	23.18 1.81 -0.02	20.56 1.34 0.00
KEDC_PORT_JEFF_GT3 24211	20.97 1.35 0.00	19.63 1.20 0.00	18.92 1.09 0.00	18.52 1.03 0.00	18.98 1.01 0.00	19.52 1.03 0.00	24.13 1.44 -2.17	25.33 1.62 -2.42	20.08 1.19 0.00	18.83 1.08 0.00	17.37 0.89 0.00	16.73 0.83 0.00	15.57 0.73 0.00	15.12 0.73 0.00	14.56 0.85 0.00	14.24 0.86 0.00	16.05 1.09 0.00	19.93 1.44 0.00	22.64 1.79 0.00	30.22 2.11 0.00	31.10 2.22 0.00	25.46 1.80 -0.29	23.18 1.81 -0.02	20.56 1.34 0.00
KEDC_GLWD_GT4 24219	20.56 0.94 0.00	19.25 0.81 0.00	18.60 0.77 0.00	18.22 0.73 0.00	18.72 0.74 0.00	19.21 0.72 0.00	23.74 1.05 -2.17	24.97 1.26 -2.42	19.85 0.96 0.00	18.73 0.98 0.00	17.37 0.89 0.00	16.76 0.86 0.00	15.61 0.77 0.00	15.15 0.76 0.00	14.53 0.82 0.00	14.22 0.83 0.00	15.92 0.96 0.00	19.68 1.18 0.00	22.18 1.34 0.00	29.68 1.57 0.00	30.55 1.67 0.00	24.96 1.31 -0.29	22.67 1.30 -0.02	20.25 1.04 0.00
KEDC_GLWD_GT5 24220	20.56 0.94 0.00	19.25 0.81 0.00	18.60 0.77 0.00	18.22 0.73 0.00	18.72 0.74 0.00	19.21 0.72 0.00	23.74 1.05 -2.17	24.97 1.26 -2.42	19.85 0.96 0.00	18.73 0.98 0.00	17.37 0.89 0.00	16.76 0.86 0.00	15.61 0.77 0.00	15.15 0.76 0.00	14.53 0.82 0.00	14.22 0.83 0.00	15.92 0.96 0.00	19.68 1.18 0.00	22.18 1.34 0.00	29.68 1.57 0.00	30.55 1.67 0.00	24.96 1.31 -0.29	22.67 1.30 -0.02	20.25 1.04 0.00
KENSICO____ 23655	20.34 0.73 0.00	19.10 0.66 0.00	18.47 0.64 0.00	18.10 0.61 0.00	18.61 0.63 0.00	19.08 0.59 0.00	21.32 0.80 0.00	22.29 1.00 0.00	19.76 0.87 0.00	18.67 0.92 0.00	17.35 0.87 0.00	16.78 0.87 0.00	15.64 0.80 0.00	15.18 0.79 0.00	14.48 0.77 0.00	14.19 0.80 0.00	15.83 0.87 0.00	19.53 1.04 0.00	21.91 1.06 0.00	29.46 1.35 0.00	30.29 1.41 0.00	24.41 1.05 0.00	22.35 1.00 0.00	20.10 0.88 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.50 0.88 0.00	19.23 0.79 0.00	18.58 0.75 0.00	18.20 0.72 0.00	18.73 0.76 0.00	19.19 0.70 0.00	21.46 0.94 0.00	22.34 1.04 0.00	19.70 0.81 0.00	18.51 0.76 0.00	17.17 0.69 0.00	16.59 0.68 0.00	15.46 0.62 0.00	15.00 0.62 0.00	14.34 0.63 0.00	14.03 0.64 0.00	15.68 0.72 0.00	19.34 0.85 0.00	21.78 0.94 0.00	29.37 1.26 0.00	30.26 1.39 0.00	24.39 1.03 0.00	22.29 0.94 0.00	20.04 0.83 0.00
KIAC_JFK_GT1 23816	20.44 0.82 0.00	19.19 0.76 0.00	18.56 0.73 0.00	18.20 0.72 0.00	18.70 0.72 0.00	19.10 0.61 0.00	21.38 0.86 0.00	22.42 1.13 0.00	19.81 0.93 0.00	18.83 1.08 0.00	17.52 1.04 0.00	16.94 1.03 0.00	15.80 0.96 0.00	15.31 0.92 0.00	14.64 0.93 0.00	14.34 0.95 0.00	15.98 1.02 0.00	19.73 1.24 0.00	22.03 1.19 0.00	29.57 1.46 0.00	30.49 1.62 0.00	24.51 1.14 0.00	22.50 1.15 0.00	20.27 1.06 0.00
KIAC_JFK_GT2 23817	20.44 0.82 0.00	19.19 0.76 0.00	18.56 0.73 0.00	18.20 0.72 0.00	18.70 0.72 0.00	19.10 0.61 0.00	21.38 0.86 0.00	22.42 1.13 0.00	19.81 0.93 0.00	18.83 1.08 0.00	17.52 1.04 0.00	16.94 1.03 0.00	15.80 0.96 0.00	15.31 0.92 0.00	14.64 0.93 0.00	14.34 0.95 0.00	15.98 1.02 0.00	19.73 1.24 0.00	22.03 1.19 0.00	29.57 1.46 0.00	30.49 1.62 0.00	24.51 1.14 0.00	22.50 1.15 0.00	20.27 1.06 0.00
KIAC_JFK____ 323774	20.44 0.82 0.00	19.12 0.68 0.00	18.56 0.73 0.00	18.19 0.70 0.00	18.70 0.72 0.00	19.11 0.63 0.00	21.38 0.86 0.00	22.42 1.13 0.00	19.81 0.93 0.00	18.83 1.08 0.00	17.52 1.04 0.00	16.94 1.03 0.00	15.78 0.94 0.00	15.28 0.89 0.00	14.64 0.93 0.00	14.34 0.95 0.00	15.98 1.02 0.00	19.73 1.24 0.00	22.03 1.19 0.00	29.57 1.46 0.00	30.46 1.59 0.00	24.51 1.14 0.00	22.52 1.17 0.00	20.27 1.06 0.00
KINTIGH____ 23543	19.28 -0.33 0.00	18.01 -0.42 0.00	17.46 -0.37 0.00	17.16 -0.33 0.00	17.64 -0.34 0.00	18.23 -0.26 0.00	20.07 -0.45 0.00	20.31 -0.98 0.00	18.09 -0.79 0.00	16.92 -0.83 0.00	15.74 -0.74 0.00	15.09 -0.81 0.00	14.13 -0.71 0.00	13.65 -0.73 0.00	12.98 -0.73 0.00	12.69 -0.70 0.00	14.18 -0.78 0.00	17.46 -1.04 0.00	19.93 -0.92 0.00	26.45 -1.66 0.00	27.26 -1.62 0.00	22.29 -1.07 0.00	20.22 -1.13 0.00	18.44 -0.77 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	19.89 0.27 0.00	18.80 0.37 0.00	18.22 0.39 0.00	17.84 0.35 0.00	18.36 0.38 0.00	18.80 0.31 0.00	20.52 0.00 0.00	21.19 -0.11 0.00	18.77 -0.11 0.00	17.45 -0.30 0.00	16.05 -0.43 0.00	15.43 -0.48 0.00	14.42 -0.42 0.00	13.97 -0.42 0.00	13.28 -0.42 0.00	12.96 -0.43 0.00	14.48 -0.48 0.00	18.07 -0.43 0.00	20.76 -0.08 0.00	28.30 0.20 0.00	29.16 0.29 0.00	23.88 0.51 0.00	21.69 0.34 0.00	19.52 0.31 0.00
LACHUTE____HYDRO 323717	20.82 1.20 0.00	19.41 0.98 0.00	18.83 1.00 0.00	18.41 0.93 0.00	19.02 1.04 0.00	19.61 1.13 0.00	21.77 1.25 0.00	22.59 1.30 0.00	20.04 1.15 0.00	18.73 0.98 0.00	17.29 0.81 0.00	16.67 0.76 0.00	15.55 0.71 0.00	15.03 0.65 0.00	14.33 0.62 0.00	14.02 0.63 0.00	15.68 0.72 0.00	19.41 0.92 0.00	22.07 1.23 0.00	29.91 1.80 0.00	30.84 1.96 0.00	24.83 1.47 0.00	22.65 1.30 0.00	20.27 1.06 0.00
LAWRNCAY_115KV_TB1 80681	19.07 -0.55 0.00	17.96 -0.48 0.00	17.38 -0.45 0.00	17.03 -0.45 0.00	17.53 -0.45 0.00	18.01 -0.48 0.00	19.93 -0.60 0.00	20.68 -0.62 0.00	18.34 -0.55 0.00	17.13 -0.62 0.00	15.85 -0.63 0.00	15.27 -0.64 0.00	14.26 -0.58 0.00	13.82 -0.56 0.00	13.16 -0.55 0.00	12.85 -0.54 0.00	14.36 -0.60 0.00	17.83 -0.67 0.00	20.24 -0.60 0.00	27.43 -0.67 0.00	28.21 -0.66 0.00	22.87 -0.49 0.00	20.86 -0.49 0.00	18.75 -0.46 0.00
LEDERLE____ 23769	20.34 0.73 0.00	19.10 0.66 0.00	18.47 0.64 0.00	18.10 0.61 0.00	18.61 0.63 0.00	19.10 0.61 0.00	21.34 0.82 0.00	22.29 1.00 0.00	19.74 0.85 0.00	18.62 0.87 0.00	17.32 0.84 0.00	16.73 0.83 0.00	15.60 0.76 0.00	15.13 0.75 0.00	14.45 0.74 0.00	14.15 0.76 0.00	15.80 0.84 0.00	19.49 1.00 0.00	21.89 1.04 0.00	29.46 1.35 0.00	30.26 1.39 0.00	24.44 1.07 0.00	22.33 0.98 0.00	20.08 0.86 0.00
LIGHTHSE_115KV_TB6 355974	19.32 -0.29 0.00	18.10 -0.33 0.00	17.51 -0.32 0.00	17.17 -0.31 0.00	17.65 -0.32 0.00	18.15 -0.33 0.00	20.11 -0.41 0.00	20.78 -0.51 0.00	18.42 -0.47 0.00	17.25 -0.50 0.00	16.03 -0.44 0.00	15.44 -0.46 0.00	14.39 -0.45 0.00	13.94 -0.45 0.00	13.27 -0.44 0.00	12.94 -0.44 0.00	14.51 -0.45 0.00	17.99 -0.50 0.00	20.34 -0.50 0.00	27.54 -0.56 0.00	28.33 -0.55 0.00	22.89 -0.47 0.00	20.94 -0.41 0.00	18.83 -0.38 0.00
LINDEN COGEN____ 23786	20.29 0.67 0.00	19.01 0.57 0.00	18.44 0.61 0.00	18.06 0.58 0.00	18.57 0.59 0.00	19.00 0.52 0.00	21.24 0.72 0.00	22.25 0.96 0.00	19.72 0.83 0.00	18.67 0.92 0.00	17.38 0.91 0.00	16.81 0.91 0.00	15.66 0.82 0.00	15.16 0.78 0.00	14.52 0.81 0.00	14.23 0.84 0.00	15.86 0.90 0.00	19.58 1.09 0.00	21.91 1.06 0.00	29.40 1.29 0.00	30.26 1.39 0.00	24.32 0.96 0.00	22.37 1.02 0.00	20.11 0.90 0.00
LINDHRST_69_KV_BK1 356055	20.91 1.29 0.00	19.60 1.16 0.00	18.85 1.02 0.00	18.45 0.96 0.00	18.93 0.95 0.00	19.45 0.96 0.00	24.09 1.40 -2.17	25.29 1.58 -2.42	20.02 1.13 0.00	18.82 1.07 0.00	17.35 0.87 0.00	16.73 0.83 0.00	15.73 0.89 0.00	15.28 0.89 0.00	14.56 0.85 0.00	14.24 0.86 0.00	16.02 1.06 0.00	19.88 1.39 0.00	22.55 1.71 0.00	30.16 2.05 0.00	31.04 2.17 0.00	25.41 1.75 -0.29	23.05 1.69 -0.02	20.50 1.29 0.00
LIPA_MISC_IPP 23656	20.99 1.37 0.00	19.71 1.27 0.00	18.95 1.12 0.00	18.55 1.07 0.00	19.02 1.04 0.00	19.54 1.05 0.00	24.15 1.46 -2.17	25.33 1.62 -2.42	20.10 1.21 0.00	18.85 1.10 0.00	17.37 0.89 0.00	16.73 0.83 0.00	15.73 0.89 0.00	15.28 0.89 0.00	14.54 0.84 0.00	14.23 0.84 0.00	16.04 1.08 0.00	19.93 1.44 0.00	22.62 1.77 0.00	30.30 2.19 0.00	31.18 2.31 0.00	25.46 1.80 -0.29	23.18 1.81 -0.02	20.58 1.36 0.00
LISF____SOLAR 323691	21.01 1.39 0.00	19.69 1.25 0.00	18.97 1.14 0.00	18.57 1.08 0.00	19.06 1.08 0.00	19.58 1.09 0.00	24.17 1.48 -2.17	25.38 1.66 -2.42	20.11 1.23 0.00	18.87 1.12 0.00	17.37 0.89 0.00	16.73 0.83 0.00	15.55 0.71 0.00	15.10 0.72 0.00	14.56 0.85 0.00	14.24 0.86 0.00	16.05 1.09 0.00	19.95 1.46 0.00	22.66 1.81 0.00	30.30 2.19 0.00	31.19 2.31 0.00	25.50 1.85 -0.29	23.25 1.88 -0.02	20.60 1.38 0.00
LITTLE FALLS____HYD 24013	19.91 0.29 0.00	18.71 0.28 0.00	18.08 0.25 0.00	17.73 0.24 0.00	18.19 0.22 0.00	18.73 0.24 0.00	20.77 0.25 0.00	21.55 0.26 0.00	19.08 0.19 0.00	17.89 0.14 0.00	16.59 0.12 0.00	15.99 0.08 0.00	14.90 0.06 0.00	14.46 0.07 0.00	13.78 0.07 0.00	13.45 0.07 0.00	15.04 0.07 0.00	18.60 0.11 0.00	21.03 0.19 0.00	28.47 0.37 0.00	29.31 0.43 0.00	23.74 0.37 0.00	21.73 0.38 0.00	19.58 0.37 0.00

LITTLRIV_115KV_TB1 356100	19.27 -0.35 0.00	18.14 -0.29 0.00	17.55 -0.29 0.00	17.19 -0.30 0.00	17.69 -0.29 0.00	18.19 -0.30 0.00	20.13 -0.39 0.00	20.89 -0.40 0.00	18.53 -0.36 0.00	17.31 -0.44 0.00	15.98 -0.49 0.00	15.41 -0.49 0.00	14.39 -0.45 0.00	13.94 -0.45 0.00	13.27 -0.44 0.00	12.96 -0.43 0.00	14.50 -0.46 0.00	17.99 -0.50 0.00	20.47 -0.38 0.00	27.80 -0.31 0.00	28.59 -0.29 0.00	23.15 -0.21 0.00	21.11 -0.23 0.00	18.94 -0.27 0.00
LI_NEWBRDGE___DRP 323616	20.52 0.90 0.00	19.23 0.79 0.00	18.51 0.68 0.00	18.12 0.63 0.00	18.59 0.61 0.00	19.08 0.59 0.00	23.72 1.03 -2.17	24.95 1.24 -2.42	19.70 0.81 0.00	18.53 0.78 0.00	17.12 0.64 0.00	16.53 0.62 0.00	15.51 0.67 0.00	15.06 0.68 0.00	14.35 0.64 0.00	14.04 0.66 0.00	15.77 0.81 0.00	19.54 1.05 0.00	22.14 1.29 0.00	29.54 1.43 0.00	30.38 1.50 0.00	24.87 1.21 -0.30	22.61 1.24 -0.02	20.13 0.92 0.00
LOCKPORT_115KV_TB60_63_64 80432	19.48 -0.14 0.00	18.16 -0.28 0.00	17.65 -0.18 0.00	17.31 -0.17 0.00	17.78 -0.20 0.00	18.39 -0.09 0.00	20.23 -0.29 0.00	20.31 -0.98 0.00	18.11 -0.77 0.00	16.90 -0.85 0.00	15.72 -0.76 0.00	15.06 -0.84 0.00	14.11 -0.73 0.00	13.61 -0.78 0.00	12.95 -0.75 0.00	12.66 -0.72 0.00	14.15 -0.81 0.00	17.42 -1.07 0.00	19.99 -0.85 0.00	26.42 -1.69 0.00	27.26 -1.62 0.00	22.31 -1.05 0.00	20.22 -1.13 0.00	18.54 -0.67 0.00
LOCKPORT___CC1 323769	19.58 -0.04 0.00	18.31 -0.13 0.00	17.62 -0.21 0.00	17.38 -0.10 0.00	17.83 -0.14 0.00	18.39 -0.09 0.00	20.23 -0.29 0.00	20.34 -0.96 0.00	18.13 -0.76 0.00	16.92 -0.83 0.00	15.74 -0.74 0.00	15.08 -0.83 0.00	14.16 -0.68 0.00	13.74 -0.65 0.00	12.97 -0.74 0.00	12.68 -0.71 0.00	14.17 -0.79 0.00	17.44 -1.05 0.00	19.99 -0.86 0.00	26.45 -1.66 0.00	27.26 -1.62 0.00	22.31 -1.05 0.00	20.28 -1.07 0.00	18.54 -0.67 0.00
LOCKPORT___CC2 323770	19.58 -0.04 0.00	18.31 -0.13 0.00	17.62 -0.21 0.00	17.38 -0.10 0.00	17.83 -0.14 0.00	18.39 -0.09 0.00	20.23 -0.29 0.00	20.34 -0.96 0.00	18.13 -0.76 0.00	16.92 -0.83 0.00	15.74 -0.74 0.00	15.08 -0.83 0.00	14.16 -0.68 0.00	13.74 -0.65 0.00	12.97 -0.74 0.00	12.68 -0.71 0.00	14.17 -0.79 0.00	17.44 -1.05 0.00	19.99 -0.86 0.00	26.45 -1.66 0.00	27.26 -1.62 0.00	22.31 -1.05 0.00	20.28 -1.07 0.00	18.54 -0.67 0.00
LOCKPORT___CC3 323771	19.58 -0.04 0.00	18.31 -0.13 0.00	17.62 -0.21 0.00	17.38 -0.10 0.00	17.83 -0.14 0.00	18.39 -0.09 0.00	20.23 -0.29 0.00	20.34 -0.96 0.00	18.13 -0.76 0.00	16.92 -0.83 0.00	15.74 -0.74 0.00	15.08 -0.83 0.00	14.16 -0.68 0.00	13.74 -0.65 0.00	12.97 -0.74 0.00	12.68 -0.71 0.00	14.17 -0.79 0.00	17.44 -1.05 0.00	19.99 -0.86 0.00	26.45 -1.66 0.00	27.26 -1.62 0.00	22.31 -1.05 0.00	20.28 -1.07 0.00	18.54 -0.67 0.00
LONG_LAKE_PHOENIX 24014	19.28 -0.33 0.00	18.09 -0.35 0.00	17.49 -0.34 0.00	17.17 -0.31 0.00	17.65 -0.32 0.00	18.17 -0.31 0.00	20.15 -0.37 0.00	20.85 -0.45 0.00	18.49 -0.40 0.00	17.36 -0.39 0.00	16.12 -0.36 0.00	15.54 -0.37 0.00	14.51 -0.33 0.00	14.04 -0.35 0.00	13.37 -0.34 0.00	13.04 -0.35 0.00	14.60 -0.36 0.00	18.07 -0.43 0.00	20.34 -0.50 0.00	27.46 -0.65 0.00	28.21 -0.66 0.00	22.85 -0.51 0.00	20.86 -0.49 0.00	18.77 -0.44 0.00
LOVETT___3 23632	20.25 0.63 0.00	19.01 0.57 0.00	18.38 0.55 0.00	18.03 0.54 0.00	18.52 0.54 0.00	19.00 0.52 0.00	21.24 0.72 0.00	22.19 0.89 0.00	19.66 0.77 0.00	18.57 0.82 0.00	17.27 0.79 0.00	16.69 0.78 0.00	15.55 0.71 0.00	15.09 0.70 0.00	14.41 0.70 0.00	14.11 0.72 0.00	15.74 0.78 0.00	19.42 0.92 0.00	21.80 0.96 0.00	29.31 1.21 0.00	30.12 1.24 0.00	24.32 0.96 0.00	22.25 0.90 0.00	19.98 0.77 0.00
LOVETT___4 23642	20.25 0.63 0.00	19.01 0.57 0.00	18.38 0.55 0.00	18.03 0.54 0.00	18.52 0.54 0.00	19.00 0.52 0.00	21.24 0.72 0.00	22.19 0.89 0.00	19.66 0.77 0.00	18.57 0.82 0.00	17.27 0.79 0.00	16.69 0.78 0.00	15.55 0.71 0.00	15.09 0.70 0.00	14.41 0.70 0.00	14.11 0.72 0.00	15.74 0.78 0.00	19.42 0.92 0.00	21.80 0.96 0.00	29.31 1.21 0.00	30.12 1.24 0.00	24.32 0.96 0.00	22.25 0.90 0.00	19.98 0.77 0.00
LOVETT___5 23593	20.25 0.63 0.00	19.01 0.57 0.00	18.38 0.55 0.00	18.03 0.54 0.00	18.52 0.54 0.00	19.00 0.52 0.00	21.24 0.72 0.00	22.19 0.89 0.00	19.66 0.77 0.00	18.57 0.82 0.00	17.27 0.79 0.00	16.69 0.78 0.00	15.55 0.71 0.00	15.09 0.70 0.00	14.41 0.70 0.00	14.11 0.72 0.00	15.74 0.78 0.00	19.42 0.92 0.00	21.80 0.96 0.00	29.31 1.21 0.00	30.12 1.24 0.00	24.32 0.96 0.00	22.25 0.90 0.00	19.98 0.77 0.00
LOWER RAQUET___HYD 24057	18.93 -0.69 0.00	17.85 -0.59 0.00	17.26 -0.57 0.00	16.91 -0.58 0.00	17.40 -0.58 0.00	17.89 -0.59 0.00	19.78 -0.74 0.00	20.53 -0.77 0.00	18.21 -0.68 0.00	17.01 -0.74 0.00	15.74 -0.74 0.00	15.14 -0.76 0.00	14.16 -0.68 0.00	13.71 -0.68 0.00	13.05 -0.66 0.00	12.74 -0.64 0.00	14.26 -0.70 0.00	17.70 -0.79 0.00	20.11 -0.73 0.00	27.26 -0.84 0.00	28.04 -0.84 0.00	22.73 -0.63 0.00	20.73 -0.62 0.00	18.62 -0.60 0.00
LOWER___HUDSON 24059	20.01 0.39 0.00	18.82 0.39 0.00	18.21 0.38 0.00	17.86 0.37 0.00	18.36 0.38 0.00	18.87 0.39 0.00	20.95 0.43 0.00	21.78 0.49 0.00	19.34 0.45 0.00	18.21 0.46 0.00	16.91 0.43 0.00	16.34 0.43 0.00	15.21 0.37 0.00	14.75 0.36 0.00	14.06 0.36 0.00	13.76 0.37 0.00	15.37 0.40 0.00	18.99 0.50 0.00	21.39 0.54 0.00	28.87 0.76 0.00	29.60 0.72 0.00	23.88 0.51 0.00	21.86 0.51 0.00	19.67 0.46 0.00
LOWVILLE_115KV_TB2 356335	19.72 0.10 0.00	18.49 0.06 0.00	17.88 0.05 0.00	17.52 0.03 0.00	18.00 0.02 0.00	18.54 0.06 0.00	20.54 0.02 0.00	21.29 0.00 0.00	18.83 -0.06 0.00	17.61 -0.14 0.00	16.31 -0.16 0.00	15.72 -0.19 0.00	14.63 -0.21 0.00	14.17 -0.22 0.00	13.48 -0.23 0.00	13.17 -0.21 0.00	14.78 -0.18 0.00	18.38 -0.11 0.00	20.89 0.04 0.00	28.36 0.25 0.00	29.19 0.32 0.00	23.60 0.23 0.00	21.52 0.17 0.00	19.31 0.10 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	20.27 0.65 0.00	19.01 0.57 0.00	18.38 0.55 0.00	18.01 0.52 0.00	18.55 0.58 0.00	19.08 0.59 0.00	21.18 0.66 0.00	22.00 0.70 0.00	19.51 0.62 0.00	18.34 0.59 0.00	17.01 0.53 0.00	16.41 0.51 0.00	15.28 0.45 0.00	14.82 0.43 0.00	14.13 0.42 0.00	13.81 0.43 0.00	15.44 0.48 0.00	19.10 0.61 0.00	21.57 0.73 0.00	29.12 1.01 0.00	29.91 1.04 0.00	24.13 0.77 0.00	22.10 0.75 0.00	19.83 0.61 0.00
LUTHERNY_35_KV_BK2 355980	20.29 0.67 0.00	19.01 0.57 0.00	18.40 0.57 0.00	18.03 0.54 0.00	18.55 0.58 0.00	19.08 0.59 0.00	21.20 0.68 0.00	22.02 0.72 0.00	19.53 0.64 0.00	18.36 0.60 0.00	17.01 0.53 0.00	16.41 0.51 0.00	15.28 0.45 0.00	14.82 0.43 0.00	14.15 0.44 0.00	13.83 0.44 0.00	15.46 0.49 0.00	19.10 0.61 0.00	21.57 0.73 0.00	29.15 1.04 0.00	29.94 1.07 0.00	24.16 0.79 0.00	22.10 0.75 0.00	19.85 0.63 0.00

LWR___OSWEGATCHIE_HYD 23850	19.17 -0.45 0.00	18.01 -0.42 0.00	17.42 -0.41 0.00	17.07 -0.42 0.00	17.55 -0.43 0.00	18.06 -0.43 0.00	19.95 -0.57 0.00	20.70 -0.60 0.00	18.32 -0.57 0.00	17.11 -0.64 0.00	15.84 -0.64 0.00	15.25 -0.65 0.00	14.22 -0.62 0.00	13.78 -0.60 0.00	13.11 -0.60 0.00	12.81 -0.58 0.00	14.35 -0.61 0.00	17.84 -0.65 0.00	20.28 -0.56 0.00	27.54 -0.56 0.00	28.35 -0.52 0.00	22.97 -0.40 0.00	20.94 -0.41 0.00	18.79 -0.42 0.00
LYONS_FALL_HYD 23570	19.87 0.25 0.00	18.64 0.20 0.00	18.03 0.20 0.00	17.66 0.17 0.00	18.14 0.16 0.00	18.69 0.20 0.00	20.73 0.21 0.00	21.51 0.21 0.00	19.04 0.15 0.00	17.84 0.09 0.00	16.54 0.07 0.00	15.94 0.03 0.00	14.84 0.00 0.00	14.39 0.00 0.00	13.69 -0.01 0.00	13.37 -0.01 0.00	14.99 0.03 0.00	18.60 0.11 0.00	21.07 0.23 0.00	28.58 0.48 0.00	29.39 0.52 0.00	23.76 0.40 0.00	21.67 0.32 0.00	19.46 0.25 0.00
MADISON___COUNTY_LFGE 323628	20.17 0.55 0.00	18.92 0.48 0.00	18.29 0.46 0.00	17.94 0.45 0.00	18.43 0.45 0.00	18.99 0.50 0.00	21.07 0.55 0.00	21.85 0.55 0.00	19.36 0.47 0.00	18.16 0.41 0.00	16.84 0.36 0.00	16.24 0.33 0.00	15.14 0.30 0.00	14.67 0.29 0.00	13.98 0.27 0.00	13.64 0.25 0.00	15.29 0.33 0.00	18.93 0.44 0.00	21.41 0.56 0.00	28.95 0.84 0.00	29.77 0.90 0.00	24.06 0.70 0.00	21.95 0.60 0.00	19.73 0.52 0.00
MALONE___115KV_TB1 356076	19.62 0.00 0.00	18.55 0.11 0.00	17.96 0.12 0.00	17.57 0.09 0.00	18.09 0.11 0.00	18.56 0.07 0.00	20.40 -0.12 0.00	21.10 -0.19 0.00	18.70 -0.19 0.00	17.41 -0.34 0.00	16.03 -0.44 0.00	15.41 -0.49 0.00	14.41 -0.43 0.00	13.95 -0.43 0.00	13.27 -0.44 0.00	12.96 -0.43 0.00	14.47 -0.49 0.00	18.03 -0.46 0.00	20.66 -0.19 0.00	28.11 0.00 0.00	28.93 0.06 0.00	23.57 0.21 0.00	21.43 0.09 0.00	19.27 0.06 0.00
MAPLEWOD_115KV_TB3 80458	20.19 0.57 0.00	18.95 0.52 0.00	18.33 0.50 0.00	17.98 0.49 0.00	18.48 0.50 0.00	18.99 0.50 0.00	21.07 0.55 0.00	21.89 0.60 0.00	19.42 0.53 0.00	18.28 0.53 0.00	17.01 0.53 0.00	16.41 0.51 0.00	15.30 0.46 0.00	14.83 0.45 0.00	14.15 0.44 0.00	13.84 0.46 0.00	15.46 0.49 0.00	19.08 0.59 0.00	21.49 0.65 0.00	29.01 0.90 0.00	29.77 0.90 0.00	24.02 0.65 0.00	22.03 0.68 0.00	19.79 0.58 0.00
MAPLE_RIDGE_WT_1 323574	19.46 -0.16 0.00	18.33 -0.11 0.00	17.74 -0.09 0.00	17.40 -0.09 0.00	17.91 -0.07 0.00	18.41 -0.07 0.00	20.42 -0.10 0.00	21.19 -0.11 0.00	18.79 -0.09 0.00	17.63 -0.12 0.00	16.33 -0.15 0.00	15.75 -0.16 0.00	14.68 -0.16 0.00	14.21 -0.17 0.00	13.53 -0.18 0.00	13.20 -0.19 0.00	14.75 -0.21 0.00	18.29 -0.20 0.00	20.68 -0.17 0.00	27.91 -0.20 0.00	28.67 -0.20 0.00	23.22 -0.14 0.00	21.20 -0.15 0.00	19.10 -0.11 0.00
MAPLE_RIDGE_WT_2 323611	19.46 -0.16 0.00	18.33 -0.11 0.00	17.74 -0.09 0.00	17.40 -0.09 0.00	17.91 -0.07 0.00	18.41 -0.07 0.00	20.42 -0.10 0.00	21.19 -0.11 0.00	18.79 -0.09 0.00	17.63 -0.12 0.00	16.33 -0.15 0.00	15.75 -0.16 0.00	14.68 -0.16 0.00	14.21 -0.17 0.00	13.53 -0.18 0.00	13.20 -0.19 0.00	14.75 -0.21 0.00	18.29 -0.20 0.00	20.68 -0.17 0.00	27.91 -0.20 0.00	28.67 -0.20 0.00	23.22 -0.14 0.00	21.20 -0.15 0.00	19.10 -0.11 0.00
MARBLE_RIVER_WT_PWR 323696	19.64 0.02 0.00	18.57 0.13 0.00	17.99 0.16 0.00	17.63 0.14 0.00	18.11 0.13 0.00	18.56 0.07 0.00	20.32 -0.21 0.00	20.98 -0.32 0.00	18.57 -0.32 0.00	17.27 -0.48 0.00	15.92 -0.56 0.00	15.30 -0.60 0.00	14.28 -0.56 0.00	13.84 -0.55 0.00	13.17 -0.53 0.00	12.84 -0.55 0.00	14.35 -0.61 0.00	17.88 -0.61 0.00	20.49 -0.35 0.00	27.97 -0.14 0.00	28.79 -0.09 0.00	23.53 0.16 0.00	21.39 0.04 0.00	19.25 0.04 0.00
MARSHVLE_115KV_TB1 80742	20.54 0.92 0.00	19.21 0.77 0.00	18.60 0.77 0.00	18.22 0.73 0.00	18.75 0.77 0.00	19.34 0.85 0.00	21.51 0.98 0.00	22.29 1.00 0.00	19.74 0.85 0.00	18.50 0.75 0.00	17.12 0.64 0.00	16.53 0.62 0.00	15.36 0.52 0.00	14.89 0.50 0.00	14.19 0.48 0.00	13.86 0.47 0.00	15.56 0.60 0.00	19.30 0.81 0.00	21.93 1.08 0.00	29.68 1.57 0.00	30.58 1.70 0.00	24.79 1.43 0.00	22.57 1.22 0.00	20.21 1.00 0.00
MARSH_HILL_WT_PWR 323713	20.60 0.98 0.00	19.23 0.79 0.00	18.47 0.64 0.00	18.19 0.70 0.00	18.61 0.63 0.00	19.30 0.81 0.00	21.40 0.88 0.00	22.02 0.72 0.00	19.51 0.62 0.00	18.25 0.50 0.00	16.91 0.43 0.00	16.32 0.41 0.00	15.25 0.41 0.00	14.79 0.40 0.00	14.02 0.32 0.00	13.71 0.32 0.00	15.43 0.46 0.00	19.18 0.68 0.00	21.85 1.00 0.00	29.62 1.52 0.00	30.37 1.50 0.00	24.74 1.38 0.00	22.48 1.13 0.00	20.17 0.96 0.00
MCINTYRE_115KV_TB2 80467	19.54 -0.08 0.00	18.40 -0.04 0.00	17.79 -0.04 0.00	17.43 -0.05 0.00	17.92 -0.05 0.00	18.45 -0.04 0.00	20.42 -0.10 0.00	21.17 -0.13 0.00	18.77 -0.11 0.00	17.52 -0.23 0.00	16.20 -0.28 0.00	15.60 -0.30 0.00	14.57 -0.27 0.00	14.11 -0.27 0.00	13.43 -0.27 0.00	13.13 -0.25 0.00	14.69 -0.27 0.00	18.25 -0.24 0.00	20.76 -0.08 0.00	28.19 0.08 0.00	28.99 0.12 0.00	23.48 0.12 0.00	21.41 0.06 0.00	19.21 0.00 0.00
MECO____69_KV_BK1 80468	21.29 1.67 0.00	19.86 1.42 0.00	19.24 1.41 0.00	18.82 1.33 0.00	19.42 1.44 0.00	20.04 1.55 0.00	22.28 1.76 0.00	23.02 1.72 0.00	20.30 1.42 0.00	18.92 1.17 0.00	17.48 1.01 0.00	16.84 0.94 0.00	15.64 0.80 0.00	15.15 0.76 0.00	14.43 0.73 0.00	14.14 0.75 0.00	15.92 0.96 0.00	19.84 1.35 0.00	22.66 1.81 0.00	30.72 2.61 0.00	31.70 2.83 0.00	25.65 2.29 0.00	23.33 1.99 0.00	20.86 1.65 0.00
MENANDS__115KV_TB5 355628	20.15 0.53 0.00	18.93 0.50 0.00	18.31 0.48 0.00	17.94 0.45 0.00	18.46 0.49 0.00	18.95 0.46 0.00	21.03 0.51 0.00	21.87 0.57 0.00	19.40 0.51 0.00	18.27 0.51 0.00	16.99 0.51 0.00	16.41 0.51 0.00	15.28 0.45 0.00	14.83 0.45 0.00	14.15 0.44 0.00	13.83 0.44 0.00	15.44 0.48 0.00	19.06 0.57 0.00	21.45 0.60 0.00	28.92 0.82 0.00	29.68 0.81 0.00	23.97 0.61 0.00	21.99 0.64 0.00	19.75 0.54 0.00
MG INDUSTRY___DRP 24185	20.17 0.55 0.00	18.95 0.52 0.00	18.33 0.50 0.00	17.96 0.47 0.00	18.48 0.50 0.00	18.99 0.50 0.00	21.07 0.55 0.00	21.87 0.57 0.00	19.40 0.51 0.00	18.25 0.50 0.00	16.94 0.46 0.00	16.37 0.46 0.00	15.26 0.42 0.00	14.79 0.40 0.00	14.11 0.40 0.00	13.79 0.40 0.00	15.40 0.43 0.00	19.01 0.52 0.00	21.41 0.56 0.00	28.89 0.79 0.00	29.68 0.81 0.00	23.97 0.61 0.00	21.97 0.62 0.00	19.75 0.54 0.00
MID___OSWEGATCHIE_HYD 23849	19.17 -0.45 0.00	18.01 -0.42 0.00	17.42 -0.41 0.00	17.07 -0.42 0.00	17.55 -0.43 0.00	18.06 -0.43 0.00	19.95 -0.57 0.00	20.70 -0.60 0.00	18.32 -0.57 0.00	17.11 -0.64 0.00	15.84 -0.64 0.00	15.25 -0.65 0.00	14.22 -0.62 0.00	13.78 -0.60 0.00	13.11 -0.60 0.00	12.81 -0.58 0.00	14.35 -0.61 0.00	17.84 -0.65 0.00	20.28 -0.56 0.00	27.54 -0.56 0.00	28.35 -0.52 0.00	22.97 -0.40 0.00	20.94 -0.41 0.00	18.79 -0.42 0.00

