

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/23/2024

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	19.19	21.28	21.66	21.01	19.58	20.12	22.58	22.14	21.85	23.56	22.72	22.37	21.64	20.73	21.62	21.64	31.78	56.83	47.96	23.48	20.57	22.34	22.57	23.17
24138	1.05	0.88	0.73	0.75	0.78	1.05	1.41	1.60	1.61	1.86	1.80	1.74	1.74	1.73	1.81	1.78	2.60	4.69	3.87	1.99	1.73	1.78	1.71	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	19.24	21.35	21.73	21.07	19.63	20.17	22.63	22.17	21.88	23.59	22.76	22.41	21.69	20.75	21.63	21.67	31.81	56.87	47.98	23.50	20.59	22.36	22.59	23.20
24260	1.10	0.95	0.80	0.81	0.83	1.09	1.46	1.63	1.64	1.89	1.84	1.79	1.79	1.76	1.82	1.80	2.63	4.73	3.89	2.01	1.75	1.80	1.73	1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.24	21.35	21.73	21.07	19.63	20.17	22.63	22.17	21.88	23.59	22.76	22.41	21.69	20.75	21.63	21.67	31.81	56.87	47.98	23.50	20.59	22.36	22.59	23.20
24261	1.10	0.95	0.80	0.81	0.83	1.09	1.46	1.63	1.64	1.89	1.84	1.79	1.79	1.76	1.82	1.80	2.63	4.73	3.89	2.01	1.75	1.80	1.73	1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	18.68	20.90	21.38	20.73	19.27	19.85	22.17	21.65	21.31	22.82	21.93	21.59	20.86	19.90	20.71	20.72	30.67	54.77	46.36	22.66	19.84	21.59	21.86	22.52
24011	0.55	0.50	0.45	0.47	0.48	0.77	1.00	1.11	1.07	1.12	1.01	0.96	0.96	0.91	0.90	0.86	1.49	2.63	2.26	1.16	1.00	1.03	1.01	0.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	18.68	20.92	21.40	20.76	19.30	19.95	22.30	21.80	21.44	22.95	22.02	21.67	20.93	19.96	20.75	20.78	30.84	55.02	46.59	22.78	19.92	21.68	21.97	22.61
23798	0.54	0.52	0.47	0.50	0.50	0.87	1.13	1.26	1.20	1.24	1.11	1.04	1.03	0.97	0.95	0.92	1.67	2.88	2.50	1.29	1.08	1.11	1.11	0.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	18.68	20.90	21.38	20.73	19.27	19.85	22.17	21.65	21.31	22.82	21.93	21.59	20.86	19.90	20.71	20.72	30.67	54.77	46.36	22.66	19.84	21.59	21.86	22.52
24028	0.55	0.50	0.45	0.47	0.48	0.77	1.00	1.11	1.07	1.12	1.01	0.96	0.96	0.91	0.90	0.86	1.49	2.63	2.26	1.16	1.00	1.03	1.01	0.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.32	21.57	22.05	21.35	19.86	20.27	22.61	22.11	21.81	23.36	22.49	22.13	21.40	20.44	21.28	21.32	31.12	55.46	46.93	22.96	20.27	22.10	22.37	23.07
23527	1.18	1.17	1.11	1.08	1.07	1.19	1.44	1.57	1.57	1.65	1.57	1.50	1.50	1.44	1.48	1.45	1.94	3.32	2.84	1.46	1.43	1.53	1.51	1.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	18.61	20.71	21.19	20.52	19.15	19.51	21.61	21.09	20.77	22.21	21.40	21.08	20.43	19.57	20.35	20.39	29.91	53.43	45.14	22.06	19.43	21.10	21.32	22.01
24190	0.47	0.32	0.26	0.26	0.36	0.43	0.45	0.55	0.53	0.51	0.49	0.45	0.53	0.58	0.55	0.53	0.73	1.29	1.04	0.57	0.59	0.53	0.46	0.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.02	20.49	21.15	20.46	18.85	18.94	20.93	20.19	19.87	21.35	20.59	20.30	19.54	18.61	19.48	19.54	28.72	51.24	43.30	21.11	18.46	20.25	20.58	21.57
355683	-0.11	0.09	0.22	0.20	0.05	-0.14	-0.24	-0.35	-0.37	-0.35	-0.34	-0.32	-0.36	-0.39	-0.33	-0.32	-0.46	-0.90	-0.79	-0.39	-0.39	-0.31	-0.28	-0.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	18.90	21.11	21.60	20.92	19.48	19.88	22.08	21.53	21.20	22.63	21.78	21.44	20.74	19.87	20.65	20.65	30.41	54.53	46.13	22.50	19.79	21.52	21.76	22.49
323833	0.77	0.72	0.66	0.65	0.69	0.80	0.91	0.99	0.95	0.93	0.86	0.81	0.84	0.88	0.84	0.79	1.23	2.38	2.04	1.01	0.95	0.95	0.90	0.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	18.90	21.10	21.59	20.91	19.48	19.88	22.08	21.52	21.19	22.62	21.78	21.43	20.74	19.86	20.64	20.64	30.40	54.52	46.12	22.49	19.79	21.51	21.75	22.49
323834	0.77	0.71	0.66	0.64	0.69	0.80	0.91	0.98	0.95	0.92	0.86	0.80	0.84	0.87	0.83	0.78	1.23	2.38	2.03	1.00	0.95	0.94	0.90	0.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	18.61	20.71	21.19	20.52	19.15	19.51	21.61	21.09	20.77	22.21	21.40	21.08	20.43	19.57	20.35	20.39	29.91	53.43	45.14	22.06	19.43	21.10	21.32	22.01
23571	0.47	0.32	0.26	0.26	0.36	0.43	0.45	0.55	0.53	0.51	0.49	0.45	0.53	0.58	0.55	0.53	0.73	1.29	1.04	0.57	0.59	0.53	0.46	0.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	18.61 0.47 0.00	20.71 0.32 0.00	21.19 0.26 0.00	20.52 0.26 0.00	19.15 0.36 0.00	19.51 0.43 0.00	21.61 0.45 0.00	21.09 0.55 0.00	20.77 0.53 0.00	22.21 0.51 0.00	21.40 0.49 0.00	21.08 0.45 0.00	20.43 0.53 0.00	19.57 0.58 0.00	20.35 0.55 0.00	20.39 0.53 0.00	29.91 0.73 0.00	53.43 1.29 0.00	45.14 1.04 0.00	22.06 0.57 0.00	19.43 0.59 0.00	21.10 0.53 0.00	21.32 0.46 0.00	22.01 0.34 0.00
ALBANY___3 23573	18.61 0.47 0.00	20.71 0.32 0.00	21.19 0.26 0.00	20.52 0.26 0.00	19.15 0.36 0.00	19.51 0.43 0.00	21.61 0.45 0.00	21.09 0.55 0.00	20.77 0.53 0.00	22.21 0.51 0.00	21.40 0.49 0.00	21.08 0.45 0.00	20.43 0.53 0.00	19.57 0.58 0.00	20.35 0.55 0.00	20.39 0.53 0.00	29.91 0.73 0.00	53.43 1.29 0.00	45.14 1.04 0.00	22.06 0.57 0.00	19.43 0.59 0.00	21.10 0.53 0.00	21.32 0.46 0.00	22.01 0.34 0.00
ALBANY___4 23574	18.61 0.47 0.00	20.71 0.32 0.00	21.19 0.26 0.00	20.52 0.26 0.00	19.15 0.36 0.00	19.51 0.43 0.00	21.61 0.45 0.00	21.09 0.55 0.00	20.77 0.53 0.00	22.21 0.51 0.00	21.40 0.49 0.00	21.08 0.45 0.00	20.43 0.53 0.00	19.57 0.58 0.00	20.35 0.55 0.00	20.39 0.53 0.00	29.91 0.73 0.00	53.43 1.29 0.00	45.14 1.04 0.00	22.06 0.57 0.00	19.43 0.59 0.00	21.10 0.53 0.00	21.32 0.46 0.00	22.01 0.34 0.00
ALBANY___LFGE 323615	18.75 0.61 0.00	20.88 0.49 0.00	21.36 0.42 0.00	20.68 0.42 0.00	19.29 0.49 0.00	19.67 0.59 0.00	21.83 0.66 0.00	21.29 0.75 0.00	20.99 0.75 0.00	22.45 0.75 0.00	21.65 0.72 0.00	21.32 0.69 0.00	20.66 0.76 0.00	19.78 0.79 0.00	20.56 0.75 0.00	20.59 0.72 0.00	30.23 1.05 0.00	54.01 1.87 0.00	45.62 1.53 0.00	22.29 0.79 0.00	19.63 0.79 0.00	21.31 0.74 0.00	21.53 0.67 0.00	22.23 0.55 0.00
ALCOA_PA_115KV_PL-6C 55860	18.09 -0.04 0.00	20.57 0.18 0.00	21.24 0.31 0.00	20.54 0.28 0.00	18.91 0.11 0.00	18.99 -0.09 0.00	21.00 -0.16 0.00	20.26 -0.28 0.00	19.93 -0.31 0.00	21.41 -0.29 0.00	20.64 -0.28 0.00	20.35 -0.28 0.00	19.58 -0.32 0.00	18.64 -0.36 0.00	19.53 -0.28 0.00	19.59 -0.28 0.00	28.79 -0.39 0.00	51.40 -0.74 0.00	43.44 -0.65 0.00	21.16 -0.34 0.00	18.50 -0.34 0.00	20.31 -0.26 0.00	20.64 -0.22 0.00	21.63 -0.05 0.00
ALCOA_RYNLDS___DRP 24188	18.09 -0.04 0.00	20.57 0.18 0.00	21.24 0.31 0.00	20.54 0.28 0.00	18.91 0.11 0.00	18.99 -0.09 0.00	21.00 -0.16 0.00	20.26 -0.28 0.00	19.93 -0.31 0.00	21.41 -0.29 0.00	20.64 -0.28 0.00	20.35 -0.28 0.00	19.58 -0.32 0.00	18.64 -0.36 0.00	19.53 -0.28 0.00	19.59 -0.28 0.00	28.79 -0.39 0.00	51.40 -0.74 0.00	43.44 -0.65 0.00	21.16 -0.34 0.00	18.50 -0.34 0.00	20.31 -0.26 0.00	20.64 -0.22 0.00	21.63 -0.05 0.00
ALCOA___DSASP 323711	18.09 -0.04 0.00	20.57 0.18 0.00	21.24 0.31 0.00	20.55 0.28 0.00	18.91 0.11 0.00	18.99 -0.09 0.00	21.00 -0.16 0.00	20.26 -0.28 0.00	19.93 -0.31 0.00	21.41 -0.29 0.00	20.64 -0.28 0.00	20.35 -0.28 0.00	19.58 -0.32 0.00	18.64 -0.36 0.00	19.53 -0.28 0.00	19.59 -0.28 0.00	28.79 -0.39 0.00	51.40 -0.74 0.00	43.44 -0.65 0.00	21.16 -0.34 0.00	18.50 -0.34 0.00	20.31 -0.26 0.00	20.64 -0.22 0.00	21.63 -0.05 0.00
ALLEGHENY___COGEN 23514	18.51 0.36 -0.01	20.72 0.32 -0.01	21.35 0.20 -0.22	20.46 0.16 -0.04	19.11 0.32 0.00	19.71 0.46 -0.17	21.98 0.74 -0.07	21.38 0.84 0.00	20.90 0.66 0.00	21.91 0.21 0.00	20.77 -0.15 0.00	20.57 -0.06 0.00	19.68 -0.22 0.00	18.72 -0.28 0.00	19.35 -0.45 0.00	19.47 -0.39 0.00	28.86 -0.32 0.00	52.66 0.52 0.00	45.25 1.17 0.00	21.90 0.40 0.00	19.13 0.30 0.00	20.83 0.27 0.00	21.19 0.33 0.00	22.00 0.32 0.00
ALTAMONT_115KV_TB 2 55880	18.67 0.53 0.00	20.85 0.46 0.00	21.33 0.39 0.00	20.66 0.39 0.00	19.22 0.43 0.00	19.63 0.56 0.00	21.85 0.68 0.00	21.29 0.75 0.00	20.99 0.75 0.00	22.49 0.78 0.00	21.67 0.75 0.00	21.35 0.72 0.00	20.65 0.75 0.00	19.75 0.75 0.00	20.55 0.74 0.00	20.58 0.72 0.00	30.22 1.04 0.00	54.03 1.89 0.00	45.67 1.59 0.00	22.30 0.81 0.00	19.59 0.75 0.00	21.32 0.75 0.00	21.57 0.71 0.00	22.29 0.61 0.00
ALTONA_WT_PWR 323606	18.53 0.39 0.00	21.03 0.63 0.00	21.81 0.88 0.00	21.25 0.99 0.00	19.52 0.73 0.00	19.63 0.55 0.00	21.84 0.67 0.00	21.11 0.57 0.00	20.61 0.37 0.00	22.00 0.30 0.00	21.23 0.31 0.00	20.87 0.25 0.00	20.01 0.11 0.00	19.07 0.08 0.00	19.98 0.18 0.00	20.27 0.41 0.00	29.63 0.45 0.00	52.42 0.28 0.00	44.26 0.17 0.00	21.46 -0.03 0.00	18.76 -0.08 0.00	20.54 -0.03 0.00	20.89 0.04 0.00	21.90 0.22 0.00
AMERICAN_REF_FUEL 24010	16.48 -1.51 0.14	18.58 -1.69 0.12	16.61 -1.71 2.61	17.99 -1.85 0.43	17.22 -1.58 0.00	15.58 -1.48 2.02	16.74 -1.74 2.69	18.43 -1.84 0.27	16.78 -1.74 1.72	19.82 -1.89 0.00	19.05 -1.87 0.00	19.06 -1.57 0.00	18.24 -1.66 0.00	17.32 -1.68 0.00	17.94 -1.86 0.00	18.06 -1.80 0.00	26.61 -2.57 0.00	47.65 -4.49 0.00	40.16 -3.93 0.00	19.31 -2.19 0.00	16.95 -1.89 0.00	18.53 -2.03 0.00	19.18 -1.68 0.00	20.24 -1.44 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.49 -0.47 0.18	19.67 -0.57 0.15	17.01 -0.69 3.23	18.97 -0.77 0.53	18.23 -0.57 0.00	16.03 -0.55 2.51	17.37 -0.47 3.32	19.87 -0.34 0.33	17.80 -0.32 2.12	21.28 -0.43 0.00	20.48 -0.45 0.00	20.36 -0.26 0.00	19.47 -0.43 0.00	18.51 -0.49 0.00	19.17 -0.64 0.00	19.26 -0.60 0.00	28.40 -0.78 0.00	51.08 -1.05 0.00	42.94 -1.15 0.00	20.56 -0.94 0.00	17.95 -0.89 0.00	19.64 -0.92 0.00	20.34 -0.51 0.00	21.33 -0.35 0.00