MID___RAQUETTE_HYD 23851	18.95 -0.67 0.00	17.85 -0.59 0.00	17.26 -0.57 0.00	16.91 -0.58 0.00	17.40 -0.58 0.00	17.89 -0.59 0.00	19.78 -0.74 0.00	20.53 -0.77 0.00	18.21 -0.68 0.00	17.01 -0.75 0.00	15.74 -0.74 0.00	15.14 -0.76 0.00	14.16 -0.68 0.00	13.71 -0.68 0.00	13.05 -0.66 0.00	12.74 -0.64 0.00	14.26 -0.70 0.00	17.70 -0.80 0.00	20.12 -0.73 0.00	27.26 -0.84 0.00	28.04 -0.84 0.00	22.73 -0.63 0.00	20.75 -0.60 0.00	18.62 -0.60 0.00
MILLIKEN___1 23584	20.05 0.43 0.00	18.79 0.35 0.00	18.17 0.34 0.00	17.82 0.33 0.00	18.32 0.34 0.00	18.91 0.43 0.00	20.99 0.47 0.00	21.70 0.40 0.00	19.21 0.32 0.00	17.98 0.23 0.00	16.66 0.18 0.00	16.05 0.14 0.00	14.97 0.13 0.00	14.50 0.12 0.00	13.79 0.08 0.00	13.47 0.08 0.00	15.11 0.15 0.00	18.75 0.26 0.00	21.22 0.38 0.00	28.70 0.59 0.00	29.48 0.61 0.00	23.90 0.54 0.00	21.75 0.41 0.00	19.58 0.37 0.00
MILLIKEN___2 23585	20.05 0.43 0.00	18.79 0.35 0.00	18.17 0.34 0.00	17.82 0.33 0.00	18.32 0.34 0.00	18.91 0.43 0.00	20.99 0.47 0.00	21.70 0.40 0.00	19.21 0.32 0.00	17.98 0.23 0.00	16.66 0.18 0.00	16.05 0.14 0.00	14.97 0.13 0.00	14.50 0.12 0.00	13.79 0.08 0.00	13.47 0.08 0.00	15.11 0.15 0.00	18.75 0.26 0.00	21.22 0.38 0.00	28.70 0.59 0.00	29.48 0.61 0.00	23.90 0.54 0.00	21.75 0.41 0.00	19.58 0.37 0.00
MILLIKEN___DIESEL 23629	20.05 0.43 0.00	18.79 0.35 0.00	18.17 0.34 0.00	17.82 0.33 0.00	18.32 0.34 0.00	18.91 0.43 0.00	20.99 0.47 0.00	21.70 0.40 0.00	19.21 0.32 0.00	17.98 0.23 0.00	16.66 0.18 0.00	16.05 0.14 0.00	14.97 0.13 0.00	14.50 0.12 0.00	13.79 0.08 0.00	13.47 0.08 0.00	15.11 0.15 0.00	18.75 0.26 0.00	21.22 0.38 0.00	28.70 0.59 0.00	29.48 0.61 0.00	23.90 0.54 0.00	21.75 0.41 0.00	19.58 0.37 0.00
MILLSEAT___LFGE 323607	19.79 0.18 0.00	18.49 0.06 0.00	17.81 -0.02 0.00	17.56 0.07 0.00	18.03 0.05 0.00	18.60 0.11 0.00	20.48 -0.04 0.00	20.63 -0.66 0.00	18.36 -0.53 0.00	17.11 -0.64 0.00	15.90 -0.58 0.00	15.24 -0.67 0.00	14.32 -0.52 0.00	13.88 -0.50 0.00	13.11 -0.60 0.00	12.81 -0.58 0.00	14.33 -0.63 0.00	17.64 -0.85 0.00	20.26 -0.58 0.00	26.93 -1.18 0.00	27.75 -1.13 0.00	22.71 -0.65 0.00	20.60 -0.75 0.00	18.79 -0.42 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.30 0.69 0.00	19.06 0.63 0.00	18.44 0.61 0.00	18.06 0.58 0.00	18.57 0.59 0.00	19.04 0.55 0.00	21.28 0.76 0.00	22.25 0.96 0.00	19.70 0.81 0.00	18.62 0.87 0.00	17.30 0.82 0.00	16.72 0.81 0.00	15.60 0.76 0.00	15.12 0.73 0.00	14.43 0.73 0.00	14.14 0.75 0.00	15.78 0.82 0.00	19.47 0.98 0.00	21.85 1.00 0.00	29.37 1.26 0.00	30.20 1.33 0.00	24.34 0.98 0.00	22.29 0.94 0.00	20.04 0.83 0.00
MILLWOOD_13_KV_LOAD 356217	20.36 0.75 0.00	19.12 0.68 0.00	18.47 0.64 0.00	18.12 0.63 0.00	18.61 0.63 0.00	19.08 0.59 0.00	21.32 0.80 0.00	22.29 1.00 0.00	19.74 0.85 0.00	18.66 0.91 0.00	17.33 0.86 0.00	16.75 0.84 0.00	15.61 0.77 0.00	15.13 0.75 0.00	14.45 0.74 0.00	14.15 0.76 0.00	15.80 0.84 0.00	19.49 1.00 0.00	21.89 1.04 0.00	29.43 1.32 0.00	30.26 1.39 0.00	24.41 1.05 0.00	22.33 0.98 0.00	20.08 0.86 0.00
MODEL_CITY_ENERGY 24167	19.34 -0.27 0.00	18.10 -0.33 0.00	17.42 -0.41 0.00	17.21 -0.28 0.00	17.66 -0.32 0.00	18.19 -0.30 0.00	20.01 -0.51 0.00	20.08 -1.21 0.00	17.90 -0.98 0.00	16.72 -1.03 0.00	15.56 -0.92 0.00	14.90 -1.00 0.00	13.99 -0.85 0.00	13.58 -0.81 0.00	12.83 -0.88 0.00	12.54 -0.84 0.00	14.00 -0.96 0.00	17.23 -1.26 0.00	19.74 -1.11 0.00	26.11 -1.99 0.00	26.91 -1.96 0.00	22.05 -1.31 0.00	20.02 -1.32 0.00	18.33 -0.88 0.00
MODERN_LFGE___ 323580	19.34 -0.27 0.00	18.10 -0.33 0.00	17.42 -0.41 0.00	17.21 -0.28 0.00	17.66 -0.32 0.00	18.19 -0.30 0.00	20.01 -0.51 0.00	20.08 -1.21 0.00	17.90 -0.98 0.00	16.72 -1.03 0.00	15.56 -0.92 0.00	14.90 -1.00 0.00	13.99 -0.85 0.00	13.58 -0.81 0.00	12.83 -0.88 0.00	12.54 -0.84 0.00	14.00 -0.96 0.00	17.23 -1.26 0.00	19.74 -1.11 0.00	26.11 -1.99 0.00	26.91 -1.96 0.00	22.05 -1.31 0.00	20.02 -1.32 0.00	18.33 -0.88 0.00
MOHAWK_PAPER___DRP 24187	20.19 0.57 0.00	18.95 0.52 0.00	18.33 0.50 0.00	17.98 0.49 0.00	18.48 0.50 0.00	18.99 0.50 0.00	21.07 0.55 0.00	21.89 0.60 0.00	19.42 0.53 0.00	18.28 0.53 0.00	17.01 0.53 0.00	16.41 0.51 0.00	15.30 0.46 0.00	14.83 0.45 0.00	14.15 0.44 0.00	13.84 0.46 0.00	15.46 0.49 0.00	19.08 0.59 0.00	21.49 0.65 0.00	29.01 0.90 0.00	29.77 0.90 0.00	24.02 0.65 0.00	22.03 0.68 0.00	19.79 0.58 0.00
MOHICAN___35_KV_115KV_LD 80490	20.27 0.65 0.00	18.97 0.53 0.00	18.37 0.53 0.00	17.99 0.51 0.00	18.54 0.56 0.00	19.08 0.59 0.00	21.20 0.68 0.00	22.02 0.72 0.00	19.53 0.64 0.00	18.34 0.59 0.00	16.96 0.48 0.00	16.37 0.46 0.00	15.23 0.39 0.00	14.77 0.39 0.00	14.09 0.38 0.00	13.77 0.39 0.00	15.41 0.45 0.00	19.06 0.57 0.00	21.60 0.75 0.00	29.20 1.10 0.00	30.03 1.15 0.00	24.18 0.82 0.00	22.12 0.77 0.00	19.83 0.61 0.00
MONGAUP___HYD 23641	20.13 0.51 0.00	18.88 0.44 0.00	18.28 0.45 0.00	17.89 0.40 0.00	18.43 0.45 0.00	18.89 0.41 0.00	21.09 0.57 0.00	21.91 0.62 0.00	19.34 0.45 0.00	18.16 0.41 0.00	16.86 0.38 0.00	16.29 0.38 0.00	15.17 0.33 0.00	14.73 0.34 0.00	14.08 0.37 0.00	13.77 0.39 0.00	15.38 0.42 0.00	18.99 0.50 0.00	21.41 0.56 0.00	28.61 0.51 0.00	29.45 0.58 0.00	23.99 0.63 0.00	21.93 0.58 0.00	19.71 0.50 0.00
MONTAUK___DIESEL 23721	21.70 2.08 0.00	20.37 1.94 0.00	19.61 1.78 0.00	19.20 1.71 0.00	19.67 1.69 0.00	20.21 1.72 0.00	24.91 2.22 -2.17	26.10 2.38 -2.42	20.81 1.93 0.00	19.49 1.74 0.00	17.88 1.40 0.00	17.19 1.29 0.00	16.12 1.28 0.00	15.59 1.21 0.00	14.82 1.11 0.00	14.50 1.11 0.00	16.40 1.44 0.00	20.40 1.90 0.00	23.30 2.46 0.00	31.34 3.23 0.00	32.31 3.44 0.00	26.39 2.73 -0.29	24.04 2.67 -0.02	21.29 2.07 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.56 0.94 0.00	19.17 0.74 0.00	18.53 0.70 0.00	18.19 0.70 0.00	18.70 0.72 0.00	19.41 0.92 0.00	21.42 0.90 0.00	21.70 0.40 0.00	19.36 0.47 0.00	18.04 0.28 0.00	16.81 0.33 0.00	16.13 0.22 0.00	15.08 0.24 0.00	14.53 0.14 0.00	13.82 0.11 0.00	13.53 0.15 0.00	15.14 0.18 0.00	18.66 0.17 0.00	21.45 0.60 0.00	28.50 0.39 0.00	29.28 0.40 0.00	24.02 0.65 0.00	21.75 0.41 0.00	19.77 0.56 0.00
MORTIMER_115KV_TB3 55949	19.52 -0.10 0.00	18.25 -0.18 0.00	17.67 -0.16 0.00	17.35 -0.14 0.00	17.83 -0.14 0.00	18.43 -0.06 0.00	20.34 -0.18 0.00	20.74 -0.55 0.00	18.43 -0.45 0.00	17.24 -0.51 0.00	16.02 -0.46 0.00	15.40 -0.51 0.00	14.41 -0.43 0.00	13.93 -0.46 0.00	13.24 -0.47 0.00	12.92 -0.47 0.00	14.47 -0.49 0.00	17.83 -0.67 0.00	20.30 -0.54 0.00	27.15 -0.96 0.00	27.98 -0.90 0.00	22.78 -0.58 0.00	20.69 -0.66 0.00	18.77 -0.44 0.00

MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.40 0.78 0.00	19.15 0.72 0.00	18.53 0.70 0.00	18.17 0.68 0.00	18.66 0.68 0.00	19.11 0.63 0.00	21.36 0.84 0.00	22.36 1.06 0.00	19.79 0.91 0.00	18.73 0.98 0.00	17.43 0.96 0.00	16.84 0.94 0.00	15.72 0.88 0.00	15.23 0.85 0.00	14.54 0.84 0.00	14.26 0.87 0.00	15.89 0.93 0.00	19.62 1.13 0.00	21.99 1.15 0.00	29.54 1.43 0.00	30.40 1.53 0.00	24.46 1.10 0.00	22.42 1.07 0.00	20.19 0.98 0.00
MUNSVILLE_WIND_PWR 323609	21.70 2.08 0.00	20.30 1.86 0.00	19.54 1.71 0.00	19.17 1.68 0.00	19.60 1.62 0.00	20.26 1.77 0.00	22.51 1.99 0.00	23.29 2.00 0.00	20.62 1.74 0.00	19.15 1.40 0.00	17.75 1.27 0.00	17.05 1.15 0.00	15.82 0.98 0.00	15.35 0.96 0.00	14.56 0.85 0.00	14.22 0.83 0.00	16.01 1.05 0.00	19.91 1.42 0.00	22.74 1.90 0.00	31.00 2.90 0.00	31.93 3.06 0.00	25.84 2.48 0.00	23.50 2.16 0.00	21.10 1.88 0.00
N SALMON___HYD 24042	19.62 0.00 0.00	18.53 0.09 0.00	17.96 0.13 0.00	17.58 0.09 0.00	18.09 0.11 0.00	18.56 0.07 0.00	20.40 -0.12 0.00	21.10 -0.19 0.00	18.70 -0.19 0.00	17.41 -0.34 0.00	16.03 -0.44 0.00	15.41 -0.49 0.00	14.41 -0.43 0.00	13.95 -0.43 0.00	13.27 -0.44 0.00	12.96 -0.43 0.00	14.47 -0.49 0.00	18.03 -0.46 0.00	20.66 -0.19 0.00	28.11 0.00 0.00	28.93 0.06 0.00	23.57 0.21 0.00	21.43 0.09 0.00	19.27 0.06 0.00
N.AKRON___115KV_KNAPP 355671	19.72 0.10 0.00	18.38 -0.06 0.00	17.85 0.02 0.00	17.52 0.03 0.00	18.00 0.02 0.00	18.62 0.13 0.00	20.50 -0.02 0.00	20.63 -0.66 0.00	18.38 -0.51 0.00	17.13 -0.62 0.00	15.92 -0.56 0.00	15.25 -0.65 0.00	14.29 -0.55 0.00	13.80 -0.59 0.00	13.12 -0.59 0.00	12.81 -0.58 0.00	14.35 -0.61 0.00	17.66 -0.83 0.00	20.28 -0.56 0.00	26.90 -1.21 0.00	27.75 -1.13 0.00	22.71 -0.65 0.00	20.56 -0.79 0.00	18.79 -0.42 0.00
N.BELMOR_69_KV_BK1 55787	20.68 1.06 0.00	19.38 0.94 0.00	18.65 0.82 0.00	18.26 0.77 0.00	18.73 0.76 0.00	19.23 0.74 0.00	23.84 1.15 -2.17	25.08 1.36 -2.42	19.85 0.96 0.00	18.67 0.92 0.00	17.27 0.79 0.00	16.65 0.75 0.00	15.63 0.79 0.00	15.18 0.79 0.00	14.46 0.75 0.00	14.15 0.76 0.00	15.90 0.94 0.00	19.69 1.20 0.00	22.30 1.46 0.00	29.79 1.69 0.00	30.64 1.76 0.00	25.08 1.43 -0.29	22.77 1.41 -0.02	20.29 1.08 0.00
N.E_GEN_SANDY PD 24062	19.99 0.37 0.00	18.82 0.39 0.00	18.22 0.39 0.00	17.87 0.38 0.00	18.37 0.40 0.00	18.86 0.37 0.00	20.95 0.43 0.00	21.83 0.53 0.00	19.40 0.51 0.00	18.30 0.55 0.00	17.02 0.54 0.00	16.43 0.52 0.00	15.30 0.46 0.00	14.83 0.45 0.00	14.16 0.45 0.00	13.87 0.48 0.00	15.47 0.51 0.00	19.10 0.61 0.00	21.45 0.60 0.00	30.22 0.79 -1.32	28.30 0.75 1.32	23.90 0.54 0.00	21.86 0.51 0.00	19.71 0.50 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.29 0.67 0.00	19.04 0.61 0.00	18.40 0.57 0.00	18.05 0.56 0.00	18.54 0.56 0.00	19.04 0.55 0.00	21.26 0.74 0.00	22.23 0.94 0.00	19.68 0.79 0.00	18.59 0.83 0.00	17.27 0.79 0.00	16.70 0.80 0.00	15.57 0.73 0.00	15.11 0.72 0.00	14.41 0.70 0.00	14.12 0.74 0.00	15.75 0.79 0.00	19.43 0.94 0.00	21.82 0.98 0.00	29.37 1.26 0.00	30.17 1.30 0.00	24.34 0.98 0.00	22.27 0.92 0.00	20.02 0.81 0.00
N.QUEENS_27_KV_LOAD 356247	20.61 0.98 -0.01	19.38 0.94 -0.01	18.75 0.91 -0.01	18.40 0.91 -0.01	18.89 0.90 -0.01	19.36 0.87 -0.01	21.63 1.11 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.87 1.10 -0.02	17.58 1.09 -0.02	17.00 1.08 -0.02	15.86 1.01 -0.02	15.38 0.98 -0.02	14.70 0.97 -0.02	14.39 0.99 -0.02	16.04 1.06 -0.02	19.78 1.28 -0.02	22.07 1.23 0.00	29.65 1.55 0.00	30.55 1.67 0.00	24.46 1.10 0.00	22.59 1.24 -0.01	20.35 1.13 -0.01
N.TROY___115KV_TB1 355778	20.05 0.43 0.00	18.84 0.41 0.00	18.20 0.37 0.00	17.85 0.37 0.00	18.37 0.40 0.00	18.87 0.39 0.00	20.95 0.43 0.00	21.78 0.49 0.00	19.34 0.45 0.00	18.21 0.46 0.00	16.91 0.43 0.00	16.34 0.43 0.00	15.21 0.37 0.00	14.75 0.36 0.00	14.06 0.36 0.00	13.76 0.37 0.00	15.37 0.40 0.00	18.99 0.50 0.00	21.39 0.54 0.00	28.87 0.76 0.00	29.60 0.72 0.00	23.88 0.51 0.00	21.88 0.53 0.00	19.67 0.46 0.00
NARROWS_GT1_1 24228	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
NARROWS_GT1_2 24229	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
NARROWS_GT1_3 24230	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
NARROWS_GT1_4 24231	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
NARROWS_GT1_5 24232	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
NARROWS_GT1_6 24233	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01

NARROWS_GT1_7 24234	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
NARROWS_GT1_8 24235	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
NARROWS_GT2_1 24236	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
NARROWS_GT2_2 24237	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
NARROWS_GT2_3 24238	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
NARROWS_GT2_4 24239	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
NARROWS_GT2_5 24240	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
NARROWS_GT2_6 24241	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
NARROWS_GT2_7 24242	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
NARROWS_GT2_8 24243	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.64 1.02 0.00	19.36 0.92 0.00	18.72 0.89 0.00	18.34 0.86 0.00	18.91 0.93 0.00	19.37 0.89 0.00	21.46 0.94 0.00	22.15 0.85 0.00	19.53 0.64 0.00	18.23 0.48 0.00	16.89 0.41 0.00	16.30 0.40 0.00	15.17 0.33 0.00	14.72 0.33 0.00	14.05 0.34 0.00	13.72 0.33 0.00	15.37 0.40 0.00	18.99 0.50 0.00	21.49 0.65 0.00	29.15 1.04 0.00	30.00 1.13 0.00	24.23 0.86 0.00	22.20 0.85 0.00	19.98 0.77 0.00
NCHELSEA_115KV_TR2 355582	20.52 0.90 0.00	19.27 0.83 0.00	18.61 0.78 0.00	18.24 0.75 0.00	18.77 0.79 0.00	19.23 0.74 0.00	21.48 0.96 0.00	22.36 1.06 0.00	19.76 0.87 0.00	18.55 0.80 0.00	17.20 0.73 0.00	16.62 0.72 0.00	15.48 0.64 0.00	15.03 0.65 0.00	14.37 0.66 0.00	14.06 0.67 0.00	15.69 0.73 0.00	19.36 0.87 0.00	21.80 0.96 0.00	29.40 1.29 0.00	30.29 1.41 0.00	24.41 1.05 0.00	22.31 0.96 0.00	20.08 0.86 0.00
NEG CAPITAL___MECHNVIL 23645	20.25 0.63 0.00	18.99 0.55 0.00	18.38 0.55 0.00	18.01 0.52 0.00	18.54 0.56 0.00	19.08 0.59 0.00	21.18 0.66 0.00	22.00 0.70 0.00	19.51 0.62 0.00	18.34 0.58 0.00	17.01 0.53 0.00	16.43 0.52 0.00	15.31 0.47 0.00	14.83 0.45 0.00	14.15 0.44 0.00	13.83 0.44 0.00	15.45 0.49 0.00	19.10 0.61 0.00	21.57 0.73 0.00	29.15 1.04 0.00	29.94 1.07 0.00	24.16 0.79 0.00	22.07 0.73 0.00	19.83 0.61 0.00
NEG CENTRAL_HIGH_ACRES 23767	19.17 -0.45 0.00	17.96 -0.48 0.00	17.31 -0.52 0.00	17.02 -0.47 0.00	17.49 -0.48 0.00	18.04 -0.44 0.00	19.95 -0.57 0.00	20.44 -0.85 0.00	18.15 -0.74 0.00	17.01 -0.74 0.00	15.79 -0.69 0.00	15.17 -0.73 0.00	14.22 -0.62 0.00	13.78 -0.60 0.00	13.05 -0.66 0.00	12.73 -0.66 0.00	14.26 -0.70 0.00	17.60 -0.89 0.00	19.99 -0.86 0.00	26.81 -1.29 0.00	27.60 -1.27 0.00	22.45 -0.91 0.00	20.41 -0.94 0.00	18.46 -0.75 0.00
NEG CENTRAL___DRP 24199	19.79 0.18 0.00	18.53 0.09 0.00	17.90 0.07 0.00	17.59 0.10 0.00	18.07 0.09 0.00	18.69 0.20 0.00	20.73 0.21 0.00	21.36 0.06 0.00	18.94 0.06 0.00	17.73 -0.02 0.00	16.43 -0.05 0.00	15.84 -0.06 0.00	14.80 -0.04 0.00	14.31 -0.07 0.00	13.61 -0.10 0.00	13.29 -0.09 0.00	14.92 -0.04 0.00	18.47 -0.02 0.00	20.91 0.06 0.00	28.25 0.14 0.00	29.02 0.14 0.00	23.55 0.19 0.00	21.41 0.06 0.00	19.29 0.08 0.00