ARTHUR KILL_GT_1 23520	19.22 1.09 0.00	21.35 0.95 0.00	21.73 0.80 0.00	21.07 0.80 0.00	19.63 0.83 0.00	20.14 1.06 0.00	22.60 1.43 0.00	22.09 1.55 0.00	21.77 1.53 0.00	23.46 1.76 0.00	22.60 1.68 0.00	22.29 1.66 0.00	21.57 1.67 0.00	20.66 1.67 0.00	21.56 1.75 0.00	21.59 1.73 0.00	31.64 2.46 0.00	56.70 4.56 0.00	47.81 3.72 0.00	23.44 1.94 0.00	20.53 1.69 0.00	22.31 1.71 -0.03	22.55 1.65 -0.04	23.20 1.51 -0.01
ARTHUR_KILL_2 23512	19.17 1.04 0.00	21.28 0.89 0.00	21.68 0.74 0.00	21.02 0.75 0.00	19.57 0.78 0.00	20.09 1.01 0.00	22.54 1.37 0.00	22.03 1.49 0.00	21.70 1.46 0.00	23.39 1.69 0.00	22.54 1.62 0.00	22.23 1.60 0.00	21.51 1.61 0.00	20.61 1.61 0.00	21.50 1.69 0.00	21.53 1.67 0.00	31.55 2.37 0.00	56.54 4.40 0.00	47.65 3.56 0.00	23.37 1.87 0.00	20.47 1.62 0.00	22.25 1.65 -0.03	22.48 1.59 -0.04	23.13 1.45 -0.01
ARTHUR_KILL_3 23513	19.06 0.92 0.00	21.13 0.74 0.00	21.52 0.59 0.00	20.87 0.61 0.00	19.45 0.65 0.00	19.97 0.89 0.00	22.40 1.23 0.00	21.93 1.39 0.00	21.65 1.41 0.00	23.33 1.63 0.00	22.51 1.58 0.00	22.15 1.53 0.00	21.43 1.53 0.00	20.51 1.52 0.00	21.39 1.59 0.00	21.42 1.56 0.00	31.44 2.26 0.00	56.27 4.12 0.00	47.49 3.40 0.00	23.26 1.76 0.00	20.38 1.53 0.00	22.16 1.57 -0.02	22.40 1.52 -0.03	22.99 1.31 0.00

ARTHUR_KILL_COGEN 323718	19.22 1.09 0.00	21.35 0.95 0.00	21.73 0.80 0.00	21.07 0.80 0.00	19.63 0.83 0.00	20.14 1.06 0.00	22.60 1.43 0.00	22.09 1.55 0.00	21.77 1.53 0.00	23.46 1.76 0.00	22.60 1.68 0.00	22.29 1.66 0.00	21.57 1.67 0.00	20.66 1.67 0.00	21.56 1.75 0.00	21.59 1.73 0.00	31.64 2.46 0.00	56.70 4.56 0.00	47.81 3.72 0.00	23.44 1.94 0.00	20.53 1.69 0.00	22.31 1.71 -0.03	22.55 1.65 -0.04	23.20 1.51 -0.01
ASHOKAN____ 23654	19.32 1.19 0.00	21.53 1.13 0.00	22.01 1.08 0.00	21.31 1.04 0.00	19.88 1.08 0.00	20.35 1.28 0.00	22.71 1.55 0.00	22.22 1.69 0.00	21.92 1.68 0.00	23.41 1.71 0.00	22.49 1.56 0.00	22.07 1.44 0.00	21.27 1.37 0.00	20.41 1.42 0.00	21.17 1.37 0.00	21.19 1.33 0.00	31.25 2.07 0.00	56.33 4.18 0.00	47.78 3.69 0.00	23.30 1.80 0.00	20.44 1.60 0.00	22.18 1.62 0.00	22.40 1.54 0.00	23.08 1.40 0.00
ASTORIA_EAST_ENERGY_CC1 323581	19.13 0.99 0.00	21.21 0.82 0.00	21.61 0.68 0.00	21.00 0.73 0.00	19.59 0.80 0.00	20.07 1.00 0.00	22.52 1.35 0.00	22.02 1.48 0.00	21.72 1.48 0.00	23.47 1.77 0.00	22.60 1.68 0.00	22.25 1.62 0.00	21.53 1.63 0.00	20.61 1.61 0.00	21.48 1.68 0.00	21.53 1.66 0.00	31.54 2.36 0.00	56.34 4.20 0.00	47.65 3.56 0.00	23.38 1.89 0.00	20.46 1.61 0.00	22.20 1.63 -0.01	22.40 1.54 -0.01	23.09 1.41 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.13 0.99 0.00	21.21 0.82 0.00	21.61 0.68 0.00	21.00 0.73 0.00	19.59 0.80 0.00	20.07 1.00 0.00	22.52 1.35 0.00	22.02 1.48 0.00	21.72 1.48 0.00	23.47 1.77 0.00	22.60 1.68 0.00	22.25 1.62 0.00	21.53 1.63 0.00	20.61 1.61 0.00	21.48 1.68 0.00	21.53 1.66 0.00	31.54 2.36 0.00	56.34 4.20 0.00	47.65 3.56 0.00	23.38 1.89 0.00	20.46 1.61 0.00	22.20 1.63 -0.01	22.40 1.54 -0.01	23.09 1.41 0.00
ASTORIA_GT2_1 24094	19.14 1.00 0.00	21.22 0.83 0.00	21.62 0.69 0.00	21.00 0.74 0.00	19.60 0.81 0.00	20.08 1.00 0.00	22.52 1.35 0.00	22.03 1.50 0.00	21.73 1.49 0.00	23.48 1.78 0.00	22.61 1.69 0.00	22.26 1.63 0.00	21.53 1.63 0.00	20.61 1.62 0.00	21.48 1.67 0.00	21.53 1.67 0.00	31.54 2.37 0.00	56.37 4.23 0.00	47.68 3.59 0.00	23.39 1.90 0.00	20.46 1.62 0.00	22.21 1.64 -0.01	22.41 1.55 -0.01	23.09 1.41 0.00
ASTORIA_GT2_2 24095	19.14 1.00 0.00	21.22 0.83 0.00	21.62 0.69 0.00	21.00 0.74 0.00	19.60 0.81 0.00	20.08 1.00 0.00	22.52 1.35 0.00	22.03 1.50 0.00	21.73 1.49 0.00	23.48 1.78 0.00	22.61 1.69 0.00	22.26 1.63 0.00	21.53 1.63 0.00	20.61 1.62 0.00	21.48 1.67 0.00	21.53 1.67 0.00	31.54 2.37 0.00	56.37 4.23 0.00	47.68 3.59 0.00	23.39 1.90 0.00	20.46 1.62 0.00	22.21 1.64 -0.01	22.41 1.55 -0.01	23.09 1.41 0.00
ASTORIA_GT2_3 24096	19.14 1.00 0.00	21.22 0.83 0.00	21.62 0.69 0.00	21.00 0.74 0.00	19.60 0.81 0.00	20.08 1.00 0.00	22.52 1.35 0.00	22.03 1.50 0.00	21.73 1.49 0.00	23.48 1.78 0.00	22.61 1.69 0.00	22.26 1.63 0.00	21.53 1.63 0.00	20.61 1.62 0.00	21.48 1.67 0.00	21.53 1.67 0.00	31.54 2.37 0.00	56.37 4.23 0.00	47.68 3.59 0.00	23.39 1.90 0.00	20.46 1.62 0.00	22.21 1.64 -0.01	22.41 1.55 -0.01	23.09 1.41 0.00
ASTORIA_GT2_4 24097	19.14 1.00 0.00	21.22 0.83 0.00	21.62 0.69 0.00	21.00 0.74 0.00	19.60 0.81 0.00	20.08 1.00 0.00	22.52 1.35 0.00	22.03 1.50 0.00	21.73 1.49 0.00	23.48 1.78 0.00	22.61 1.69 0.00	22.26 1.63 0.00	21.53 1.63 0.00	20.61 1.62 0.00	21.48 1.67 0.00	21.53 1.67 0.00	31.54 2.37 0.00	56.37 4.23 0.00	47.68 3.59 0.00	23.39 1.90 0.00	20.46 1.62 0.00	22.21 1.64 -0.01	22.41 1.55 -0.01	23.09 1.41 0.00
ASTORIA_GT3_1 24098	19.14 1.00 0.00	21.22 0.83 0.00	21.62 0.69 0.00	21.00 0.74 0.00	19.60 0.81 0.00	20.08 1.00 0.00	22.52 1.35 0.00	22.03 1.50 0.00	21.73 1.49 0.00	23.48 1.78 0.00	22.61 1.69 0.00	22.26 1.63 0.00	21.53 1.63 0.00	20.61 1.62 0.00	21.48 1.67 0.00	21.53 1.67 0.00	31.54 2.37 0.00	56.37 4.23 0.00	47.68 3.59 0.00	23.39 1.90 0.00	20.46 1.62 0.00	22.21 1.64 -0.01	22.41 1.55 -0.01	23.09 1.41 0.00
ASTORIA_GT3_2 24099	19.14 1.00 0.00	21.22 0.83 0.00	21.62 0.69 0.00	21.00 0.74 0.00	19.60 0.81 0.00	20.08 1.00 0.00	22.52 1.35 0.00	22.03 1.50 0.00	21.73 1.49 0.00	23.48 1.78 0.00	22.61 1.69 0.00	22.26 1.63 0.00	21.53 1.63 0.00	20.61 1.62 0.00	21.48 1.67 0.00	21.53 1.67 0.00	31.54 2.37 0.00	56.37 4.23 0.00	47.68 3.59 0.00	23.39 1.90 0.00	20.46 1.62 0.00	22.21 1.64 -0.01	22.41 1.55 -0.01	23.09 1.41 0.00
ASTORIA_GT3_3 24100	19.14 1.00 0.00	21.22 0.83 0.00	21.62 0.69 0.00	21.00 0.74 0.00	19.60 0.81 0.00	20.08 1.00 0.00	22.52 1.35 0.00	22.03 1.50 0.00	21.73 1.49 0.00	23.48 1.78 0.00	22.61 1.69 0.00	22.26 1.63 0.00	21.53 1.63 0.00	20.61 1.62 0.00	21.48 1.67 0.00	21.53 1.67 0.00	31.54 2.37 0.00	56.37 4.23 0.00	47.68 3.59 0.00	23.39 1.90 0.00	20.46 1.62 0.00	22.21 1.64 -0.01	22.41 1.55 -0.01	23.09 1.41 0.00
ASTORIA_GT3_4 24101	19.14 1.00 0.00	21.22 0.83 0.00	21.62 0.69 0.00	21.00 0.74 0.00	19.60 0.81 0.00	20.08 1.00 0.00	22.52 1.35 0.00	22.03 1.50 0.00	21.73 1.49 0.00	23.48 1.78 0.00	22.61 1.69 0.00	22.26 1.63 0.00	21.53 1.63 0.00	20.61 1.62 0.00	21.48 1.67 0.00	21.53 1.67 0.00	31.54 2.37 0.00	56.37 4.23 0.00	47.68 3.59 0.00	23.39 1.90 0.00	20.46 1.62 0.00	22.21 1.64 -0.01	22.41 1.55 -0.01	23.09 1.41 0.00
ASTORIA_GT4_1 24102	19.14 1.00 0.00	21.22 0.83 0.00	21.62 0.69 0.00	21.00 0.74 0.00	19.60 0.81 0.00	20.08 1.00 0.00	22.52 1.35 0.00	22.03 1.50 0.00	21.73 1.49 0.00	23.48 1.78 0.00	22.61 1.69 0.00	22.26 1.63 0.00	21.53 1.63 0.00	20.61 1.62 0.00	21.48 1.67 0.00	21.53 1.67 0.00	31.54 2.37 0.00	56.37 4.23 0.00	47.68 3.59 0.00	23.39 1.90 0.00	20.46 1.62 0.00	22.21 1.64 -0.01	22.41 1.55 -0.01	23.09 1.41 0.00
ASTORIA_GT4_2 24103	19.14 1.00 0.00	21.22 0.83 0.00	21.62 0.69 0.00	21.00 0.74 0.00	19.60 0.81 0.00	20.08 1.00 0.00	22.52 1.35 0.00	22.03 1.50 0.00	21.73 1.49 0.00	23.48 1.78 0.00	22.61 1.69 0.00	22.26 1.63 0.00	21.53 1.63 0.00	20.61 1.62 0.00	21.48 1.67 0.00	21.53 1.67 0.00	31.54 2.37 0.00	56.37 4.23 0.00	47.68 3.59 0.00	23.39 1.90 0.00	20.46 1.62 0.00	22.21 1.64 -0.01	22.41 1.55 -0.01	23.09 1.41 0.00
ASTORIA_GT4_3 24104	19.14 1.00 0.00	21.22 0.83 0.00	21.62 0.69 0.00	21.00 0.74 0.00	19.60 0.81 0.00	20.08 1.00 0.00	22.52 1.35 0.00	22.03 1.50 0.00	21.73 1.49 0.00	23.48 1.78 0.00	22.61 1.69 0.00	22.26 1.63 0.00	21.53 1.63 0.00	20.61 1.62 0.00	21.48 1.67 0.00	21.53 1.67 0.00	31.54 2.37 0.00	56.37 4.23 0.00	47.68 3.59 0.00	23.39 1.90 0.00	20.46 1.62 0.00	22.21 1.64 -0.01	22.41 1.55 -0.01	23.09 1.41 0.00

ASTORIA_GT4_4 24105	19.14 1.00 0.00	21.22 0.83 0.00	21.62 0.69 0.00	21.00 0.74 0.00	19.60 0.81 0.00	20.08 1.00 0.00	22.52 1.35 0.00	22.03 1.50 0.00	21.73 1.49 0.00	23.48 1.78 0.00	22.61 1.69 0.00	22.26 1.63 0.00	21.53 1.63 0.00	20.61 1.62 0.00	21.48 1.67 0.00	21.53 1.67 0.00	31.54 2.37 0.00	56.37 4.23 0.00	47.68 3.59 0.00	23.39 1.90 0.00	20.46 1.62 0.00	22.21 1.64 -0.01	22.41 1.55 -0.01	23.09 1.41 0.00
ASTORIA_GT_1 23523	19.17 1.04 0.00	21.26 0.86 0.00	21.65 0.72 0.00	21.04 0.77 0.00	19.63 0.84 0.00	20.12 1.04 0.00	22.56 1.40 0.00	22.08 1.54 0.00	21.78 1.54 0.00	23.53 1.83 0.00	22.66 1.74 0.00	22.30 1.68 0.00	21.57 1.67 0.00	20.66 1.66 0.00	21.54 1.73 0.00	21.58 1.71 0.00	31.61 2.43 0.00	56.49 4.35 0.00	47.77 3.68 0.00	23.44 1.94 0.00	20.50 1.66 0.00	22.25 1.68 -0.01	22.45 1.59 -0.01	23.14 1.45 0.00
ASTORIA_GT_10 24110	19.15 1.02 0.00	21.24 0.84 0.00	21.62 0.69 0.00	20.98 0.71 0.00	19.55 0.76 0.00	20.06 0.98 0.00	22.53 1.36 0.00	22.06 1.52 0.00	21.78 1.54 0.00	23.50 1.79 0.00	22.64 1.72 0.00	22.27 1.64 0.00	21.53 1.63 0.00	20.61 1.61 0.00	21.48 1.67 0.00	21.52 1.66 0.00	31.58 2.40 0.00	56.52 4.38 0.00	47.76 3.67 0.00	23.39 1.90 0.00	20.48 1.64 0.00	22.24 1.67 -0.01	22.46 1.60 -0.01	23.10 1.42 0.00