NEG CENTRAL___INDECK 23768	20.56 0.94 0.00	19.17 0.74 0.00	18.45 0.62 0.00	18.17 0.68 0.00	18.62 0.65 0.00	19.28 0.79 0.00	21.34 0.82 0.00	21.76 0.47 0.00	19.17 0.28 0.00	17.84 0.09 0.00	16.49 0.02 0.00	15.86 -0.05 0.00	14.85 0.01 0.00	14.39 0.00 0.00	13.65 -0.05 0.00	13.32 -0.07 0.00	15.02 0.06 0.00	18.64 0.15 0.00	21.37 0.52 0.00	29.01 0.90 0.00	29.91 1.04 0.00	24.34 0.98 0.00	22.07 0.73 0.00	19.86 0.65 0.00
NEG CENTRAL___SENECA 23627	19.99 0.37 0.00	18.68 0.24 0.00	18.04 0.21 0.00	17.73 0.24 0.00	18.23 0.25 0.00	18.87 0.39 0.00	20.91 0.39 0.00	21.51 0.21 0.00	19.08 0.19 0.00	17.84 0.09 0.00	16.53 0.05 0.00	15.92 0.02 0.00	14.87 0.03 0.00	14.39 0.00 0.00	13.68 -0.03 0.00	13.35 -0.04 0.00	14.99 0.03 0.00	18.56 0.07 0.00	21.10 0.25 0.00	28.47 0.37 0.00	29.25 0.38 0.00	23.78 0.42 0.00	21.58 0.23 0.00	19.44 0.23 0.00
NEG CENTRAL___STATE_STREET 24147	19.68 0.06 0.00	18.45 0.02 0.00	17.83 0.00 0.00	17.49 0.00 0.00	17.98 0.00 0.00	18.56 0.07 0.00	20.60 0.08 0.00	21.29 0.00 0.00	18.93 0.04 0.00	17.75 0.00 0.00	16.46 -0.02 0.00	15.87 -0.03 0.00	14.81 -0.03 0.00	14.34 -0.04 0.00	13.65 -0.05 0.00	13.32 -0.07 0.00	14.93 -0.03 0.00	18.47 -0.02 0.00	20.87 0.02 0.00	28.19 0.08 0.00	28.93 0.06 0.00	23.46 0.09 0.00	21.35 0.00 0.00	19.21 0.00 0.00
NEG MILLWOOD___DRP 24198	20.58 0.96 0.00	19.30 0.87 0.00	18.65 0.82 0.00	18.29 0.80 0.00	18.79 0.81 0.00	19.24 0.76 0.00	21.51 0.98 0.00	22.47 1.17 0.00	19.83 0.94 0.00	18.67 0.92 0.00	17.32 0.84 0.00	16.70 0.80 0.00	15.57 0.73 0.00	15.09 0.70 0.00	14.42 0.71 0.00	14.12 0.74 0.00	15.77 0.81 0.00	19.43 0.94 0.00	21.91 1.06 0.00	29.48 1.38 0.00	30.38 1.50 0.00	24.51 1.14 0.00	22.39 1.05 0.00	20.13 0.92 0.00
NEG NORTH_FLCN_SEA 23793	19.89 0.27 0.00	18.80 0.37 0.00	18.22 0.39 0.00	17.84 0.35 0.00	18.34 0.36 0.00	18.80 0.31 0.00	20.44 -0.08 0.00	21.10 -0.19 0.00	18.68 -0.21 0.00	17.36 -0.39 0.00	15.98 -0.49 0.00	15.37 -0.54 0.00	14.35 -0.49 0.00	13.91 -0.47 0.00	13.23 -0.48 0.00	12.90 -0.48 0.00	14.42 -0.54 0.00	17.97 -0.52 0.00	20.62 -0.23 0.00	28.13 0.03 0.00	28.99 0.12 0.00	23.81 0.44 0.00	21.65 0.30 0.00	19.48 0.27 0.00
NEG NORTH_KES_CHATEGAY 23792	19.68 0.06 0.00	18.60 0.17 0.00	18.03 0.20 0.00	17.64 0.16 0.00	18.14 0.16 0.00	18.60 0.11 0.00	20.38 -0.14 0.00	21.04 -0.26 0.00	18.62 -0.26 0.00	17.33 -0.43 0.00	15.95 -0.53 0.00	15.33 -0.57 0.00	14.32 -0.52 0.00	13.88 -0.50 0.00	13.21 -0.49 0.00	12.88 -0.51 0.00	14.39 -0.57 0.00	17.94 -0.55 0.00	20.57 -0.27 0.00	28.05 -0.06 0.00	28.90 0.03 0.00	23.57 0.21 0.00	21.43 0.09 0.00	19.29 0.08 0.00
NEG NORTH___ALICE_FALLS 23915	19.89 0.27 0.00	18.80 0.37 0.00	18.22 0.39 0.00	17.84 0.35 0.00	18.36 0.38 0.00	18.80 0.31 0.00	20.52 0.00 0.00	21.19 -0.11 0.00	18.77 -0.11 0.00	17.45 -0.30 0.00	16.05 -0.43 0.00	15.43 -0.48 0.00	14.42 -0.42 0.00	13.97 -0.42 0.00	13.28 -0.42 0.00	12.96 -0.43 0.00	14.48 -0.48 0.00	18.07 -0.43 0.00	20.76 -0.08 0.00	28.30 0.20 0.00	29.16 0.29 0.00	23.88 0.51 0.00	21.69 0.34 0.00	19.52 0.31 0.00
NEG NORTH___LWR_SARANAC 23913	19.89 0.27 0.00	18.80 0.37 0.00	18.22 0.39 0.00	17.84 0.35 0.00	18.36 0.38 0.00	18.80 0.31 0.00	20.52 0.00 0.00	21.19 -0.11 0.00	18.77 -0.11 0.00	17.45 -0.30 0.00	16.05 -0.43 0.00	15.43 -0.48 0.00	14.42 -0.42 0.00	13.97 -0.42 0.00	13.28 -0.42 0.00	12.96 -0.43 0.00	14.48 -0.48 0.00	18.07 -0.43 0.00	20.76 -0.08 0.00	28.30 0.20 0.00	29.16 0.29 0.00	23.88 0.51 0.00	21.69 0.34 0.00	19.52 0.31 0.00
NEG NORTH___PLATTSBURG 23628	19.89 0.27 0.00	18.80 0.37 0.00	18.22 0.39 0.00	17.84 0.35 0.00	18.36 0.38 0.00	18.80 0.31 0.00	20.52 0.00 0.00	21.19 -0.11 0.00	18.77 -0.11 0.00	17.45 -0.30 0.00	16.05 -0.43 0.00	15.43 -0.48 0.00	14.41 -0.43 0.00	13.97 -0.42 0.00	13.28 -0.43 0.00	12.96 -0.43 0.00	14.48 -0.48 0.00	18.07 -0.42 0.00	20.76 -0.08 0.00	28.30 0.20 0.00	29.16 0.29 0.00	23.88 0.51 0.00	21.69 0.34 0.00	19.52 0.31 0.00
NEG WEST_LEA_LOCKPORT 23791	19.48 -0.14 0.00	18.18 -0.26 0.00	17.65 -0.18 0.00	17.31 -0.17 0.00	17.80 -0.18 0.00	18.41 -0.07 0.00	20.23 -0.29 0.00	20.34 -0.96 0.00	18.13 -0.76 0.00	16.92 -0.83 0.00	15.74 -0.74 0.00	15.08 -0.83 0.00	14.13 -0.71 0.00	13.62 -0.76 0.00	12.97 -0.74 0.00	12.68 -0.71 0.00	14.17 -0.79 0.00	17.44 -1.05 0.00	19.99 -0.85 0.00	26.42 -1.69 0.00	27.26 -1.62 0.00	22.31 -1.05 0.00	20.24 -1.11 0.00	18.54 -0.67 0.00
NEG WEST___LANCASTR 23811	20.30 0.69 0.00	18.95 0.52 0.00	18.35 0.52 0.00	18.03 0.54 0.00	18.52 0.54 0.00	19.23 0.74 0.00	21.20 0.68 0.00	21.40 0.11 0.00	19.10 0.21 0.00	17.80 0.05 0.00	16.58 0.10 0.00	15.91 0.00 0.00	14.88 0.04 0.00	14.36 -0.03 0.00	13.67 -0.04 0.00	13.37 -0.01 0.00	14.98 0.01 0.00	18.45 -0.04 0.00	21.14 0.29 0.00	28.08 -0.03 0.00	28.85 -0.03 0.00	23.67 0.30 0.00	21.43 0.09 0.00	19.54 0.33 0.00
NEG_PENN_ALLEGHNY 23528	19.97 0.35 0.00	18.71 0.28 0.00	18.05 0.21 0.00	17.73 0.24 0.00	18.21 0.23 0.00	18.80 0.31 0.00	20.87 0.35 0.00	21.55 0.26 0.00	19.13 0.24 0.00	17.95 0.20 0.00	16.64 0.16 0.00	16.05 0.14 0.00	14.99 0.15 0.00	14.53 0.14 0.00	13.80 0.10 0.00	13.48 0.09 0.00	15.11 0.15 0.00	18.69 0.20 0.00	21.14 0.29 0.00	28.50 0.39 0.00	29.25 0.37 0.00	23.73 0.37 0.00	21.65 0.30 0.00	19.46 0.25 0.00
NEG___GEN_MONROE 24207	19.56 -0.06 0.00	18.31 -0.13 0.00	17.74 -0.09 0.00	17.45 -0.03 0.00	17.94 -0.04 0.00	18.56 0.07 0.00	20.48 -0.04 0.00	20.80 -0.49 0.00	18.42 -0.47 0.00	17.18 -0.57 0.00	15.97 -0.51 0.00	15.32 -0.59 0.00	14.35 -0.49 0.00	13.88 -0.50 0.00	13.19 -0.52 0.00	12.86 -0.52 0.00	14.41 -0.55 0.00	17.77 -0.72 0.00	20.26 -0.58 0.00	27.09 -1.01 0.00	27.92 -0.95 0.00	22.78 -0.58 0.00	20.71 -0.64 0.00	18.81 -0.40 0.00
NEPA___ENERGY 23901	20.13 0.51 0.00	18.77 0.33 0.00	18.17 0.34 0.00	17.85 0.37 0.00	18.34 0.36 0.00	19.06 0.57 0.00	21.03 0.51 0.00	21.32 0.02 0.00	19.02 0.13 0.00	17.73 -0.02 0.00	16.53 0.05 0.00	15.86 -0.05 0.00	14.82 -0.01 0.00	14.30 -0.09 0.00	13.60 -0.11 0.00	13.31 -0.08 0.00	14.90 -0.06 0.00	18.36 -0.13 0.00	21.03 0.19 0.00	27.97 -0.14 0.00	28.70 -0.17 0.00	23.55 0.19 0.00	21.35 0.00 0.00	19.38 0.17 0.00
NEVERSINK___HYD 23608	20.58 0.96 0.00	19.28 0.85 0.00	18.67 0.84 0.00	18.27 0.79 0.00	18.81 0.83 0.00	19.28 0.79 0.00	21.55 1.03 0.00	22.40 1.11 0.00	19.76 0.87 0.00	18.53 0.78 0.00	17.19 0.71 0.00	16.61 0.70 0.00	15.45 0.61 0.00	15.00 0.62 0.00	14.35 0.64 0.00	14.03 0.64 0.00	15.68 0.72 0.00	19.34 0.85 0.00	21.80 0.96 0.00	29.43 1.32 0.00	30.32 1.44 0.00	24.44 1.08 0.00	22.35 1.00 0.00	20.08 0.87 0.00

NEWKRMKL_115KV_TB1 55635	20.23 0.61 0.00	18.99 0.55 0.00	18.37 0.53 0.00	18.01 0.52 0.00	18.52 0.54 0.00	19.02 0.54 0.00	21.12 0.60 0.00	21.93 0.64 0.00	19.45 0.57 0.00	18.32 0.57 0.00	17.04 0.56 0.00	16.45 0.54 0.00	15.33 0.49 0.00	14.88 0.49 0.00	14.17 0.47 0.00	13.87 0.48 0.00	15.49 0.52 0.00	19.10 0.61 0.00	21.51 0.67 0.00	29.03 0.93 0.00	29.80 0.92 0.00	24.04 0.68 0.00	22.05 0.70 0.00	19.83 0.61 0.00
NEWTON___FALLS_HYD 23847	19.17 -0.45 0.00	18.01 -0.42 0.00	17.42 -0.41 0.00	17.07 -0.42 0.00	17.55 -0.43 0.00	18.06 -0.43 0.00	19.95 -0.57 0.00	20.70 -0.60 0.00	18.32 -0.57 0.00	17.11 -0.64 0.00	15.84 -0.64 0.00	15.25 -0.65 0.00	14.22 -0.62 0.00	13.78 -0.60 0.00	13.11 -0.60 0.00	12.81 -0.58 0.00	14.35 -0.61 0.00	17.84 -0.65 0.00	20.28 -0.56 0.00	27.54 -0.56 0.00	28.35 -0.52 0.00	22.97 -0.40 0.00	20.94 -0.41 0.00	18.79 -0.42 0.00
NGRID_A1_DSASP 323792	19.15 -0.47 0.00	17.94 -0.50 0.00	17.31 -0.52 0.00	17.00 -0.49 0.00	17.46 -0.52 0.00	18.02 -0.46 0.00	19.80 -0.72 0.00	19.89 -1.41 0.00	17.73 -1.15 0.00	16.56 -1.19 0.00	15.41 -1.07 0.00	14.78 -1.13 0.00	13.88 -0.96 0.00	13.45 -0.93 0.00	12.71 -1.00 0.00	12.42 -0.96 0.00	13.87 -1.09 0.00	17.07 -1.42 0.00	19.53 -1.31 0.00	25.80 -2.30 0.00	26.59 -2.28 0.00	21.77 -1.59 0.00	19.81 -1.54 0.00	18.14 -1.08 0.00
NGRID_A2_DSASP 323793	19.15 -0.47 0.00	17.94 -0.50 0.00	17.31 -0.52 0.00	17.00 -0.49 0.00	17.46 -0.52 0.00	18.02 -0.46 0.00	19.80 -0.72 0.00	19.89 -1.41 0.00	17.73 -1.15 0.00	16.56 -1.19 0.00	15.41 -1.07 0.00	14.78 -1.13 0.00	13.88 -0.96 0.00	13.45 -0.93 0.00	12.71 -1.00 0.00	12.42 -0.96 0.00	13.87 -1.09 0.00	17.07 -1.42 0.00	19.53 -1.31 0.00	25.80 -2.30 0.00	26.59 -2.28 0.00	21.77 -1.59 0.00	19.81 -1.54 0.00	18.14 -1.08 0.00
NGRID_A4_DSASP 323807	19.15 -0.47 0.00	17.94 -0.50 0.00	17.31 -0.52 0.00	17.00 -0.49 0.00	17.46 -0.52 0.00	18.02 -0.46 0.00	19.80 -0.72 0.00	19.89 -1.41 0.00	17.73 -1.15 0.00	16.56 -1.19 0.00	15.41 -1.07 0.00	14.78 -1.13 0.00	13.88 -0.96 0.00	13.45 -0.93 0.00	12.71 -1.00 0.00	12.42 -0.96 0.00	13.87 -1.09 0.00	17.07 -1.42 0.00	19.53 -1.31 0.00	25.80 -2.30 0.00	26.59 -2.28 0.00	21.77 -1.59 0.00	19.81 -1.54 0.00	18.14 -1.08 0.00
NIAGARA_115E_LBMP 323715	19.23 -0.39 0.00	17.99 -0.44 0.00	17.33 -0.50 0.00	17.12 -0.37 0.00	17.57 -0.41 0.00	18.08 -0.41 0.00	19.88 -0.64 0.00	19.95 -1.34 0.00	17.81 -1.08 0.00	16.62 -1.14 0.00	15.47 -1.01 0.00	14.82 -1.08 0.00	13.92 -0.92 0.00	13.49 -0.89 0.00	12.75 -0.96 0.00	12.46 -0.92 0.00	13.93 -1.03 0.00	17.14 -1.35 0.00	19.62 -1.23 0.00	25.94 -2.16 0.00	26.74 -2.14 0.00	21.89 -1.47 0.00	19.90 -1.45 0.00	18.21 -1.00 0.00
NIAGARA_115W_LBMP 323714	19.11 -0.51 0.00	17.88 -0.55 0.00	17.28 -0.55 0.00	16.96 -0.52 0.00	17.40 -0.58 0.00	17.97 -0.52 0.00	19.76 -0.76 0.00	19.82 -1.47 0.00	17.70 -1.19 0.00	16.53 -1.22 0.00	15.37 -1.10 0.00	14.73 -1.18 0.00	13.83 -1.01 0.00	13.42 -0.96 0.00	12.68 -1.03 0.00	12.40 -0.99 0.00	13.84 -1.12 0.00	17.03 -1.46 0.00	19.47 -1.38 0.00	25.75 -2.36 0.00	26.51 -2.37 0.00	21.73 -1.64 0.00	19.75 -1.60 0.00	18.08 -1.13 0.00
NIAGARA_230_LBMP 323716	19.38 -0.23 0.00	18.14 -0.30 0.00	17.47 -0.36 0.00	17.21 -0.28 0.00	17.67 -0.31 0.00	18.25 -0.24 0.00	20.07 -0.45 0.00	20.16 -1.13 0.00	18.00 -0.89 0.00	16.81 -0.94 0.00	15.64 -0.84 0.00	15.00 -0.91 0.00	14.07 -0.77 0.00	13.65 -0.73 0.00	12.90 -0.81 0.00	12.61 -0.78 0.00	14.08 -0.88 0.00	17.33 -1.16 0.00	19.82 -1.02 0.00	26.22 -1.88 0.00	27.00 -1.88 0.00	22.12 -1.24 0.00	20.11 -1.24 0.00	18.39 -0.83 0.00
NIAGARA___115KV_198_GIBSON 55903	19.03 -0.59 0.00	17.75 -0.68 0.00	17.22 -0.61 0.00	16.98 -0.51 0.00	17.44 -0.54 0.00	17.99 -0.50 0.00	19.76 -0.76 0.00	19.82 -1.47 0.00	17.70 -1.19 0.00	16.53 -1.22 0.00	15.37 -1.10 0.00	14.73 -1.18 0.00	13.80 -1.04 0.00	13.32 -1.06 0.00	12.68 -1.03 0.00	12.40 -0.99 0.00	13.84 -1.12 0.00	17.03 -1.46 0.00	19.47 -1.38 0.00	25.72 -2.39 0.00	26.51 -2.37 0.00	21.73 -1.64 0.00	19.70 -1.64 0.00	18.08 -1.13 0.00
NIAGARA___ 23760	19.38 -0.23 0.00	18.14 -0.30 0.00	17.47 -0.36 0.00	17.21 -0.28 0.00	17.67 -0.31 0.00	18.25 -0.24 0.00	20.07 -0.45 0.00	20.16 -1.13 0.00	18.00 -0.89 0.00	16.81 -0.94 0.00	15.64 -0.84 0.00	15.00 -0.91 0.00	14.07 -0.77 0.00	13.65 -0.73 0.00	12.90 -0.81 0.00	12.61 -0.78 0.00	14.08 -0.88 0.00	17.33 -1.16 0.00	19.82 -1.02 0.00	26.22 -1.88 0.00	27.00 -1.88 0.00	22.12 -1.24 0.00	20.11 -1.24 0.00	18.39 -0.83 0.00
NINE_MILE_1 23575	19.11 -0.51 0.00	17.92 -0.52 0.00	17.33 -0.50 0.00	17.00 -0.49 0.00	17.48 -0.50 0.00	17.99 -0.50 0.00	19.95 -0.57 0.00	20.63 -0.66 0.00	18.32 -0.57 0.00	17.20 -0.55 0.00	15.97 -0.51 0.00	15.40 -0.51 0.00	14.38 -0.46 0.00	13.94 -0.45 0.00	13.27 -0.44 0.00	12.95 -0.44 0.00	14.48 -0.48 0.00	17.90 -0.59 0.00	20.16 -0.69 0.00	27.15 -0.96 0.00	27.89 -0.98 0.00	22.59 -0.77 0.00	20.62 -0.73 0.00	18.58 -0.63 0.00
NINE_MILE_2 23744	19.11 -0.51 0.00	17.94 -0.50 0.00	17.33 -0.50 0.00	17.00 -0.49 0.00	17.48 -0.50 0.00	17.99 -0.50 0.00	19.95 -0.57 0.00	20.63 -0.66 0.00	18.32 -0.57 0.00	17.20 -0.55 0.00	15.97 -0.51 0.00	15.40 -0.51 0.00	14.38 -0.46 0.00	13.94 -0.45 0.00	13.27 -0.44 0.00	12.95 -0.44 0.00	14.48 -0.48 0.00	17.90 -0.59 0.00	20.16 -0.69 0.00	27.15 -0.96 0.00	27.89 -0.98 0.00	22.59 -0.77 0.00	20.62 -0.73 0.00	18.58 -0.63 0.00
NM_CAPITAL___DRP 24208	20.15 0.53 0.00	18.93 0.50 0.00	18.29 0.46 0.00	17.94 0.45 0.00	18.46 0.49 0.00	18.95 0.46 0.00	21.03 0.51 0.00	21.85 0.55 0.00	19.40 0.51 0.00	18.27 0.51 0.00	16.99 0.51 0.00	16.40 0.49 0.00	15.28 0.45 0.00	14.83 0.45 0.00	14.13 0.42 0.00	13.83 0.44 0.00	15.44 0.48 0.00	19.05 0.55 0.00	21.45 0.60 0.00	28.92 0.82 0.00	29.68 0.81 0.00	23.95 0.58 0.00	21.97 0.62 0.00	19.75 0.54 0.00
NM_CENTRAL___DRP 24181	19.46 -0.16 0.00	18.25 -0.18 0.00	17.65 -0.18 0.00	17.31 -0.17 0.00	17.80 -0.18 0.00	18.34 -0.15 0.00	20.34 -0.18 0.00	21.04 -0.26 0.00	18.66 -0.23 0.00	17.52 -0.23 0.00	16.26 -0.21 0.00	15.68 -0.22 0.00	14.65 -0.19 0.00	14.18 -0.20 0.00	13.52 -0.19 0.00	13.19 -0.20 0.00	14.77 -0.19 0.00	18.25 -0.24 0.00	20.57 -0.27 0.00	27.74 -0.37 0.00	28.50 -0.38 0.00	23.08 -0.28 0.00	21.05 -0.30 0.00	18.96 -0.25 0.00
NM_FRONTIER___DRP 24179	19.03 -0.59 0.00	17.75 -0.68 0.00	17.22 -0.61 0.00	16.98 -0.51 0.00	17.44 -0.54 0.00	17.99 -0.50 0.00	19.76 -0.76 0.00	19.82 -1.47 0.00	17.70 -1.19 0.00	16.53 -1.22 0.00	15.37 -1.10 0.00	14.73 -1.18 0.00	13.80 -1.04 0.00	13.32 -1.06 0.00	12.68 -1.03 0.00	12.40 -0.99 0.00	13.84 -1.12 0.00	17.03 -1.46 0.00	19.47 -1.38 0.00	25.72 -2.39 0.00	26.51 -2.37 0.00	21.73 -1.64 0.00	19.70 -1.64 0.00	18.08 -1.13 0.00

NM_ST_REGIS___HYD 24053	19.09 -0.53 0.00	17.99 -0.44 0.00	17.42 -0.41 0.00	17.07 -0.42 0.00	17.56 -0.41 0.00	18.04 -0.44 0.00	19.93 -0.60 0.00	20.66 -0.64 0.00	18.32 -0.57 0.00	17.09 -0.66 0.00	15.79 -0.69 0.00	15.19 -0.72 0.00	14.20 -0.64 0.00	13.75 -0.63 0.00	13.09 -0.62 0.00	12.78 -0.60 0.00	14.29 -0.67 0.00	17.75 -0.74 0.00	20.22 -0.63 0.00	27.46 -0.65 0.00	28.24 -0.64 0.00	22.92 -0.44 0.00	20.90 -0.45 0.00	18.77 -0.44 0.00
NORTHPORT___1 23551	20.80 1.18 0.00	19.45 1.01 0.00	18.76 0.93 0.00	18.36 0.87 0.00	18.84 0.86 0.00	19.36 0.87 0.00	23.97 1.27 -2.17	25.18 1.47 -2.42	19.93 1.04 0.00	18.73 0.98 0.00	17.29 0.81 0.00	16.67 0.76 0.00	15.51 0.67 0.00	15.06 0.68 0.00	14.50 0.79 0.00	14.19 0.80 0.00	15.93 0.97 0.00	19.77 1.27 0.00	22.43 1.58 0.00	29.93 1.83 0.00	30.78 1.91 0.00	25.25 1.59 -0.29	22.95 1.58 -0.02	20.38 1.17 0.00
NORTHPORT___2 23552	20.80 1.18 0.00	19.45 1.01 0.00	18.76 0.93 0.00	18.36 0.87 0.00	18.84 0.86 0.00	19.36 0.87 0.00	23.97 1.27 -2.17	25.18 1.47 -2.42	19.93 1.04 0.00	18.73 0.98 0.00	17.29 0.81 0.00	16.67 0.76 0.00	15.51 0.67 0.00	15.06 0.68 0.00	14.50 0.79 0.00	14.19 0.80 0.00	15.93 0.97 0.00	19.77 1.27 0.00	22.43 1.58 0.00	29.93 1.83 0.00	30.78 1.91 0.00	25.25 1.59 -0.29	22.95 1.58 -0.02	20.38 1.17 0.00
NORTHPORT___3 23553	20.54 0.92 0.00	19.21 0.77 0.00	18.53 0.69 0.00	18.12 0.63 0.00	18.61 0.63 0.00	19.11 0.63 0.00	23.72 1.03 -2.17	24.97 1.26 -2.42	19.72 0.83 0.00	18.53 0.78 0.00	17.12 0.64 0.00	16.51 0.60 0.00	15.37 0.53 0.00	14.92 0.53 0.00	14.37 0.66 0.00	14.04 0.66 0.00	15.78 0.82 0.00	19.56 1.07 0.00	22.18 1.34 0.00	29.40 1.29 0.00	30.14 1.27 0.00	24.94 1.28 -0.29	22.67 1.30 -0.02	20.15 0.94 0.00
NORTHPORT___4 23650	20.54 0.92 0.00	19.21 0.77 0.00	18.53 0.69 0.00	18.12 0.63 0.00	18.61 0.63 0.00	19.11 0.63 0.00	23.72 1.03 -2.17	24.97 1.26 -2.42	19.72 0.83 0.00	18.53 0.78 0.00	17.12 0.64 0.00	16.51 0.60 0.00	15.37 0.53 0.00	14.92 0.53 0.00	14.37 0.66 0.00	14.04 0.66 0.00	15.78 0.82 0.00	19.56 1.07 0.00	22.18 1.34 0.00	29.40 1.29 0.00	30.14 1.27 0.00	24.94 1.28 -0.29	22.67 1.30 -0.02	20.15 0.94 0.00
NORTHPORT___IC 23718	20.80 1.18 0.00	19.51 1.07 0.00	18.76 0.93 0.00	18.36 0.87 0.00	18.84 0.86 0.00	19.35 0.87 0.00	23.97 1.27 -2.17	25.18 1.47 -2.42	19.93 1.04 0.00	18.73 0.98 0.00	17.29 0.81 0.00	16.67 0.76 0.00	15.67 0.83 0.00	15.22 0.83 0.00	14.50 0.80 0.00	14.19 0.80 0.00	15.93 0.97 0.00	19.77 1.28 0.00	22.43 1.58 0.00	29.99 1.88 0.00	30.87 1.99 0.00	25.25 1.59 -0.29	22.93 1.56 -0.02	20.38 1.17 0.00
NORTH___COUNTRY_ESR 323785	19.62 0.00 0.00	18.55 0.11 0.00	17.97 0.14 0.00	17.59 0.11 0.00	18.09 0.11 0.00	18.54 0.06 0.00	20.32 -0.21 0.00	20.98 -0.32 0.00	18.57 -0.32 0.00	17.29 -0.46 0.00	15.93 -0.54 0.00	15.32 -0.59 0.00	14.31 -0.53 0.00	13.85 -0.53 0.00	13.19 -0.52 0.00	12.86 -0.52 0.00	14.36 -0.60 0.00	17.90 -0.59 0.00	20.51 -0.33 0.00	27.97 -0.14 0.00	28.79 -0.09 0.00	23.48 0.12 0.00	21.35 0.00 0.00	19.21 0.00 0.00
NPX_GEN_1385_PROXY 323591	20.80 1.18 0.00	19.45 1.01 0.00	18.76 0.93 0.00	18.36 0.87 0.00	18.84 0.86 0.00	19.36 0.87 0.00	23.91 1.21 -2.17	25.12 1.41 -2.42	19.93 1.04 0.00	18.73 0.98 0.00	17.29 0.81 0.00	16.67 0.76 0.00	15.51 0.67 0.00	15.06 0.68 0.00	14.49 0.78 0.00	14.18 0.79 0.00	15.86 0.90 0.00	19.68 1.18 0.00	22.39 1.54 0.00	31.26 1.83 -1.32	29.46 1.91 1.32	25.25 1.59 -0.29	22.82 1.45 -0.02	20.33 1.11 0.00
NPX_GEN_CSC 323557	21.07 1.45 0.00	19.74 1.31 0.00	19.03 1.19 0.00	18.61 1.12 0.00	19.09 1.12 0.00	19.63 1.15 0.00	24.23 1.54 -2.17	25.42 1.70 -2.42	20.17 1.28 0.00	18.92 1.17 0.00	17.42 0.94 0.00	16.78 0.87 0.00	15.60 0.76 0.00	15.13 0.75 0.00	14.59 0.88 0.00	14.27 0.88 0.00	16.10 1.14 0.00	20.01 1.52 0.00	22.72 1.88 0.00	31.71 2.28 -1.32	29.95 2.40 1.32	25.53 1.87 -0.29	23.31 1.94 -0.02	20.61 1.40 0.00
NSINS_S_GLNS_FALLS 23858	20.27 0.65 0.00	18.97 0.53 0.00	18.37 0.53 0.00	17.98 0.49 0.00	18.54 0.56 0.00	19.08 0.59 0.00	21.18 0.66 0.00	22.00 0.70 0.00	19.53 0.64 0.00	18.32 0.57 0.00	16.96 0.48 0.00	16.37 0.46 0.00	15.23 0.39 0.00	14.76 0.37 0.00	14.08 0.37 0.00	13.77 0.39 0.00	15.40 0.43 0.00	19.05 0.55 0.00	21.57 0.73 0.00	29.17 1.07 0.00	30.00 1.13 0.00	24.18 0.82 0.00	22.10 0.75 0.00	19.81 0.60 0.00
NUCOR_STEEL___DRP 24197	19.74 0.12 0.00	18.53 0.09 0.00	17.90 0.07 0.00	17.54 0.05 0.00	18.05 0.07 0.00	18.62 0.13 0.00	20.66 0.14 0.00	21.36 0.06 0.00	18.94 0.06 0.00	17.75 0.00 0.00	16.46 -0.02 0.00	15.87 -0.03 0.00	14.82 -0.01 0.00	14.34 -0.04 0.00	13.65 -0.05 0.00	13.32 -0.07 0.00	14.93 -0.03 0.00	18.47 -0.02 0.00	20.85 0.00 0.00	28.16 0.06 0.00	28.93 0.06 0.00	23.46 0.09 0.00	21.37 0.02 0.00	19.23 0.02 0.00
NUMBER_THREE_WT_PWR 323818	19.68 0.06 0.00	18.45 0.02 0.00	17.85 0.02 0.00	17.49 0.00 0.00	17.96 -0.02 0.00	18.52 0.04 0.00	20.50 -0.02 0.00	21.25 -0.04 0.00	18.79 -0.09 0.00	17.57 -0.18 0.00	16.28 -0.20 0.00	15.68 -0.22 0.00	14.60 -0.24 0.00	14.14 -0.24 0.00	13.46 -0.25 0.00	13.15 -0.24 0.00	14.75 -0.21 0.00	18.34 -0.15 0.00	20.85 0.00 0.00	28.33 0.22 0.00	29.13 0.26 0.00	23.55 0.19 0.00	21.48 0.13 0.00	19.27 0.06 0.00
NYISO_LBMP_REFERENCE 24008	19.62 0.00 0.00	18.44 0.00 0.00	17.83 0.00 0.00	17.49 0.00 0.00	17.98 0.00 0.00	18.49 0.00 0.00	20.52 0.00 0.00	21.29 0.00 0.00	18.89 0.00 0.00	17.75 0.00 0.00	16.48 0.00 0.00	15.91 0.00 0.00	14.84 0.00 0.00	14.39 0.00 0.00	13.71 0.00 0.00	13.39 0.00 0.00	14.96 0.00 0.00	18.49 0.00 0.00	20.85 0.00 0.00	28.11 0.00 0.00	28.87 0.00 0.00	23.36 0.00 0.00	21.35 0.00 0.00	19.21 0.00 0.00
NYPA_BRENTWD____GT 24164	20.97 1.35 0.00	19.62 1.18 0.00	18.90 1.07 0.00	18.50 1.01 0.00	18.98 1.01 0.00	19.52 1.03 0.00	24.15 1.46 -2.17	25.36 1.64 -2.42	20.08 1.19 0.00	18.85 1.10 0.00	17.38 0.91 0.00	16.76 0.86 0.00	15.58 0.74 0.00	15.13 0.75 0.00	14.57 0.86 0.00	14.26 0.87 0.00	16.05 1.09 0.00	19.91 1.42 0.00	22.62 1.77 0.00	30.22 2.11 0.00	31.10 2.22 0.00	25.48 1.82 -0.29	23.16 1.79 -0.02	20.56 1.34 0.00
NYPA_GOWANUS____GT5 24156	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01

NYPA_GOWANUS____GT6 24157	20.57 0.94 -0.01	19.25 0.81 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.78 1.29 0.00	22.18 1.34 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.68 1.32 -0.01	20.37 1.15 -0.01
NYPA_HARLEM__RVR__GT1 24160	20.59 0.96 -0.01	19.29 0.85 -0.01	18.73 0.89 -0.01	18.35 0.86 -0.01	18.87 0.88 -0.01	19.34 0.85 -0.01	21.59 1.07 0.00	22.44 1.15 0.00	19.79 0.91 0.01	18.82 1.05 -0.02	17.52 1.02 -0.02	16.95 1.02 -0.02	15.80 0.94 -0.02	15.30 0.89 -0.02	14.66 0.93 -0.02	14.36 0.95 -0.02	16.00 1.02 -0.02	19.73 1.22 -0.02	22.02 1.19 0.01	29.56 1.46 0.01	30.48 1.62 0.01	24.44 1.08 0.00	22.59 1.24 -0.01	20.33 1.11 -0.01
NYPA_HARLEM__RVR__GT2 24161	20.59 0.96 -0.01	19.29 0.85 -0.01	18.73 0.89 -0.01	18.35 0.86 -0.01	18.87 0.88 -0.01	19.34 0.85 -0.01	21.59 1.07 0.00	22.44 1.15 0.00	19.79 0.91 0.01	18.82 1.05 -0.02	17.52 1.02 -0.02	16.95 1.02 -0.02	15.80 0.94 -0.02	15.30 0.89 -0.02	14.66 0.93 -0.02	14.36 0.95 -0.02	16.00 1.02 -0.02	19.73 1.22 -0.02	22.02 1.19 0.01	29.56 1.46 0.01	30.48 1.62 0.01	24.44 1.08 0.00	22.59 1.24 -0.01	20.33 1.11 -0.01
NYPA_KENT____GT 24152	20.55 0.92 -0.01	19.24 0.79 -0.01	18.66 0.82 -0.01	18.28 0.79 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.46 1.17 0.00	19.85 0.96 0.00	18.82 1.07 0.00	17.53 1.06 0.00	16.96 1.05 0.00	15.80 0.96 0.00	15.31 0.92 0.00	14.67 0.96 0.00	14.38 0.99 0.00	16.01 1.05 0.00	19.77 1.27 0.00	22.14 1.29 0.00	29.74 1.63 0.00	30.64 1.76 0.00	24.58 1.21 0.00	22.64 1.28 -0.01	20.35 1.13 -0.01
NYPA_POUCH1____GT 24155	20.59 0.96 -0.01	19.27 0.83 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.81 0.83 -0.01	19.29 0.79 -0.01	21.59 1.07 0.00	22.51 1.21 0.00	19.85 0.96 0.00	18.82 1.07 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.82 0.98 0.00	15.32 0.93 0.00	14.70 0.99 0.00	14.40 1.02 0.00	16.04 1.08 0.00	19.80 1.31 0.00	22.20 1.35 0.00	29.82 1.71 0.00	30.78 1.91 0.00	24.67 1.31 0.00	22.74 1.39 -0.01	20.39 1.17 -0.01
NYPA_VERNON____GT2 24162	20.55 0.92 -0.01	19.24 0.79 -0.01	18.66 0.82 -0.01	18.28 0.79 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.51 0.98 0.00	22.46 1.17 0.00	19.85 0.96 0.00	18.82 1.07 0.00	17.52 1.04 0.00	16.94 1.03 0.00	15.79 0.95 0.00	15.29 0.91 0.00	14.65 0.95 0.00	14.35 0.96 0.00	15.99 1.03 0.00	19.73 1.24 0.00	22.10 1.25 0.00	29.68 1.57 0.00	30.58 1.70 0.00	24.53 1.17 0.00	22.60 1.24 -0.01	20.31 1.09 -0.01
NYPA_VERNON____GT3 24163	20.55 0.92 -0.01	19.24 0.79 -0.01	18.66 0.82 -0.01	18.28 0.79 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.51 0.98 0.00	22.46 1.17 0.00	19.85 0.96 0.00	18.82 1.07 0.00	17.52 1.04 0.00	16.94 1.03 0.00	15.79 0.95 0.00	15.29 0.91 0.00	14.65 0.95 0.00	14.35 0.96 0.00	15.99 1.03 0.00	19.73 1.24 0.00	22.10 1.25 0.00	29.68 1.57 0.00	30.58 1.70 0.00	24.53 1.17 0.00	22.60 1.24 -0.01	20.31 1.09 -0.01
NYPA__ASTORIA_CC1 323568	20.55 0.92 -0.01	19.24 0.79 -0.01	18.66 0.82 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.51 0.98 0.00	22.44 1.15 0.00	19.83 0.94 0.00	18.80 1.05 0.00	17.52 1.04 0.00	16.94 1.03 0.00	15.78 0.94 0.00	15.29 0.91 0.00	14.64 0.93 0.00	14.35 0.96 0.00	15.98 1.02 0.00	19.71 1.22 0.00	22.07 1.23 0.00	29.65 1.54 0.00	30.55 1.67 0.00	24.53 1.17 0.00	22.59 1.24 -0.01	20.33 1.11 -0.01
NYPA__ASTORIA_CC2 323569	20.55 0.92 -0.01	19.24 0.79 -0.01	18.66 0.82 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.51 0.98 0.00	22.44 1.15 0.00	19.83 0.94 0.00	18.80 1.05 0.00	17.52 1.04 0.00	16.94 1.03 0.00	15.78 0.94 0.00	15.29 0.91 0.00	14.64 0.93 0.00	14.35 0.96 0.00	15.98 1.02 0.00	19.71 1.22 0.00	22.07 1.23 0.00	29.65 1.54 0.00	30.55 1.67 0.00	24.53 1.17 0.00	22.59 1.24 -0.01	20.33 1.11 -0.01
NYPA__HOLTSVILL 23794	20.91 1.29 0.00	19.58 1.14 0.00	18.86 1.03 0.00	18.47 0.98 0.00	18.95 0.97 0.00	19.47 0.98 0.00	24.07 1.38 -2.17	25.27 1.55 -2.42	20.02 1.13 0.00	18.80 1.05 0.00	17.32 0.84 0.00	16.70 0.79 0.00	15.52 0.68 0.00	15.08 0.69 0.00	14.52 0.81 0.00	14.22 0.83 0.00	16.01 1.05 0.00	19.86 1.37 0.00	22.55 1.71 0.00	30.10 2.00 0.00	30.98 2.11 0.00	25.36 1.70 -0.29	23.10 1.73 -0.02	20.50 1.29 0.00
NYPA____HELLGATE_GT1 24158	20.59 0.96 -0.01	19.29 0.85 -0.01	18.73 0.89 -0.01	18.35 0.86 -0.01	18.87 0.88 -0.01	19.34 0.85 -0.01	21.59 1.07 0.00	22.44 1.15 0.00	19.79 0.91 0.01	18.79 1.05 0.01	17.49 1.02 0.01	16.92 1.02 0.01	15.77 0.94 0.01	15.27 0.89 0.01	14.63 0.93 0.01	14.33 0.95 0.01	15.97 1.02 0.01	19.70 1.22 0.01	22.02 1.19 0.01	29.56 1.46 0.01	30.48 1.62 0.01	24.44 1.08 0.00	22.59 1.24 -0.01	20.33 1.11 -0.01
NYPA____HELLGATE_GT2 24159	20.59 0.96 -0.01	19.29 0.85 -0.01	18.73 0.89 -0.01	18.35 0.86 -0.01	18.87 0.88 -0.01	19.34 0.85 -0.01	21.59 1.07 0.00	22.44 1.15 0.00	19.79 0.91 0.01	18.79 1.05 0.01	17.49 1.02 0.01	16.92 1.02 0.01	15.77 0.94 0.01	15.27 0.89 0.01	14.63 0.93 0.01	14.33 0.95 0.01	15.97 1.02 0.01	19.70 1.22 0.01	22.02 1.19 0.01	29.56 1.46 0.01	30.48 1.62 0.01	24.44 1.08 0.00	22.59 1.24 -0.01	20.33 1.11 -0.01
NYS_BARGE__HYD 23848	19.56 -0.06 0.00	18.29 -0.15 0.00	17.62 -0.21 0.00	17.38 -0.10 0.00	17.83 -0.14 0.00	18.38 -0.11 0.00	20.23 -0.29 0.00	20.31 -0.98 0.00	18.11 -0.78 0.00	16.90 -0.85 0.00	15.72 -0.76 0.00	15.06 -0.84 0.00	14.14 -0.70 0.00	13.72 -0.66 0.00	12.97 -0.74 0.00	12.68 -0.71 0.00	14.15 -0.81 0.00	17.42 -1.07 0.00	19.99 -0.86 0.00	26.45 -1.66 0.00	27.26 -1.62 0.00	22.31 -1.05 0.00	20.26 -1.09 0.00	18.54 -0.67 0.00
OAK ORCHARD__HYD 24046	19.58 -0.04 0.00	18.33 -0.11 0.00	17.67 -0.16 0.00	17.38 -0.10 0.00	17.85 -0.12 0.00	18.41 -0.07 0.00	20.34 -0.19 0.00	20.74 -0.55 0.00	18.43 -0.45 0.00	17.24 -0.52 0.00	16.02 -0.46 0.00	15.40 -0.51 0.00	14.44 -0.40 0.00	14.00 -0.39 0.00	13.24 -0.47 0.00	12.92 -0.47 0.00	14.47 -0.49 0.00	17.83 -0.66 0.00	20.30 -0.54 0.00	27.15 -0.96 0.00	27.98 -0.90 0.00	22.78 -0.58 0.00	20.71 -0.64 0.00	18.77 -0.44 0.00
OAKDALE__35_KV_LOAD 356122	19.91 0.29 0.00	18.66 0.22 0.00	18.03 0.20 0.00	17.71 0.23 0.00	18.19 0.22 0.00	18.78 0.30 0.00	20.85 0.33 0.00	21.53 0.23 0.00	19.11 0.23 0.00	17.93 0.18 0.00	16.64 0.16 0.00	16.05 0.14 0.00	14.97 0.13 0.00	14.50 0.12 0.00	13.80 0.10 0.00	13.48 0.09 0.00	15.10 0.13 0.00	18.68 0.18 0.00	21.12 0.27 0.00	28.44 0.34 0.00	29.19 0.32 0.00	23.71 0.35 0.00	21.60 0.26 0.00	19.44 0.23 0.00

OCC_CHEM___DRP 24175	19.07 -0.55 0.00	17.81 -0.63 0.00	17.26 -0.57 0.00	17.02 -0.47 0.00	17.49 -0.49 0.00	18.04 -0.44 0.00	19.80 -0.72 0.00	19.89 -1.41 0.00	17.74 -1.15 0.00	16.56 -1.19 0.00	15.41 -1.07 0.00	14.78 -1.13 0.00	13.85 -0.99 0.00	13.35 -1.04 0.00	12.71 -1.00 0.00	12.42 -0.96 0.00	13.87 -1.09 0.00	17.07 -1.42 0.00	19.53 -1.31 0.00	25.77 -2.33 0.00	26.59 -2.28 0.00	21.77 -1.59 0.00	19.77 -1.58 0.00	18.14 -1.08 0.00
OH_GEN_PROXY 24063	19.40 -0.22 0.00	18.18 -0.26 0.00	17.49 -0.34 0.00	17.23 -0.26 0.00	17.69 -0.29 0.00	18.26 -0.22 0.00	20.09 -0.43 0.00	20.25 -1.04 0.00	18.06 -0.83 0.00	16.86 -0.89 0.00	15.69 -0.79 0.00	15.05 -0.86 0.00	14.11 -0.73 0.00	13.70 -0.69 0.00	12.94 -0.77 0.00	12.65 -0.74 0.00	14.14 -0.82 0.00	17.40 -1.09 0.00	19.89 -0.96 0.00	27.66 -1.77 -1.32	25.79 -1.76 1.32	22.19 -1.17 0.00	20.17 -1.17 0.00	18.42 -0.79 0.00
OLIN_CORP_DRP 24177	19.19 -0.43 0.00	17.90 -0.53 0.00	17.40 -0.43 0.00	17.07 -0.42 0.00	17.53 -0.45 0.00	18.13 -0.35 0.00	19.93 -0.60 0.00	20.02 -1.28 0.00	17.85 -1.04 0.00	16.65 -1.10 0.00	15.51 -0.97 0.00	14.86 -1.05 0.00	13.92 -0.92 0.00	13.42 -0.96 0.00	12.78 -0.93 0.00	12.50 -0.88 0.00	13.96 -1.00 0.00	17.18 -1.31 0.00	19.68 -1.17 0.00	25.97 -2.14 0.00	26.80 -2.08 0.00	21.94 -1.43 0.00	19.90 -1.45 0.00	18.25 -0.96 0.00
OLIN_CORP_DSASP 323712	19.15 -0.47 0.00	17.94 -0.50 0.00	17.31 -0.52 0.00	17.00 -0.49 0.00	17.46 -0.52 0.00	18.02 -0.46 0.00	19.80 -0.72 0.00	19.89 -1.41 0.00	17.73 -1.15 0.00	16.56 -1.19 0.00	15.41 -1.07 0.00	14.78 -1.13 0.00	13.88 -0.96 0.00	13.45 -0.93 0.00	12.71 -1.00 0.00	12.42 -0.96 0.00	13.87 -1.09 0.00	17.07 -1.42 0.00	19.53 -1.31 0.00	25.80 -2.30 0.00	26.59 -2.28 0.00	21.77 -1.59 0.00	19.81 -1.54 0.00	18.14 -1.08 0.00
ONEIDA_HERK_LFGE 323681	19.95 0.33 0.00	18.73 0.29 0.00	18.10 0.27 0.00	17.75 0.26 0.00	18.23 0.25 0.00	18.78 0.29 0.00	20.85 0.33 0.00	21.63 0.34 0.00	19.17 0.28 0.00	17.97 0.21 0.00	16.66 0.18 0.00	16.07 0.16 0.00	14.96 0.12 0.00	14.50 0.11 0.00	13.80 0.10 0.00	13.49 0.11 0.00	15.11 0.15 0.00	18.73 0.24 0.00	21.20 0.35 0.00	28.70 0.59 0.00	29.51 0.63 0.00	23.85 0.49 0.00	21.75 0.40 0.00	19.54 0.33 0.00
ONEIDA___115KV_TB4 55905	20.17 0.55 0.00	18.92 0.48 0.00	18.29 0.46 0.00	17.94 0.45 0.00	18.43 0.45 0.00	18.99 0.50 0.00	21.07 0.55 0.00	21.85 0.55 0.00	19.36 0.47 0.00	18.16 0.41 0.00	16.84 0.36 0.00	16.24 0.33 0.00	15.14 0.30 0.00	14.67 0.29 0.00	13.98 0.27 0.00	13.64 0.25 0.00	15.29 0.33 0.00	18.93 0.44 0.00	21.41 0.56 0.00	28.95 0.84 0.00	29.77 0.90 0.00	24.06 0.70 0.00	21.95 0.60 0.00	19.73 0.52 0.00
ONONDAGA_REF_OCCRA 23987	19.58 -0.04 0.00	18.34 -0.09 0.00	17.74 -0.09 0.00	17.40 -0.09 0.00	17.89 -0.09 0.00	18.43 -0.06 0.00	20.46 -0.06 0.00	21.17 -0.13 0.00	18.77 -0.11 0.00	17.63 -0.12 0.00	16.36 -0.12 0.00	15.76 -0.14 0.00	14.72 -0.12 0.00	14.27 -0.12 0.00	13.58 -0.12 0.00	13.25 -0.13 0.00	14.84 -0.12 0.00	18.36 -0.13 0.00	20.70 -0.15 0.00	27.94 -0.17 0.00	28.70 -0.17 0.00	23.27 -0.09 0.00	21.20 -0.15 0.00	19.08 -0.13 0.00
ONONDAGA___COGEN 23986	19.58 -0.04 0.00	18.34 -0.09 0.00	17.74 -0.09 0.00	17.42 -0.07 0.00	17.89 -0.09 0.00	18.45 -0.04 0.00	20.46 -0.06 0.00	21.17 -0.13 0.00	18.77 -0.11 0.00	17.65 -0.11 0.00	16.36 -0.12 0.00	15.78 -0.13 0.00	14.74 -0.10 0.00	14.27 -0.12 0.00	13.58 -0.12 0.00	13.24 -0.15 0.00	14.84 -0.12 0.00	18.34 -0.15 0.00	20.68 -0.17 0.00	27.91 -0.20 0.00	28.67 -0.20 0.00	23.22 -0.14 0.00	21.18 -0.17 0.00	19.08 -0.13 0.00
ONTARIO___LFGE 23819	20.03 0.41 0.00	18.75 0.31 0.00	18.05 0.21 0.00	17.77 0.28 0.00	18.23 0.25 0.00	18.86 0.37 0.00	20.91 0.39 0.00	21.51 0.21 0.00	19.08 0.19 0.00	17.84 0.09 0.00	16.53 0.05 0.00	15.92 0.02 0.00	14.88 0.04 0.00	14.41 0.03 0.00	13.68 -0.03 0.00	13.35 -0.04 0.00	14.99 0.03 0.00	18.56 0.07 0.00	21.10 0.25 0.00	28.50 0.39 0.00	29.25 0.37 0.00	23.78 0.42 0.00	21.63 0.28 0.00	19.44 0.23 0.00
ORANGEVILLE_WT_PWR 323706	19.77 0.16 0.00	18.51 0.07 0.00	17.79 -0.04 0.00	17.54 0.05 0.00	17.98 0.00 0.00	18.58 0.09 0.00	20.46 -0.06 0.00	20.61 -0.68 0.00	18.40 -0.49 0.00	17.18 -0.57 0.00	16.00 -0.48 0.00	15.33 -0.57 0.00	14.39 -0.44 0.00	13.97 -0.42 0.00	13.20 -0.51 0.00	12.92 -0.47 0.00	14.44 -0.52 0.00	17.77 -0.72 0.00	20.37 -0.48 0.00	26.98 -1.13 0.00	27.78 -1.10 0.00	22.73 -0.63 0.00	20.66 -0.68 0.00	18.85 -0.37 0.00
ORANGEVILLE___ESR 323794	19.77 0.16 0.00	18.51 0.07 0.00	17.79 -0.04 0.00	17.54 0.05 0.00	17.98 0.00 0.00	18.58 0.09 0.00	20.46 -0.06 0.00	20.61 -0.68 0.00	18.40 -0.49 0.00	17.18 -0.57 0.00	16.00 -0.48 0.00	15.33 -0.57 0.00	14.39 -0.44 0.00	13.97 -0.42 0.00	13.20 -0.51 0.00	12.92 -0.47 0.00	14.44 -0.52 0.00	17.77 -0.72 0.00	20.37 -0.48 0.00	26.98 -1.13 0.00	27.78 -1.10 0.00	22.73 -0.63 0.00	20.66 -0.68 0.00	18.85 -0.37 0.00
OSWEGATCHIE___HYD 24044	19.15 -0.47 0.00	18.01 -0.42 0.00	17.42 -0.41 0.00	17.07 -0.42 0.00	17.55 -0.43 0.00	18.06 -0.42 0.00	19.95 -0.57 0.00	20.70 -0.60 0.00	18.32 -0.57 0.00	17.11 -0.64 0.00	15.84 -0.64 0.00	15.25 -0.65 0.00	14.22 -0.62 0.00	13.78 -0.60 0.00	13.11 -0.60 0.00	12.81 -0.58 0.00	14.35 -0.61 0.00	17.84 -0.65 0.00	20.28 -0.56 0.00	27.54 -0.56 0.00	28.36 -0.52 0.00	22.96 -0.40 0.00	20.94 -0.41 0.00	18.79 -0.42 0.00
OSWEGO___5 23606	19.24 -0.37 0.00	18.07 -0.37 0.00	17.46 -0.38 0.00	17.12 -0.37 0.00	17.60 -0.38 0.00	18.12 -0.37 0.00	20.09 -0.43 0.00	20.78 -0.51 0.00	18.45 -0.43 0.00	17.33 -0.43 0.00	16.08 -0.40 0.00	15.51 -0.40 0.00	14.48 -0.36 0.00	14.04 -0.35 0.00	13.35 -0.36 0.00	13.04 -0.35 0.00	14.59 -0.37 0.00	18.03 -0.46 0.00	20.30 -0.54 0.00	27.38 -0.73 0.00	28.12 -0.75 0.00	22.78 -0.58 0.00	20.79 -0.56 0.00	18.73 -0.48 0.00
OSWEGO___6 23613	19.24 -0.37 0.00	18.07 -0.37 0.00	17.46 -0.38 0.00	17.12 -0.37 0.00	17.60 -0.38 0.00	18.12 -0.37 0.00	20.09 -0.43 0.00	20.78 -0.51 0.00	18.45 -0.43 0.00	17.33 -0.43 0.00	16.08 -0.40 0.00	15.51 -0.40 0.00	14.48 -0.36 0.00	14.04 -0.35 0.00	13.35 -0.36 0.00	13.04 -0.35 0.00	14.59 -0.37 0.00	18.03 -0.46 0.00	20.30 -0.54 0.00	27.38 -0.73 0.00	28.12 -0.75 0.00	22.78 -0.58 0.00	20.79 -0.56 0.00	18.73 -0.48 0.00
OUTOKUMPU-AB___DRP 24206	19.62 0.00 0.00	18.31 -0.13 0.00	17.76 -0.07 0.00	17.45 -0.03 0.00	17.94 -0.04 0.00	18.54 0.06 0.00	20.38 -0.14 0.00	20.48 -0.81 0.00	18.26 -0.62 0.00	17.04 -0.71 0.00	15.85 -0.63 0.00	15.19 -0.72 0.00	14.23 -0.61 0.00	13.72 -0.66 0.00	13.08 -0.63 0.00	12.78 -0.60 0.00	14.29 -0.67 0.00	17.57 -0.92 0.00	20.16 -0.69 0.00	26.64 -1.46 0.00	27.49 -1.39 0.00	22.50 -0.86 0.00	20.41 -0.94 0.00	18.69 -0.52 0.00

OXBOW___BTM 323836	19.44 -0.18 0.00	18.20 -0.24 0.00	17.54 -0.29 0.00	17.24 -0.24 0.00	17.71 -0.27 0.00	18.28 -0.20 0.00	20.09 -0.43 0.00	20.19 -1.11 0.00	18.00 -0.89 0.00	16.81 -0.94 0.00	15.64 -0.84 0.00	14.98 -0.92 0.00	14.07 -0.77 0.00	13.65 -0.73 0.00	12.90 -0.81 0.00	12.61 -0.78 0.00	14.08 -0.88 0.00	17.33 -1.16 0.00	19.87 -0.98 0.00	26.25 -1.86 0.00	27.06 -1.82 0.00	22.15 -1.22 0.00	20.13 -1.22 0.00	18.42 -0.79 0.00
OXBOW____ 24026	19.36 -0.26 0.00	18.05 -0.39 0.00	17.51 -0.32 0.00	17.24 -0.24 0.00	17.71 -0.27 0.00	18.28 -0.20 0.00	20.09 -0.43 0.00	20.19 -1.11 0.00	18.00 -0.89 0.00	16.81 -0.94 0.00	15.64 -0.84 0.00	14.98 -0.92 0.00	14.04 -0.80 0.00	13.54 -0.85 0.00	12.90 -0.81 0.00	12.61 -0.78 0.00	14.08 -0.88 0.00	17.33 -1.16 0.00	19.87 -0.98 0.00	26.22 -1.88 0.00	27.06 -1.82 0.00	22.15 -1.21 0.00	20.09 -1.26 0.00	18.42 -0.79 0.00
OXY_CHEM_DSASP 323612	19.07 -0.55 0.00	17.81 -0.63 0.00	17.26 -0.57 0.00	17.02 -0.47 0.00	17.49 -0.49 0.00	18.04 -0.44 0.00	19.80 -0.72 0.00	19.89 -1.41 0.00	17.74 -1.15 0.00	16.56 -1.19 0.00	15.41 -1.07 0.00	14.78 -1.13 0.00	13.85 -0.99 0.00	13.35 -1.04 0.00	12.71 -1.00 0.00	12.42 -0.96 0.00	13.87 -1.09 0.00	17.07 -1.42 0.00	19.53 -1.31 0.00	25.77 -2.33 0.00	26.59 -2.28 0.00	21.77 -1.59 0.00	19.77 -1.58 0.00	18.14 -1.08 0.00
OZONE_PARK_ESR 323760	20.56 0.94 0.00	19.30 0.87 0.00	18.67 0.84 0.00	18.31 0.82 0.00	18.81 0.83 0.00	19.23 0.74 0.00	21.51 0.98 0.00	22.53 1.24 0.00	19.93 1.04 0.00	18.89 1.14 0.00	17.60 1.12 0.00	17.00 1.10 0.00	15.86 1.02 0.00	15.38 0.99 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.80 1.31 0.00	22.18 1.33 0.00	29.79 1.69 0.00	30.69 1.82 0.00	24.65 1.28 0.00	22.61 1.26 0.00	20.36 1.15 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.07 -0.55 0.00	17.81 -0.63 0.00	17.26 -0.57 0.00	17.02 -0.47 0.00	17.49 -0.49 0.00	18.04 -0.44 0.00	19.80 -0.72 0.00	19.89 -1.41 0.00	17.74 -1.15 0.00	16.56 -1.19 0.00	15.41 -1.07 0.00	14.78 -1.13 0.00	13.85 -0.99 0.00	13.35 -1.04 0.00	12.71 -1.00 0.00	12.42 -0.96 0.00	13.87 -1.09 0.00	17.07 -1.42 0.00	19.53 -1.31 0.00	25.77 -2.33 0.00	26.59 -2.28 0.00	21.77 -1.59 0.00	19.77 -1.58 0.00	18.14 -1.08 0.00
PACKARD__115KV_DUPONT_184 80571	19.07 -0.55 0.00	17.81 -0.63 0.00	17.26 -0.57 0.00	17.02 -0.47 0.00	17.49 -0.49 0.00	18.04 -0.44 0.00	19.80 -0.72 0.00	19.89 -1.41 0.00	17.74 -1.15 0.00	16.56 -1.19 0.00	15.41 -1.07 0.00	14.78 -1.13 0.00	13.85 -0.99 0.00	13.35 -1.04 0.00	12.71 -1.00 0.00	12.42 -0.96 0.00	13.87 -1.09 0.00	17.07 -1.42 0.00	19.53 -1.31 0.00	25.77 -2.33 0.00	26.59 -2.28 0.00	21.77 -1.59 0.00	19.77 -1.58 0.00	18.14 -1.08 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.61 0.98 -0.01	19.37 0.92 -0.01	18.71 0.87 -0.01	18.37 0.87 -0.01	18.85 0.86 -0.01	19.31 0.81 -0.01	21.55 1.03 0.00	22.40 1.11 0.00	19.74 0.85 0.00	18.71 0.96 0.00	17.43 0.96 0.00	16.86 0.95 0.00	15.73 0.89 0.00	15.25 0.86 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.90 0.94 0.00	19.64 1.15 0.00	21.99 1.15 0.00	29.54 1.43 0.00	30.43 1.56 0.00	24.41 1.05 0.00	22.55 1.20 -0.01	20.33 1.11 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.71 1.08 -0.01	19.48 1.03 -0.01	18.84 1.00 -0.01	18.49 1.00 -0.01	18.98 0.99 -0.01	19.44 0.94 -0.01	21.69 1.17 0.00	22.53 1.24 0.00	19.83 0.94 0.00	18.80 1.05 0.00	17.50 1.02 0.00	16.92 1.02 0.00	15.79 0.95 0.00	15.31 0.92 0.00	14.63 0.92 0.00	14.34 0.95 0.00	15.96 1.00 0.00	19.69 1.20 0.00	22.07 1.23 0.00	29.65 1.55 0.00	30.58 1.70 0.00	24.51 1.14 0.00	22.66 1.30 -0.01	20.43 1.21 -0.01
PATROON__115KV_TB1 80586	20.27 0.65 0.00	19.03 0.59 0.00	18.40 0.57 0.00	18.03 0.54 0.00	18.55 0.58 0.00	19.06 0.57 0.00	21.16 0.64 0.00	21.98 0.68 0.00	19.49 0.60 0.00	18.36 0.60 0.00	17.05 0.58 0.00	16.48 0.57 0.00	15.34 0.50 0.00	14.89 0.50 0.00	14.20 0.49 0.00	13.88 0.50 0.00	15.50 0.54 0.00	19.14 0.65 0.00	21.55 0.71 0.00	29.06 0.96 0.00	29.86 0.98 0.00	24.09 0.72 0.00	22.10 0.75 0.00	19.85 0.63 0.00
PATTRSNVILLE__SOLAR 323815	20.15 0.53 0.00	18.90 0.46 0.00	18.29 0.46 0.00	17.92 0.44 0.00	18.45 0.47 0.00	18.97 0.48 0.00	21.07 0.55 0.00	21.87 0.58 0.00	19.40 0.51 0.00	18.21 0.46 0.00	16.91 0.43 0.00	16.32 0.41 0.00	15.21 0.37 0.00	14.75 0.36 0.00	14.06 0.36 0.00	13.73 0.35 0.00	15.37 0.40 0.00	19.01 0.52 0.00	21.47 0.62 0.00	28.98 0.87 0.00	29.80 0.92 0.00	24.06 0.70 0.00	22.01 0.66 0.00	19.77 0.56 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.21 0.59 0.00	18.84 0.41 0.00	18.24 0.41 0.00	17.92 0.44 0.00	18.41 0.43 0.00	19.11 0.63 0.00	21.05 0.53 0.00	21.23 -0.06 0.00	18.93 0.04 0.00	17.66 -0.09 0.00	16.45 -0.03 0.00	15.78 -0.13 0.00	14.77 -0.07 0.00	14.24 -0.14 0.00	13.56 -0.15 0.00	13.27 -0.12 0.00	14.84 -0.12 0.00	18.29 -0.20 0.00	20.97 0.13 0.00	27.83 -0.28 0.00	28.61 -0.26 0.00	23.46 0.09 0.00	21.24 -0.11 0.00	19.38 0.17 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.58 0.96 0.00	19.30 0.87 0.00	18.65 0.82 0.00	18.29 0.80 0.00	18.79 0.81 0.00	19.24 0.76 0.00	21.51 0.98 0.00	22.47 1.17 0.00	19.83 0.94 0.00	18.67 0.92 0.00	17.32 0.84 0.00	16.70 0.80 0.00	15.57 0.73 0.00	15.09 0.70 0.00	14.42 0.71 0.00	14.12 0.74 0.00	15.77 0.81 0.00	19.43 0.94 0.00	21.91 1.06 0.00	29.48 1.38 0.00	30.38 1.50 0.00	24.51 1.14 0.00	22.39 1.05 0.00	20.13 0.92 0.00
PEEKSKILL____ 23653	20.29 0.67 0.00	19.01 0.57 0.00	18.42 0.59 0.00	18.05 0.56 0.00	18.55 0.58 0.00	19.02 0.54 0.00	21.26 0.74 0.00	22.23 0.94 0.00	19.68 0.79 0.00	18.60 0.85 0.00	17.29 0.81 0.00	16.70 0.79 0.00	15.55 0.71 0.00	15.08 0.69 0.00	14.42 0.71 0.00	14.12 0.74 0.00	15.75 0.79 0.00	19.45 0.96 0.00	21.83 0.98 0.00	29.34 1.24 0.00	30.17 1.30 0.00	24.34 0.98 0.00	22.29 0.94 0.00	20.02 0.81 0.00
PGE MADISON__WINDPWR 24146	21.70 2.08 0.00	20.30 1.86 0.00	19.54 1.71 0.00	19.17 1.68 0.00	19.60 1.62 0.00	20.26 1.77 0.00	22.51 1.99 0.00	23.29 2.00 0.00	20.62 1.74 0.00	19.15 1.40 0.00	17.75 1.27 0.00	17.05 1.15 0.00	15.82 0.98 0.00	15.35 0.96 0.00	14.56 0.85 0.00	14.22 0.83 0.00	16.01 1.05 0.00	19.91 1.42 0.00	22.74 1.90 0.00	31.00 2.90 0.00	31.93 3.06 0.00	25.84 2.48 0.00	23.50 2.16 0.00	21.10 1.88 0.00
PIERCEFIELD__HYD 23852	18.95 -0.67 0.00	17.85 -0.59 0.00	17.26 -0.57 0.00	16.91 -0.58 0.00	17.40 -0.58 0.00	17.89 -0.59 0.00	19.78 -0.74 0.00	20.53 -0.77 0.00	18.21 -0.68 0.00	17.01 -0.75 0.00	15.74 -0.74 0.00	15.14 -0.76 0.00	14.16 -0.68 0.00	13.71 -0.68 0.00	13.05 -0.66 0.00	12.74 -0.64 0.00	14.26 -0.70 0.00	17.70 -0.80 0.00	20.12 -0.73 0.00	27.26 -0.84 0.00	28.04 -0.84 0.00	22.73 -0.63 0.00	20.75 -0.60 0.00	18.62 -0.60 0.00