ASTORIA_GT_11 24225	19.15 1.02 0.00	21.24 0.84 0.00	21.62 0.69 0.00	20.98 0.71 0.00	19.55 0.76 0.00	20.06 0.98 0.00	22.53 1.36 0.00	22.06 1.52 0.00	21.78 1.54 0.00	23.50 1.79 0.00	22.64 1.72 0.00	22.27 1.64 0.00	21.53 1.63 0.00	20.61 1.61 0.00	21.48 1.67 0.00	21.52 1.66 0.00	31.58 2.40 0.00	56.52 4.38 0.00	47.76 3.67 0.00	23.39 1.90 0.00	20.48 1.64 0.00	22.24 1.67 -0.01	22.46 1.60 -0.01	23.10 1.42 0.00
ASTORIA_GT_12 24226	19.15 1.02 0.00	21.24 0.84 0.00	21.62 0.69 0.00	20.98 0.71 0.00	19.55 0.76 0.00	20.06 0.98 0.00	22.53 1.36 0.00	22.06 1.52 0.00	21.78 1.54 0.00	23.50 1.79 0.00	22.64 1.72 0.00	22.27 1.64 0.00	21.53 1.63 0.00	20.61 1.61 0.00	21.48 1.67 0.00	21.52 1.66 0.00	31.58 2.40 0.00	56.52 4.38 0.00	47.76 3.67 0.00	23.39 1.90 0.00	20.48 1.64 0.00	22.24 1.67 -0.01	22.46 1.60 -0.01	23.10 1.42 0.00
ASTORIA_GT_13 24227	19.15 1.02 0.00	21.24 0.84 0.00	21.62 0.69 0.00	20.98 0.71 0.00	19.55 0.76 0.00	20.06 0.98 0.00	22.53 1.36 0.00	22.06 1.52 0.00	21.78 1.54 0.00	23.50 1.79 0.00	22.64 1.72 0.00	22.27 1.64 0.00	21.53 1.63 0.00	20.61 1.61 0.00	21.48 1.67 0.00	21.52 1.66 0.00	31.58 2.40 0.00	56.52 4.38 0.00	47.76 3.67 0.00	23.39 1.90 0.00	20.48 1.64 0.00	22.24 1.67 -0.01	22.46 1.60 -0.01	23.10 1.42 0.00
ASTORIA_GT_5 24106	19.17 1.04 0.00	21.26 0.86 0.00	21.65 0.72 0.00	21.03 0.77 0.00	19.63 0.83 0.00	20.11 1.03 0.00	22.56 1.39 0.00	22.08 1.54 0.00	21.78 1.54 0.00	23.53 1.83 0.00	22.66 1.74 0.00	22.30 1.68 0.00	21.57 1.67 0.00	20.66 1.66 0.00	21.52 1.71 0.00	21.58 1.71 0.00	31.60 2.43 0.00	56.49 4.35 0.00	47.78 3.69 0.00	23.44 1.94 0.00	20.50 1.66 0.00	22.25 1.68 -0.01	22.45 1.58 -0.01	23.14 1.46 0.00
ASTORIA_GT_7 24107	19.17 1.04 0.00	21.26 0.86 0.00	21.65 0.72 0.00	21.03 0.77 0.00	19.63 0.83 0.00	20.11 1.03 0.00	22.56 1.39 0.00	22.08 1.54 0.00	21.78 1.54 0.00	23.53 1.83 0.00	22.66 1.74 0.00	22.30 1.68 0.00	21.57 1.67 0.00	20.66 1.66 0.00	21.52 1.71 0.00	21.58 1.71 0.00	31.60 2.43 0.00	56.49 4.35 0.00	47.78 3.69 0.00	23.44 1.94 0.00	20.50 1.66 0.00	22.25 1.68 -0.01	22.45 1.58 -0.01	23.14 1.46 0.00
ASTORIA_GT_8 24108	19.17 1.04 0.00	21.26 0.86 0.00	21.65 0.72 0.00	21.03 0.77 0.00	19.63 0.83 0.00	20.11 1.03 0.00	22.56 1.39 0.00	22.08 1.54 0.00	21.78 1.54 0.00	23.53 1.83 0.00	22.66 1.74 0.00	22.30 1.68 0.00	21.57 1.67 0.00	20.66 1.66 0.00	21.52 1.71 0.00	21.58 1.71 0.00	31.60 2.43 0.00	56.49 4.35 0.00	47.78 3.69 0.00	23.44 1.94 0.00	20.50 1.66 0.00	22.25 1.68 -0.01	22.45 1.58 -0.01	23.14 1.46 0.00
ASTORIA___2 24149	19.13 1.00 0.00	21.22 0.83 0.00	21.62 0.69 0.00	21.01 0.74 0.00	19.60 0.81 0.00	20.08 1.01 0.00	22.53 1.36 0.00	22.03 1.50 0.00	21.73 1.49 0.00	23.48 1.78 0.00	22.61 1.69 0.00	22.25 1.63 0.00	21.53 1.63 0.00	20.61 1.62 0.00	21.50 1.69 0.00	21.54 1.67 0.00	31.55 2.37 0.00	56.36 4.23 0.00	47.67 3.58 0.00	23.39 1.90 0.00	20.47 1.62 0.00	22.21 1.64 -0.01	22.42 1.55 -0.01	23.09 1.41 0.00
ASTORIA___3 23516	19.15 1.02 0.00	21.24 0.84 0.00	21.63 0.69 0.00	20.98 0.71 0.00	19.55 0.76 0.00	20.07 0.99 0.00	22.53 1.36 0.00	22.06 1.52 0.00	21.78 1.54 0.00	23.50 1.80 0.00	22.63 1.71 0.00	22.26 1.64 0.00	21.53 1.63 0.00	20.61 1.61 0.00	21.50 1.69 0.00	21.53 1.67 0.00	31.58 2.40 0.00	56.52 4.38 0.00	47.75 3.66 0.00	23.39 1.90 0.00	20.48 1.64 0.00	22.24 1.67 -0.01	22.46 1.60 -0.01	23.10 1.42 0.00
ASTORIA___4 23517	19.15 1.02 0.00	21.24 0.84 0.00	21.62 0.69 0.00	20.98 0.71 0.00	19.55 0.76 0.00	20.06 0.98 0.00	22.53 1.36 0.00	22.06 1.52 0.00	21.78 1.54 0.00	23.50 1.79 0.00	22.64 1.72 0.00	22.27 1.64 0.00	21.53 1.63 0.00	20.61 1.61 0.00	21.48 1.67 0.00	21.52 1.66 0.00	31.58 2.40 0.00	56.52 4.38 0.00	47.76 3.67 0.00	23.39 1.90 0.00	20.48 1.64 0.00	22.24 1.67 -0.01	22.46 1.60 -0.01	23.10 1.42 0.00
ASTORIA___5 23518	19.15 1.02 0.00	21.24 0.84 0.00	21.63 0.69 0.00	20.98 0.71 0.00	19.55 0.76 0.00	20.07 0.99 0.00	22.53 1.36 0.00	22.06 1.52 0.00	21.78 1.54 0.00	23.50 1.80 0.00	22.63 1.71 0.00	22.26 1.64 0.00	21.53 1.63 0.00	20.61 1.61 0.00	21.50 1.69 0.00	21.53 1.67 0.00	31.58 2.40 0.00	56.52 4.38 0.00	47.75 3.66 0.00	23.39 1.90 0.00	20.48 1.64 0.00	22.24 1.67 -0.01	22.46 1.60 -0.01	23.10 1.42 0.00
AST_ENERGY_2_CC3 323677	19.11 0.97 0.00	21.18 0.79 0.00	21.57 0.64 0.00	20.93 0.66 0.00	19.50 0.71 0.00	20.03 0.95 0.00	22.44 1.27 0.00	21.97 1.43 0.00	21.69 1.45 0.00	23.38 1.68 0.00	22.55 1.63 0.00	22.20 1.58 0.00	21.48 1.58 0.00	20.56 1.56 0.00	21.44 1.63 0.00	21.47 1.61 0.00	31.52 2.34 0.00	56.36 4.22 0.00	47.57 3.48 0.00	23.32 1.83 0.00	20.43 1.59 0.00	22.20 1.63 0.00	22.43 1.57 0.00	23.03 1.36 0.00
AST_ENERGY_2_CC4 323678	19.11 0.97 0.00	21.18 0.79 0.00	21.57 0.64 0.00	20.93 0.66 0.00	19.50 0.71 0.00	20.03 0.95 0.00	22.44 1.27 0.00	21.97 1.43 0.00	21.69 1.45 0.00	23.38 1.68 0.00	22.55 1.63 0.00	22.20 1.58 0.00	21.48 1.58 0.00	20.56 1.56 0.00	21.44 1.63 0.00	21.47 1.61 0.00	31.52 2.34 0.00	56.36 4.22 0.00	47.57 3.48 0.00	23.32 1.83 0.00	20.43 1.59 0.00	22.20 1.63 0.00	22.43 1.57 0.00	23.03 1.36 0.00

ATHENS_STG_1 23668	18.76 0.63 0.00	20.94 0.54 0.00	21.39 0.46 0.00	20.73 0.46 0.00	19.29 0.49 0.00	19.74 0.66 0.00	22.02 0.85 0.00	21.50 0.96 0.00	21.20 0.96 0.00	22.75 1.05 0.00	21.94 1.02 0.00	21.61 0.99 0.00	20.89 0.99 0.00	19.98 0.98 0.00	20.81 1.00 0.00	20.85 0.99 0.00	30.62 1.44 0.00	54.72 2.58 0.00	46.25 2.16 0.00	22.59 1.10 0.00	19.82 0.98 0.00	21.57 1.01 0.00	21.83 0.97 0.00	22.53 0.86 0.00
ATHENS_STG_2 23670	18.76 0.63 0.00	20.94 0.54 0.00	21.39 0.46 0.00	20.73 0.46 0.00	19.29 0.49 0.00	19.74 0.66 0.00	22.02 0.85 0.00	21.50 0.96 0.00	21.20 0.96 0.00	22.75 1.05 0.00	21.94 1.02 0.00	21.61 0.99 0.00	20.89 0.99 0.00	19.98 0.98 0.00	20.81 1.00 0.00	20.85 0.99 0.00	30.62 1.44 0.00	54.72 2.58 0.00	46.25 2.16 0.00	22.59 1.10 0.00	19.82 0.98 0.00	21.57 1.01 0.00	21.83 0.97 0.00	22.53 0.86 0.00
ATHENS_STG_3 23677	18.76 0.63 0.00	20.94 0.54 0.00	21.39 0.46 0.00	20.73 0.46 0.00	19.29 0.49 0.00	19.74 0.66 0.00	22.02 0.85 0.00	21.50 0.96 0.00	21.20 0.96 0.00	22.75 1.05 0.00	21.94 1.02 0.00	21.61 0.99 0.00	20.89 0.99 0.00	19.98 0.98 0.00	20.81 1.00 0.00	20.85 0.99 0.00	30.62 1.44 0.00	54.72 2.58 0.00	46.25 2.16 0.00	22.59 1.10 0.00	19.82 0.98 0.00	21.57 1.01 0.00	21.83 0.97 0.00	22.53 0.86 0.00
AUBURN___LFGE 323710	18.10 -0.04 0.00	20.26 -0.13 0.00	20.74 -0.19 0.00	20.06 -0.21 0.00	18.70 -0.09 0.00	19.11 0.03 0.00	21.24 0.08 0.00	20.67 0.13 0.00	20.36 0.12 0.00	21.71 0.00 0.00	20.89 -0.03 0.00	20.62 -0.01 0.00	19.78 -0.12 0.00	18.91 -0.09 0.00	19.63 -0.17 0.00	19.79 -0.07 0.00	29.11 -0.07 0.00	52.26 0.12 0.00	44.31 0.22 0.00	21.42 -0.08 0.00	18.81 -0.03 0.00	20.51 -0.05 0.00	20.74 -0.12 0.00	21.60 -0.07 0.00
BABYLON_RES_REC 323704	19.49 1.35 0.00	21.60 1.21 0.00	22.04 1.11 0.00	21.32 1.05 0.00	19.87 1.07 0.00	20.43 1.35 0.00	22.79 1.63 0.00	22.28 1.75 0.00	22.01 1.77 0.00	23.76 2.06 0.00	22.94 2.02 0.00	22.56 1.94 0.00	23.02 2.04 -1.08	42.66 2.03 -21.63	32.24 2.14 -10.29	21.88 2.02 0.00	32.08 2.90 0.00	57.54 5.16 -0.23	54.93 4.16 -6.68	23.69 2.19 0.00	21.89 1.95 -1.10	22.66 2.10 0.00	22.87 2.02 0.00	23.56 1.88 0.00
BABYLON__69_KV_BK2 356345	19.67 1.54 0.00	21.80 1.40 0.00	22.24 1.30 0.00	21.51 1.25 0.00	20.05 1.25 0.00	20.61 1.53 0.00	22.99 1.82 0.00	22.47 1.93 0.00	22.20 1.96 0.00	23.96 2.26 0.00	23.14 2.22 0.00	22.74 2.12 0.00	23.21 2.23 -1.08	42.84 2.21 -21.63	32.43 2.33 -10.29	22.07 2.21 0.00	32.37 3.19 0.00	58.60 5.74 -0.72	69.33 4.57 -20.67	23.90 2.41 0.00	24.41 2.15 -3.41	22.89 2.32 0.00	23.10 2.24 0.00	23.79 2.11 0.00
BALL_HILL_WT_PWR 323825	17.22 -0.74 0.17	19.40 -0.85 0.15	16.86 -0.94 3.13	18.72 -1.04 0.51	17.99 -0.80 0.00	15.90 -0.75 2.42	17.16 -0.79 3.22	19.47 -0.74 0.32	17.51 -0.68 2.06	20.92 -0.78 0.00	20.13 -0.80 0.00	20.05 -0.58 0.00	19.22 -0.68 0.00	18.29 -0.70 0.00	18.95 -0.86 0.00	19.07 -0.80 0.00	28.08 -1.09 0.00	50.33 -1.81 0.00	42.39 -1.69 0.00	20.32 -1.17 0.00	17.81 -1.03 0.00	19.48 -1.09 0.00	20.12 -0.74 0.00	21.07 -0.61 0.00
BARON_WINDS___WT_PWR 323822	18.32 0.08 -0.10	20.47 -0.01 -0.09	22.65 -0.13 -1.85	20.44 -0.13 -0.30	18.81 0.01 0.00	20.63 0.12 -1.43	23.40 0.36 -1.88	21.24 0.51 -0.19	21.96 0.53 -1.19	22.11 0.41 0.00	21.21 0.29 0.00	20.90 0.27 0.00	20.04 0.14 0.00	19.09 0.09 0.00	19.67 -0.14 0.00	19.77 -0.10 0.00	29.09 -0.09 0.00	51.93 -0.21 0.00	44.23 0.14 0.00	21.37 -0.12 0.00	18.69 -0.14 0.00	20.30 -0.27 0.00	20.58 -0.28 0.00	21.29 -0.38 0.00
BARRETT_IC_1 23704	19.37 1.24 0.00	21.49 1.09 0.00	21.82 0.89 0.00	21.13 0.86 0.00	19.70 0.90 0.00	20.24 1.16 0.00	22.62 1.45 0.00	22.07 1.53 0.00	21.81 1.57 0.00	23.55 1.85 0.00	22.80 1.87 0.00	22.52 1.87 -0.02	22.91 1.92 -1.09	42.51 1.88 -21.63	32.03 1.93 -10.29	21.72 1.86 0.00	31.78 2.60 0.00	56.52 4.38 0.00	47.71 3.62 0.00	23.45 1.96 0.00	20.57 1.73 0.00	22.42 1.86 0.00	22.67 1.81 0.00	23.37 1.69 0.00