PINELAWN_CC_1 323563	20.80 1.18 0.00	19.43 0.99 0.00	18.74 0.91 0.00	18.34 0.86 0.00	18.82 0.85 0.00	19.34 0.85 0.00	23.97 1.27 -2.17	25.18 1.47 -2.42	19.91 1.02 0.00	18.69 0.94 0.00	17.25 0.77 0.00	16.64 0.73 0.00	15.48 0.64 0.00	15.02 0.63 0.00	14.46 0.75 0.00	14.15 0.76 0.00	15.92 0.96 0.00	19.77 1.27 0.00	22.43 1.58 0.00	29.91 1.80 0.00	30.78 1.91 0.00	25.25 1.59 -0.29	22.95 1.58 -0.02	20.38 1.17 0.00
PJM_GEN_HTP_PROXY 323702	20.38 0.76 0.00	19.08 0.64 0.00	18.53 0.69 0.00	18.15 0.66 0.00	18.64 0.67 0.00	19.10 0.61 0.00	21.34 0.82 0.00	22.36 1.06 0.00	19.79 0.91 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.71 0.88 0.00	15.22 0.83 0.00	14.56 0.85 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.64 1.15 0.00	21.99 1.15 0.00	30.86 1.43 -1.32	29.08 1.53 1.32	24.44 1.08 0.00	22.46 1.11 0.00	20.19 0.98 0.00
PJM_GEN_KEystone 24065	19.99 0.37 0.00	18.73 0.29 0.00	18.06 0.23 0.00	17.75 0.26 0.00	18.23 0.25 0.00	18.80 0.31 0.00	20.89 0.37 0.00	21.57 0.28 0.00	19.15 0.26 0.00	18.00 0.25 0.00	16.74 0.26 0.00	16.14 0.24 0.00	15.06 0.22 0.00	14.62 0.23 0.00	13.90 0.19 0.00	13.60 0.21 0.00	15.20 0.24 0.00	18.75 0.26 0.00	21.22 0.38 0.00	29.74 0.31 -1.32	27.84 0.29 1.32	23.71 0.35 0.00	21.65 0.30 0.00	19.50 0.29 0.00
PJM_GEN_NEPTUNE_PROXY 323594	20.48 0.86 0.00	19.17 0.74 0.00	18.49 0.66 0.00	18.10 0.61 0.00	18.57 0.59 0.00	19.08 0.59 0.00	23.70 1.01 -2.17	24.95 1.23 -2.42	19.68 0.79 0.00	18.51 0.76 0.00	17.10 0.63 0.00	16.51 0.60 0.00	15.36 0.52 0.00	14.90 0.52 0.00	14.34 0.63 0.00	14.03 0.64 0.00	15.75 0.79 0.00	19.53 1.03 0.00	22.12 1.27 0.00	30.81 1.38 -1.32	28.99 1.44 1.32	24.84 1.19 -0.29	22.62 1.26 -0.02	20.11 0.90 0.00
PJM_GEN_VFT_PROXY 323633	20.29 0.67 0.00	19.01 0.57 0.00	18.44 0.61 0.00	18.06 0.58 0.00	18.57 0.59 0.00	19.00 0.52 0.00	21.24 0.72 0.00	22.25 0.96 0.00	19.72 0.83 0.00	18.67 0.92 0.00	17.38 0.91 0.00	16.81 0.91 0.00	15.66 0.82 0.00	15.16 0.78 0.00	14.52 0.81 0.00	14.23 0.84 0.00	15.86 0.90 0.00	19.58 1.09 0.00	21.91 1.06 0.00	30.72 1.29 -1.32	28.94 1.39 1.32	24.32 0.96 0.00	22.37 1.02 0.00	20.11 0.90 0.00
PLATSBURG_115KV_PMLD1 355749	19.87 0.26 0.00	18.79 0.35 0.00	18.20 0.37 0.00	17.84 0.35 0.00	18.34 0.36 0.00	18.78 0.30 0.00	20.48 -0.04 0.00	21.12 -0.17 0.00	18.72 -0.17 0.00	17.40 -0.36 0.00	16.02 -0.46 0.00	15.38 -0.52 0.00	14.38 -0.46 0.00	13.93 -0.46 0.00	13.26 -0.45 0.00	12.93 -0.46 0.00	14.44 -0.52 0.00	17.99 -0.50 0.00	20.66 -0.19 0.00	28.16 0.06 0.00	29.02 0.14 0.00	23.81 0.44 0.00	21.63 0.28 0.00	19.46 0.25 0.00
PLEASANTVLY__LBMP 24000	20.15 0.53 0.00	18.95 0.52 0.00	18.31 0.48 0.00	17.96 0.47 0.00	18.46 0.49 0.00	18.93 0.44 0.00	21.09 0.57 0.00	22.04 0.75 0.00	19.55 0.66 0.00	18.44 0.69 0.00	17.15 0.68 0.00	16.57 0.67 0.00	15.45 0.61 0.00	14.99 0.60 0.00	14.30 0.59 0.00	14.00 0.62 0.00	15.62 0.66 0.00	19.29 0.80 0.00	21.64 0.79 0.00	29.12 1.01 0.00	29.91 1.04 0.00	24.11 0.75 0.00	22.07 0.73 0.00	19.86 0.65 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	20.32 0.71 0.00	19.10 0.66 0.00	18.45 0.62 0.00	18.10 0.61 0.00	18.59 0.61 0.00	19.06 0.57 0.00	21.30 0.78 0.00	22.27 0.98 0.00	19.74 0.85 0.00	18.64 0.89 0.00	17.32 0.84 0.00	16.75 0.84 0.00	15.61 0.77 0.00	15.15 0.76 0.00	14.46 0.75 0.00	14.16 0.78 0.00	15.80 0.84 0.00	19.51 1.02 0.00	21.89 1.04 0.00	29.43 1.32 0.00	30.26 1.39 0.00	24.37 1.00 0.00	22.31 0.96 0.00	20.08 0.86 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.32 0.71 0.00	19.10 0.66 0.00	18.45 0.62 0.00	18.10 0.61 0.00	18.59 0.61 0.00	19.06 0.57 0.00	21.30 0.78 0.00	22.27 0.98 0.00	19.74 0.85 0.00	18.64 0.89 0.00	17.32 0.84 0.00	16.75 0.84 0.00	15.61 0.77 0.00	15.15 0.76 0.00	14.46 0.75 0.00	14.16 0.78 0.00	15.80 0.84 0.00	19.51 1.02 0.00	21.89 1.04 0.00	29.43 1.32 0.00	30.26 1.39 0.00	24.37 1.00 0.00	22.31 0.96 0.00	20.08 0.86 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.56 0.94 0.00	19.28 0.85 0.00	18.65 0.82 0.00	18.27 0.79 0.00	18.81 0.83 0.00	19.26 0.78 0.00	21.51 0.98 0.00	22.38 1.09 0.00	19.76 0.87 0.00	18.55 0.80 0.00	17.20 0.73 0.00	16.61 0.70 0.00	15.48 0.64 0.00	15.02 0.63 0.00	14.35 0.64 0.00	14.04 0.66 0.00	15.69 0.73 0.00	19.36 0.87 0.00	21.80 0.96 0.00	29.43 1.32 0.00	30.32 1.44 0.00	24.41 1.05 0.00	22.33 0.98 0.00	20.08 0.86 0.00
POLETTI____ 23519	20.36 0.75 0.00	19.12 0.68 0.00	18.49 0.66 0.00	18.15 0.66 0.00	18.63 0.65 0.00	19.06 0.57 0.00	21.30 0.78 0.00	22.32 1.02 0.00	19.74 0.85 0.00	18.73 0.98 0.00	17.43 0.96 0.00	16.86 0.95 0.00	15.72 0.88 0.00	15.23 0.85 0.00	14.56 0.85 0.00	14.26 0.87 0.00	15.90 0.94 0.00	19.62 1.13 0.00	21.95 1.10 0.00	29.46 1.35 0.00	30.32 1.44 0.00	24.39 1.03 0.00	22.37 1.02 0.00	20.15 0.94 0.00
POMONA__ESR 323819	20.29 0.67 0.00	19.03 0.59 0.00	18.40 0.57 0.00	18.05 0.56 0.00	18.55 0.58 0.00	19.04 0.55 0.00	21.26 0.74 0.00	22.23 0.94 0.00	19.68 0.79 0.00	18.59 0.83 0.00	17.27 0.79 0.00	16.70 0.79 0.00	15.54 0.70 0.00	15.08 0.69 0.00	14.41 0.70 0.00	14.12 0.74 0.00	15.75 0.79 0.00	19.43 0.94 0.00	21.83 0.98 0.00	29.37 1.27 0.00	30.17 1.30 0.00	24.34 0.98 0.00	22.29 0.94 0.00	20.02 0.81 0.00
PORT_JEFF_3 23555	20.95 1.33 0.00	19.62 1.18 0.00	18.90 1.07 0.00	18.50 1.01 0.00	18.98 1.01 0.00	19.50 1.02 0.00	24.11 1.41 -2.17	25.31 1.60 -2.42	20.06 1.17 0.00	18.83 1.08 0.00	17.35 0.87 0.00	16.73 0.83 0.00	15.55 0.71 0.00	15.10 0.72 0.00	14.54 0.84 0.00	14.23 0.84 0.00	16.04 1.08 0.00	19.91 1.42 0.00	22.60 1.75 0.00	30.19 2.08 0.00	31.07 2.19 0.00	25.43 1.77 -0.29	23.16 1.79 -0.02	20.54 1.32 0.00
PORT_JEFF_4 23616	20.95 1.33 0.00	19.62 1.18 0.00	18.90 1.07 0.00	18.50 1.01 0.00	18.98 1.01 0.00	19.50 1.02 0.00	24.11 1.41 -2.17	25.31 1.60 -2.42	20.06 1.17 0.00	18.83 1.08 0.00	17.35 0.87 0.00	16.73 0.83 0.00	15.55 0.71 0.00	15.10 0.72 0.00	14.54 0.84 0.00	14.23 0.84 0.00	16.04 1.08 0.00	19.91 1.42 0.00	22.60 1.75 0.00	30.19 2.08 0.00	31.07 2.19 0.00	25.43 1.77 -0.29	23.16 1.79 -0.02	20.54 1.32 0.00
PORT_JEFF_IC 23713	20.97 1.35 0.00	19.67 1.24 0.00	18.92 1.09 0.00	18.52 1.03 0.00	18.99 1.01 0.00	19.52 1.04 0.00	24.13 1.44 -2.17	25.33 1.62 -2.42	20.08 1.19 0.00	18.83 1.08 0.00	17.37 0.89 0.00	16.73 0.83 0.00	15.73 0.89 0.00	15.28 0.89 0.00	14.56 0.85 0.00	14.24 0.86 0.00	16.05 1.09 0.00	19.93 1.44 0.00	22.64 1.79 0.00	30.27 2.16 0.00	31.16 2.28 0.00	25.46 1.80 -0.29	23.16 1.79 -0.02	20.56 1.34 0.00

PPL PILGRIM_ST_GT1 24216	20.97 1.35 0.00	19.62 1.18 0.00	18.90 1.07 0.00	18.50 1.01 0.00	18.98 1.01 0.00	19.52 1.03 0.00	24.15 1.46 -2.17	25.36 1.64 -2.42	20.08 1.19 0.00	18.85 1.10 0.00	17.38 0.91 0.00	16.76 0.86 0.00	15.58 0.74 0.00	15.13 0.75 0.00	14.57 0.86 0.00	14.26 0.87 0.00	16.05 1.09 0.00	19.91 1.42 0.00	22.62 1.77 0.00	30.22 2.11 0.00	31.10 2.22 0.00	25.48 1.82 -0.29	23.16 1.79 -0.02	20.56 1.34 0.00
PPL PILGRIM_ST_GT2 24217	20.97 1.35 0.00	19.62 1.18 0.00	18.90 1.07 0.00	18.50 1.01 0.00	18.98 1.01 0.00	19.52 1.03 0.00	24.15 1.46 -2.17	25.36 1.64 -2.42	20.08 1.19 0.00	18.85 1.10 0.00	17.38 0.91 0.00	16.76 0.86 0.00	15.58 0.74 0.00	15.13 0.75 0.00	14.57 0.86 0.00	14.26 0.87 0.00	16.05 1.09 0.00	19.91 1.42 0.00	22.62 1.77 0.00	30.22 2.11 0.00	31.10 2.22 0.00	25.48 1.82 -0.29	23.16 1.79 -0.02	20.56 1.34 0.00
PPL_SHRM_GT3 24213	21.09 1.47 0.00	19.74 1.31 0.00	19.03 1.19 0.00	18.62 1.14 0.00	19.09 1.12 0.00	19.63 1.15 0.00	24.23 1.54 -2.17	25.42 1.70 -2.42	20.17 1.28 0.00	18.92 1.17 0.00	17.42 0.94 0.00	16.78 0.87 0.00	15.60 0.76 0.00	15.13 0.75 0.00	14.59 0.88 0.00	14.27 0.88 0.00	16.10 1.14 0.00	20.01 1.52 0.00	22.72 1.88 0.00	30.38 2.28 0.00	31.30 2.43 0.00	25.55 1.89 -0.29	23.31 1.94 -0.02	20.63 1.42 0.00
PPL_SHRM_GT4 24214	21.09 1.47 0.00	19.74 1.31 0.00	19.03 1.19 0.00	18.62 1.14 0.00	19.09 1.12 0.00	19.63 1.15 0.00	24.23 1.54 -2.17	25.42 1.70 -2.42	20.17 1.28 0.00	18.92 1.17 0.00	17.42 0.94 0.00	16.78 0.87 0.00	15.60 0.76 0.00	15.13 0.75 0.00	14.59 0.88 0.00	14.27 0.88 0.00	16.10 1.14 0.00	20.01 1.52 0.00	22.72 1.88 0.00	30.38 2.28 0.00	31.30 2.43 0.00	25.55 1.89 -0.29	23.31 1.94 -0.02	20.63 1.42 0.00
PROJECT___ORANGE 1 24174	19.48 -0.14 0.00	18.25 -0.18 0.00	17.65 -0.18 0.00	17.33 -0.16 0.00	17.82 -0.16 0.00	18.36 -0.13 0.00	20.36 -0.16 0.00	21.04 -0.26 0.00	18.68 -0.21 0.00	17.54 -0.21 0.00	16.28 -0.20 0.00	15.70 -0.21 0.00	14.66 -0.18 0.00	14.20 -0.19 0.00	13.52 -0.19 0.00	13.19 -0.20 0.00	14.77 -0.19 0.00	18.27 -0.22 0.00	20.57 -0.27 0.00	27.74 -0.37 0.00	28.53 -0.35 0.00	23.11 -0.26 0.00	21.07 -0.28 0.00	18.96 -0.25 0.00
PROJECT___ORANGE 2 24166	19.48 -0.14 0.00	18.25 -0.18 0.00	17.65 -0.18 0.00	17.33 -0.16 0.00	17.82 -0.16 0.00	18.36 -0.13 0.00	20.36 -0.16 0.00	21.04 -0.26 0.00	18.68 -0.21 0.00	17.54 -0.21 0.00	16.28 -0.20 0.00	15.70 -0.21 0.00	14.66 -0.18 0.00	14.20 -0.19 0.00	13.52 -0.19 0.00	13.19 -0.20 0.00	14.77 -0.19 0.00	18.27 -0.22 0.00	20.57 -0.27 0.00	27.74 -0.37 0.00	28.53 -0.35 0.00	23.11 -0.26 0.00	21.07 -0.28 0.00	18.96 -0.25 0.00
PUCKETT___SOLAR 323809	20.36 0.75 0.00	19.08 0.64 0.00	18.40 0.57 0.00	18.08 0.59 0.00	18.55 0.58 0.00	19.15 0.66 0.00	21.28 0.76 0.00	22.00 0.70 0.00	19.49 0.60 0.00	18.23 0.48 0.00	16.91 0.43 0.00	16.27 0.37 0.00	15.17 0.33 0.00	14.70 0.32 0.00	13.96 0.25 0.00	13.63 0.24 0.00	15.29 0.33 0.00	18.97 0.48 0.00	21.53 0.69 0.00	29.09 0.98 0.00	29.88 1.01 0.00	24.25 0.89 0.00	22.10 0.75 0.00	19.86 0.65 0.00
PYRITES___HYD 24023	19.38 -0.24 0.00	18.25 -0.18 0.00	17.65 -0.18 0.00	17.29 -0.19 0.00	17.78 -0.20 0.00	18.28 -0.20 0.00	20.23 -0.29 0.00	21.00 -0.30 0.00	18.64 -0.25 0.00	17.40 -0.36 0.00	16.08 -0.40 0.00	15.49 -0.41 0.00	14.47 -0.37 0.00	14.01 -0.37 0.00	13.34 -0.37 0.00	13.03 -0.36 0.00	14.57 -0.39 0.00	18.10 -0.39 0.00	20.59 -0.25 0.00	27.97 -0.14 0.00	28.79 -0.09 0.00	23.32 -0.05 0.00	21.24 -0.11 0.00	19.06 -0.15 0.00
QUAKERRD_115KV_BK1 80622	19.03 -0.59 0.00	17.79 -0.65 0.00	17.22 -0.61 0.00	16.93 -0.56 0.00	17.39 -0.59 0.00	17.95 -0.54 0.00	19.84 -0.68 0.00	20.31 -0.98 0.00	18.06 -0.83 0.00	16.90 -0.85 0.00	15.70 -0.77 0.00	15.09 -0.81 0.00	14.13 -0.71 0.00	13.65 -0.73 0.00	12.98 -0.73 0.00	12.66 -0.72 0.00	14.18 -0.78 0.00	17.49 -1.00 0.00	19.87 -0.98 0.00	26.64 -1.46 0.00	27.43 -1.44 0.00	22.31 -1.05 0.00	20.26 -1.09 0.00	18.35 -0.86 0.00
QUENSRY_115KV_TB8 356137	20.27 0.65 0.00	18.95 0.52 0.00	18.35 0.52 0.00	17.98 0.49 0.00	18.54 0.56 0.00	19.06 0.57 0.00	21.18 0.66 0.00	22.00 0.70 0.00	19.53 0.64 0.00	18.32 0.57 0.00	16.96 0.48 0.00	16.37 0.46 0.00	15.23 0.39 0.00	14.76 0.37 0.00	14.08 0.37 0.00	13.77 0.39 0.00	15.40 0.43 0.00	19.05 0.55 0.00	21.57 0.73 0.00	29.17 1.07 0.00	30.03 1.15 0.00	24.18 0.82 0.00	22.10 0.75 0.00	19.81 0.60 0.00
RAMAPO___LBMP 323565	20.21 0.59 0.00	18.99 0.55 0.00	18.35 0.52 0.00	17.99 0.51 0.00	18.48 0.50 0.00	18.99 0.50 0.00	21.20 0.68 0.00	22.15 0.85 0.00	19.62 0.74 0.00	18.53 0.78 0.00	17.24 0.76 0.00	16.65 0.75 0.00	15.52 0.68 0.00	15.06 0.68 0.00	14.37 0.66 0.00	14.08 0.70 0.00	15.71 0.75 0.00	19.38 0.89 0.00	21.76 0.92 0.00	29.26 1.15 0.00	30.06 1.18 0.00	24.27 0.91 0.00	22.20 0.85 0.00	19.94 0.73 0.00
RANKINE____ 23646	19.91 0.29 0.00	18.58 0.15 0.00	18.01 0.18 0.00	17.70 0.21 0.00	18.18 0.20 0.00	18.82 0.33 0.00	20.73 0.21 0.00	20.85 -0.45 0.00	18.60 -0.28 0.00	17.36 -0.39 0.00	16.16 -0.31 0.00	15.49 -0.41 0.00	14.51 -0.33 0.00	14.00 -0.39 0.00	13.32 -0.38 0.00	13.04 -0.35 0.00	14.57 -0.39 0.00	17.94 -0.55 0.00	20.57 -0.27 0.00	27.24 -0.87 0.00	28.04 -0.84 0.00	22.99 -0.37 0.00	20.84 -0.51 0.00	19.04 -0.17 0.00
RAVENSWOOD_GT2_1 24244	20.40 0.78 0.00	19.17 0.74 0.00	18.54 0.71 0.00	18.19 0.70 0.00	18.68 0.70 0.00	19.11 0.63 0.00	21.38 0.86 0.00	22.36 1.06 0.00	19.79 0.91 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.74 0.91 0.00	15.26 0.88 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.66 1.16 0.00	22.01 1.17 0.00	29.54 1.43 0.00	30.40 1.53 0.00	24.46 1.10 0.00	22.44 1.09 0.00	20.19 0.98 0.00
RAVENSWOOD_GT2_2 24245	20.40 0.78 0.00	19.17 0.74 0.00	18.54 0.71 0.00	18.19 0.70 0.00	18.68 0.70 0.00	19.11 0.63 0.00	21.38 0.86 0.00	22.36 1.06 0.00	19.79 0.91 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.74 0.91 0.00	15.26 0.88 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.66 1.16 0.00	22.01 1.17 0.00	29.54 1.43 0.00	30.40 1.53 0.00	24.46 1.10 0.00	22.44 1.09 0.00	20.19 0.98 0.00
RAVENSWOOD_GT2_3 24246	20.42 0.80 0.00	19.17 0.74 0.00	18.54 0.71 0.00	18.19 0.70 0.00	18.68 0.70 0.00	19.11 0.63 0.00	21.38 0.86 0.00	22.38 1.09 0.00	19.79 0.91 0.00	18.76 1.01 0.00	17.47 0.99 0.00	16.88 0.97 0.00	15.74 0.91 0.00	15.26 0.88 0.00	14.59 0.88 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.66 1.16 0.00	22.01 1.17 0.00	29.57 1.46 0.00	30.43 1.56 0.00	24.46 1.10 0.00	22.44 1.09 0.00	20.21 1.00 0.00

RAVENSWOOD_GT2_4 24247	20.42 0.80 0.00	19.17 0.74 0.00	18.54 0.71 0.00	18.19 0.70 0.00	18.68 0.70 0.00	19.11 0.63 0.00	21.38 0.86 0.00	22.38 1.09 0.00	19.79 0.91 0.00	18.76 1.01 0.00	17.47 0.99 0.00	16.88 0.97 0.00	15.74 0.91 0.00	15.26 0.88 0.00	14.59 0.88 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.66 1.16 0.00	22.01 1.17 0.00	29.57 1.46 0.00	30.43 1.56 0.00	24.46 1.10 0.00	22.44 1.09 0.00	20.21 1.00 0.00
RAVENSWOOD_GT3_1 24248	20.40 0.78 0.00	19.17 0.74 0.00	18.54 0.71 0.00	18.19 0.70 0.00	18.68 0.70 0.00	19.11 0.63 0.00	21.38 0.86 0.00	22.36 1.06 0.00	19.79 0.91 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.74 0.91 0.00	15.26 0.88 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.66 1.16 0.00	22.01 1.17 0.00	29.54 1.43 0.00	30.40 1.53 0.00	24.46 1.10 0.00	22.44 1.09 0.00	20.19 0.98 0.00
RAVENSWOOD_GT3_2 24249	20.40 0.78 0.00	19.17 0.74 0.00	18.54 0.71 0.00	18.19 0.70 0.00	18.68 0.70 0.00	19.11 0.63 0.00	21.38 0.86 0.00	22.36 1.06 0.00	19.79 0.91 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.74 0.91 0.00	15.26 0.88 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.66 1.16 0.00	22.01 1.17 0.00	29.54 1.43 0.00	30.40 1.53 0.00	24.46 1.10 0.00	22.44 1.09 0.00	20.19 0.98 0.00
RAVENSWOOD_GT3_3 24250	20.44 0.82 0.00	19.19 0.76 0.00	18.56 0.73 0.00	18.20 0.72 0.00	18.70 0.72 0.00	19.13 0.65 0.00	21.40 0.88 0.00	22.40 1.11 0.00	19.81 0.93 0.00	18.78 1.03 0.00	17.47 0.99 0.00	16.89 0.99 0.00	15.76 0.92 0.00	15.28 0.89 0.00	14.59 0.88 0.00	14.30 0.91 0.00	15.93 0.97 0.00	19.67 1.18 0.00	22.03 1.19 0.00	29.57 1.46 0.00	30.46 1.59 0.00	24.48 1.12 0.00	22.46 1.11 0.00	20.21 1.00 0.00
RAVENSWOOD_GT3_4 24251	20.44 0.82 0.00	19.19 0.76 0.00	18.56 0.73 0.00	18.20 0.72 0.00	18.70 0.72 0.00	19.13 0.65 0.00	21.40 0.88 0.00	22.40 1.11 0.00	19.81 0.93 0.00	18.78 1.03 0.00	17.47 0.99 0.00	16.89 0.99 0.00	15.76 0.92 0.00	15.28 0.89 0.00	14.59 0.88 0.00	14.30 0.91 0.00	15.93 0.97 0.00	19.67 1.18 0.00	22.03 1.19 0.00	29.57 1.46 0.00	30.46 1.59 0.00	24.48 1.12 0.00	22.46 1.11 0.00	20.21 1.00 0.00
RAVENSWOOD_GT_1 23729	20.55 0.92 -0.01	19.29 0.85 -0.01	18.66 0.82 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.23 0.74 -0.01	21.51 0.98 0.00	22.47 1.17 0.00	19.85 0.96 0.00	18.82 1.07 0.00	17.52 1.04 0.00	16.94 1.03 0.00	15.80 0.96 0.00	15.32 0.94 0.00	14.65 0.95 0.00	14.35 0.96 0.00	15.99 1.03 0.00	19.73 1.24 0.00	22.10 1.25 0.00	29.68 1.57 0.00	30.58 1.70 0.00	24.53 1.17 0.00	22.57 1.22 -0.01	20.32 1.10 -0.01
RAVENSWOOD_GT_10 24258	20.40 0.78 0.00	19.17 0.74 0.00	18.54 0.71 0.00	18.19 0.70 0.00	18.66 0.68 0.00	19.11 0.63 0.00	21.36 0.84 0.00	22.36 1.06 0.00	19.79 0.91 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.74 0.91 0.00	15.25 0.86 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.64 1.15 0.00	22.01 1.17 0.00	29.54 1.43 0.00	30.40 1.53 0.00	24.46 1.10 0.00	22.42 1.07 0.00	20.19 0.98 0.00
RAVENSWOOD_GT_11 24259	20.40 0.78 0.00	19.17 0.74 0.00	18.54 0.71 0.00	18.19 0.70 0.00	18.66 0.68 0.00	19.11 0.63 0.00	21.36 0.84 0.00	22.36 1.06 0.00	19.79 0.91 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.74 0.91 0.00	15.25 0.86 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.64 1.15 0.00	22.01 1.17 0.00	29.54 1.43 0.00	30.40 1.53 0.00	24.46 1.10 0.00	22.42 1.07 0.00	20.19 0.98 0.00
RAVENSWOOD_GT_4 24252	20.38 0.77 0.01	19.15 0.72 0.01	18.52 0.70 0.01	18.16 0.68 0.01	18.64 0.67 0.01	19.09 0.61 0.01	21.34 0.82 0.00	22.36 1.06 0.00	19.79 0.91 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.86 0.95 0.00	15.73 0.89 0.00	15.25 0.86 0.00	14.56 0.85 0.00	14.27 0.88 0.00	15.90 0.94 0.00	19.64 1.15 0.00	21.99 1.15 0.00	29.51 1.41 0.00	30.38 1.50 0.00	24.44 1.07 0.00	22.41 1.07 0.01	20.17 0.96 0.01
RAVENSWOOD_GT_5 24254	20.38 0.77 0.01	19.15 0.72 0.01	18.52 0.70 0.01	18.16 0.68 0.01	18.64 0.67 0.01	19.09 0.61 0.01	21.34 0.82 0.00	22.36 1.06 0.00	19.79 0.91 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.86 0.95 0.00	15.73 0.89 0.00	15.25 0.86 0.00	14.56 0.85 0.00	14.27 0.88 0.00	15.90 0.94 0.00	19.64 1.15 0.00	21.99 1.15 0.00	29.51 1.41 0.00	30.38 1.50 0.00	24.44 1.07 0.00	22.41 1.07 0.01	20.17 0.96 0.01
RAVENSWOOD_GT_6 24253	20.38 0.77 0.01	19.15 0.72 0.01	18.52 0.70 0.01	18.16 0.68 0.01	18.64 0.67 0.01	19.09 0.61 0.01	21.34 0.82 0.00	22.36 1.06 0.00	19.79 0.91 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.86 0.95 0.00	15.73 0.89 0.00	15.25 0.86 0.00	14.56 0.85 0.00	14.27 0.88 0.00	15.90 0.94 0.00	19.64 1.15 0.00	21.99 1.15 0.00	29.51 1.41 0.00	30.38 1.50 0.00	24.44 1.07 0.00	22.41 1.07 0.01	20.17 0.96 0.01
RAVENSWOOD_GT_7 24255	20.38 0.77 0.01	19.15 0.72 0.01	18.52 0.70 0.01	18.16 0.68 0.01	18.64 0.67 0.01	19.09 0.61 0.01	21.34 0.82 0.00	22.36 1.06 0.00	19.79 0.91 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.86 0.95 0.00	15.73 0.89 0.00	15.25 0.86 0.00	14.56 0.85 0.00	14.27 0.88 0.00	15.90 0.94 0.00	19.64 1.15 0.00	21.99 1.15 0.00	29.51 1.41 0.00	30.38 1.50 0.00	24.44 1.07 0.00	22.41 1.07 0.01	20.17 0.96 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.40 0.78 0.00	19.17 0.74 0.00	18.54 0.71 0.00	18.19 0.70 0.00	18.66 0.68 0.00	19.11 0.63 0.00	21.36 0.84 0.00	22.36 1.06 0.00	19.79 0.91 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.74 0.91 0.00	15.25 0.86 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.64 1.15 0.00	22.01 1.17 0.00	29.54 1.43 0.00	30.40 1.53 0.00	24.46 1.10 0.00	22.42 1.07 0.00	20.19 0.98 0.00
RAVENSWOOD_GT_9 24257	20.40 0.78 0.00	19.17 0.74 0.00	18.54 0.71 0.00	18.19 0.70 0.00	18.66 0.68 0.00	19.11 0.63 0.00	21.36 0.84 0.00	22.36 1.06 0.00	19.79 0.91 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.74 0.91 0.00	15.25 0.86 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.64 1.15 0.00	22.01 1.17 0.00	29.54 1.43 0.00	30.40 1.53 0.00	24.46 1.10 0.00	22.42 1.07 0.00	20.19 0.98 0.00
RAVENSWOOD___1 23533	20.53 0.90 -0.01	19.22 0.77 -0.01	18.64 0.80 -0.01	18.28 0.79 -0.01	18.78 0.79 -0.01	19.23 0.74 -0.01	21.48 0.96 0.00	22.44 1.15 0.00	19.83 0.94 0.00	18.80 1.05 0.00	17.52 1.04 0.00	16.94 1.03 0.00	15.78 0.94 0.00	15.29 0.91 0.00	14.64 0.93 0.00	14.35 0.96 0.00	15.98 1.02 0.00	19.73 1.24 0.00	22.10 1.25 0.00	29.65 1.54 0.00	30.55 1.67 0.00	24.53 1.17 0.00	22.59 1.24 -0.01	20.31 1.09 -0.01