BARRETT_IC_10 23701	19.37 1.24 0.00	21.49 1.09 0.00	21.82 0.89 0.00	21.13 0.86 0.00	19.70 0.90 0.00	20.24 1.16 0.00	22.62 1.45 0.00	22.07 1.53 0.00	21.81 1.57 0.00	23.55 1.85 0.00	22.80 1.87 0.00	22.52 1.87 -0.02	22.91 1.92 -1.09	42.51 1.88 -21.63	32.03 1.93 -10.29	21.72 1.86 0.00	31.78 2.60 0.00	56.52 4.38 0.00	47.71 3.62 0.00	23.45 1.96 0.00	20.57 1.73 0.00	22.42 1.86 0.00	22.67 1.81 0.00	23.37 1.69 0.00
BARRETT_IC_11 23702	19.37 1.24 0.00	21.49 1.09 0.00	21.82 0.89 0.00	21.13 0.86 0.00	19.70 0.90 0.00	20.24 1.16 0.00	22.62 1.45 0.00	22.07 1.53 0.00	21.81 1.57 0.00	23.55 1.85 0.00	22.80 1.87 0.00	22.52 1.87 -0.02	22.91 1.92 -1.09	42.51 1.88 -21.63	32.03 1.93 -10.29	21.72 1.86 0.00	31.78 2.60 0.00	56.52 4.38 0.00	47.71 3.62 0.00	23.45 1.96 0.00	20.57 1.73 0.00	22.42 1.86 0.00	22.67 1.81 0.00	23.37 1.69 0.00
BARRETT_IC_12 23703	19.37 1.24 0.00	21.49 1.09 0.00	21.82 0.89 0.00	21.13 0.86 0.00	19.70 0.90 0.00	20.24 1.16 0.00	22.62 1.45 0.00	22.07 1.53 0.00	21.81 1.57 0.00	23.55 1.85 0.00	22.80 1.87 0.00	22.52 1.87 -0.02	22.91 1.92 -1.09	42.51 1.88 -21.63	32.03 1.93 -10.29	21.72 1.86 0.00	31.78 2.60 0.00	56.52 4.38 0.00	47.71 3.62 0.00	23.45 1.96 0.00	20.57 1.73 0.00	22.42 1.86 0.00	22.67 1.81 0.00	23.37 1.69 0.00
BARRETT_IC_2 23705	19.37 1.24 0.00	21.49 1.09 0.00	21.82 0.89 0.00	21.13 0.86 0.00	19.70 0.90 0.00	20.24 1.16 0.00	22.62 1.45 0.00	22.07 1.53 0.00	21.81 1.57 0.00	23.55 1.85 0.00	22.80 1.87 0.00	22.52 1.87 -0.02	22.91 1.92 -1.09	42.51 1.88 -21.63	32.03 1.93 -10.29	21.72 1.86 0.00	31.78 2.60 0.00	56.52 4.38 0.00	47.71 3.62 0.00	23.45 1.96 0.00	20.57 1.73 0.00	22.42 1.86 0.00	22.67 1.81 0.00	23.37 1.69 0.00
BARRETT_IC_3 23706	19.37 1.24 0.00	21.49 1.09 0.00	21.82 0.89 0.00	21.13 0.86 0.00	19.70 0.90 0.00	20.24 1.16 0.00	22.62 1.45 0.00	22.07 1.53 0.00	21.81 1.57 0.00	23.55 1.85 0.00	22.80 1.87 0.00	22.52 1.87 -0.02	22.91 1.92 -1.09	42.51 1.88 -21.63	32.03 1.93 -10.29	21.72 1.86 0.00	31.78 2.60 0.00	56.52 4.38 0.00	47.71 3.62 0.00	23.45 1.96 0.00	20.57 1.73 0.00	22.42 1.86 0.00	22.67 1.81 0.00	23.37 1.69 0.00
BARRETT_IC_4 23707	19.37 1.24 0.00	21.49 1.09 0.00	21.82 0.89 0.00	21.13 0.86 0.00	19.70 0.90 0.00	20.24 1.16 0.00	22.62 1.45 0.00	22.07 1.53 0.00	21.81 1.57 0.00	23.55 1.85 0.00	22.80 1.87 0.00	22.52 1.87 -0.02	22.91 1.92 -1.09	42.51 1.88 -21.63	32.03 1.93 -10.29	21.72 1.86 0.00	31.78 2.60 0.00	56.52 4.38 0.00	47.71 3.62 0.00	23.45 1.96 0.00	20.57 1.73 0.00	22.42 1.86 0.00	22.67 1.81 0.00	23.37 1.69 0.00

BARRETT_IC_5 23708	19.37 1.24 0.00	21.49 1.09 0.00	21.82 0.89 0.00	21.13 0.86 0.00	19.70 0.90 0.00	20.24 1.16 0.00	22.62 1.45 0.00	22.07 1.53 0.00	21.81 1.57 0.00	23.55 1.85 0.00	22.80 1.87 0.00	22.52 1.87 -0.02	22.91 1.92 -1.09	42.51 1.88 -21.63	32.03 1.93 -10.29	21.72 1.86 0.00	31.78 2.60 0.00	56.52 4.38 0.00	47.71 3.62 0.00	23.45 1.96 0.00	20.57 1.73 0.00	22.42 1.86 0.00	22.67 1.81 0.00	23.37 1.69 0.00
BARRETT_IC_6 23709	19.37 1.24 0.00	21.49 1.09 0.00	21.82 0.89 0.00	21.13 0.86 0.00	19.70 0.90 0.00	20.24 1.16 0.00	22.62 1.45 0.00	22.07 1.53 0.00	21.81 1.57 0.00	23.55 1.85 0.00	22.80 1.87 0.00	22.52 1.87 -0.02	22.91 1.92 -1.09	42.51 1.88 -21.63	32.03 1.93 -10.29	21.72 1.86 0.00	31.78 2.60 0.00	56.52 4.38 0.00	47.71 3.62 0.00	23.45 1.96 0.00	20.57 1.73 0.00	22.42 1.86 0.00	22.67 1.81 0.00	23.37 1.69 0.00
BARRETT_IC_7 23710	19.37 1.24 0.00	21.49 1.09 0.00	21.82 0.89 0.00	21.13 0.87 0.00	19.70 0.90 0.00	20.24 1.16 0.00	22.62 1.45 0.00	22.07 1.53 0.00	21.81 1.57 0.00	23.55 1.85 0.00	22.80 1.87 0.00	22.51 1.87 -0.02	22.90 1.92 -1.08	42.51 1.88 -21.63	32.02 1.92 -10.29	21.72 1.85 0.00	31.78 2.60 0.00	56.52 4.38 0.00	47.71 3.62 0.00	23.45 1.96 0.00	20.57 1.73 0.00	22.42 1.86 0.00	22.67 1.81 0.00	23.37 1.69 0.00
BARRETT_IC_8 23711	19.37 1.24 0.00	21.49 1.09 0.00	21.82 0.89 0.00	21.13 0.86 0.00	19.70 0.90 0.00	20.24 1.16 0.00	22.62 1.45 0.00	22.07 1.53 0.00	21.81 1.57 0.00	23.55 1.85 0.00	22.80 1.87 0.00	22.52 1.87 -0.02	22.91 1.92 -1.09	42.51 1.88 -21.63	32.03 1.93 -10.29	21.72 1.86 0.00	31.78 2.60 0.00	56.52 4.38 0.00	47.71 3.62 0.00	23.45 1.96 0.00	20.57 1.73 0.00	22.42 1.86 0.00	22.67 1.81 0.00	23.37 1.69 0.00
BARRETT_IC_9 23700	19.37 1.24 0.00	21.49 1.09 0.00	21.82 0.89 0.00	21.13 0.86 0.00	19.70 0.90 0.00	20.24 1.16 0.00	22.62 1.45 0.00	22.07 1.53 0.00	21.81 1.57 0.00	23.55 1.85 0.00	22.80 1.87 0.00	22.52 1.87 -0.02	22.91 1.92 -1.09	42.51 1.88 -21.63	32.03 1.93 -10.29	21.72 1.86 0.00	31.78 2.60 0.00	56.52 4.38 0.00	47.71 3.62 0.00	23.45 1.96 0.00	20.57 1.73 0.00	22.42 1.86 0.00	22.67 1.81 0.00	23.37 1.69 0.00
BARRETT___1 23545	19.37 1.24 0.00	21.49 1.09 0.00	21.82 0.89 0.00	21.13 0.86 0.00	19.70 0.90 0.00	20.24 1.16 0.00	22.62 1.45 0.00	22.07 1.53 0.00	21.81 1.57 0.00	23.55 1.85 0.00	22.80 1.87 0.00	22.52 1.87 -0.02	22.91 1.92 -1.09	42.51 1.88 -21.63	32.03 1.93 -10.29	21.72 1.86 0.00	31.78 2.60 0.00	56.52 4.38 0.00	47.71 3.62 0.00	23.45 1.96 0.00	20.57 1.73 0.00	22.42 1.86 0.00	22.67 1.81 0.00	23.37 1.69 0.00
BARRETT___2 23546	19.37 1.24 0.00	21.49 1.09 0.00	21.82 0.89 0.00	21.13 0.86 0.00	19.70 0.90 0.00	20.24 1.16 0.00	22.62 1.45 0.00	22.07 1.53 0.00	21.81 1.57 0.00	23.55 1.85 0.00	22.80 1.87 0.00	22.52 1.87 -0.02	22.91 1.92 -1.09	42.51 1.88 -21.63	32.03 1.93 -10.29	21.72 1.86 0.00	31.78 2.60 0.00	56.52 4.38 0.00	47.71 3.62 0.00	23.45 1.96 0.00	20.57 1.73 0.00	22.42 1.86 0.00	22.67 1.81 0.00	23.37 1.69 0.00
BATAVIA___115KV_TB1 55881	17.39 -0.75 0.00	19.55 -0.84 0.00	20.05 -0.88 0.00	19.27 -1.00 0.00	18.01 -0.79 0.00	18.42 -0.65 0.00	20.45 -0.72 0.00	19.77 -0.77 0.00	19.52 -0.72 0.00	20.77 -0.94 0.00	19.86 -1.06 0.00	19.80 -0.82 0.00	18.94 -0.96 0.00	18.09 -0.91 0.00	18.73 -1.08 0.00	18.88 -0.98 0.00	27.91 -1.27 0.00	50.26 -1.88 0.00	42.48 -1.61 0.00	20.44 -1.05 0.00	17.92 -0.92 0.00	19.57 -1.00 0.00	20.14 -0.72 0.00	21.14 -0.54 0.00
BAYONEEC___CTG1 323682	19.11 0.98 0.00	21.20 0.80 0.00	21.58 0.65 0.00	20.94 0.67 0.00	19.51 0.71 0.00	20.04 0.96 0.00	22.47 1.30 0.00	22.00 1.46 0.00	21.72 1.48 0.00	23.41 1.71 0.00	22.58 1.66 0.00	22.23 1.60 0.00	21.50 1.60 0.00	20.58 1.58 0.00	21.46 1.66 0.00	21.49 1.63 0.00	31.55 2.37 0.00	56.42 4.28 0.00	47.61 3.52 0.00	23.33 1.84 0.00	20.44 1.60 0.00	22.21 1.64 0.00	22.44 1.58 0.00	23.05 1.38 0.00
BAYONEEC___CTG10 323750	19.11 0.98 0.00	21.20 0.80 0.00	21.58 0.65 0.00	20.94 0.67 0.00	19.51 0.71 0.00	20.04 0.96 0.00	22.47 1.30 0.00	22.00 1.46 0.00	21.72 1.48 0.00	23.41 1.71 0.00	22.58 1.66 0.00	22.23 1.60 0.00	21.50 1.60 0.00	20.58 1.58 0.00	21.46 1.66 0.00	21.49 1.63 0.00	31.55 2.37 0.00	56.42 4.28 0.00	47.61 3.52 0.00	23.33 1.84 0.00	20.44 1.60 0.00	22.21 1.64 0.00	22.44 1.58 0.00	23.05 1.38 0.00
BAYONEEC___CTG2 323683	19.11 0.98 0.00	21.20 0.80 0.00	21.58 0.65 0.00	20.94 0.67 0.00	19.51 0.71 0.00	20.04 0.96 0.00	22.47 1.30 0.00	22.00 1.46 0.00	21.72 1.48 0.00	23.41 1.71 0.00	22.58 1.66 0.00	22.23 1.60 0.00	21.50 1.60 0.00	20.58 1.58 0.00	21.46 1.66 0.00	21.49 1.63 0.00	31.55 2.37 0.00	56.42 4.28 0.00	47.61 3.52 0.00	23.33 1.84 0.00	20.44 1.60 0.00	22.21 1.64 0.00	22.44 1.58 0.00	23.05 1.38 0.00
BAYONEEC___CTG3 323684	19.11 0.98 0.00	21.20 0.80 0.00	21.58 0.65 0.00	20.94 0.67 0.00	19.51 0.71 0.00	20.04 0.96 0.00	22.47 1.30 0.00	22.00 1.46 0.00	21.72 1.48 0.00	23.41 1.71 0.00	22.58 1.66 0.00	22.23 1.60 0.00	21.50 1.60 0.00	20.58 1.58 0.00	21.46 1.66 0.00	21.49 1.63 0.00	31.55 2.37 0.00	56.42 4.28 0.00	47.61 3.52 0.00	23.33 1.84 0.00	20.44 1.60 0.00	22.21 1.64 0.00	22.44 1.58 0.00	23.05 1.38 0.00
BAYONEEC___CTG4 323685	19.11 0.98 0.00	21.20 0.80 0.00	21.58 0.65 0.00	20.94 0.67 0.00	19.51 0.71 0.00	20.04 0.96 0.00	22.47 1.30 0.00	22.00 1.46 0.00	21.72 1.48 0.00	23.41 1.71 0.00	22.58 1.66 0.00	22.23 1.60 0.00	21.50 1.60 0.00	20.58 1.58 0.00	21.46 1.66 0.00	21.49 1.63 0.00	31.55 2.37 0.00	56.42 4.28 0.00	47.61 3.52 0.00	23.33 1.84 0.00	20.44 1.60 0.00	22.21 1.64 0.00	22.44 1.58 0.00	23.05 1.38 0.00
BAYONEEC___CTG5 323686	19.11 0.98 0.00	21.20 0.80 0.00	21.58 0.65 0.00	20.94 0.67 0.00	19.51 0.71 0.00	20.04 0.96 0.00	22.47 1.30 0.00	22.00 1.46 0.00	21.72 1.48 0.00	23.41 1.71 0.00	22.58 1.66 0.00	22.23 1.60 0.00	21.50 1.60 0.00	20.58 1.58 0.00	21.46 1.66 0.00	21.49 1.63 0.00	31.55 2.37 0.00	56.42 4.28 0.00	47.61 3.52 0.00	23.33 1.84 0.00	20.44 1.60 0.00	22.21 1.64 0.00	22.44 1.58 0.00	23.05 1.38 0.00
BAYONEEC___CTG6 323687	19.11 0.98 0.00	21.20 0.80 0.00	21.58 0.65 0.00	20.94 0.67 0.00	19.51 0.71 0.00	20.04 0.96 0.00	22.47 1.30 0.00	22.00 1.46 0.00	21.72 1.48 0.00	23.41 1.71 0.00	22.58 1.66 0.00	22.23 1.60 0.00	21.50 1.60 0.00	20.58 1.58 0.00	21.46 1.66 0.00	21.49 1.63 0.00	31.55 2.37 0.00	56.42 4.28 0.00	47.61 3.52 0.00	23.33 1.84 0.00	20.44 1.60 0.00	22.21 1.64 0.00	22.44 1.58 0.00	23.05 1.38 0.00

BAYONEEC___CTG7 323688	19.11 0.98 0.00	21.20 0.80 0.00	21.58 0.65 0.00	20.94 0.67 0.00	19.51 0.71 0.00	20.04 0.96 0.00	22.47 1.30 0.00	22.00 1.46 0.00	21.72 1.48 0.00	23.41 1.71 0.00	22.58 1.66 0.00	22.23 1.60 0.00	21.50 1.60 0.00	20.58 1.58 0.00	21.46 1.66 0.00	21.49 1.63 0.00	31.55 2.37 0.00	56.42 4.28 0.00	47.61 3.52 0.00	23.33 1.84 0.00	20.44 1.60 0.00	22.21 1.64 0.00	22.44 1.58 0.00	23.05 1.38 0.00
BAYONEEC___CTG8 323689	19.11 0.98 0.00	21.20 0.80 0.00	21.58 0.65 0.00	20.94 0.67 0.00	19.51 0.71 0.00	20.04 0.96 0.00	22.47 1.30 0.00	22.00 1.46 0.00	21.72 1.48 0.00	23.41 1.71 0.00	22.58 1.66 0.00	22.23 1.60 0.00	21.50 1.60 0.00	20.58 1.58 0.00	21.46 1.66 0.00	21.49 1.63 0.00	31.55 2.37 0.00	56.42 4.28 0.00	47.61 3.52 0.00	23.33 1.84 0.00	20.44 1.60 0.00	22.21 1.64 0.00	22.44 1.58 0.00	23.05 1.38 0.00
BAYONEEC___CTG9 323749	19.11 0.98 0.00	21.20 0.80 0.00	21.58 0.65 0.00	20.94 0.67 0.00	19.51 0.71 0.00	20.04 0.96 0.00	22.47 1.30 0.00	22.00 1.46 0.00	21.72 1.48 0.00	23.41 1.71 0.00	22.58 1.66 0.00	22.23 1.60 0.00	21.50 1.60 0.00	20.58 1.58 0.00	21.46 1.66 0.00	21.49 1.63 0.00	31.55 2.37 0.00	56.42 4.28 0.00	47.61 3.52 0.00	23.33 1.84 0.00	20.44 1.60 0.00	22.21 1.64 0.00	22.44 1.58 0.00	23.05 1.38 0.00
BEACON___LESR 323632	18.89 0.75 0.00	21.03 0.64 0.00	21.48 0.55 0.00	20.81 0.55 0.00	19.40 0.61 0.00	19.83 0.75 0.00	22.05 0.88 0.00	21.56 1.02 0.00	21.22 0.98 0.00	22.72 1.01 0.00	21.87 0.95 0.00	21.54 0.91 0.00	20.84 0.94 0.00	19.99 1.00 0.00	20.73 0.92 0.00	20.78 0.91 0.00	30.60 1.42 0.00	54.66 2.52 0.00	46.22 2.13 0.00	22.57 1.08 0.00	19.83 0.99 0.00	21.58 1.01 0.00	21.76 0.91 0.00	22.47 0.80 0.00
BEAVER RIVER___HYD 24048	18.04 -0.09 0.00	20.36 -0.03 0.00	21.02 0.09 0.00	20.35 0.08 0.00	18.82 0.03 0.00	19.13 0.05 0.00	21.39 0.22 0.00	20.77 0.22 0.00	20.45 0.21 0.00	21.90 0.20 0.00	21.00 0.08 0.00	20.51 -0.12 0.00	19.69 -0.21 0.00	18.69 -0.31 0.00	19.52 -0.29 0.00	19.45 -0.41 0.00	28.72 -0.46 0.00	51.98 -0.16 0.00	44.43 0.34 0.00	21.25 -0.25 0.00	18.62 -0.22 0.00	20.30 -0.27 0.00	20.50 -0.36 0.00	21.25 -0.43 0.00
BEEBEE_GT_13 23619	17.37 -0.77 0.00	19.52 -0.88 0.00	19.97 -0.97 0.00	19.27 -1.00 0.00	17.99 -0.81 0.00	18.34 -0.74 0.00	20.37 -0.80 0.00	19.76 -0.78 0.00	19.48 -0.76 0.00	20.81 -0.89 0.00	20.00 -0.92 0.00	19.89 -0.74 0.00	19.09 -0.81 0.00	18.19 -0.81 0.00	18.88 -0.93 0.00	18.99 -0.87 0.00	28.04 -1.14 0.00	50.26 -1.88 0.00	42.46 -1.63 0.00	20.52 -0.98 0.00	17.98 -0.86 0.00	19.62 -0.95 0.00	20.07 -0.79 0.00	20.96 -0.72 0.00
BENSHRST_27_KV_BENSHRST_1 355998	19.36 1.23 0.00	21.48 1.09 0.00	21.86 0.93 0.00	21.19 0.93 0.00	19.75 0.95 0.00	20.27 1.19 0.00	22.77 1.60 0.00	22.28 1.74 0.00	21.99 1.75 0.00	23.72 2.02 0.00	22.86 1.94 0.00	22.52 1.89 0.00	21.79 1.89 0.00	20.86 1.86 0.00	21.74 1.93 0.00	21.78 1.92 0.00	31.94 2.76 0.00	57.18 5.04 0.00	48.25 4.16 0.00	23.64 2.15 0.00	20.71 1.87 0.00	22.52 1.92 -0.03	22.75 1.86 -0.04	23.38 1.69 -0.01
BETHLEHEM___GRP 23843	18.61 0.47 0.00	20.71 0.32 0.00	21.19 0.26 0.00	20.52 0.26 0.00	19.15 0.36 0.00	19.51 0.43 0.00	21.61 0.45 0.00	21.09 0.55 0.00	20.77 0.53 0.00	22.21 0.51 0.00	21.40 0.49 0.00	21.08 0.45 0.00	20.43 0.53 0.00	19.57 0.58 0.00	20.35 0.55 0.00	20.39 0.53 0.00	29.91 0.73 0.00	53.43 1.29 0.00	45.14 1.04 0.00	22.06 0.57 0.00	19.43 0.59 0.00	21.10 0.53 0.00	21.32 0.46 0.00	22.01 0.34 0.00
BETHLEHEM___GS1 323560	18.60 0.47 0.00	20.72 0.32 0.00	21.19 0.26 0.00	20.52 0.25 0.00	19.15 0.35 0.00	19.51 0.44 0.00	21.61 0.45 0.00	21.09 0.55 0.00	20.78 0.54 0.00	22.21 0.51 0.00	21.40 0.49 0.00	21.08 0.46 0.00	20.44 0.54 0.00	19.57 0.58 0.00	20.34 0.53 0.00	20.38 0.51 0.00	29.91 0.73 0.00	53.43 1.29 0.00	45.14 1.05 0.00	22.06 0.56 0.00	19.43 0.59 0.00	21.10 0.53 0.00	21.32 0.46 0.00	22.01 0.34 0.00
BETHLEHEM___GS2 323561	18.60 0.47 0.00	20.72 0.32 0.00	21.19 0.26 0.00	20.52 0.25 0.00	19.15 0.35 0.00	19.51 0.44 0.00	21.61 0.45 0.00	21.09 0.55 0.00	20.78 0.54 0.00	22.21 0.51 0.00	21.40 0.49 0.00	21.08 0.46 0.00	20.44 0.54 0.00	19.57 0.58 0.00	20.34 0.53 0.00	20.38 0.51 0.00	29.91 0.73 0.00	53.43 1.29 0.00	45.14 1.05 0.00	22.06 0.56 0.00	19.43 0.59 0.00	21.10 0.53 0.00	21.32 0.46 0.00	22.01 0.34 0.00
BETHLEHEM___GS3 323562	18.60 0.47 0.00	20.72 0.32 0.00	21.19 0.26 0.00	20.52 0.25 0.00	19.15 0.35 0.00	19.51 0.44 0.00	21.61 0.45 0.00	21.09 0.55 0.00	20.78 0.54 0.00	22.21 0.51 0.00	21.40 0.49 0.00	21.08 0.46 0.00	20.44 0.54 0.00	19.57 0.58 0.00	20.34 0.53 0.00	20.38 0.51 0.00	29.91 0.73 0.00	53.43 1.29 0.00	45.14 1.05 0.00	22.06 0.56 0.00	19.43 0.59 0.00	21.10 0.53 0.00	21.32 0.46 0.00	22.01 0.34 0.00
BETHLEHEM___STEEL 23779	17.30 -0.84 0.00	19.48 -0.92 0.00	19.95 -0.98 0.00	19.17 -1.10 0.00	17.92 -0.88 0.00	18.28 -0.80 0.00	20.28 -0.89 0.00	19.61 -0.93 0.00	19.41 -0.83 0.00	20.78 -0.92 0.00	19.98 -0.94 0.00	19.94 -0.68 0.00	19.11 -0.79 0.00	18.17 -0.83 0.00	18.83 -0.97 0.00	18.94 -0.91 0.00	27.93 -1.25 0.00	50.01 -2.13 0.00	42.13 -1.96 0.00	20.23 -1.26 0.00	17.74 -1.10 0.00	19.39 -1.17 0.00	20.03 -0.83 0.00	21.02 -0.66 0.00
BETHLHEM_115KV_TB1 79974	18.62 0.49 0.00	20.73 0.34 0.00	21.21 0.27 0.00	20.54 0.27 0.00	19.17 0.37 0.00	19.52 0.45 0.00	21.64 0.47 0.00	21.11 0.57 0.00	20.80 0.56 0.00	22.23 0.53 0.00	21.43 0.51 0.00	21.10 0.48 0.00	20.46 0.56 0.00	19.60 0.60 0.00	20.37 0.57 0.00	20.41 0.54 0.00	29.98 0.80 0.00	53.58 1.44 0.00	45.27 1.18 0.00	22.11 0.62 0.00	19.47 0.63 0.00	21.15 0.58 0.00	21.38 0.52 0.00	22.08 0.40 0.00
BETHPAGE_CC_5 323564	19.44 1.30 0.00	21.56 1.16 0.00	21.98 1.05 0.00	21.27 1.00 0.00	19.82 1.03 0.00	20.37 1.29 0.00	22.72 1.55 0.00	22.20 1.67 0.00	21.94 1.70 0.00	23.68 1.98 0.00	22.86 1.94 0.00	22.52 1.89 0.00	22.95 1.97 -1.08	42.58 1.96 -21.63	32.15 2.05 -10.29	21.81 1.95 0.00	31.98 2.80 0.00	57.06 4.92 0.00	48.07 3.98 0.00	23.61 2.12 0.00	20.71 1.87 0.00	22.60 2.03 0.00	22.82 1.96 0.00	23.50 1.82 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.42 -0.72 0.00	19.61 -0.79 0.00	20.09 -0.85 0.00	19.30 -0.97 0.00	18.04 -0.75 0.00	18.41 -0.67 0.00	20.43 -0.74 0.00	19.75 -0.79 0.00	19.56 -0.68 0.00	20.94 -0.76 0.00	20.13 -0.79 0.00	20.08 -0.55 0.00	19.25 -0.65 0.00	18.31 -0.68 0.00	18.97 -0.83 0.00	19.08 -0.78 0.00	28.13 -1.05 0.00	50.38 -1.76 0.00	42.46 -1.63 0.00	20.39 -1.11 0.00	17.87 -0.97 0.00	19.54 -1.03 0.00	20.18 -0.68 0.00	21.16 -0.52 0.00

BINGHAMTON___COGEN 23790	18.26 0.13 0.00	20.42 0.03 0.00	20.88 -0.06 0.00	20.21 -0.05 0.00	18.84 0.05 0.00	19.23 0.15 0.00	21.44 0.27 0.00	20.92 0.37 0.00	20.62 0.38 0.00	21.98 0.27 0.00	21.15 0.23 0.00	20.86 0.23 0.00	20.13 0.23 0.00	19.22 0.22 0.00	19.96 0.15 0.00	20.05 0.18 0.00	29.52 0.35 0.00	52.76 0.62 0.00	44.66 0.57 0.00	21.67 0.18 0.00	19.00 0.16 0.00	20.68 0.11 0.00	21.02 0.16 0.00	21.73 0.05 0.00
BIXINCNT_115KV_LOAD 355685	17.86 -0.27 0.00	20.13 -0.27 0.00	20.56 -0.37 0.00	19.75 -0.52 0.00	18.51 -0.29 0.00	18.94 -0.14 0.00	21.01 -0.16 0.00	20.36 -0.18 0.00	20.18 -0.06 0.00	21.58 -0.13 0.00	20.71 -0.21 0.00	20.59 -0.04 0.00	19.69 -0.21 0.00	18.73 -0.27 0.00	19.39 -0.42 0.00	19.38 -0.49 0.00	28.59 -0.58 0.00	51.59 -0.55 0.00	43.74 -0.35 0.00	20.88 -0.61 0.00	18.24 -0.59 0.00	19.97 -0.59 0.00	20.66 -0.20 0.00	21.61 -0.07 0.00
BLACK RIVER___HYD 24047	18.00 -0.14 0.00	20.30 -0.10 0.00	20.93 -0.01 0.00	20.25 -0.01 0.00	18.76 -0.03 0.00	19.15 0.07 0.00	21.44 0.27 0.00	20.83 0.29 0.00	20.50 0.26 0.00	21.97 0.27 0.00	21.05 0.13 0.00	20.54 -0.09 0.00	19.68 -0.22 0.00	18.70 -0.30 0.00	19.53 -0.28 0.00	19.41 -0.46 0.00	28.69 -0.49 0.00	52.15 0.01 0.00	44.64 0.56 0.00	21.26 -0.24 0.00	18.66 -0.18 0.00	20.34 -0.23 0.00	20.51 -0.34 0.00	21.18 -0.50 0.00
BLACKRVR_115KV_TB2 79977	18.00 -0.14 0.00	20.30 -0.10 0.00	20.93 -0.01 0.00	20.25 -0.01 0.00	18.76 -0.03 0.00	19.15 0.07 0.00	21.44 0.27 0.00	20.83 0.29 0.00	20.50 0.26 0.00	21.97 0.26 0.00	21.05 0.13 0.00	20.54 -0.09 0.00	19.68 -0.22 0.00	18.70 -0.30 0.00	19.54 -0.27 0.00	19.41 -0.46 0.00	28.69 -0.49 0.00	52.15 0.01 0.00	44.64 0.56 0.00	21.26 -0.24 0.00	18.66 -0.18 0.00	20.34 -0.23 0.00	20.51 -0.34 0.00	21.18 -0.50 0.00
BLISS_WT_PWR 323608	17.68 -0.27 0.18	19.98 -0.26 0.16	17.20 -0.38 3.35	19.18 -0.54 0.55	18.52 -0.28 0.00	16.34 -0.14 2.59	17.55 -0.18 3.44	20.02 -0.17 0.35	17.99 -0.05 2.20	21.60 -0.10 0.00	20.73 -0.19 0.00	20.59 -0.03 0.00	19.66 -0.24 0.00	18.69 -0.30 0.00	19.34 -0.47 0.00	19.30 -0.56 0.00	28.50 -0.67 0.00	51.57 -0.57 0.00	43.78 -0.31 0.00	20.86 -0.63 0.00	18.22 -0.62 0.00	19.94 -0.63 0.00	20.63 -0.23 0.00	21.59 -0.09 0.00
BLUESTONE___WT_PWR 323821	19.05 0.87 -0.04	21.49 1.06 -0.04	22.74 1.01 -0.81	21.42 1.02 -0.13	19.90 1.11 0.00	20.97 1.28 -0.62	23.54 1.55 -0.82	22.32 1.70 -0.08	22.49 1.72 -0.52	23.43 1.73 0.00	22.20 1.28 0.00	21.85 1.23 0.00	21.26 1.36 0.00	20.25 1.25 0.00	20.96 1.15 0.00	21.07 1.20 0.00	31.22 2.04 0.00	56.12 3.98 0.00	47.58 3.49 0.00	23.05 1.56 0.00	19.89 1.05 0.00	21.34 0.77 0.00	21.84 0.98 0.00	22.68 1.00 0.00
BLUE_CIRC_CHEM_DRP 24182	18.76 0.63 0.00	20.95 0.56 0.00	21.44 0.51 0.00	20.77 0.50 0.00	19.34 0.54 0.00	19.73 0.65 0.00	21.92 0.75 0.00	21.35 0.81 0.00	21.03 0.79 0.00	22.48 0.78 0.00	21.66 0.73 0.00	21.32 0.70 0.00	20.64 0.75 0.00	19.77 0.77 0.00	20.55 0.75 0.00	20.57 0.71 0.00	30.23 1.06 0.00	54.10 1.96 0.00	45.73 1.64 0.00	22.32 0.82 0.00	19.63 0.79 0.00	21.34 0.78 0.00	21.59 0.73 0.00	22.32 0.64 0.00