RAVENSWOOD___2 23534	20.53 0.90 -0.01	19.22 0.77 -0.01	18.64 0.80 -0.01	18.26 0.77 -0.01	18.78 0.79 -0.01	19.23 0.74 -0.01	21.48 0.96 0.00	22.44 1.15 0.00	19.83 0.94 0.00	18.80 1.05 0.00	17.52 1.04 0.00	16.94 1.03 0.00	15.78 0.94 0.00	15.28 0.89 0.00	14.64 0.93 0.00	14.35 0.96 0.00	15.98 1.02 0.00	19.71 1.22 0.00	22.07 1.23 0.00	29.65 1.54 0.00	30.55 1.67 0.00	24.53 1.17 0.00	22.59 1.24 -0.01	20.29 1.08 -0.01
RAVENSWOOD___3 23535	20.40 0.79 0.00	19.12 0.68 0.00	18.54 0.71 0.00	18.17 0.68 0.00	18.68 0.70 0.00	19.11 0.63 0.00	21.38 0.86 0.00	22.36 1.06 0.00	19.79 0.91 0.00	18.75 0.99 0.00	17.45 0.97 0.00	16.88 0.97 0.00	15.71 0.88 0.00	15.22 0.83 0.00	14.57 0.86 0.00	14.28 0.90 0.00	15.92 0.96 0.00	19.66 1.17 0.00	22.01 1.17 0.00	29.54 1.43 0.00	30.40 1.53 0.00	24.46 1.10 0.00	22.46 1.11 0.00	20.19 0.98 0.00
RAVENSWOOD___4 23820	20.51 0.88 -0.01	19.22 0.77 -0.01	18.64 0.80 -0.01	18.26 0.77 -0.01	18.78 0.79 -0.01	19.23 0.74 -0.01	21.46 0.94 0.00	22.42 1.13 0.00	19.83 0.94 0.00	18.80 1.05 0.00	17.50 1.02 0.00	16.92 1.02 0.00	15.78 0.94 0.00	15.28 0.89 0.00	14.64 0.93 0.00	14.34 0.95 0.00	15.98 1.02 0.00	19.71 1.22 0.00	22.07 1.23 0.00	29.65 1.54 0.00	30.55 1.67 0.00	24.51 1.14 0.00	22.57 1.22 -0.01	20.29 1.08 -0.01
RCPI_TRUST___DRP 24196	20.40 0.78 0.00	19.17 0.74 0.00	18.54 0.71 0.00	18.19 0.70 0.00	18.66 0.68 0.00	19.11 0.63 0.00	21.38 0.86 0.00	22.38 1.09 0.00	19.81 0.93 0.00	18.76 1.01 0.00	17.47 0.99 0.00	16.89 0.99 0.00	15.76 0.92 0.00	15.26 0.88 0.00	14.59 0.88 0.00	14.30 0.91 0.00	15.93 0.97 0.00	19.66 1.16 0.00	22.03 1.19 0.00	29.57 1.46 0.00	30.43 1.56 0.00	24.46 1.10 0.00	22.44 1.09 0.00	20.21 1.00 0.00
RED___ROCHESTER 323720	19.68 0.06 0.00	18.42 -0.02 0.00	17.74 -0.09 0.00	17.45 -0.03 0.00	17.92 -0.05 0.00	18.50 0.02 0.00	20.44 -0.08 0.00	20.85 -0.45 0.00	18.53 -0.36 0.00	17.34 -0.41 0.00	16.12 -0.36 0.00	15.48 -0.43 0.00	14.51 -0.33 0.00	14.07 -0.32 0.00	13.32 -0.38 0.00	12.99 -0.40 0.00	14.54 -0.42 0.00	17.92 -0.57 0.00	20.43 -0.42 0.00	27.35 -0.76 0.00	28.15 -0.72 0.00	22.94 -0.42 0.00	20.84 -0.51 0.00	18.87 -0.35 0.00
REGAN___SOLAR 323812	21.28 1.67 0.00	19.86 1.42 0.00	19.24 1.41 0.00	18.82 1.33 0.00	19.42 1.44 0.00	20.04 1.55 0.00	22.29 1.76 0.00	23.02 1.72 0.00	20.30 1.42 0.00	18.92 1.17 0.00	17.48 1.01 0.00	16.84 0.94 0.00	15.69 0.85 0.00	15.16 0.78 0.00	14.43 0.73 0.00	14.14 0.75 0.00	15.92 0.96 0.00	19.84 1.35 0.00	22.66 1.81 0.00	30.72 2.61 0.00	31.71 2.83 0.00	25.65 2.29 0.00	23.35 2.01 0.00	20.86 1.65 0.00
RENSSELAER___COGEN 23796	20.11 0.49 0.00	18.90 0.46 0.00	18.29 0.46 0.00	17.92 0.44 0.00	18.45 0.47 0.00	18.95 0.46 0.00	21.03 0.51 0.00	21.85 0.55 0.00	19.38 0.49 0.00	18.25 0.50 0.00	16.96 0.48 0.00	16.38 0.48 0.00	15.27 0.43 0.00	14.80 0.42 0.00	14.12 0.41 0.00	13.80 0.42 0.00	15.41 0.45 0.00	19.03 0.54 0.00	21.43 0.58 0.00	28.89 0.79 0.00	29.65 0.78 0.00	23.95 0.58 0.00	21.93 0.58 0.00	19.73 0.52 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.95 1.33 0.00	19.52 1.09 0.00	18.92 1.09 0.00	18.50 1.01 0.00	19.13 1.15 0.00	19.72 1.24 0.00	21.92 1.40 0.00	22.72 1.43 0.00	20.15 1.27 0.00	18.83 1.08 0.00	17.37 0.89 0.00	16.75 0.84 0.00	15.55 0.71 0.00	15.09 0.70 0.00	14.39 0.69 0.00	14.08 0.70 0.00	15.75 0.79 0.00	19.53 1.04 0.00	22.20 1.35 0.00	30.10 2.00 0.00	31.04 2.17 0.00	24.97 1.61 0.00	22.78 1.43 0.00	20.38 1.17 0.00
REVERE_CPPR_DRP 24186	20.30 0.69 0.00	19.04 0.61 0.00	18.42 0.59 0.00	18.05 0.56 0.00	18.54 0.56 0.00	19.11 0.63 0.00	21.20 0.68 0.00	22.00 0.70 0.00	19.47 0.59 0.00	18.25 0.50 0.00	16.92 0.44 0.00	16.32 0.41 0.00	15.20 0.36 0.00	14.73 0.35 0.00	14.02 0.32 0.00	13.69 0.31 0.00	15.37 0.40 0.00	19.03 0.54 0.00	21.55 0.71 0.00	29.17 1.07 0.00	30.03 1.15 0.00	24.25 0.89 0.00	22.12 0.77 0.00	19.86 0.65 0.00
REYNOLDS_115KV_TB3 80639	20.09 0.47 0.00	18.88 0.44 0.00	18.26 0.43 0.00	17.91 0.42 0.00	18.41 0.43 0.00	18.89 0.41 0.00	20.97 0.45 0.00	21.80 0.51 0.00	19.34 0.45 0.00	18.23 0.48 0.00	16.96 0.48 0.00	16.38 0.48 0.00	15.26 0.42 0.00	14.80 0.42 0.00	14.12 0.41 0.00	13.80 0.41 0.00	15.41 0.45 0.00	19.01 0.52 0.00	21.39 0.54 0.00	28.87 0.76 0.00	29.60 0.72 0.00	23.88 0.51 0.00	21.92 0.58 0.00	19.71 0.50 0.00
RIVERBAY____ 323610	20.71 1.08 -0.01	19.48 1.03 -0.01	18.84 1.00 -0.01	18.49 1.00 -0.01	18.98 0.99 -0.01	19.44 0.94 -0.01	21.69 1.17 0.00	22.53 1.24 0.00	19.83 0.94 0.00	18.80 1.05 0.00	17.50 1.02 0.00	16.92 1.02 0.00	15.79 0.95 0.00	15.31 0.92 0.00	14.63 0.92 0.00	14.34 0.95 0.00	15.96 1.00 0.00	19.69 1.20 0.00	22.07 1.23 0.00	29.65 1.55 0.00	30.58 1.70 0.00	24.51 1.14 0.00	22.66 1.30 -0.01	20.43 1.21 -0.01
RIVERSDE_115KV_TB3 55908	20.15 0.53 0.00	18.93 0.50 0.00	18.29 0.46 0.00	17.94 0.45 0.00	18.46 0.49 0.00	18.95 0.46 0.00	21.03 0.51 0.00	21.85 0.55 0.00	19.40 0.51 0.00	18.27 0.51 0.00	16.99 0.51 0.00	16.40 0.49 0.00	15.28 0.45 0.00	14.83 0.45 0.00	14.13 0.42 0.00	13.83 0.44 0.00	15.44 0.48 0.00	19.05 0.55 0.00	21.45 0.60 0.00	28.92 0.82 0.00	29.68 0.81 0.00	23.95 0.58 0.00	21.97 0.62 0.00	19.75 0.54 0.00
ROARING___BROOK_WT_PWR 323790	19.46 -0.16 0.00	18.33 -0.11 0.00	17.74 -0.09 0.00	17.40 -0.09 0.00	17.91 -0.07 0.00	18.41 -0.07 0.00	20.42 -0.10 0.00	21.19 -0.11 0.00	18.79 -0.09 0.00	17.63 -0.12 0.00	16.33 -0.15 0.00	15.75 -0.16 0.00	14.68 -0.16 0.00	14.21 -0.17 0.00	13.53 -0.18 0.00	13.20 -0.19 0.00	14.75 -0.21 0.00	18.29 -0.20 0.00	20.68 -0.17 0.00	27.91 -0.20 0.00	28.67 -0.20 0.00	23.22 -0.14 0.00	21.20 -0.15 0.00	19.10 -0.11 0.00
ROCHESRG_115KV_T4 355643	19.44 -0.18 0.00	18.18 -0.26 0.00	17.60 -0.23 0.00	17.28 -0.21 0.00	17.76 -0.22 0.00	18.36 -0.13 0.00	20.25 -0.27 0.00	20.66 -0.64 0.00	18.36 -0.53 0.00	17.18 -0.57 0.00	15.97 -0.51 0.00	15.33 -0.57 0.00	14.35 -0.49 0.00	13.88 -0.50 0.00	13.20 -0.51 0.00	12.88 -0.51 0.00	14.42 -0.54 0.00	17.77 -0.72 0.00	20.22 -0.63 0.00	27.04 -1.07 0.00	27.83 -1.04 0.00	22.68 -0.68 0.00	20.60 -0.75 0.00	18.69 -0.52 0.00
ROCHESTER_9_IC 23652	19.54 -0.08 0.00	18.27 -0.17 0.00	17.69 -0.14 0.00	17.36 -0.12 0.00	17.85 -0.13 0.00	18.45 -0.04 0.00	20.36 -0.16 0.00	20.76 -0.53 0.00	18.45 -0.43 0.00	17.27 -0.48 0.00	16.05 -0.43 0.00	15.41 -0.49 0.00	14.42 -0.42 0.00	13.95 -0.43 0.00	13.27 -0.44 0.00	12.94 -0.44 0.00	14.48 -0.48 0.00	17.84 -0.65 0.00	20.32 -0.52 0.00	27.18 -0.93 0.00	28.01 -0.87 0.00	22.82 -0.54 0.00	20.71 -0.64 0.00	18.79 -0.42 0.00

ROCKVIEW_13_KV_LD 356306	20.38 0.77 0.00	19.15 0.72 0.00	18.51 0.68 0.00	18.15 0.66 0.00	18.64 0.67 0.00	19.11 0.63 0.00	21.38 0.86 0.00	22.40 1.11 0.00	19.83 0.94 0.00	18.75 0.99 0.00	17.43 0.96 0.00	16.86 0.95 0.00	15.72 0.88 0.00	15.23 0.85 0.00	14.54 0.84 0.00	14.26 0.87 0.00	15.90 0.94 0.00	19.64 1.15 0.00	22.01 1.17 0.00	29.57 1.46 0.00	30.43 1.56 0.00	24.51 1.14 0.00	22.44 1.09 0.00	20.15 0.94 0.00
ROME____115KV_TB2 80656	20.30 0.69 0.00	19.04 0.61 0.00	18.42 0.59 0.00	18.05 0.56 0.00	18.54 0.56 0.00	19.11 0.63 0.00	21.20 0.68 0.00	22.00 0.70 0.00	19.47 0.59 0.00	18.25 0.50 0.00	16.92 0.44 0.00	16.32 0.41 0.00	15.20 0.36 0.00	14.73 0.35 0.00	14.02 0.32 0.00	13.69 0.31 0.00	15.37 0.40 0.00	19.03 0.54 0.00	21.55 0.71 0.00	29.17 1.07 0.00	30.03 1.15 0.00	24.25 0.89 0.00	22.12 0.77 0.00	19.86 0.65 0.00
ROSETON___1 23587	20.15 0.53 0.00	18.91 0.48 0.00	18.31 0.48 0.00	17.96 0.47 0.00	18.46 0.49 0.00	18.95 0.46 0.00	21.12 0.60 0.00	22.04 0.74 0.00	19.55 0.66 0.00	18.44 0.69 0.00	17.15 0.68 0.00	16.57 0.67 0.00	15.43 0.59 0.00	14.96 0.58 0.00	14.30 0.59 0.00	14.00 0.62 0.00	15.62 0.66 0.00	19.29 0.79 0.00	21.64 0.79 0.00	29.12 1.01 0.00	29.91 1.04 0.00	24.13 0.77 0.00	22.10 0.75 0.00	19.86 0.65 0.00
ROSETON___2 23588	20.15 0.53 0.00	18.91 0.48 0.00	18.31 0.48 0.00	17.96 0.47 0.00	18.46 0.49 0.00	18.95 0.46 0.00	21.12 0.60 0.00	22.04 0.74 0.00	19.55 0.66 0.00	18.44 0.69 0.00	17.15 0.68 0.00	16.57 0.67 0.00	15.43 0.59 0.00	14.96 0.58 0.00	14.30 0.59 0.00	14.00 0.62 0.00	15.62 0.66 0.00	19.29 0.79 0.00	21.64 0.79 0.00	29.12 1.01 0.00	29.91 1.04 0.00	24.13 0.77 0.00	22.10 0.75 0.00	19.86 0.65 0.00
ROTTDAM_115KV_TB3 80664	20.01 0.39 0.00	18.79 0.35 0.00	18.17 0.34 0.00	17.82 0.33 0.00	18.34 0.36 0.00	18.84 0.35 0.00	20.93 0.41 0.00	21.74 0.45 0.00	19.28 0.40 0.00	18.14 0.39 0.00	16.84 0.36 0.00	16.27 0.37 0.00	15.17 0.33 0.00	14.70 0.32 0.00	14.02 0.32 0.00	13.69 0.31 0.00	15.31 0.34 0.00	18.92 0.43 0.00	21.32 0.48 0.00	28.75 0.65 0.00	29.54 0.66 0.00	23.85 0.49 0.00	21.84 0.49 0.00	19.61 0.40 0.00
RUSSELL___1 23602	19.64 0.02 0.00	18.33 -0.11 0.00	17.74 -0.09 0.00	17.43 -0.05 0.00	17.92 -0.05 0.00	18.50 0.02 0.00	20.44 -0.08 0.00	20.85 -0.00 0.00	18.53 -0.36 0.00	17.34 -0.41 0.00	16.12 -0.36 0.00	15.48 -0.43 0.00	14.48 -0.36 0.00	14.01 -0.37 0.00	13.32 -0.38 0.00	12.98 -0.40 0.00	14.54 -0.42 0.00	17.92 -0.57 0.00	20.43 -0.42 0.00	27.32 -0.00 0.00	28.15 -0.72 0.00	22.94 -0.42 0.00	20.81 -0.53 0.00	18.87 -0.35 0.00
RUSSELL___2 23532	19.64 0.02 0.00	18.33 -0.11 0.00	17.74 -0.09 0.00	17.43 -0.05 0.00	17.92 -0.05 0.00	18.50 0.02 0.00	20.44 -0.08 0.00	20.85 -0.45 0.00	18.53 -0.36 0.00	17.34 -0.41 0.00	16.12 -0.36 0.00	15.48 -0.43 0.00	14.48 -0.36 0.00	14.01 -0.37 0.00	13.32 -0.38 0.00	12.98 -0.40 0.00	14.54 -0.42 0.00	17.92 -0.57 0.00	20.43 -0.42 0.00	27.32 -0.79 0.00	28.15 -0.72 0.00	22.94 -0.42 0.00	20.81 -0.53 0.00	18.87 -0.35 0.00
RUSSELL___3 23549	19.64 0.02 0.00	18.33 -0.11 0.00	17.74 -0.09 0.00	17.43 -0.05 0.00	17.92 -0.05 0.00	18.50 0.02 0.00	20.44 -0.08 0.00	20.85 -0.45 0.00	18.53 -0.36 0.00	17.34 -0.41 0.00	16.12 -0.36 0.00	15.48 -0.43 0.00	14.48 -0.36 0.00	14.01 -0.37 0.00	13.32 -0.38 0.00	12.98 -0.40 0.00	14.54 -0.42 0.00	17.92 -0.57 0.00	20.43 -0.42 0.00	27.32 -0.79 0.00	28.15 -0.72 0.00	22.94 -0.42 0.00	20.81 -0.53 0.00	18.87 -0.35 0.00
RUSSELL___4 23556	19.64 0.02 0.00	18.33 -0.11 0.00	17.74 -0.09 0.00	17.43 -0.05 0.00	17.92 -0.05 0.00	18.50 0.02 0.00	20.44 -0.08 0.00	20.85 -0.45 0.00	18.53 -0.36 0.00	17.34 -0.41 0.00	16.12 -0.36 0.00	15.48 -0.43 0.00	14.48 -0.36 0.00	14.01 -0.37 0.00	13.32 -0.38 0.00	12.98 -0.40 0.00	14.54 -0.42 0.00	17.92 -0.57 0.00	20.43 -0.42 0.00	27.32 -0.79 0.00	28.15 -0.72 0.00	22.94 -0.42 0.00	20.81 -0.53 0.00	18.87 -0.35 0.00
RUSSELL___STATION 23914	19.64 0.02 0.00	18.33 -0.11 0.00	17.74 -0.09 0.00	17.43 -0.05 0.00	17.92 -0.05 0.00	18.50 0.02 0.00	20.44 -0.08 0.00	20.85 -0.45 0.00	18.53 -0.36 0.00	17.34 -0.41 0.00	16.12 -0.36 0.00	15.48 -0.43 0.00	14.48 -0.36 0.00	14.01 -0.37 0.00	13.32 -0.38 0.00	12.98 -0.40 0.00	14.54 -0.42 0.00	17.92 -0.57 0.00	20.43 -0.42 0.00	27.32 -0.79 0.00	28.15 -0.72 0.00	22.94 -0.42 0.00	20.81 -0.53 0.00	18.87 -0.35 0.00
S SALMON___HYD 24043	19.34 -0.27 0.00	18.12 -0.31 0.00	17.51 -0.32 0.00	17.19 -0.30 0.00	17.66 -0.32 0.00	18.15 -0.33 0.00	20.11 -0.41 0.00	20.78 -0.51 0.00	18.42 -0.47 0.00	17.25 -0.50 0.00	16.03 -0.44 0.00	15.44 -0.46 0.00	14.41 -0.43 0.00	13.95 -0.43 0.00	13.27 -0.44 0.00	12.95 -0.44 0.00	14.51 -0.45 0.00	17.99 -0.50 0.00	20.34 -0.50 0.00	27.54 -0.56 0.00	28.32 -0.55 0.00	22.90 -0.47 0.00	20.94 -0.41 0.00	18.83 -0.38 0.00
S.PERRY__115KV_TB1 80734	20.50 0.88 0.00	19.08 0.65 0.00	18.45 0.62 0.00	18.13 0.65 0.00	18.61 0.63 0.00	19.30 0.81 0.00	21.34 0.82 0.00	21.76 0.47 0.00	19.17 0.28 0.00	17.84 0.09 0.00	16.49 0.02 0.00	15.86 -0.05 0.00	14.82 -0.01 0.00	14.33 -0.06 0.00	13.65 -0.05 0.00	13.32 -0.07 0.00	15.02 0.06 0.00	18.64 0.15 0.00	21.37 0.52 0.00	29.01 0.90 0.00	29.91 1.04 0.00	24.34 0.98 0.00	22.05 0.70 0.00	19.86 0.65 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.64 0.02 0.00	18.33 -0.11 0.00	17.78 -0.05 0.00	17.45 -0.03 0.00	17.94 -0.04 0.00	18.56 0.07 0.00	20.42 -0.10 0.00	20.55 -0.75 0.00	18.32 -0.57 0.00	17.09 -0.66 0.00	15.92 -0.56 0.00	15.27 -0.64 0.00	14.29 -0.55 0.00	13.80 -0.59 0.00	13.13 -0.58 0.00	12.84 -0.55 0.00	14.35 -0.61 0.00	17.66 -0.83 0.00	20.22 -0.63 0.00	26.76 -1.35 0.00	27.58 -1.30 0.00	22.59 -0.77 0.00	20.47 -0.88 0.00	18.73 -0.48 0.00
SAWYER___23_KV_LOAD 55526	19.64 0.02 0.00	18.33 -0.11 0.00	17.78 -0.05 0.00	17.45 -0.03 0.00	17.94 -0.04 0.00	18.56 0.07 0.00	20.42 -0.10 0.00	20.55 -0.75 0.00	18.32 -0.57 0.00	17.09 -0.66 0.00	15.92 -0.56 0.00	15.27 -0.64 0.00	14.29 -0.55 0.00	13.80 -0.59 0.00	13.13 -0.58 0.00	12.84 -0.55 0.00	14.35 -0.61 0.00	17.66 -0.83 0.00	20.22 -0.63 0.00	26.76 -1.35 0.00	27.58 -1.30 0.00	22.59 -0.77 0.00	20.47 -0.88 0.00	18.73 -0.48 0.00
SELKIRK___I 23801	20.17 0.55 0.00	18.93 0.50 0.00	18.33 0.50 0.00	17.96 0.47 0.00	18.48 0.50 0.00	18.99 0.50 0.00	21.07 0.55 0.00	21.87 0.58 0.00	19.40 0.51 0.00	18.25 0.50 0.00	16.94 0.46 0.00	16.37 0.46 0.00	15.27 0.43 0.00	14.79 0.40 0.00	14.11 0.40 0.00	13.79 0.40 0.00	15.40 0.43 0.00	19.01 0.52 0.00	21.41 0.56 0.00	28.89 0.79 0.00	29.68 0.81 0.00	23.97 0.61 0.00	21.95 0.60 0.00	19.75 0.54 0.00

SELKIRK___II 23799	20.05 0.43 0.00	18.84 0.41 0.00	18.24 0.41 0.00	17.87 0.38 0.00	18.39 0.41 0.00	18.89 0.41 0.00	20.97 0.45 0.00	21.78 0.49 0.00	19.32 0.43 0.00	18.20 0.44 0.00	16.91 0.43 0.00	16.34 0.43 0.00	15.22 0.39 0.00	14.76 0.37 0.00	14.08 0.37 0.00	13.76 0.37 0.00	15.37 0.40 0.00	18.97 0.48 0.00	21.34 0.50 0.00	28.78 0.67 0.00	29.57 0.69 0.00	23.88 0.51 0.00	21.86 0.51 0.00	19.67 0.46 0.00
SENECA OSWGO___HYD 24041	19.30 -0.31 0.00	18.10 -0.33 0.00	17.49 -0.34 0.00	17.17 -0.31 0.00	17.66 -0.32 0.00	18.17 -0.31 0.00	20.15 -0.37 0.00	20.85 -0.45 0.00	18.49 -0.40 0.00	17.36 -0.39 0.00	16.12 -0.36 0.00	15.54 -0.37 0.00	14.51 -0.33 0.00	14.06 -0.33 0.00	13.37 -0.34 0.00	13.04 -0.35 0.00	14.60 -0.36 0.00	18.07 -0.42 0.00	20.34 -0.50 0.00	27.46 -0.65 0.00	28.21 -0.66 0.00	22.85 -0.51 0.00	20.86 -0.49 0.00	18.77 -0.44 0.00
SENECA___115KV_TB3 355854	19.95 0.33 0.00	18.62 0.18 0.00	18.03 0.20 0.00	17.71 0.23 0.00	18.19 0.22 0.00	18.86 0.37 0.00	20.75 0.23 0.00	20.89 -0.40 0.00	18.64 -0.25 0.00	17.38 -0.37 0.00	16.18 -0.30 0.00	15.52 -0.38 0.00	14.53 -0.31 0.00	14.01 -0.37 0.00	13.35 -0.36 0.00	13.05 -0.33 0.00	14.59 -0.37 0.00	17.95 -0.54 0.00	20.59 -0.25 0.00	27.29 -0.82 0.00	28.09 -0.78 0.00	23.01 -0.35 0.00	20.86 -0.49 0.00	19.06 -0.15 0.00
SENECA___ENERGY 23797	19.66 0.04 0.00	18.42 -0.02 0.00	17.76 -0.07 0.00	17.45 -0.03 0.00	17.94 -0.04 0.00	18.52 0.04 0.00	20.54 0.02 0.00	21.17 -0.13 0.00	18.77 -0.11 0.00	17.57 -0.18 0.00	16.30 -0.18 0.00	15.70 -0.21 0.00	14.69 -0.15 0.00	14.23 -0.16 0.00	13.50 -0.21 0.00	13.19 -0.20 0.00	14.80 -0.16 0.00	18.31 -0.18 0.00	20.74 -0.10 0.00	27.99 -0.11 0.00	28.76 -0.12 0.00	23.34 -0.02 0.00	21.24 -0.11 0.00	19.12 -0.10 0.00
SHOEMAKER___GT 23640	20.13 0.51 0.00	18.88 0.44 0.00	18.28 0.45 0.00	17.91 0.42 0.00	18.41 0.43 0.00	18.91 0.43 0.00	21.07 0.55 0.00	21.95 0.66 0.00	19.44 0.55 0.00	18.30 0.55 0.00	17.01 0.53 0.00	16.43 0.52 0.00	15.30 0.46 0.00	14.86 0.47 0.00	14.20 0.49 0.00	13.90 0.51 0.00	15.50 0.54 0.00	19.14 0.65 0.00	21.51 0.67 0.00	28.95 0.84 0.00	29.77 0.90 0.00	24.04 0.68 0.00	21.99 0.64 0.00	19.77 0.56 0.00
SHOEMAKR_138KV_BK 111 55601	20.13 0.51 0.00	18.90 0.46 0.00	18.26 0.43 0.00	17.91 0.42 0.00	18.41 0.43 0.00	18.89 0.41 0.00	21.07 0.55 0.00	21.95 0.66 0.00	19.45 0.57 0.00	18.32 0.57 0.00	17.02 0.54 0.00	16.45 0.54 0.00	15.33 0.49 0.00	14.89 0.50 0.00	14.22 0.51 0.00	13.91 0.52 0.00	15.51 0.55 0.00	19.16 0.67 0.00	21.53 0.69 0.00	28.98 0.87 0.00	29.77 0.90 0.00	24.06 0.70 0.00	21.99 0.64 0.00	19.77 0.56 0.00
SHOREHAM_IC_1 23715	21.09 1.47 0.00	19.74 1.31 0.00	19.03 1.19 0.00	18.62 1.14 0.00	19.09 1.12 0.00	19.63 1.15 0.00	24.23 1.54 -2.17	25.42 1.70 -2.42	20.17 1.28 0.00	18.92 1.17 0.00	17.42 0.94 0.00	16.78 0.87 0.00	15.60 0.76 0.00	15.13 0.75 0.00	14.59 0.88 0.00	14.27 0.88 0.00	16.10 1.14 0.00	20.01 1.52 0.00	22.72 1.88 0.00	30.38 2.28 0.00	31.30 2.43 0.00	25.55 1.89 -0.29	23.31 1.94 -0.02	20.63 1.42 0.00
SHOREHAM_IC_2 23716	21.09 1.47 0.00	19.74 1.31 0.00	19.03 1.19 0.00	18.62 1.14 0.00	19.09 1.12 0.00	19.63 1.15 0.00	24.23 1.54 -2.17	25.42 1.70 -2.42	20.17 1.28 0.00	18.92 1.17 0.00	17.42 0.94 0.00	16.78 0.87 0.00	15.60 0.76 0.00	15.13 0.75 0.00	14.59 0.88 0.00	14.27 0.88 0.00	16.10 1.14 0.00	20.01 1.52 0.00	22.72 1.88 0.00	30.38 2.28 0.00	31.30 2.43 0.00	25.55 1.89 -0.29	23.31 1.94 -0.02	20.63 1.42 0.00
SISSONVILLE____ 23735	18.95 -0.67 0.00	17.85 -0.59 0.00	17.26 -0.57 0.00	16.91 -0.58 0.00	17.40 -0.58 0.00	17.89 -0.59 0.00	19.78 -0.74 0.00	20.53 -0.77 0.00	18.21 -0.68 0.00	17.01 -0.75 0.00	15.74 -0.74 0.00	15.14 -0.76 0.00	14.16 -0.68 0.00	13.71 -0.68 0.00	13.05 -0.66 0.00	12.74 -0.64 0.00	14.26 -0.70 0.00	17.70 -0.80 0.00	20.12 -0.73 0.00	27.26 -0.84 0.00	28.04 -0.84 0.00	22.73 -0.63 0.00	20.75 -0.60 0.00	18.62 -0.60 0.00
SITHE_IND_GS1 24169	19.11 -0.51 0.00	17.94 -0.50 0.00	17.33 -0.50 0.00	17.02 -0.47 0.00	17.49 -0.48 0.00	18.01 -0.48 0.00	19.97 -0.55 0.00	20.66 -0.64 0.00	18.32 -0.57 0.00	17.20 -0.55 0.00	15.98 -0.49 0.00	15.41 -0.49 0.00	14.39 -0.44 0.00	13.95 -0.43 0.00	13.27 -0.44 0.00	12.96 -0.43 0.00	14.50 -0.46 0.00	17.90 -0.59 0.00	20.16 -0.69 0.00	27.15 -0.96 0.00	27.89 -0.98 0.00	22.59 -0.77 0.00	20.62 -0.73 0.00	18.58 -0.63 0.00
SITHE_IND_GS2 24170	19.11 -0.51 0.00	17.94 -0.50 0.00	17.33 -0.50 0.00	17.02 -0.47 0.00	17.49 -0.48 0.00	18.01 -0.48 0.00	19.97 -0.55 0.00	20.66 -0.64 0.00	18.32 -0.57 0.00	17.20 -0.55 0.00	15.98 -0.49 0.00	15.41 -0.49 0.00	14.39 -0.44 0.00	13.95 -0.43 0.00	13.27 -0.44 0.00	12.96 -0.43 0.00	14.50 -0.46 0.00	17.90 -0.59 0.00	20.16 -0.69 0.00	27.15 -0.96 0.00	27.89 -0.98 0.00	22.59 -0.77 0.00	20.62 -0.73 0.00	18.58 -0.63 0.00
SITHE_IND_GS3 24171	19.11 -0.51 0.00	17.94 -0.50 0.00	17.33 -0.50 0.00	17.02 -0.47 0.00	17.49 -0.48 0.00	18.01 -0.48 0.00	19.97 -0.55 0.00	20.66 -0.64 0.00	18.32 -0.57 0.00	17.20 -0.55 0.00	15.98 -0.49 0.00	15.41 -0.49 0.00	14.39 -0.44 0.00	13.95 -0.43 0.00	13.27 -0.44 0.00	12.96 -0.43 0.00	14.50 -0.46 0.00	17.90 -0.59 0.00	20.16 -0.69 0.00	27.15 -0.96 0.00	27.89 -0.98 0.00	22.59 -0.77 0.00	20.62 -0.73 0.00	18.58 -0.63 0.00
SITHE_IND_GS4 24172	19.11 -0.51 0.00	17.94 -0.50 0.00	17.33 -0.50 0.00	17.02 -0.47 0.00	17.49 -0.48 0.00	18.01 -0.48 0.00	19.97 -0.55 0.00	20.66 -0.64 0.00	18.32 -0.57 0.00	17.20 -0.55 0.00	15.98 -0.49 0.00	15.41 -0.49 0.00	14.39 -0.44 0.00	13.95 -0.43 0.00	13.27 -0.44 0.00	12.96 -0.43 0.00	14.50 -0.46 0.00	17.90 -0.59 0.00	20.16 -0.69 0.00	27.15 -0.96 0.00	27.89 -0.98 0.00	22.59 -0.77 0.00	20.62 -0.73 0.00	18.58 -0.63 0.00
SITHE___BATAVIA 24024	19.91 0.29 0.00	18.62 0.18 0.00	17.92 0.09 0.00	17.68 0.19 0.00	18.16 0.18 0.00	18.73 0.24 0.00	20.64 0.12 0.00	20.83 -0.47 0.00	18.53 -0.36 0.00	17.24 -0.52 0.00	16.02 -0.46 0.00	15.35 -0.56 0.00	14.42 -0.42 0.00	13.98 -0.40 0.00	13.22 -0.49 0.00	12.91 -0.48 0.00	14.45 -0.51 0.00	17.79 -0.70 0.00	20.45 -0.40 0.00	27.21 -0.90 0.00	28.07 -0.81 0.00	22.94 -0.42 0.00	20.82 -0.53 0.00	18.94 -0.27 0.00
SITHE___INDEPEND 23800	19.11 -0.51 0.00	17.92 -0.52 0.00	17.33 -0.50 0.00	17.02 -0.47 0.00	17.48 -0.50 0.00	18.01 -0.48 0.00	19.97 -0.55 0.00	20.66 -0.64 0.00	18.32 -0.57 0.00	17.20 -0.55 0.00	15.98 -0.49 0.00	15.41 -0.49 0.00	14.38 -0.46 0.00	13.94 -0.45 0.00	13.27 -0.44 0.00	12.96 -0.43 0.00	14.50 -0.46 0.00	17.90 -0.59 0.00	20.16 -0.69 0.00	27.15 -0.96 0.00	27.89 -0.98 0.00	22.59 -0.77 0.00	20.62 -0.73 0.00	18.58 -0.63 0.00