BOC_GAS_DRP 24189	18.62 0.49 0.00	20.79 0.40 0.00	21.28 0.34 0.00	20.60 0.33 0.00	19.18 0.38 0.00	19.58 0.50 0.00	21.78 0.61 0.00	21.23 0.69 0.00	20.92 0.68 0.00	22.42 0.72 0.00	21.61 0.69 0.00	21.29 0.67 0.00	20.60 0.70 0.00	19.70 0.71 0.00	20.51 0.71 0.00	20.55 0.69 0.00	30.16 0.98 0.00	53.87 1.73 0.00	45.52 1.44 0.00	22.23 0.74 0.00	19.54 0.70 0.00	21.26 0.69 0.00	21.51 0.65 0.00	22.22 0.54 0.00
BOONVILLE_115KV_TB1 79983	18.50 0.36 0.00	20.78 0.38 0.00	21.35 0.42 0.00	20.68 0.41 0.00	19.20 0.40 0.00	19.56 0.48 0.00	21.84 0.67 0.00	21.22 0.68 0.00	20.92 0.68 0.00	22.41 0.70 0.00	21.54 0.62 0.00	21.13 0.50 0.00	20.35 0.45 0.00	19.33 0.33 0.00	20.08 0.28 0.00	20.09 0.23 0.00	29.64 0.46 0.00	53.42 1.27 0.00	45.43 1.34 0.00	21.94 0.44 0.00	19.21 0.37 0.00	20.94 0.37 0.00	21.17 0.31 0.00	21.92 0.24 0.00
BORALEX_4TH_BRANCH 23824	19.32 1.18 0.00	21.57 1.17 0.00	22.05 1.12 0.00	21.35 1.08 0.00	19.86 1.07 0.00	20.27 1.19 0.00	22.61 1.44 0.00	22.11 1.57 0.00	21.80 1.56 0.00	23.36 1.65 0.00	22.50 1.57 0.00	22.13 1.50 0.00	21.40 1.50 0.00	20.44 1.44 0.00	21.28 1.48 0.00	21.32 1.45 0.00	31.13 1.95 0.00	55.46 3.32 0.00	46.93 2.84 0.00	22.96 1.46 0.00	20.27 1.43 0.00	22.10 1.53 0.00	22.37 1.51 0.00	23.07 1.40 0.00
BOWLINE___1 23526	19.02 0.88 0.00	21.15 0.76 0.00	21.58 0.65 0.00	20.91 0.64 0.00	19.46 0.67 0.00	19.96 0.89 0.00	22.36 1.19 0.00	21.88 1.34 0.00	21.58 1.34 0.00	23.22 1.51 0.00	22.40 1.48 0.00	22.06 1.44 0.00	21.34 1.44 0.00	20.42 1.42 0.00	21.29 1.48 0.00	21.32 1.46 0.00	31.32 2.14 0.00	56.04 3.90 0.00	47.32 3.23 0.00	23.12 1.63 0.00	20.26 1.42 0.00	22.03 1.47 0.00	22.29 1.44 0.00	22.96 1.29 0.00
BOWLINE___2 23595	19.02 0.88 0.00	21.15 0.76 0.00	21.58 0.65 0.00	20.91 0.64 0.00	19.46 0.67 0.00	19.96 0.89 0.00	22.36 1.19 0.00	21.88 1.34 0.00	21.58 1.34 0.00	23.22 1.51 0.00	22.40 1.48 0.00	22.06 1.44 0.00	21.34 1.44 0.00	20.42 1.42 0.00	21.29 1.48 0.00	21.32 1.46 0.00	31.32 2.14 0.00	56.04 3.90 0.00	47.32 3.23 0.00	23.12 1.63 0.00	20.26 1.42 0.00	22.03 1.47 0.00	22.29 1.44 0.00	22.96 1.29 0.00
BRADY___115KV_TB2 356060	18.20 0.06 0.00	20.70 0.31 0.00	21.38 0.45 0.00	20.69 0.42 0.00	19.02 0.23 0.00	19.09 0.01 0.00	21.13 -0.04 0.00	20.39 -0.15 0.00	20.03 -0.21 0.00	21.49 -0.21 0.00	20.70 -0.22 0.00	20.38 -0.24 0.00	19.60 -0.30 0.00	18.64 -0.36 0.00	19.57 -0.24 0.00	19.64 -0.22 0.00	28.97 -0.21 0.00	51.77 -0.37 0.00	43.77 -0.32 0.00	21.29 -0.20 0.00	18.61 -0.23 0.00	20.43 -0.14 0.00	20.77 -0.09 0.00	21.76 0.08 0.00
BRANSCOMB___SOLAR 323811	18.83 0.70 0.00	21.05 0.65 0.00	21.53 0.60 0.00	20.86 0.59 0.00	19.40 0.60 0.00	19.90 0.82 0.00	22.20 1.03 0.00	21.67 1.13 0.00	21.34 1.10 0.00	22.84 1.14 0.00	21.98 1.05 0.00	21.64 1.02 0.00	20.93 1.03 0.00	19.97 0.98 0.00	20.80 0.99 0.00	20.81 0.95 0.00	30.66 1.49 0.00	54.82 2.68 0.00	46.38 2.29 0.00	22.66 1.17 0.00	19.89 1.05 0.00	21.64 1.08 0.00	21.89 1.04 0.00	22.60 0.92 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	19.62 1.48 0.00	21.72 1.33 0.00	22.17 1.23 0.00	21.45 1.18 0.00	19.99 1.20 0.00	20.54 1.46 0.00	22.90 1.74 0.00	22.38 1.84 0.00	22.10 1.85 0.00	23.86 2.16 0.00	23.05 2.14 0.00	22.64 2.02 0.00	23.13 2.15 -1.08	42.77 2.14 -21.63	32.35 2.24 -10.29	21.98 2.11 0.00	32.20 3.02 0.00	58.06 5.44 -0.48	62.04 4.23 -13.72	23.78 2.28 0.00	23.16 2.06 -2.26	22.78 2.22 0.00	23.01 2.15 0.00	23.72 2.04 0.00

BRISTLHL_115KV_TB1 79998	17.61 -0.52 0.00	19.70 -0.70 0.00	20.15 -0.78 0.00	19.51 -0.75 0.00	18.19 -0.61 0.00	18.54 -0.54 0.00	20.58 -0.59 0.00	20.00 -0.54 0.00	19.72 -0.52 0.00	21.10 -0.61 0.00	20.29 -0.63 0.00	20.02 -0.61 0.00	19.28 -0.62 0.00	18.43 -0.57 0.00	19.17 -0.64 0.00	19.25 -0.61 0.00	28.37 -0.81 0.00	50.76 -1.38 0.00	42.95 -1.13 0.00	20.88 -0.62 0.00	18.30 -0.54 0.00	19.93 -0.64 0.00	20.21 -0.64 0.00	20.97 -0.70 0.00
BROOKHAVEN___DRP 24191	19.58 1.45 0.00	21.67 1.28 0.00	22.10 1.17 0.00	21.39 1.13 0.00	19.94 1.14 0.00	20.49 1.41 0.00	22.81 1.64 0.00	22.29 1.75 0.00	21.97 1.73 0.00	23.63 1.93 2.09	20.71 1.88 2.09	12.43 1.72 9.91	16.67 1.87 5.10	19.45 1.87 1.41	32.07 1.97 -10.29	21.72 1.85 0.00	31.89 2.71 0.00	63.30 5.27 -5.89	216.47 4.16 -168.22	23.62 2.12 0.00	48.65 2.02 -27.80	22.69 2.13 0.00	22.94 2.09 0.00	23.65 1.97 0.00
BROOKLYN_NAVY_YARD 23515	19.12 0.99 0.00	21.20 0.81 0.00	21.59 0.66 0.00	20.95 0.68 0.00	19.54 0.74 0.00	20.08 1.00 0.00	22.50 1.34 0.00	22.05 1.51 0.00	21.76 1.52 0.00	23.45 1.75 0.00	22.60 1.67 0.00	22.24 1.62 0.00	21.51 1.61 0.00	20.59 1.59 0.00	21.48 1.67 0.00	21.51 1.65 0.00	31.58 2.40 0.00	56.49 4.35 0.00	47.66 3.57 0.00	23.34 1.85 0.00	20.46 1.62 0.00	22.21 1.65 0.00	22.45 1.59 0.00	23.05 1.37 0.00
BROOKLYN___ARMY_DRP 323595	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.84 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.65 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.62 1.81 0.00	21.66 1.79 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
BROOKVLE_69_KV_TB1 55790	19.51 1.37 0.00	21.66 1.26 0.00	22.06 1.13 0.00	21.36 1.09 0.00	19.90 1.11 0.00	20.45 1.37 0.00	22.86 1.70 0.00	22.34 1.80 0.00	22.10 1.86 0.00	23.84 2.14 0.00	23.02 2.09 0.00	22.70 2.07 0.00	23.09 2.11 -1.08	42.71 2.08 -21.63	32.26 2.16 -10.29	21.95 2.08 0.00	32.17 2.99 0.00	57.20 5.06 0.00	48.23 4.14 0.00	23.76 2.26 0.00	20.83 1.99 0.00	22.68 2.12 0.00	22.91 2.05 0.00	23.59 1.91 0.00
BROOME_2_LFGE 323671	18.32 0.13 -0.06	20.47 0.02 -0.05	22.01 -0.06 -1.15	20.40 -0.06 -0.19	18.84 0.04 0.00	20.11 0.15 -0.89	22.60 0.26 -1.17	21.03 0.37 -0.12	21.35 0.37 -0.74	21.98 0.27 0.00	21.15 0.23 0.00	20.86 0.23 0.00	20.13 0.23 0.00	19.22 0.22 0.00	19.96 0.15 0.00	20.05 0.18 0.00	29.53 0.35 0.00	52.76 0.62 0.00	44.66 0.57 0.00	21.67 0.18 0.00	19.00 0.16 0.00	20.68 0.11 0.00	21.02 0.16 0.00	21.73 0.05 0.00
BROOME___LFGE 323600	18.32 0.13 -0.06	20.47 0.02 -0.05	22.01 -0.06 -1.15	20.40 -0.06 -0.19	18.84 0.04 0.00	20.11 0.15 -0.89	22.60 0.26 -1.17	21.03 0.37 -0.12	21.35 0.37 -0.74	21.98 0.27 0.00	21.15 0.23 0.00	20.86 0.23 0.00	20.13 0.23 0.00	19.22 0.22 0.00	19.96 0.15 0.00	20.05 0.18 0.00	29.53 0.35 0.00	52.76 0.62 0.00	44.66 0.57 0.00	21.67 0.18 0.00	19.00 0.16 0.00	20.68 0.11 0.00	21.02 0.16 0.00	21.73 0.05 0.00
BROWNFLS_115KV_TB 3_5 80003	17.93 -0.20 0.00	20.31 -0.08 0.00	20.98 0.04 0.00	20.31 0.04 0.00	18.71 -0.09 0.00	18.88 -0.19 0.00	21.03 -0.14 0.00	20.38 -0.16 0.00	20.05 -0.19 0.00	21.50 -0.20 0.00	20.65 -0.27 0.00	20.23 -0.39 0.00	19.43 -0.47 0.00	18.46 -0.54 0.00	19.31 -0.50 0.00	19.31 -0.56 0.00	28.46 -0.72 0.00	51.22 -0.93 0.00	43.58 -0.52 0.00	20.99 -0.51 0.00	18.36 -0.48 0.00	20.09 -0.48 0.00	20.37 -0.49 0.00	21.21 -0.47 0.00
BROWNSV1_27_KV_LOAD 356125	19.30 1.17 0.00	21.41 1.01 0.00	21.79 0.86 0.00	21.13 0.86 0.00	19.69 0.90 0.00	20.23 1.15 0.00	22.69 1.53 0.00	22.24 1.70 0.00	21.96 1.72 0.00	23.66 1.96 0.00	22.82 1.90 0.00	22.48 1.85 0.00	21.75 1.85 0.00	20.81 1.82 0.00	21.70 1.89 0.00	21.74 1.87 0.00	31.91 2.74 0.00	57.07 4.93 0.00	48.16 4.07 0.00	23.59 2.10 0.00	20.66 1.82 0.00	22.45 1.89 0.00	22.68 1.82 0.00	23.28 1.61 0.00
BURROWS___LYONSDAL 23803	18.39 0.26 0.00	20.68 0.29 0.00	21.29 0.36 0.00	20.61 0.35 0.00	19.12 0.33 0.00	19.48 0.40 0.00	21.76 0.59 0.00	21.13 0.59 0.00	20.84 0.60 0.00	22.32 0.61 0.00	21.43 0.51 0.00	21.00 0.37 0.00	20.20 0.30 0.00	19.19 0.19 0.00	19.96 0.15 0.00	19.94 0.08 0.00	29.42 0.24 0.00	53.10 0.96 0.00	45.23 1.14 0.00	21.78 0.28 0.00	19.08 0.24 0.00	20.79 0.22 0.00	21.00 0.14 0.00	21.75 0.07 0.00
CAITHNESS_CC_1 323624	19.54 1.41 0.00	21.63 1.24 0.00	22.07 1.14 0.00	21.35 1.08 0.00	19.90 1.11 0.00	20.45 1.37 0.00	22.76 1.60 0.00	22.24 1.70 0.00	21.93 1.69 0.00	23.60 1.90 2.09	20.69 1.85 2.09	12.43 1.72 9.91	16.66 1.87 5.10	19.44 1.85 1.41	32.07 1.97 -10.29	21.71 1.84 0.00	31.86 2.68 0.00	63.18 5.14 -5.90	216.58 4.06 -168.43	23.58 2.09 0.00	48.63 1.96 -27.83	22.65 2.09 0.00	22.90 2.04 0.00	23.61 1.93 0.00
CALPINE BETH_PAGE_GT4 24209	19.40 1.26 0.00	21.52 1.12 0.00	21.93 1.00 0.00	21.23 0.96 0.00	19.78 0.99 0.00	20.32 1.24 0.00	22.64 1.47 0.00	22.13 1.60 0.00	21.87 1.63 0.00	23.60 1.90 0.00	22.79 1.87 0.00	22.45 1.83 0.00	22.88 1.90 -1.08	42.51 1.89 -21.63	32.06 1.96 -10.29	21.74 1.88 0.00	31.88 2.70 0.00	56.86 4.72 0.00	47.92 3.83 0.00	23.53 2.04 0.00	20.65 1.81 0.00	22.56 1.99 0.00	22.77 1.91 0.00	23.45 1.78 0.00
CALPINE_BETH_PAGE_GT_4 323586	19.40 1.26 0.00	21.52 1.12 0.00	21.94 1.01 0.00	21.23 0.96 0.00	19.78 0.99 0.00	20.32 1.24 0.00	22.64 1.47 0.00	22.13 1.60 0.00	21.87 1.63 0.00	23.60 1.90 0.00	22.79 1.87 0.00	22.45 1.83 0.00	22.88 1.90 -1.08	42.51 1.89 -21.63	32.07 1.97 -10.29	21.74 1.88 0.00	31.88 2.70 0.00	56.86 4.72 0.00	47.92 3.83 0.00	23.53 2.04 0.00	20.65 1.81 0.00	22.56 1.99 0.00	22.77 1.91 0.00	23.45 1.78 0.00