SITHE___MASSENA 23902	19.52 -0.10 0.00	18.38 -0.06 0.00	17.79 -0.04 0.00	17.43 -0.05 0.00	17.94 -0.04 0.00	18.45 -0.04 0.00	20.42 -0.10 0.00	21.19 -0.11 0.00	18.79 -0.09 0.00	17.59 -0.16 0.00	16.28 -0.20 0.00	15.68 -0.22 0.00	14.66 -0.18 0.00	14.21 -0.17 0.00	13.53 -0.18 0.00	13.21 -0.17 0.00	14.77 -0.19 0.00	18.29 -0.20 0.00	20.72 -0.12 0.00	28.02 -0.08 0.00	28.79 -0.09 0.00	23.34 -0.02 0.00	21.31 -0.04 0.00	19.17 -0.04 0.00
SITHE___OGDNSBRG 24021	19.54 -0.08 0.00	18.40 -0.04 0.00	17.79 -0.04 0.00	17.43 -0.05 0.00	17.94 -0.04 0.00	18.45 -0.04 0.00	20.42 -0.10 0.00	21.17 -0.13 0.00	18.79 -0.09 0.00	17.54 -0.21 0.00	16.20 -0.28 0.00	15.62 -0.29 0.00	14.59 -0.25 0.00	14.13 -0.26 0.00	13.45 -0.26 0.00	13.15 -0.24 0.00	14.71 -0.25 0.00	18.25 -0.24 0.00	20.76 -0.08 0.00	28.16 0.06 0.00	28.99 0.12 0.00	23.48 0.12 0.00	21.41 0.06 0.00	19.21 0.00 0.00
SITHE___STERLING 23777	20.17 0.55 0.00	18.93 0.50 0.00	18.29 0.46 0.00	17.94 0.45 0.00	18.43 0.45 0.00	18.99 0.50 0.00	21.07 0.55 0.00	21.85 0.55 0.00	19.36 0.47 0.00	18.16 0.41 0.00	16.84 0.36 0.00	16.24 0.33 0.00	15.14 0.30 0.00	14.69 0.30 0.00	13.98 0.27 0.00	13.64 0.25 0.00	15.29 0.33 0.00	18.93 0.44 0.00	21.41 0.56 0.00	28.95 0.84 0.00	29.77 0.90 0.00	24.06 0.70 0.00	21.95 0.60 0.00	19.73 0.52 0.00
SLEIGHT__34_KV_TB1 80719	19.38 -0.24 0.00	18.14 -0.29 0.00	17.55 -0.29 0.00	17.24 -0.24 0.00	17.71 -0.27 0.00	18.30 -0.18 0.00	20.25 -0.27 0.00	20.78 -0.51 0.00	18.47 -0.42 0.00	17.29 -0.46 0.00	16.05 -0.43 0.00	15.44 -0.46 0.00	14.44 -0.40 0.00	13.97 -0.42 0.00	13.28 -0.42 0.00	12.94 -0.44 0.00	14.51 -0.45 0.00	17.92 -0.57 0.00	20.32 -0.52 0.00	27.32 -0.79 0.00	28.12 -0.75 0.00	22.85 -0.51 0.00	20.75 -0.60 0.00	18.75 -0.46 0.00
SOUTH CAIRO___GT 23612	20.83 1.22 0.00	19.52 1.09 0.00	18.90 1.07 0.00	18.50 1.01 0.00	19.09 1.12 0.00	19.56 1.07 0.00	21.69 1.17 0.00	22.34 1.04 0.00	19.64 0.76 0.00	18.30 0.55 0.00	16.92 0.45 0.00	16.34 0.43 0.00	15.21 0.37 0.00	14.75 0.36 0.00	14.09 0.38 0.00	13.76 0.37 0.00	15.41 0.45 0.00	19.04 0.55 0.00	21.59 0.75 0.00	29.31 1.21 0.00	30.23 1.36 0.00	24.37 1.00 0.00	22.31 0.96 0.00	20.10 0.88 0.00
SOUTH HAMPTN___IC 23720	21.42 1.80 0.00	20.06 1.62 0.00	19.33 1.50 0.00	18.92 1.43 0.00	19.40 1.42 0.00	19.95 1.46 0.00	24.60 1.91 -2.17	25.78 2.06 -2.42	20.51 1.62 0.00	19.22 1.47 0.00	17.67 1.19 0.00	17.00 1.10 0.00	15.79 0.95 0.00	15.31 0.92 0.00	14.75 1.04 0.00	14.43 1.04 0.00	16.28 1.32 0.00	20.25 1.76 0.00	23.05 2.21 0.00	30.89 2.78 0.00	31.82 2.95 0.00	26.02 2.36 -0.29	23.72 2.35 -0.02	20.98 1.77 0.00
SOUTHDOW__115KV_TB1 355954	20.78 1.16 0.00	19.38 0.94 0.00	18.72 0.89 0.00	18.40 0.91 0.00	18.90 0.92 0.00	19.63 1.15 0.00	21.69 1.17 0.00	21.95 0.66 0.00	19.59 0.70 0.00	18.25 0.50 0.00	17.01 0.53 0.00	16.30 0.40 0.00	15.24 0.40 0.00	14.69 0.30 0.00	13.97 0.26 0.00	13.68 0.29 0.00	15.31 0.34 0.00	18.86 0.37 0.00	21.70 0.85 0.00	28.84 0.73 0.00	29.65 0.78 0.00	24.30 0.93 0.00	22.01 0.66 0.00	19.98 0.77 0.00
SOUTHOLD_69_KV_BK 2 55809	21.66 2.04 0.00	20.32 1.88 0.00	19.56 1.73 0.00	19.15 1.66 0.00	19.61 1.64 0.00	20.17 1.68 0.00	24.85 2.15 -2.17	26.06 2.34 -2.42	20.76 1.87 0.00	19.44 1.69 0.00	17.85 1.37 0.00	17.16 1.26 0.00	16.12 1.28 0.00	15.61 1.22 0.00	14.83 1.12 0.00	14.51 1.12 0.00	16.40 1.44 0.00	20.41 1.92 0.00	23.28 2.44 0.00	31.31 3.20 0.00	32.28 3.41 0.00	26.34 2.69 -0.29	23.97 2.60 -0.02	21.23 2.02 0.00
SOUTHOLD___IC 23719	21.66 2.04 0.00	20.28 1.84 0.00	19.56 1.73 0.00	19.13 1.64 0.00	19.61 1.64 0.00	20.17 1.68 0.00	24.85 2.15 -2.17	26.06 2.34 -2.42	20.76 1.87 0.00	19.44 1.69 0.00	17.84 1.37 0.00	17.16 1.26 0.00	15.91 1.07 0.00	15.39 1.01 0.00	14.83 1.12 0.00	14.51 1.12 0.00	16.40 1.44 0.00	20.41 1.92 0.00	23.28 2.44 0.00	31.25 3.15 0.00	32.22 3.35 0.00	26.34 2.69 -0.29	23.99 2.63 -0.02	21.23 2.02 0.00
SOUTH_FORK_WT_PWR 323839	21.68 2.06 0.00	20.34 1.90 0.00	19.61 1.78 0.00	19.20 1.71 0.00	19.67 1.69 0.00	20.21 1.72 0.00	24.91 2.22 -2.17	26.10 2.38 -2.42	20.81 1.93 0.00	19.49 1.74 0.00	17.88 1.40 0.00	17.19 1.29 0.00	15.91 1.07 0.00	15.38 0.99 0.00	14.81 1.10 0.00	14.48 1.10 0.00	16.38 1.42 0.00	20.40 1.90 0.00	23.30 2.46 0.00	31.28 3.18 0.00	32.25 3.38 0.00	26.39 2.73 -0.29	24.06 2.69 -0.02	21.29 2.08 0.00
SPIERFLS_115KV_TB 1 80737	20.15 0.53 0.00	18.86 0.42 0.00	18.26 0.43 0.00	17.89 0.40 0.00	18.43 0.45 0.00	18.97 0.48 0.00	21.07 0.55 0.00	21.89 0.60 0.00	19.42 0.53 0.00	18.23 0.48 0.00	16.87 0.40 0.00	16.29 0.38 0.00	15.15 0.31 0.00	14.69 0.30 0.00	14.01 0.30 0.00	13.71 0.32 0.00	15.32 0.36 0.00	18.95 0.46 0.00	21.47 0.63 0.00	29.01 0.90 0.00	29.83 0.95 0.00	24.04 0.68 0.00	21.99 0.64 0.00	19.71 0.50 0.00
ST LAWRENCE___ 23600	19.38 -0.23 0.00	18.25 -0.18 0.00	17.67 -0.16 0.00	17.31 -0.17 0.00	17.82 -0.16 0.00	18.30 -0.18 0.00	20.27 -0.25 0.00	21.04 -0.25 0.00	18.66 -0.23 0.00	17.49 -0.27 0.00	16.20 -0.28 0.00	15.62 -0.29 0.00	14.59 -0.25 0.00	14.13 -0.26 0.00	13.46 -0.25 0.00	13.15 -0.24 0.00	14.69 -0.27 0.00	18.19 -0.30 0.00	20.57 -0.27 0.00	27.80 -0.31 0.00	28.59 -0.29 0.00	23.15 -0.21 0.00	21.14 -0.21 0.00	19.02 -0.19 0.00
STATE_CA_115KV_115_LB 55624	20.27 0.65 0.00	19.03 0.59 0.00	18.40 0.57 0.00	18.03 0.54 0.00	18.55 0.58 0.00	19.06 0.57 0.00	21.16 0.64 0.00	21.98 0.68 0.00	19.49 0.60 0.00	18.36 0.60 0.00	17.05 0.58 0.00	16.48 0.57 0.00	15.36 0.52 0.00	14.89 0.50 0.00	14.20 0.49 0.00	13.88 0.50 0.00	15.50 0.54 0.00	19.14 0.65 0.00	21.55 0.71 0.00	29.06 0.96 0.00	29.86 0.98 0.00	24.09 0.72 0.00	22.10 0.75 0.00	19.85 0.63 0.00
STATE_ST_34_KV_LOAD 55959	19.68 0.06 0.00	18.45 0.02 0.00	17.83 0.00 0.00	17.49 0.00 0.00	17.98 0.00 0.00	18.56 0.07 0.00	20.60 0.08 0.00	21.29 0.00 0.00	18.93 0.04 0.00	17.75 0.00 0.00	16.46 -0.02 0.00	15.87 -0.03 0.00	14.81 -0.03 0.00	14.34 -0.04 0.00	13.65 -0.05 0.00	13.32 -0.07 0.00	14.93 -0.03 0.00	18.47 -0.02 0.00	20.87 0.02 0.00	28.19 0.08 0.00	28.93 0.06 0.00	23.46 0.09 0.00	21.35 0.00 0.00	19.21 0.00 0.00
STATION 5_MISC_HYD 23604	19.60 -0.02 0.00	18.34 -0.09 0.00	17.69 -0.14 0.00	17.38 -0.10 0.00	17.87 -0.11 0.00	18.43 -0.06 0.00	20.36 -0.16 0.00	20.76 -0.53 0.00	18.45 -0.43 0.00	17.27 -0.48 0.00	16.05 -0.43 0.00	15.41 -0.49 0.00	14.45 -0.39 0.00	14.01 -0.37 0.00	13.27 -0.44 0.00	12.95 -0.44 0.00	14.48 -0.48 0.00	17.84 -0.65 0.00	20.32 -0.52 0.00	27.21 -0.90 0.00	28.01 -0.87 0.00	22.83 -0.54 0.00	20.73 -0.62 0.00	18.79 -0.42 0.00

STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.68 0.06 0.00	18.40 -0.04 0.00	17.79 -0.04 0.00	17.49 0.00 0.00	17.96 -0.02 0.00	18.58 0.09 0.00	20.56 0.04 0.00	21.08 -0.21 0.00	18.72 -0.17 0.00	17.52 -0.23 0.00	16.25 -0.23 0.00	15.64 -0.27 0.00	14.62 -0.22 0.00	14.14 -0.24 0.00	13.45 -0.26 0.00	13.11 -0.28 0.00	14.69 -0.27 0.00	18.14 -0.35 0.00	20.62 -0.23 0.00	27.71 -0.39 0.00	28.53 -0.35 0.00	23.20 -0.16 0.00	21.05 -0.30 0.00	19.02 -0.19 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.42 -0.20 0.00	18.14 -0.29 0.00	17.56 -0.27 0.00	17.26 -0.23 0.00	17.74 -0.23 0.00	18.32 -0.17 0.00	20.23 -0.29 0.00	20.68 -0.62 0.00	18.38 -0.51 0.00	17.20 -0.55 0.00	15.98 -0.49 0.00	15.35 -0.56 0.00	14.36 -0.47 0.00	13.90 -0.49 0.00	13.21 -0.49 0.00	12.89 -0.50 0.00	14.44 -0.52 0.00	17.79 -0.70 0.00	20.24 -0.60 0.00	27.09 -1.01 0.00	27.89 -0.98 0.00	22.71 -0.65 0.00	20.62 -0.73 0.00	18.69 -0.52 0.00
STA_56____34_KV_BUS2 355983	19.42 -0.20 0.00	18.14 -0.29 0.00	17.56 -0.27 0.00	17.26 -0.23 0.00	17.74 -0.23 0.00	18.32 -0.17 0.00	20.23 -0.29 0.00	20.68 -0.62 0.00	18.38 -0.51 0.00	17.20 -0.55 0.00	15.98 -0.49 0.00	15.35 -0.56 0.00	14.36 -0.47 0.00	13.90 -0.49 0.00	13.21 -0.49 0.00	12.89 -0.50 0.00	14.44 -0.52 0.00	17.79 -0.70 0.00	20.24 -0.60 0.00	27.09 -1.01 0.00	27.89 -0.98 0.00	22.71 -0.65 0.00	20.62 -0.73 0.00	18.69 -0.52 0.00
STA_67____115KV_BK2 355882	19.50 -0.12 0.00	18.23 -0.20 0.00	17.65 -0.18 0.00	17.33 -0.16 0.00	17.82 -0.16 0.00	18.41 -0.07 0.00	20.31 -0.21 0.00	20.72 -0.57 0.00	18.42 -0.47 0.00	17.24 -0.51 0.00	16.02 -0.46 0.00	15.38 -0.52 0.00	14.39 -0.45 0.00	13.93 -0.46 0.00	13.24 -0.47 0.00	12.92 -0.47 0.00	14.45 -0.51 0.00	17.83 -0.67 0.00	20.28 -0.56 0.00	27.12 -0.98 0.00	27.95 -0.92 0.00	22.75 -0.61 0.00	20.67 -0.68 0.00	18.75 -0.46 0.00
STA_7____115KV_9TRANS 80674	19.64 0.02 0.00	18.33 -0.11 0.00	17.74 -0.09 0.00	17.43 -0.05 0.00	17.92 -0.05 0.00	18.50 0.02 0.00	20.44 -0.08 0.00	20.85 -0.45 0.00	18.53 -0.36 0.00	17.34 -0.41 0.00	16.12 -0.36 0.00	15.48 -0.43 0.00	14.48 -0.36 0.00	14.01 -0.37 0.00	13.32 -0.38 0.00	12.98 -0.40 0.00	14.54 -0.42 0.00	17.92 -0.57 0.00	20.43 -0.42 0.00	27.32 -0.79 0.00	28.15 -0.72 0.00	22.94 -0.42 0.00	20.81 -0.53 0.00	18.87 -0.35 0.00
STA_82____115KV_TB1 80780	19.52 -0.10 0.00	18.23 -0.20 0.00	17.65 -0.18 0.00	17.35 -0.14 0.00	17.83 -0.14 0.00	18.41 -0.07 0.00	20.34 -0.18 0.00	20.74 -0.55 0.00	18.43 -0.45 0.00	17.24 -0.51 0.00	16.02 -0.46 0.00	15.38 -0.52 0.00	14.41 -0.43 0.00	13.93 -0.46 0.00	13.24 -0.47 0.00	12.92 -0.47 0.00	14.47 -0.49 0.00	17.83 -0.67 0.00	20.30 -0.54 0.00	27.15 -0.96 0.00	27.95 -0.92 0.00	22.78 -0.58 0.00	20.69 -0.66 0.00	18.77 -0.44 0.00
STEEL____WIND 323596	20.03 0.41 0.00	18.73 0.29 0.00	18.01 0.18 0.00	17.75 0.26 0.00	18.21 0.23 0.00	18.82 0.33 0.00	20.73 0.21 0.00	20.87 -0.43 0.00	18.62 -0.26 0.00	17.38 -0.37 0.00	16.16 -0.31 0.00	15.51 -0.40 0.00	14.54 -0.30 0.00	14.11 -0.27 0.00	13.34 -0.37 0.00	13.04 -0.35 0.00	14.59 -0.37 0.00	17.95 -0.54 0.00	20.60 -0.25 0.00	27.26 -0.84 0.00	28.07 -0.81 0.00	22.99 -0.37 0.00	20.90 -0.45 0.00	19.06 -0.15 0.00
STEPHTWN_115KV_BK_2 55603	20.34 0.73 0.00	19.10 0.66 0.00	18.45 0.62 0.00	18.12 0.63 0.00	18.63 0.65 0.00	19.13 0.65 0.00	21.24 0.72 0.00	22.06 0.77 0.00	19.57 0.68 0.00	18.41 0.66 0.00	17.12 0.64 0.00	16.53 0.62 0.00	15.39 0.55 0.00	14.93 0.55 0.00	14.23 0.52 0.00	13.92 0.54 0.00	15.54 0.58 0.00	19.19 0.70 0.00	21.64 0.79 0.00	29.20 1.10 0.00	30.00 1.13 0.00	24.20 0.84 0.00	22.18 0.83 0.00	19.94 0.73 0.00
STEUBEN_REC_LFGE 323667	20.62 1.00 0.00	19.21 0.77 0.00	18.54 0.71 0.00	18.24 0.75 0.00	18.68 0.70 0.00	19.41 0.92 0.00	21.51 0.98 0.00	22.08 0.79 0.00	19.57 0.68 0.00	18.28 0.53 0.00	16.94 0.46 0.00	16.35 0.45 0.00	15.27 0.43 0.00	14.75 0.36 0.00	14.04 0.33 0.00	13.71 0.32 0.00	15.44 0.48 0.00	19.19 0.70 0.00	21.89 1.04 0.00	29.65 1.55 0.00	30.43 1.56 0.00	24.81 1.45 0.00	22.48 1.13 0.00	20.21 1.00 0.00
STILLWATER____SOLAR 323814	20.21 0.59 0.00	18.95 0.52 0.00	18.35 0.52 0.00	17.98 0.49 0.00	18.52 0.54 0.00	19.04 0.55 0.00	21.14 0.62 0.00	21.98 0.68 0.00	19.49 0.60 0.00	18.32 0.57 0.00	16.97 0.49 0.00	16.38 0.48 0.00	15.28 0.44 0.00	14.79 0.40 0.00	14.11 0.40 0.00	13.80 0.42 0.00	15.43 0.46 0.00	19.06 0.57 0.00	21.53 0.69 0.00	29.09 0.98 0.00	29.88 1.01 0.00	24.11 0.75 0.00	22.03 0.68 0.00	19.81 0.60 0.00
STONY____BROOK 24151	20.93 1.31 0.00	19.60 1.16 0.00	18.88 1.05 0.00	18.48 1.00 0.00	18.95 0.97 0.00	19.48 1.00 0.00	24.11 1.41 -2.17	25.31 1.60 -2.42	20.06 1.17 0.00	18.83 1.08 0.00	17.35 0.87 0.00	16.73 0.83 0.00	15.57 0.73 0.00	15.12 0.73 0.00	14.56 0.85 0.00	14.24 0.86 0.00	16.05 1.09 0.00	19.91 1.42 0.00	22.64 1.79 0.00	30.16 2.05 0.00	31.04 2.17 0.00	25.46 1.80 -0.29	23.14 1.77 -0.02	20.52 1.31 0.00
STURGEON_POOL_HYD 23609	20.30 0.69 0.00	19.06 0.63 0.00	18.44 0.61 0.00	18.06 0.58 0.00	18.57 0.59 0.00	19.00 0.52 0.00	21.20 0.68 0.00	22.06 0.77 0.00	19.47 0.59 0.00	18.34 0.59 0.00	17.02 0.54 0.00	16.45 0.54 0.00	15.33 0.49 0.00	14.89 0.50 0.00	14.23 0.52 0.00	13.91 0.52 0.00	15.53 0.57 0.00	19.16 0.67 0.00	21.53 0.69 0.00	28.98 0.87 0.00	29.83 0.95 0.00	24.09 0.72 0.00	22.07 0.73 0.00	19.88 0.67 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.19 0.57 0.00	18.95 0.52 0.00	18.31 0.48 0.00	17.96 0.47 0.00	18.46 0.49 0.00	18.95 0.46 0.00	21.16 0.64 0.00	22.08 0.79 0.00	19.55 0.66 0.00	18.43 0.67 0.00	17.12 0.64 0.00	16.56 0.65 0.00	15.43 0.59 0.00	14.98 0.59 0.00	14.30 0.59 0.00	13.99 0.60 0.00	15.62 0.66 0.00	19.27 0.78 0.00	21.66 0.81 0.00	29.15 1.04 0.00	29.94 1.07 0.00	24.18 0.82 0.00	22.12 0.77 0.00	19.86 0.65 0.00
SWANROAD_115KV_TB1 355699	19.19 -0.43 0.00	17.90 -0.53 0.00	17.42 -0.41 0.00	17.07 -0.42 0.00	17.53 -0.45 0.00	18.13 -0.35 0.00	19.93 -0.60 0.00	20.02 -1.28 0.00	17.85 -1.04 0.00	16.65 -1.10 0.00	15.49 -0.99 0.00	14.86 -1.05 0.00	13.92 -0.92 0.00	13.42 -0.96 0.00	12.78 -0.93 0.00	12.49 -0.90 0.00	13.96 -1.00 0.00	17.16 -1.33 0.00	19.68 -1.17 0.00	26.00 -2.11 0.00	26.80 -2.08 0.00	21.96 -1.40 0.00	19.90 -1.45 0.00	18.25 -0.96 0.00
SYNERGY____BIOGAS 323694	19.91 0.29 0.00	18.62 0.18 0.00	17.92 0.09 0.00	17.68 0.19 0.00	18.16 0.18 0.00	18.73 0.24 0.00	20.64 0.12 0.00	20.83 -0.47 0.00	18.53 -0.36 0.00	17.24 -0.52 0.00	16.02 -0.46 0.00	15.35 -0.56 0.00	14.42 -0.42 0.00	13.98 -0.40 0.00	13.22 -0.49 0.00	12.91 -0.48 0.00	14.45 -0.51 0.00	17.79 -0.70 0.00	20.45 -0.40 0.00	27.21 -0.90 0.00	28.07 -0.81 0.00	22.94 -0.42 0.00	20.82 -0.53 0.00	18.94 -0.27 0.00

SYRACUSE___ENERGY_ST1 323597	19.58 -0.04 0.00	18.34 -0.09 0.00	17.74 -0.09 0.00	17.42 -0.07 0.00	17.89 -0.09 0.00	18.45 -0.04 0.00	20.46 -0.06 0.00	21.17 -0.13 0.00	18.77 -0.11 0.00	17.65 -0.11 0.00	16.36 -0.12 0.00	15.78 -0.13 0.00	14.74 -0.10 0.00	14.27 -0.12 0.00	13.58 -0.12 0.00	13.24 -0.15 0.00	14.84 -0.12 0.00	18.34 -0.15 0.00	20.68 -0.17 0.00	27.91 -0.20 0.00	28.67 -0.20 0.00	23.22 -0.14 0.00	21.18 -0.17 0.00	19.08 -0.13 0.00
SYRACUSE___ENERGY_ST2 323598	19.58 -0.04 0.00	18.34 -0.09 0.00	17.74 -0.09 0.00	17.42 -0.07 0.00	17.89 -0.09 0.00	18.45 -0.04 0.00	20.46 -0.06 0.00	21.17 -0.13 0.00	18.77 -0.11 0.00	17.65 -0.11 0.00	16.36 -0.12 0.00	15.78 -0.13 0.00	14.74 -0.10 0.00	14.27 -0.12 0.00	13.58 -0.12 0.00	13.24 -0.15 0.00	14.84 -0.12 0.00	18.34 -0.15 0.00	20.68 -0.17 0.00	27.91 -0.20 0.00	28.67 -0.20 0.00	23.22 -0.14 0.00	21.18 -0.17 0.00	19.08 -0.13 0.00
SYRACUSE___POWER 24017	19.56 -0.06 0.00	18.33 -0.11 0.00	17.72 -0.11 0.00	17.40 -0.09 0.00	17.87 -0.11 0.00	18.41 -0.07 0.00	20.44 -0.08 0.00	21.14 -0.15 0.00	18.76 -0.13 0.00	17.61 -0.14 0.00	16.35 -0.13 0.00	15.76 -0.14 0.00	14.72 -0.12 0.00	14.26 -0.13 0.00	13.57 -0.14 0.00	13.24 -0.15 0.00	14.84 -0.12 0.00	18.34 -0.15 0.00	20.68 -0.17 0.00	27.91 -0.20 0.00	28.67 -0.20 0.00	23.22 -0.14 0.00	21.18 -0.17 0.00	19.06 -0.15 0.00
TALLMAN___138KV_BK151 55660	20.27 0.65 0.00	19.03 0.59 0.00	18.38 0.55 0.00	18.03 0.54 0.00	18.52 0.54 0.00	19.02 0.54 0.00	21.26 0.74 0.00	22.21 0.92 0.00	19.68 0.79 0.00	18.57 0.82 0.00	17.27 0.79 0.00	16.69 0.78 0.00	15.55 0.71 0.00	15.09 0.70 0.00	14.41 0.70 0.00	14.11 0.72 0.00	15.75 0.79 0.00	19.43 0.94 0.00	21.82 0.98 0.00	29.34 1.24 0.00	30.14 1.27 0.00	24.34 0.98 0.00	22.27 0.92 0.00	20.00 0.79 0.00
TEALLAVE_115KV_TB7 355573	19.46 -0.16 0.00	18.25 -0.18 0.00	17.65 -0.18 0.00	17.31 -0.17 0.00	17.80 -0.18 0.00	18.34 -0.15 0.00	20.34 -0.18 0.00	21.04 -0.26 0.00	18.66 -0.23 0.00	17.52 -0.23 0.00	16.26 -0.21 0.00	15.68 -0.22 0.00	14.65 -0.19 0.00	14.18 -0.20 0.00	13.52 -0.19 0.00	13.19 -0.20 0.00	14.77 -0.19 0.00	18.25 -0.24 0.00	20.57 -0.27 0.00	27.74 -0.37 0.00	28.50 -0.38 0.00	23.08 -0.28 0.00	21.05 -0.30 0.00	18.96 -0.25 0.00
TELGRAPH_34_KV_EAST 80808	19.64 0.02 0.00	18.31 -0.13 0.00	17.78 -0.05 0.00	17.43 -0.05 0.00	17.91 -0.07 0.00	18.54 0.06 0.00	20.40 -0.12 0.00	20.53 -0.77 0.00	18.30 -0.59 0.00	17.06 -0.69 0.00	15.87 -0.61 0.00	15.21 -0.70 0.00	14.25 -0.59 0.00	13.74 -0.65 0.00	13.08 -0.63 0.00	12.77 -0.62 0.00	14.29 -0.67 0.00	17.58 -0.91 0.00	20.18 -0.67 0.00	26.76 -1.35 0.00	27.60 -1.27 0.00	22.57 -0.79 0.00	20.45 -0.90 0.00	18.69 -0.52 0.00
TEMPLE___115KV_TB 2 55572	19.48 -0.14 0.00	18.25 -0.18 0.00	17.65 -0.18 0.00	17.33 -0.16 0.00	17.82 -0.16 0.00	18.36 -0.13 0.00	20.36 -0.16 0.00	21.04 -0.26 0.00	18.68 -0.21 0.00	17.54 -0.21 0.00	16.28 -0.20 0.00	15.70 -0.21 0.00	14.66 -0.18 0.00	14.20 -0.19 0.00	13.52 -0.19 0.00	13.19 -0.20 0.00	14.77 -0.19 0.00	18.27 -0.22 0.00	20.57 -0.27 0.00	27.74 -0.37 0.00	28.53 -0.35 0.00	23.11 -0.26 0.00	21.07 -0.28 0.00	18.96 -0.25 0.00
TIANA___69_KV_BK 1 55817	21.34 1.73 0.00	20.02 1.59 0.00	19.26 1.43 0.00	18.85 1.36 0.00	19.31 1.33 0.00	19.85 1.37 0.00	24.50 1.81 -2.17	25.70 1.98 -2.42	20.42 1.53 0.00	19.15 1.40 0.00	17.60 1.12 0.00	16.96 1.05 0.00	15.92 1.08 0.00	15.45 1.06 0.00	14.71 1.00 0.00	14.39 1.00 0.00	16.25 1.29 0.00	20.19 1.70 0.00	22.97 2.13 0.00	30.83 2.73 0.00	31.76 2.89 0.00	25.90 2.24 -0.29	23.59 2.22 -0.02	20.88 1.67 0.00
TILDEN___115KV_TB1 80814	19.56 -0.06 0.00	18.33 -0.11 0.00	17.72 -0.11 0.00	17.40 -0.09 0.00	17.87 -0.11 0.00	18.41 -0.07 0.00	20.44 -0.08 0.00	21.14 -0.15 0.00	18.76 -0.13 0.00	17.61 -0.14 0.00	16.35 -0.13 0.00	15.76 -0.14 0.00	14.72 -0.12 0.00	14.26 -0.13 0.00	13.57 -0.14 0.00	13.24 -0.15 0.00	14.84 -0.12 0.00	18.34 -0.15 0.00	20.68 -0.17 0.00	27.91 -0.20 0.00	28.67 -0.20 0.00	23.22 -0.14 0.00	21.18 -0.17 0.00	19.06 -0.15 0.00
TRIGEN___CC 323695	20.54 0.92 0.00	19.25 0.81 0.00	18.53 0.70 0.00	18.15 0.66 0.00	18.63 0.65 0.00	19.11 0.63 0.00	23.72 1.03 -2.17	24.95 1.24 -2.42	19.74 0.85 0.00	18.59 0.83 0.00	17.19 0.71 0.00	16.59 0.68 0.00	15.55 0.71 0.00	15.11 0.72 0.00	14.39 0.69 0.00	14.08 0.70 0.00	15.81 0.85 0.00	19.58 1.09 0.00	22.16 1.31 0.00	29.60 1.49 0.00	30.43 1.56 0.00	24.91 1.26 -0.29	22.62 1.26 -0.01	20.17 0.96 0.00
TRINITY___115KV___4 BK 55933	20.15 0.53 0.00	18.93 0.50 0.00	18.29 0.46 0.00	17.94 0.45 0.00	18.46 0.49 0.00	18.95 0.46 0.00	21.03 0.51 0.00	21.87 0.57 0.00	19.40 0.51 0.00	18.27 0.51 0.00	16.99 0.51 0.00	16.40 0.49 0.00	15.28 0.45 0.00	14.82 0.43 0.00	14.13 0.42 0.00	13.81 0.43 0.00	15.43 0.46 0.00	19.05 0.55 0.00	21.45 0.60 0.00	28.92 0.82 0.00	29.68 0.81 0.00	23.97 0.61 0.00	21.97 0.62 0.00	19.75 0.54 0.00
UNION___PROCESSING_DRP 323587	19.52 -0.10 0.00	18.25 -0.18 0.00	17.67 -0.16 0.00	17.35 -0.14 0.00	17.83 -0.14 0.00	18.43 -0.06 0.00	20.34 -0.18 0.00	20.74 -0.55 0.00	18.43 -0.45 0.00	17.24 -0.51 0.00	16.02 -0.46 0.00	15.40 -0.51 0.00	14.41 -0.43 0.00	13.93 -0.46 0.00	13.24 -0.47 0.00	12.92 -0.47 0.00	14.47 -0.49 0.00	17.83 -0.67 0.00	20.30 -0.54 0.00	27.15 -0.96 0.00	27.98 -0.90 0.00	22.78 -0.58 0.00	20.69 -0.66 0.00	18.77 -0.44 0.00
UPPER HUDSON___HYD 24058	20.13 0.51 0.00	18.84 0.41 0.00	18.26 0.43 0.00	17.87 0.38 0.00	18.43 0.45 0.00	18.97 0.48 0.00	21.07 0.55 0.00	21.89 0.60 0.00	19.42 0.53 0.00	18.23 0.48 0.00	16.87 0.39 0.00	16.29 0.38 0.00	15.20 0.36 0.00	14.70 0.32 0.00	14.01 0.30 0.00	13.71 0.32 0.00	15.32 0.36 0.00	18.95 0.46 0.00	21.47 0.62 0.00	29.01 0.90 0.00	29.86 0.98 0.00	24.04 0.68 0.00	21.97 0.62 0.00	19.71 0.50 0.00
UPPER RAQUET___HYD 24056	18.93 -0.69 0.00	17.85 -0.59 0.00	17.26 -0.57 0.00	16.91 -0.58 0.00	17.40 -0.58 0.00	17.89 -0.59 0.00	19.78 -0.74 0.00	20.53 -0.77 0.00	18.21 -0.68 0.00	17.01 -0.74 0.00	15.74 -0.74 0.00	15.14 -0.76 0.00	14.16 -0.68 0.00	13.71 -0.68 0.00	13.05 -0.66 0.00	12.74 -0.64 0.00	14.26 -0.70 0.00	17.70 -0.79 0.00	20.11 -0.73 0.00	27.26 -0.84 0.00	28.04 -0.84 0.00	22.73 -0.63 0.00	20.73 -0.62 0.00	18.62 -0.60 0.00
VALLEY44_115KV_TB2 355964	20.32 0.71 0.00	18.97 0.53 0.00	18.33 0.50 0.00	18.03 0.54 0.00	18.52 0.54 0.00	19.26 0.78 0.00	21.28 0.76 0.00	21.57 0.28 0.00	19.23 0.34 0.00	17.95 0.20 0.00	16.71 0.23 0.00	16.03 0.13 0.00	14.99 0.15 0.00	14.46 0.07 0.00	13.75 0.04 0.00	13.47 0.08 0.00	15.08 0.12 0.00	18.60 0.11 0.00	21.30 0.46 0.00	28.39 0.28 0.00	29.08 0.20 0.00	23.90 0.54 0.00	21.65 0.30 0.00	19.63 0.42 0.00