CALPINE_BP_GT1 23823	19.40 1.26 0.00	21.52 1.12 0.00	21.94 1.01 0.00	21.23 0.96 0.00	19.78 0.99 0.00	20.32 1.24 0.00	22.64 1.47 0.00	22.13 1.60 0.00	21.87 1.63 0.00	23.60 1.90 0.00	22.79 1.87 0.00	22.45 1.83 0.00	22.88 1.90 -1.08	42.51 1.89 -21.63	32.07 1.97 -10.29	21.74 1.88 0.00	31.88 2.70 0.00	56.86 4.72 0.00	47.92 3.83 0.00	23.53 2.04 0.00	20.65 1.81 0.00	22.56 1.99 0.00	22.77 1.91 0.00	23.45 1.78 0.00
CALSPAN___DRP 24200	17.30 -0.84 0.00	19.48 -0.92 0.00	19.95 -0.98 0.00	19.17 -1.10 0.00	17.92 -0.88 0.00	18.28 -0.80 0.00	20.28 -0.89 0.00	19.61 -0.93 0.00	19.41 -0.83 0.00	20.78 -0.92 0.00	19.98 -0.94 0.00	19.94 -0.68 0.00	19.11 -0.79 0.00	18.17 -0.83 0.00	18.83 -0.97 0.00	18.94 -0.91 0.00	27.93 -1.25 0.00	50.01 -2.13 0.00	42.13 -1.96 0.00	20.23 -1.26 0.00	17.74 -1.10 0.00	19.39 -1.17 0.00	20.03 -0.83 0.00	21.02 -0.66 0.00

CALVERTON___SOLAR 323806	19.63 1.49 0.00	21.71 1.32 0.00	22.16 1.22 0.00	21.43 1.16 0.00	19.98 1.18 0.00	20.53 1.46 0.00	22.86 1.69 0.00	22.33 1.79 0.00	22.01 1.77 0.00	23.67 1.96 0.00	20.77 1.90 2.05	12.62 1.75 9.75	16.79 1.90 5.00	19.85 1.89 1.03	32.12 2.02 -10.29	21.75 1.89 0.00	31.95 2.78 0.00	63.49 5.45 -5.89	216.62 4.30 -168.24	23.67 2.18 0.00	48.72 2.08 -27.80	22.75 2.19 0.00	23.00 2.14 0.00	23.71 2.04 0.00
CANDIGU_WT_PWR 323617	18.32 0.08 -0.10	20.47 -0.01 -0.09	22.65 -0.13 -1.85	20.44 -0.13 -0.30	18.81 0.01 0.00	20.63 0.12 -1.43	23.40 0.36 -1.88	21.24 0.51 -0.19	21.96 0.53 -1.19	22.11 0.41 0.00	21.21 0.29 0.00	20.90 0.27 0.00	20.04 0.14 0.00	19.09 0.09 0.00	19.67 -0.14 0.00	19.77 -0.10 0.00	29.09 -0.09 0.00	51.93 -0.21 0.00	44.23 0.14 0.00	21.37 -0.12 0.00	18.69 -0.14 0.00	20.30 -0.27 0.00	20.58 -0.28 0.00	21.29 -0.38 0.00
CARR STREET_E_SYR 24060	17.75 -0.38 0.00	19.86 -0.53 0.00	20.32 -0.62 0.00	19.67 -0.60 0.00	18.33 -0.46 0.00	18.68 -0.39 0.00	20.76 -0.40 0.00	20.19 -0.35 0.00	19.90 -0.34 0.00	21.29 -0.41 0.00	20.51 -0.41 0.00	20.24 -0.38 0.00	19.50 -0.40 0.00	18.62 -0.38 0.00	19.37 -0.44 0.00	19.46 -0.40 0.00	28.65 -0.52 0.00	51.25 -0.89 0.00	43.37 -0.71 0.00	21.07 -0.43 0.00	18.46 -0.37 0.00	20.11 -0.46 0.00	20.41 -0.44 0.00	21.18 -0.50 0.00
CARTHAGE___PAPER 23857	18.17 0.04 0.00	20.52 0.12 0.00	21.17 0.23 0.00	20.49 0.22 0.00	18.96 0.16 0.00	19.30 0.22 0.00	21.59 0.42 0.00	20.96 0.42 0.00	20.63 0.39 0.00	22.11 0.40 0.00	21.17 0.25 0.00	20.66 0.03 0.00	19.81 -0.09 0.00	18.81 -0.19 0.00	19.65 -0.16 0.00	19.57 -0.30 0.00	28.92 -0.26 0.00	52.49 0.35 0.00	44.88 0.79 0.00	21.43 -0.07 0.00	18.78 -0.06 0.00	20.48 -0.08 0.00	20.66 -0.19 0.00	21.39 -0.28 0.00
CASSADAGA_WT_PWR 323784	17.74 -0.22 0.18	19.95 -0.29 0.15	17.28 -0.40 3.25	19.24 -0.50 0.53	18.49 -0.30 0.00	16.31 -0.25 2.52	17.71 -0.12 3.34	20.20 0.00 0.34	18.12 0.01 2.13	21.62 -0.08 0.00	20.81 -0.11 0.00	20.67 0.05 0.00	19.78 -0.12 0.00	18.82 -0.17 0.00	19.43 -0.38 0.00	19.54 -0.33 0.00	28.81 -0.37 0.00	51.86 -0.28 0.00	43.57 -0.52 0.00	20.82 -0.68 0.00	18.15 -0.69 0.00	19.88 -0.69 0.00	20.61 -0.25 0.00	21.65 -0.03 0.00
CE_DUNWOOD___DRP 24194	19.09 0.96 0.00	21.22 0.83 0.00	21.64 0.71 0.00	20.97 0.71 0.00	19.53 0.74 0.00	20.04 0.96 0.00	22.44 1.27 0.00	21.97 1.43 0.00	21.68 1.44 0.00	23.33 1.63 0.00	22.51 1.59 0.00	22.17 1.55 0.00	21.45 1.55 0.00	20.53 1.53 0.00	21.39 1.58 0.00	21.43 1.56 0.00	31.46 2.28 0.00	56.26 4.12 0.00	47.50 3.41 0.00	23.23 1.74 0.00	20.36 1.52 0.00	22.14 1.57 0.00	22.39 1.53 0.00	23.04 1.36 0.00
CE_MILLWOOD___DRP 24193	19.07 0.94 0.00	21.21 0.81 0.00	21.62 0.69 0.00	20.95 0.69 0.00	19.51 0.72 0.00	20.02 0.94 0.00	22.42 1.25 0.00	21.95 1.41 0.00	21.65 1.41 0.00	23.30 1.60 0.00	22.48 1.56 0.00	22.14 1.52 0.00	21.41 1.51 0.00	20.49 1.50 0.00	21.35 1.55 0.00	21.39 1.53 0.00	31.41 2.23 0.00	56.19 4.05 0.00	47.45 3.36 0.00	23.20 1.71 0.00	20.33 1.50 0.00	22.11 1.54 0.00	22.36 1.51 0.00	23.02 1.34 0.00
CE_NYC2_DRP 24202	19.17 1.03 0.00	21.26 0.87 0.00	21.64 0.71 0.00	21.00 0.73 0.00	19.56 0.77 0.00	20.08 1.00 0.00	22.55 1.38 0.00	22.08 1.54 0.00	21.80 1.56 0.00	23.52 1.81 0.00	22.66 1.74 0.00	22.28 1.65 0.00	21.55 1.65 0.00	20.63 1.63 0.00	21.50 1.69 0.00	21.54 1.68 0.00	31.60 2.42 0.00	56.57 4.43 0.00	47.80 3.71 0.00	23.41 1.92 0.00	20.50 1.66 0.00	22.27 1.69 -0.01	22.48 1.62 -0.01	23.12 1.44 0.00
CE_NYC_DRP 24195	19.13 0.99 0.00	21.22 0.82 0.00	21.60 0.67 0.00	20.95 0.68 0.00	19.53 0.73 0.00	20.05 0.97 0.00	22.49 1.32 0.00	22.03 1.49 0.00	21.74 1.50 0.00	23.44 1.73 0.00	22.61 1.69 0.00	22.27 1.64 0.00	21.53 1.63 0.00	20.62 1.62 0.00	21.48 1.67 0.00	21.52 1.66 0.00	31.60 2.42 0.00	56.50 4.36 0.00	47.67 3.58 0.00	23.36 1.86 0.00	20.47 1.63 0.00	22.23 1.67 0.00	22.46 1.60 0.00	23.07 1.39 0.00
CHAFFEE___LFGE 323603	17.16 -0.80 0.17	19.35 -0.89 0.15	16.81 -0.96 3.16	18.67 -1.08 0.52	17.95 -0.85 0.00	15.86 -0.77 2.44	17.06 -0.86 3.24	19.34 -0.87 0.33	17.39 -0.78 2.07	20.84 -0.86 0.00	20.03 -0.89 0.00	19.98 -0.64 0.00	19.15 -0.75 0.00	18.22 -0.77 0.00	18.87 -0.93 0.00	18.99 -0.87 0.00	27.99 -1.19 0.00	50.14 -2.00 0.00	42.28 -1.81 0.00	20.30 -1.20 0.00	17.81 -1.04 0.00	19.47 -1.09 0.00	20.09 -0.77 0.00	21.06 -0.62 0.00
CHATEAUG_35_KV_LOAD 355732	18.44 0.30 0.00	20.94 0.54 0.00	21.72 0.79 0.00	21.13 0.87 0.00	19.40 0.60 0.00	19.49 0.41 0.00	21.67 0.50 0.00	20.95 0.41 0.00	20.49 0.25 0.00	21.88 0.17 0.00	21.10 0.18 0.00	20.74 0.11 0.00	19.89 -0.01 0.00	18.95 -0.05 0.00	19.91 0.11 0.00	20.15 0.28 0.00	29.41 0.23 0.00	52.06 -0.08 0.00	43.97 -0.12 0.00	21.36 -0.14 0.00	18.67 -0.17 0.00	20.47 -0.10 0.00	20.82 -0.04 0.00	21.85 0.17 0.00
CHATEAUG_WT_PWR 323614	18.42 0.28 0.00	20.90 0.51 0.00	21.69 0.75 0.00	21.11 0.85 0.00	19.39 0.59 0.00	19.49 0.41 0.00	21.67 0.50 0.00	20.95 0.41 0.00	20.48 0.24 0.00	21.86 0.16 0.00	21.11 0.19 0.00	20.75 0.13 0.00	19.90 0.00 0.00	18.96 -0.04 0.00	19.88 0.07 0.00	20.14 0.28 0.00	29.40 0.23 0.00	52.02 -0.12 0.00	43.92 -0.17 0.00	21.31 -0.18 0.00	18.65 -0.19 0.00	20.43 -0.13 0.00	20.79 -0.07 0.00	21.80 0.12 0.00
CHAT_HIGH_FALL_HYD 323578	18.44 0.30 0.00	20.94 0.54 0.00	21.72 0.79 0.00	21.13 0.87 0.00	19.40 0.60 0.00	19.49 0.41 0.00	21.67 0.50 0.00	20.95 0.41 0.00	20.49 0.25 0.00	21.88 0.17 0.00	21.10 0.18 0.00	20.74 0.11 0.00	19.89 -0.01 0.00	18.95 -0.05 0.00	19.91 0.11 0.00	20.15 0.28 0.00	29.41 0.23 0.00	52.06 -0.08 0.00	43.97 -0.12 0.00	21.36 -0.14 0.00	18.67 -0.17 0.00	20.47 -0.10 0.00	20.82 -0.04 0.00	21.85 0.17 0.00
CHAUTAUQUA___LFGE 323629	17.41 -0.55 0.18	19.58 -0.66 0.15	16.96 -0.77 3.20	18.89 -0.85 0.52	18.17 -0.63 0.00	16.01 -0.59 2.48	17.33 -0.56 3.28	19.77 -0.44 0.33	17.74 -0.40 2.10	21.19 -0.52 0.00	20.39 -0.53 0.00	20.28 -0.35 0.00	19.43 -0.47 0.00	18.51 -0.49 0.00	19.17 -0.64 0.00	19.27 -0.60 0.00	28.39 -0.79 0.00	50.95 -1.19 0.00	42.91 -1.18 0.00	20.55 -0.94 0.00	17.99 -0.85 0.00	19.68 -0.89 0.00	20.33 -0.53 0.00	21.27 -0.40 0.00
CHERRYST_13_KV_LD 356241	19.18 1.04 0.00	21.26 0.87 0.00	21.65 0.72 0.00	21.00 0.74 0.00	19.57 0.78 0.00	20.11 1.03 0.00	22.55 1.38 0.00	22.09 1.55 0.00	21.81 1.57 0.00	23.52 1.82 0.00	22.68 1.76 0.00	22.34 1.71 0.00	21.61 1.71 0.00	20.68 1.69 0.00	21.56 1.75 0.00	21.60 1.74 0.00	31.71 2.53 0.00	56.69 4.55 0.00	47.82 3.73 0.00	23.42 1.93 0.00	20.52 1.68 0.00	22.29 1.72 0.00	22.52 1.66 0.00	23.12 1.45 0.00

CHESTROR_138KV_BK263 355645	18.92 0.79 0.00	21.08 0.68 0.00	21.51 0.58 0.00	20.84 0.58 0.00	19.40 0.60 0.00	19.88 0.80 0.00	22.24 1.07 0.00	21.75 1.21 0.00	21.45 1.21 0.00	23.05 1.35 0.00	22.24 1.32 0.00	21.90 1.28 0.00	21.17 1.27 0.00	20.24 1.24 0.00	21.09 1.29 0.00	21.14 1.28 0.00	31.07 1.89 0.00	55.58 3.44 0.00	46.98 2.89 0.00	22.94 1.45 0.00	20.12 1.28 0.00	21.88 1.31 0.00	22.14 1.28 0.00	22.82 1.14 0.00
CH_MIDHUDSON___DRP 24192	19.32 1.19 0.00	21.52 1.12 0.00	21.95 1.02 0.00	21.26 1.00 0.00	19.80 1.01 0.00	20.32 1.25 0.00	22.76 1.59 0.00	22.29 1.75 0.00	22.00 1.76 0.00	23.63 1.93 0.00	22.78 1.86 0.00	22.43 1.81 0.00	21.66 1.76 0.00	20.69 1.69 0.00	21.55 1.74 0.00	21.63 1.76 0.00	31.82 2.64 0.00	56.96 4.82 0.00	48.16 4.07 0.00	23.52 2.02 0.00	20.61 1.77 0.00	22.41 1.84 0.00	22.66 1.80 0.00	23.33 1.65 0.00
CH_MISC_IPPS 23765	19.29 1.16 0.00	21.48 1.09 0.00	21.91 0.98 0.00	21.23 0.96 0.00	19.77 0.97 0.00	20.29 1.21 0.00	22.72 1.56 0.00	22.24 1.71 0.00	21.96 1.72 0.00	23.59 1.89 0.00	22.75 1.82 0.00	22.41 1.78 0.00	21.64 1.74 0.00	20.67 1.67 0.00	21.54 1.73 0.00	21.60 1.74 0.00	31.78 2.60 0.00	56.88 4.74 0.00	48.09 4.00 0.00	23.48 1.99 0.00	20.58 1.74 0.00	22.38 1.81 0.00	22.62 1.77 0.00	23.29 1.62 0.00
CH_RES_BVR_FALLS 23983	17.95 -0.18 0.00	20.35 -0.04 0.00	20.98 0.04 0.00	20.32 0.05 0.00	18.78 -0.01 0.00	18.96 -0.11 0.00	21.00 -0.17 0.00	20.30 -0.24 0.00	19.97 -0.27 0.00	21.45 -0.26 0.00	20.69 -0.23 0.00	20.39 -0.24 0.00	19.64 -0.26 0.00	18.71 -0.29 0.00	19.55 -0.26 0.00	19.57 -0.29 0.00	28.72 -0.45 0.00	51.38 -0.76 0.00	43.48 -0.61 0.00	21.20 -0.30 0.00	18.51 -0.33 0.00	20.22 -0.35 0.00	20.47 -0.39 0.00	21.38 -0.29 0.00