VALLEY___115KV_TB 1-4 80826	19.91 0.29 0.00	18.69 0.26 0.00	18.06 0.23 0.00	17.71 0.23 0.00	18.18 0.20 0.00	18.71 0.22 0.00	20.75 0.23 0.00	21.55 0.26 0.00	19.10 0.21 0.00	17.91 0.16 0.00	16.61 0.13 0.00	16.02 0.11 0.00	14.93 0.09 0.00	14.49 0.10 0.00	13.80 0.10 0.00	13.47 0.08 0.00	15.05 0.09 0.00	18.60 0.11 0.00	21.03 0.19 0.00	28.44 0.34 0.00	29.28 0.40 0.00	23.71 0.35 0.00	21.71 0.36 0.00	19.56 0.35 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.83 1.22 0.00	19.52 1.09 0.00	18.88 1.05 0.00	18.50 1.01 0.00	18.99 1.01 0.00	19.60 1.11 0.00	21.81 1.29 0.00	22.70 1.41 0.00	20.19 1.30 0.00	18.98 1.22 0.00	17.65 1.17 0.00	17.05 1.15 0.00	15.85 1.01 0.00	15.38 0.99 0.00	14.64 0.93 0.00	14.26 0.87 0.00	15.93 0.97 0.00	19.66 1.16 0.00	22.16 1.31 0.00	29.91 1.80 0.00	30.75 1.88 0.00	24.88 1.52 0.00	22.69 1.34 0.00	20.40 1.19 0.00
VISCHER___FERRY HYD 24020	20.01 0.39 0.00	18.82 0.39 0.00	18.21 0.38 0.00	17.86 0.37 0.00	18.36 0.38 0.00	18.87 0.39 0.00	20.95 0.43 0.00	21.78 0.49 0.00	19.34 0.45 0.00	18.21 0.46 0.00	16.91 0.43 0.00	16.34 0.43 0.00	15.21 0.37 0.00	14.75 0.36 0.00	14.06 0.36 0.00	13.76 0.37 0.00	15.37 0.40 0.00	18.99 0.50 0.00	21.39 0.54 0.00	28.87 0.76 0.00	29.60 0.72 0.00	23.88 0.51 0.00	21.86 0.51 0.00	19.67 0.46 0.00
V_A_10_SYNC_DSASP 323832	19.36 -0.26 0.00	18.12 -0.31 0.00	17.46 -0.38 0.00	17.19 -0.30 0.00	17.66 -0.32 0.00	18.23 -0.26 0.00	20.07 -0.45 0.00	20.31 -0.98 0.00	18.09 -0.79 0.00	16.92 -0.83 0.00	15.74 -0.74 0.00	15.10 -0.81 0.00	14.16 -0.68 0.00	13.72 -0.66 0.00	12.98 -0.73 0.00	12.69 -0.70 0.00	14.18 -0.78 0.00	17.46 -1.04 0.00	19.93 -0.92 0.00	26.48 -1.63 0.00	27.26 -1.62 0.00	22.26 -1.10 0.00	20.26 -1.09 0.00	18.44 -0.77 0.00
V_CMM_10_SYNC_DSASP 323787	19.46 -0.16 0.00	18.33 -0.11 0.00	17.74 -0.09 0.00	17.40 -0.09 0.00	17.89 -0.09 0.00	18.39 -0.09 0.00	20.38 -0.14 0.00	21.12 -0.17 0.00	18.74 -0.15 0.00	17.56 -0.19 0.00	16.26 -0.21 0.00	15.68 -0.22 0.00	14.65 -0.19 0.00	14.20 -0.19 0.00	13.52 -0.19 0.00	13.20 -0.19 0.00	14.75 -0.21 0.00	18.27 -0.22 0.00	20.68 -0.17 0.00	27.94 -0.17 0.00	28.70 -0.17 0.00	23.27 -0.09 0.00	21.24 -0.11 0.00	19.12 -0.10 0.00
V_CMP_10_SYNC_DSASP 323788	19.87 0.25 0.00	18.79 0.35 0.00	18.21 0.38 0.00	17.84 0.35 0.00	18.34 0.36 0.00	18.78 0.29 0.00	20.48 -0.04 0.00	21.12 -0.17 0.00	18.72 -0.17 0.00	17.40 -0.35 0.00	16.02 -0.46 0.00	15.38 -0.52 0.00	14.38 -0.46 0.00	13.92 -0.46 0.00	13.26 -0.45 0.00	12.93 -0.46 0.00	14.44 -0.52 0.00	17.99 -0.50 0.00	20.66 -0.19 0.00	28.16 0.06 0.00	29.02 0.15 0.00	23.80 0.44 0.00	21.63 0.28 0.00	19.46 0.25 0.00
V_D_10_SYNC_DSASP 323841	19.52 -0.10 0.00	18.38 -0.06 0.00	17.79 -0.04 0.00	17.43 -0.05 0.00	17.94 -0.04 0.00	18.45 -0.04 0.00	20.44 -0.08 0.00	21.19 -0.11 0.00	18.79 -0.09 0.00	17.59 -0.16 0.00	16.28 -0.20 0.00	15.68 -0.22 0.00	14.66 -0.18 0.00	14.21 -0.17 0.00	13.53 -0.18 0.00	13.21 -0.17 0.00	14.77 -0.19 0.00	18.29 -0.20 0.00	20.72 -0.12 0.00	28.02 -0.08 0.00	28.79 -0.09 0.00	23.34 -0.02 0.00	21.33 -0.02 0.00	19.17 -0.04 0.00
V_E_10_SYNC_DSASP 323830	21.70 2.08 0.00	20.30 1.86 0.00	19.54 1.71 0.00	19.17 1.68 0.00	19.60 1.62 0.00	20.26 1.77 0.00	22.51 1.99 0.00	23.29 2.00 0.00	20.62 1.74 0.00	19.15 1.40 0.00	17.75 1.27 0.00	17.05 1.15 0.00	15.82 0.98 0.00	15.35 0.96 0.00	14.56 0.85 0.00	14.22 0.83 0.00	16.01 1.05 0.00	19.91 1.42 0.00	22.74 1.90 0.00	31.00 2.90 0.00	31.93 3.06 0.00	25.84 2.48 0.00	23.50 2.16 0.00	21.10 1.88 0.00
V_F_30_NSYNC___DSASP 323816	20.25 0.63 0.00	18.99 0.55 0.00	18.38 0.55 0.00	18.01 0.52 0.00	18.55 0.58 0.00	19.08 0.59 0.00	21.18 0.66 0.00	22.00 0.70 0.00	19.51 0.62 0.00	18.34 0.58 0.00	17.01 0.53 0.00	16.41 0.51 0.00	15.30 0.46 0.00	14.82 0.43 0.00	14.13 0.43 0.00	13.81 0.43 0.00	15.44 0.48 0.00	19.10 0.61 0.00	21.57 0.73 0.00	29.12 1.01 0.00	29.94 1.07 0.00	24.13 0.77 0.00	22.07 0.73 0.00	19.83 0.61 0.00
V_F_30_SYNC_DSASP 323786	20.27 0.65 0.00	19.03 0.59 0.00	18.40 0.57 0.00	18.03 0.54 0.00	18.55 0.58 0.00	19.06 0.57 0.00	21.16 0.64 0.00	21.98 0.68 0.00	19.49 0.60 0.00	18.36 0.60 0.00	17.05 0.58 0.00	16.48 0.57 0.00	15.34 0.50 0.00	14.89 0.50 0.00	14.20 0.49 0.00	13.88 0.50 0.00	15.50 0.54 0.00	19.14 0.65 0.00	21.55 0.71 0.00	29.06 0.96 0.00	29.86 0.98 0.00	24.09 0.72 0.00	22.10 0.75 0.00	19.85 0.63 0.00
V_XM_10_SYNC_DSASP 323789	19.87 0.25 0.00	18.79 0.35 0.00	18.21 0.38 0.00	17.84 0.35 0.00	18.34 0.36 0.00	18.78 0.29 0.00	20.48 -0.04 0.00	21.12 -0.17 0.00	18.72 -0.17 0.00	17.40 -0.35 0.00	16.02 -0.46 0.00	15.38 -0.52 0.00	14.38 -0.46 0.00	13.92 -0.46 0.00	13.26 -0.45 0.00	12.93 -0.46 0.00	14.44 -0.52 0.00	17.99 -0.50 0.00	20.66 -0.19 0.00	28.16 0.06 0.00	29.02 0.15 0.00	23.80 0.44 0.00	21.63 0.28 0.00	19.46 0.25 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.32 0.71 0.00	19.08 0.65 0.00	18.44 0.61 0.00	18.08 0.59 0.00	18.59 0.61 0.00	19.08 0.59 0.00	21.32 0.80 0.00	22.27 0.98 0.00	19.72 0.83 0.00	18.60 0.85 0.00	17.30 0.82 0.00	16.72 0.81 0.00	15.58 0.74 0.00	15.12 0.73 0.00	14.43 0.73 0.00	14.14 0.75 0.00	15.78 0.82 0.00	19.47 0.98 0.00	21.87 1.02 0.00	29.43 1.32 0.00	30.23 1.36 0.00	24.39 1.03 0.00	22.31 0.96 0.00	20.04 0.83 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.40 0.78 0.00	19.17 0.74 0.00	18.54 0.71 0.00	18.19 0.70 0.00	18.66 0.68 0.00	19.11 0.63 0.00	21.38 0.86 0.00	22.38 1.09 0.00	19.81 0.93 0.00	18.76 1.01 0.00	17.47 0.99 0.00	16.89 0.99 0.00	15.76 0.92 0.00	15.26 0.88 0.00	14.59 0.88 0.00	14.30 0.91 0.00	15.93 0.97 0.00	19.66 1.16 0.00	22.03 1.19 0.00	29.57 1.46 0.00	30.43 1.56 0.00	24.46 1.10 0.00	22.44 1.09 0.00	20.21 1.00 0.00
W50THST__13_KV_LOAD 356117	20.46 0.84 0.00	19.23 0.79 0.00	18.60 0.77 0.00	18.24 0.75 0.00	18.72 0.74 0.00	19.17 0.68 0.00	21.44 0.92 0.00	22.44 1.15 0.00	19.87 0.98 0.00	18.83 1.08 0.00	17.53 1.05 0.00	16.94 1.03 0.00	15.80 0.96 0.00	15.32 0.94 0.00	14.63 0.92 0.00	14.34 0.95 0.00	15.98 1.02 0.00	19.73 1.24 0.00	22.10 1.25 0.00	29.65 1.55 0.00	30.55 1.67 0.00	24.53 1.17 0.00	22.50 1.15 0.00	20.27 1.06 0.00
WADING RIVER_IC_1 23522	21.07 1.45 0.00	19.74 1.31 0.00	19.03 1.19 0.00	18.62 1.14 0.00	19.09 1.12 0.00	19.63 1.15 0.00	24.23 1.54 -2.17	25.42 1.70 -2.42	20.17 1.28 0.00	18.92 1.17 0.00	17.42 0.94 0.00	16.78 0.87 0.00	15.60 0.76 0.00	15.13 0.75 0.00	14.59 0.88 0.00	14.28 0.90 0.00	16.10 1.14 0.00	20.01 1.52 0.00	22.72 1.88 0.00	30.38 2.28 0.00	31.27 2.40 0.00	25.55 1.89 -0.29	23.31 1.94 -0.02	20.63 1.42 0.00

WADING RIVER_IC_2 23547	21.07 1.45 0.00	19.74 1.31 0.00	19.03 1.19 0.00	18.62 1.14 0.00	19.09 1.12 0.00	19.63 1.15 0.00	24.23 1.54 -2.17	25.42 1.70 -2.42	20.17 1.28 0.00	18.92 1.17 0.00	17.42 0.94 0.00	16.78 0.87 0.00	15.60 0.76 0.00	15.13 0.75 0.00	14.59 0.88 0.00	14.28 0.90 0.00	16.10 1.14 0.00	20.01 1.52 0.00	22.72 1.88 0.00	30.38 2.28 0.00	31.27 2.40 0.00	25.55 1.89 -0.29	23.31 1.94 -0.02	20.63 1.42 0.00
WADING RIVER_IC_3 23601	21.07 1.45 0.00	19.74 1.31 0.00	19.03 1.19 0.00	18.62 1.14 0.00	19.09 1.12 0.00	19.63 1.15 0.00	24.23 1.54 -2.17	25.42 1.70 -2.42	20.17 1.28 0.00	18.92 1.17 0.00	17.42 0.94 0.00	16.78 0.87 0.00	15.60 0.76 0.00	15.13 0.75 0.00	14.59 0.88 0.00	14.28 0.90 0.00	16.10 1.14 0.00	20.01 1.52 0.00	22.72 1.88 0.00	30.38 2.28 0.00	31.27 2.40 0.00	25.55 1.89 -0.29	23.31 1.94 -0.02	20.63 1.42 0.00
WALDENNY_I2_KV_BK2 80841	19.89 0.27 0.00	18.55 0.11 0.00	17.99 0.16 0.00	17.66 0.17 0.00	18.14 0.16 0.00	18.80 0.31 0.00	20.68 0.16 0.00	20.83 -0.47 0.00	18.57 -0.32 0.00	17.33 -0.43 0.00	16.13 -0.35 0.00	15.46 -0.45 0.00	14.48 -0.36 0.00	13.97 -0.42 0.00	13.31 -0.40 0.00	13.01 -0.37 0.00	14.54 -0.42 0.00	17.90 -0.59 0.00	20.53 -0.31 0.00	27.18 -0.93 0.00	27.98 -0.90 0.00	22.94 -0.42 0.00	20.79 -0.56 0.00	19.00 -0.21 0.00
WALDEN___HYDRO 24148	20.38 0.77 0.00	19.14 0.70 0.00	18.49 0.66 0.00	18.13 0.65 0.00	18.64 0.67 0.00	19.11 0.63 0.00	21.34 0.82 0.00	22.21 0.92 0.00	19.62 0.74 0.00	18.46 0.71 0.00	17.14 0.66 0.00	16.56 0.65 0.00	15.43 0.59 0.00	14.98 0.59 0.00	14.31 0.60 0.00	14.00 0.62 0.00	15.63 0.67 0.00	19.29 0.80 0.00	21.72 0.88 0.00	29.29 1.18 0.00	30.14 1.27 0.00	24.32 0.96 0.00	22.22 0.88 0.00	19.98 0.77 0.00
WARRENSBURG___ 23737	20.13 0.51 0.00	18.84 0.41 0.00	18.26 0.43 0.00	17.87 0.38 0.00	18.43 0.45 0.00	18.97 0.48 0.00	21.07 0.55 0.00	21.89 0.60 0.00	19.42 0.53 0.00	18.23 0.48 0.00	16.87 0.39 0.00	16.29 0.38 0.00	15.20 0.36 0.00	14.70 0.32 0.00	14.01 0.30 0.00	13.71 0.32 0.00	15.32 0.36 0.00	18.95 0.46 0.00	21.47 0.62 0.00	29.01 0.90 0.00	29.86 0.98 0.00	24.04 0.68 0.00	21.97 0.62 0.00	19.71 0.50 0.00
WATERSIDE___6 8 9 23538	20.51 0.88 -0.01	19.27 0.83 -0.01	18.64 0.80 -0.01	18.28 0.79 -0.01	18.78 0.79 -0.01	19.21 0.72 -0.01	21.46 0.94 0.00	22.42 1.13 0.00	19.83 0.94 0.00	18.80 1.05 0.00	17.50 1.02 0.00	16.92 1.02 0.00	15.80 0.96 0.00	15.32 0.94 0.00	14.64 0.93 0.00	14.34 0.95 0.00	15.98 1.02 0.00	19.71 1.22 0.00	22.07 1.23 0.00	29.65 1.55 0.00	30.55 1.67 0.00	24.51 1.14 0.00	22.55 1.20 -0.01	20.29 1.08 -0.01
WATKINRD_115KV_LN8_ILLION 55919	19.85 0.24 0.00	18.64 0.20 0.00	18.03 0.20 0.00	17.66 0.17 0.00	18.16 0.18 0.00	18.67 0.18 0.00	20.73 0.21 0.00	21.53 0.23 0.00	19.08 0.19 0.00	17.93 0.18 0.00	16.64 0.16 0.00	16.05 0.14 0.00	14.96 0.12 0.00	14.52 0.13 0.00	13.83 0.12 0.00	13.51 0.12 0.00	15.10 0.13 0.00	18.66 0.17 0.00	21.05 0.21 0.00	28.44 0.34 0.00	29.22 0.35 0.00	23.64 0.28 0.00	21.63 0.28 0.00	19.46 0.25 0.00
WATSON___69_KV_BK 1 55734	21.11 1.49 0.00	19.78 1.35 0.00	19.03 1.19 0.00	18.62 1.14 0.00	19.09 1.11 0.00	19.63 1.15 0.00	24.27 1.58 -2.17	25.46 1.75 -2.42	20.19 1.30 0.00	18.94 1.19 0.00	17.45 0.97 0.00	16.83 0.92 0.00	15.82 0.98 0.00	15.36 0.98 0.00	14.64 0.93 0.00	14.32 0.94 0.00	16.13 1.17 0.00	20.03 1.53 0.00	22.76 1.92 0.00	30.50 2.39 0.00	31.39 2.51 0.00	25.67 2.01 -0.29	23.31 1.94 -0.02	20.69 1.48 0.00
WDELAWARE___HYD 323627	20.58 0.96 0.00	19.28 0.85 0.00	18.65 0.82 0.00	18.27 0.79 0.00	18.81 0.83 0.00	19.28 0.79 0.00	21.53 1.01 0.00	22.38 1.09 0.00	19.76 0.87 0.00	18.53 0.78 0.00	17.19 0.71 0.00	16.61 0.70 0.00	15.45 0.61 0.00	15.00 0.62 0.00	14.35 0.64 0.00	14.03 0.64 0.00	15.68 0.72 0.00	19.34 0.85 0.00	21.80 0.96 0.00	29.40 1.29 0.00	30.29 1.41 0.00	24.44 1.08 0.00	22.33 0.98 0.00	20.08 0.87 0.00
WEST BABYLON___IC 23714	20.99 1.37 0.00	19.67 1.24 0.00	18.92 1.09 0.00	18.52 1.03 0.00	18.99 1.01 0.00	19.50 1.02 0.00	24.15 1.46 -2.17	25.38 1.66 -2.42	20.08 1.19 0.00	18.87 1.12 0.00	17.40 0.92 0.00	16.78 0.87 0.00	15.76 0.92 0.00	15.31 0.92 0.00	14.59 0.88 0.00	14.27 0.88 0.00	16.05 1.09 0.00	19.93 1.44 0.00	22.64 1.79 0.00	30.30 2.19 0.00	31.18 2.31 0.00	25.50 1.85 -0.29	23.16 1.79 -0.02	20.58 1.36 0.00
WEST CANADA___HYD 24049	19.70 0.08 0.00	18.51 0.07 0.00	17.90 0.07 0.00	17.56 0.07 0.00	18.05 0.07 0.00	18.56 0.07 0.00	20.60 0.08 0.00	21.40 0.11 0.00	18.98 0.09 0.00	17.86 0.11 0.00	16.58 0.10 0.00	16.02 0.11 0.00	14.93 0.09 0.00	14.47 0.09 0.00	13.80 0.10 0.00	13.48 0.09 0.00	15.05 0.09 0.00	18.60 0.11 0.00	20.97 0.13 0.00	28.25 0.14 0.00	29.02 0.15 0.00	23.48 0.12 0.00	21.46 0.11 0.00	19.31 0.10 0.00
WESTERN_NY_WIND 24143	19.83 0.22 0.00	18.49 0.06 0.00	17.94 0.11 0.00	17.61 0.12 0.00	18.09 0.11 0.00	18.73 0.24 0.00	20.62 0.10 0.00	20.78 -0.51 0.00	18.49 -0.40 0.00	17.22 -0.53 0.00	16.00 -0.48 0.00	15.33 -0.57 0.00	14.38 -0.46 0.00	13.87 -0.52 0.00	13.20 -0.51 0.00	12.88 -0.51 0.00	14.44 -0.52 0.00	17.77 -0.72 0.00	20.41 -0.44 0.00	27.15 -0.96 0.00	28.04 -0.84 0.00	22.92 -0.44 0.00	20.73 -0.62 0.00	18.92 -0.29 0.00
WESTOVER___LESR 323668	19.99 0.37 0.00	18.73 0.29 0.00	18.10 0.27 0.00	17.77 0.28 0.00	18.25 0.27 0.00	18.86 0.37 0.00	20.93 0.41 0.00	21.59 0.30 0.00	19.17 0.28 0.00	17.98 0.23 0.00	16.69 0.21 0.00	16.10 0.19 0.00	15.02 0.18 0.00	14.54 0.16 0.00	13.85 0.14 0.00	13.51 0.12 0.00	15.14 0.18 0.00	18.73 0.24 0.00	21.20 0.35 0.00	28.56 0.45 0.00	29.31 0.43 0.00	23.81 0.44 0.00	21.67 0.32 0.00	19.52 0.31 0.00
WETHRSFD_WT_PWR 323626	19.77 0.16 0.00	18.49 0.06 0.00	17.78 -0.05 0.00	17.52 0.04 0.00	17.98 0.00 0.00	18.58 0.09 0.00	20.46 -0.06 0.00	20.59 -0.70 0.00	18.40 -0.49 0.00	17.17 -0.59 0.00	16.00 -0.48 0.00	15.33 -0.57 0.00	14.39 -0.44 0.00	13.97 -0.42 0.00	13.20 -0.51 0.00	12.92 -0.47 0.00	14.44 -0.52 0.00	17.77 -0.72 0.00	20.37 -0.48 0.00	26.98 -1.13 0.00	27.78 -1.10 0.00	22.73 -0.63 0.00	20.66 -0.68 0.00	18.85 -0.37 0.00
WHAVSTOR_138KV_BK127 55557	20.25 0.63 0.00	19.01 0.57 0.00	18.38 0.55 0.00	18.03 0.54 0.00	18.52 0.54 0.00	19.00 0.52 0.00	21.24 0.72 0.00	22.19 0.89 0.00	19.66 0.77 0.00	18.57 0.82 0.00	17.27 0.79 0.00	16.69 0.78 0.00	15.55 0.71 0.00	15.09 0.70 0.00	14.41 0.70 0.00	14.11 0.72 0.00	15.74 0.78 0.00	19.42 0.92 0.00	21.80 0.96 0.00	29.31 1.21 0.00	30.12 1.24 0.00	24.32 0.96 0.00	22.25 0.90 0.00	19.98 0.77 0.00

WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.25 0.63 0.00	19.01 0.57 0.00	18.38 0.55 0.00	18.03 0.54 0.00	18.52 0.54 0.00	19.00 0.52 0.00	21.24 0.72 0.00	22.19 0.89 0.00	19.66 0.77 0.00	18.57 0.82 0.00	17.27 0.79 0.00	16.69 0.78 0.00	15.55 0.71 0.00	15.09 0.70 0.00	14.41 0.70 0.00	14.11 0.72 0.00	15.74 0.78 0.00	19.42 0.92 0.00	21.80 0.96 0.00	29.31 1.21 0.00	30.12 1.24 0.00	24.32 0.96 0.00	22.25 0.90 0.00	19.98 0.77 0.00
WHITEHAL_115KV_TB1 80871	20.48 0.86 0.00	19.15 0.72 0.00	18.54 0.71 0.00	18.15 0.66 0.00	18.73 0.76 0.00	19.28 0.79 0.00	21.42 0.90 0.00	22.23 0.94 0.00	19.72 0.83 0.00	18.48 0.73 0.00	17.07 0.59 0.00	16.48 0.57 0.00	15.31 0.47 0.00	14.86 0.47 0.00	14.17 0.47 0.00	13.87 0.48 0.00	15.51 0.55 0.00	19.21 0.72 0.00	21.80 0.96 0.00	29.51 1.41 0.00	30.38 1.50 0.00	24.46 1.10 0.00	22.35 1.00 0.00	20.00 0.79 0.00
WHITEPLN_13_KV_LOAD 356215	20.50 0.88 0.00	19.25 0.81 0.00	18.60 0.77 0.00	18.22 0.73 0.00	18.73 0.76 0.00	19.19 0.70 0.00	21.48 0.96 0.00	22.49 1.19 0.00	19.93 1.04 0.00	18.82 1.07 0.00	17.48 1.01 0.00	16.91 1.00 0.00	15.76 0.92 0.00	15.28 0.89 0.00	14.59 0.88 0.00	14.30 0.91 0.00	15.95 0.99 0.00	19.69 1.20 0.00	22.12 1.27 0.00	29.68 1.57 0.00	30.58 1.70 0.00	24.62 1.26 0.00	22.54 1.20 0.00	20.27 1.06 0.00
WM_FLOYD_69_KV_BK2 356380	21.07 1.45 0.00	19.76 1.33 0.00	19.01 1.18 0.00	18.61 1.12 0.00	19.08 1.10 0.00	19.60 1.11 0.00	24.21 1.52 -2.17	25.40 1.68 -2.42	20.13 1.25 0.00	18.89 1.14 0.00	17.38 0.91 0.00	16.75 0.84 0.00	15.74 0.91 0.00	15.29 0.91 0.00	14.57 0.86 0.00	14.26 0.87 0.00	16.08 1.12 0.00	19.97 1.48 0.00	22.68 1.83 0.00	30.38 2.28 0.00	31.30 2.43 0.00	25.55 1.89 -0.29	23.25 1.88 -0.02	20.63 1.42 0.00
WOODARD__115KV_TB2 355635	19.42 -0.20 0.00	18.21 -0.22 0.00	17.62 -0.21 0.00	17.28 -0.21 0.00	17.76 -0.22 0.00	18.30 -0.18 0.00	20.29 -0.23 0.00	21.00 -0.30 0.00	18.62 -0.26 0.00	17.50 -0.25 0.00	16.23 -0.25 0.00	15.65 -0.25 0.00	14.62 -0.22 0.00	14.17 -0.22 0.00	13.49 -0.22 0.00	13.16 -0.23 0.00	14.74 -0.22 0.00	18.21 -0.28 0.00	20.51 -0.33 0.00	27.68 -0.42 0.00	28.44 -0.43 0.00	23.04 -0.33 0.00	21.01 -0.34 0.00	18.92 -0.29 0.00
YORK___WARBASSE 23770	20.57 0.94 -0.01	19.31 0.87 -0.01	18.68 0.84 -0.01	18.30 0.80 -0.01	18.80 0.81 -0.01	19.25 0.76 -0.01	21.53 1.01 0.00	22.49 1.19 0.00	19.85 0.96 0.00	18.83 1.08 0.00	17.55 1.07 0.00	16.97 1.07 0.00	15.85 1.01 0.00	15.36 0.98 0.00	14.70 0.99 0.00	14.39 1.00 0.00	16.04 1.08 0.00	19.79 1.29 0.00	22.18 1.33 0.00	29.79 1.69 0.00	30.72 1.85 0.00	24.62 1.26 0.00	22.66 1.30 -0.01	20.37 1.15 -0.01