CH_RES_NIAGARA 23895	16.38 -1.61 0.14	18.55 -1.72 0.12	16.58 -1.77 2.59	17.97 -1.88 0.42	17.19 -1.61 0.00	15.52 -1.55 2.01	16.71 -1.80 2.66	18.30 -1.97 0.27	16.71 -1.82 1.70	19.68 -2.02 0.00	18.92 -1.99 0.00	18.94 -1.68 0.00	18.13 -1.77 0.00	17.22 -1.78 0.00	17.83 -1.98 0.00	17.95 -1.91 0.00	26.44 -2.74 0.00	47.32 -4.82 0.00	39.84 -4.25 0.00	19.16 -2.33 0.00	16.83 -2.01 0.00	18.40 -2.17 0.00	19.03 -1.83 0.00	20.06 -1.62 0.00
CH_RES_SYRACUSE 23985	17.91 -0.22 0.00	20.05 -0.35 0.00	20.50 -0.44 0.00	19.84 -0.43 0.00	18.50 -0.30 0.00	18.86 -0.22 0.00	20.95 -0.22 0.00	20.37 -0.18 0.00	20.07 -0.17 0.00	21.47 -0.24 0.00	20.67 -0.25 0.00	20.39 -0.24 0.00	19.62 -0.28 0.00	18.75 -0.25 0.00	19.49 -0.32 0.00	19.61 -0.25 0.00	28.87 -0.31 0.00	51.66 -0.48 0.00	43.72 -0.37 0.00	21.23 -0.27 0.00	18.61 -0.23 0.00	20.27 -0.29 0.00	20.56 -0.30 0.00	21.33 -0.34 0.00
CLINTON_WT_PWR 323605	18.42 0.28 0.00	20.90 0.51 0.00	21.69 0.75 0.00	21.11 0.85 0.00	19.39 0.59 0.00	19.49 0.41 0.00	21.67 0.50 0.00	20.95 0.41 0.00	20.48 0.24 0.00	21.86 0.16 0.00	21.11 0.19 0.00	20.75 0.13 0.00	19.90 0.00 0.00	18.96 -0.04 0.00	19.88 0.07 0.00	20.14 0.28 0.00	29.40 0.23 0.00	52.02 -0.12 0.00	43.92 -0.17 0.00	21.31 -0.18 0.00	18.65 -0.19 0.00	20.43 -0.13 0.00	20.79 -0.07 0.00	21.80 0.12 0.00
CLINTON___LFGE 323618	18.71 0.57 0.00	21.22 0.83 0.00	22.00 1.07 0.00	21.44 1.17 0.00	19.70 0.91 0.00	19.82 0.74 0.00	22.09 0.92 0.00	21.34 0.80 0.00	20.84 0.59 0.00	22.25 0.54 0.00	21.42 0.50 0.00	21.05 0.42 0.00	20.17 0.27 0.00	19.25 0.26 0.00	20.17 0.37 0.00	20.49 0.62 0.00	29.97 0.79 0.00	53.03 0.89 0.00	44.81 0.72 0.00	21.73 0.23 0.00	18.98 0.14 0.00	20.80 0.23 0.00	21.16 0.30 0.00	22.15 0.47 0.00
COBBLENY_34_KV_TB1 80064	17.33 -0.81 0.00	19.50 -0.89 0.00	19.98 -0.95 0.00	19.20 -1.07 0.00	17.95 -0.85 0.00	18.32 -0.76 0.00	20.33 -0.84 0.00	19.67 -0.87 0.00	19.47 -0.77 0.00	20.85 -0.85 0.00	20.03 -0.89 0.00	19.98 -0.64 0.00	19.15 -0.75 0.00	18.22 -0.77 0.00	18.88 -0.93 0.00	18.99 -0.87 0.00	27.99 -1.19 0.00	50.14 -2.00 0.00	42.28 -1.81 0.00	20.30 -1.19 0.00	17.80 -1.04 0.00	19.47 -1.10 0.00	20.09 -0.77 0.00	21.06 -0.62 0.00
COFFEEN___115KV_TB3 355620	18.09 -0.04 0.00	20.39 0.00 0.00	21.02 0.08 0.00	20.34 0.07 0.00	18.85 0.06 0.00	19.25 0.17 0.00	21.56 0.39 0.00	20.96 0.42 0.00	20.62 0.38 0.00	22.10 0.40 0.00	21.16 0.24 0.00	20.64 0.02 0.00	19.77 -0.13 0.00	18.79 -0.20 0.00	19.66 -0.14 0.00	19.50 -0.37 0.00	28.85 -0.33 0.00	52.51 0.37 0.00	44.97 0.88 0.00	21.43 -0.06 0.00	18.81 -0.03 0.00	20.50 -0.07 0.00	20.67 -0.19 0.00	21.34 -0.33 0.00
COLDSPRG_115KV_BK1 355956	18.24 0.11 0.00	20.48 0.09 0.00	20.93 -0.01 0.00	20.14 -0.13 0.00	18.82 0.03 0.00	19.23 0.15 0.00	21.49 0.32 0.00	20.90 0.36 0.00	20.65 0.41 0.00	22.04 0.34 0.00	21.20 0.28 0.00	21.06 0.43 0.00	20.26 0.36 0.00	19.33 0.33 0.00	19.99 0.18 0.00	20.08 0.22 0.00	29.58 0.40 0.00	52.94 0.80 0.00	44.53 0.44 0.00	21.35 -0.15 0.00	18.67 -0.17 0.00	20.48 -0.09 0.00	21.17 0.32 0.00	22.12 0.44 0.00
COLONIE_LFGE___ 323577	18.85 0.72 0.00	21.05 0.65 0.00	21.53 0.60 0.00	20.86 0.59 0.00	19.40 0.61 0.00	19.85 0.77 0.00	22.11 0.94 0.00	21.57 1.02 0.00	21.26 1.02 0.00	22.76 1.06 0.00	21.92 1.01 0.00	21.60 0.97 0.00	20.90 1.00 0.00	19.96 0.97 0.00	20.78 0.98 0.00	20.81 0.95 0.00	30.55 1.37 0.00	54.54 2.40 0.00	46.12 2.03 0.00	22.55 1.05 0.00	19.82 0.98 0.00	21.57 1.01 0.00	21.82 0.96 0.00	22.54 0.86 0.00
COOPERNY_115KV_TB1 80082	18.72 0.58 0.00	20.89 0.50 0.00	21.34 0.41 0.00	20.68 0.41 0.00	19.24 0.44 0.00	19.68 0.60 0.00	21.97 0.80 0.00	21.46 0.92 0.00	21.16 0.92 0.00	22.73 1.02 0.00	21.92 0.99 0.00	21.59 0.96 0.00	20.85 0.95 0.00	19.93 0.94 0.00	20.77 0.96 0.00	20.81 0.95 0.00	30.60 1.42 0.00	54.73 2.59 0.00	46.26 2.17 0.00	22.58 1.08 0.00	19.80 0.96 0.00	21.55 0.98 0.00	21.82 0.96 0.00	22.53 0.85 0.00
COPENHAGEN_WT_PWR 323753	17.87 -0.27 0.00	20.17 -0.22 0.00	20.82 -0.12 0.00	20.14 -0.13 0.00	18.65 -0.15 0.00	19.04 -0.03 0.00	21.32 0.15 0.00	20.71 0.17 0.00	20.38 0.14 0.00	21.87 0.17 0.00	20.96 0.04 0.00	20.45 -0.18 0.00	19.59 -0.31 0.00	18.60 -0.39 0.00	19.41 -0.40 0.00	19.29 -0.58 0.00	28.50 -0.68 0.00	51.80 -0.34 0.00	44.35 0.26 0.00	21.06 -0.44 0.00	18.50 -0.34 0.00	20.17 -0.40 0.00	20.33 -0.53 0.00	20.97 -0.71 0.00
CORNELL_____ 23752	18.45 0.31 0.00	20.64 0.24 0.00	21.10 0.17 0.00	20.43 0.17 0.00	19.06 0.26 0.00	19.45 0.38 0.00	21.70 0.53 0.00	21.15 0.61 0.00	20.84 0.60 0.00	22.21 0.51 0.00	21.44 0.52 0.00	21.07 0.45 0.00	20.14 0.24 0.00	19.19 0.19 0.00	19.93 0.13 0.00	20.09 0.22 0.00	29.74 0.56 0.00	53.40 1.26 0.00	45.27 1.18 0.00	21.96 0.46 0.00	19.23 0.39 0.00	20.92 0.36 0.00	21.21 0.36 0.00	21.98 0.30 0.00

CORONA__69_KV_TB1 355595	19.45 1.32 0.00	21.58 1.18 0.00	21.96 1.02 0.00	21.26 0.99 0.00	19.82 1.02 0.00	20.36 1.28 0.00	22.76 1.60 0.00	22.24 1.70 0.00	21.98 1.74 0.00	23.72 2.02 0.00	22.92 2.00 0.00	22.62 1.99 -0.01	23.01 2.03 -1.08	42.62 1.99 -21.63	32.15 2.05 -10.29	21.86 1.99 0.00	32.03 2.85 0.00	57.06 4.92 0.00	48.04 3.96 0.00	23.62 2.13 0.00	20.73 1.89 0.00	22.57 2.01 0.00	22.80 1.95 0.00	23.49 1.82 0.00
CORTLAND__115KV_TB3 80093	18.31 0.17 0.00	20.48 0.08 0.00	20.94 0.00 0.00	20.28 0.01 0.00	18.90 0.10 0.00	19.28 0.20 0.00	21.50 0.33 0.00	20.94 0.40 0.00	20.64 0.40 0.00	22.05 0.34 0.00	21.23 0.31 0.00	20.91 0.28 0.00	20.08 0.18 0.00	19.14 0.14 0.00	19.87 0.06 0.00	19.97 0.11 0.00	29.48 0.30 0.00	52.91 0.77 0.00	44.83 0.74 0.00	21.76 0.26 0.00	19.07 0.23 0.00	20.75 0.19 0.00	21.05 0.19 0.00	21.79 0.11 0.00
COXSACKIE__GT 23611	19.58 1.45 0.00	21.84 1.45 0.00	22.35 1.42 0.00	21.64 1.37 0.00	20.19 1.39 0.00	20.61 1.54 0.00	22.94 1.77 0.00	22.42 1.88 0.00	22.11 1.87 0.00	23.54 1.84 0.00	22.57 1.65 0.00	22.13 1.51 0.00	21.40 1.50 0.00	20.57 1.57 0.00	21.25 1.45 0.00	21.27 1.40 0.00	31.31 2.13 0.00	56.67 4.53 0.00	48.19 4.10 0.00	23.43 1.93 0.00	20.57 1.73 0.00	22.32 1.75 0.00	22.52 1.66 0.00	23.24 1.56 0.00
CPV__VALLEY__CC1 323721	18.78 0.65 0.00	20.93 0.54 0.00	21.36 0.43 0.00	20.70 0.43 0.00	19.26 0.47 0.00	19.73 0.66 0.00	22.05 0.88 0.00	21.56 1.02 0.00	21.26 1.02 0.00	22.85 1.15 0.00	22.05 1.12 0.00	21.72 1.10 0.00	20.99 1.09 0.00	20.08 1.08 0.00	20.92 1.12 0.00	20.97 1.11 0.00	30.80 1.62 0.00	55.07 2.92 0.00	46.54 2.45 0.00	22.73 1.23 0.00	19.93 1.09 0.00	21.68 1.12 0.00	21.94 1.09 0.00	22.62 0.95 0.00
CPV__VALLEY__CC2 323722	18.78 0.65 0.00	20.93 0.54 0.00	21.36 0.43 0.00	20.70 0.43 0.00	19.26 0.47 0.00	19.73 0.66 0.00	22.05 0.88 0.00	21.56 1.02 0.00	21.26 1.02 0.00	22.85 1.15 0.00	22.05 1.12 0.00	21.72 1.10 0.00	20.99 1.09 0.00	20.08 1.08 0.00	20.92 1.12 0.00	20.97 1.11 0.00	30.80 1.62 0.00	55.07 2.92 0.00	46.54 2.45 0.00	22.73 1.23 0.00	19.93 1.09 0.00	21.68 1.12 0.00	21.94 1.09 0.00	22.62 0.95 0.00
CRESCENT__HYD 24018	18.85 0.72 0.00	21.05 0.65 0.00	21.53 0.60 0.00	20.86 0.59 0.00	19.40 0.61 0.00	19.85 0.77 0.00	22.11 0.94 0.00	21.57 1.02 0.00	21.26 1.02 0.00	22.76 1.06 0.00	21.92 1.01 0.00	21.60 0.97 0.00	20.90 1.00 0.00	19.96 0.97 0.00	20.78 0.98 0.00	20.81 0.95 0.00	30.55 1.37 0.00	54.54 2.40 0.00	46.12 2.03 0.00	22.55 1.05 0.00	19.82 0.98 0.00	21.57 1.01 0.00	21.82 0.96 0.00	22.54 0.86 0.00
CRICKET__VALLEY_CC1 323756	18.90 0.77 0.00	21.04 0.65 0.00	21.47 0.54 0.00	20.81 0.54 0.00	19.37 0.58 0.00	19.92 0.84 0.00	22.27 1.11 0.00	21.79 1.25 0.00	21.51 1.27 0.00	23.10 1.40 0.00	22.28 1.36 0.00	21.95 1.33 0.00	21.24 1.34 0.00	20.34 1.34 0.00	21.19 1.38 0.00	21.23 1.36 0.00	31.16 1.98 0.00	55.65 3.50 0.00	47.05 2.96 0.00	23.00 1.50 0.00	20.17 1.33 0.00	21.93 1.36 0.00	22.18 1.33 0.00	22.85 1.17 0.00
CRICKET__VALLEY_CC2 323757	18.90 0.77 0.00	21.04 0.65 0.00	21.47 0.54 0.00	20.81 0.54 0.00	19.37 0.58 0.00	19.92 0.84 0.00	22.27 1.11 0.00	21.79 1.25 0.00	21.51 1.27 0.00	23.10 1.40 0.00	22.28 1.36 0.00	21.95 1.33 0.00	21.24 1.34 0.00	20.34 1.34 0.00	21.19 1.38 0.00	21.23 1.36 0.00	31.16 1.98 0.00	55.65 3.50 0.00	47.05 2.96 0.00	23.00 1.50 0.00	20.17 1.33 0.00	21.93 1.36 0.00	22.18 1.33 0.00	22.85 1.17 0.00
CRICKET__VALLEY_CC3 323758	18.90 0.77 0.00	21.04 0.65 0.00	21.47 0.54 0.00	20.81 0.54 0.00	19.37 0.58 0.00	19.92 0.84 0.00	22.27 1.11 0.00	21.79 1.25 0.00	21.51 1.27 0.00	23.10 1.40 0.00	22.28 1.36 0.00	21.95 1.33 0.00	21.24 1.34 0.00	20.34 1.34 0.00	21.19 1.38 0.00	21.23 1.36 0.00	31.16 1.98 0.00	55.65 3.50 0.00	47.05 2.96 0.00	23.00 1.50 0.00	20.17 1.33 0.00	21.93 1.36 0.00	22.18 1.33 0.00	22.85 1.17 0.00
CRUCIBLE__METL_DRP 24180	17.91 -0.22 0.00	20.05 -0.35 0.00	20.50 -0.43 0.00	19.84 -0.43 0.00	18.49 -0.30 0.00	18.86 -0.22 0.00	20.95 -0.22 0.00	20.37 -0.18 0.00	20.07 -0.17 0.00	21.47 -0.24 0.00	20.67 -0.25 0.00	20.39 -0.24 0.00	19.62 -0.28 0.00	18.75 -0.25 0.00	19.50 -0.31 0.00	19.61 -0.25 0.00	28.87 -0.31 0.00	51.67 -0.48 0.00	43.72 -0.37 0.00	21.23 -0.27 0.00	18.61 -0.23 0.00	20.27 -0.29 0.00	20.56 -0.30 0.00	21.33 -0.34 0.00
DAHOWA__HYDRO 323763	18.82 0.69 0.00	21.04 0.65 0.00	21.52 0.59 0.00	20.86 0.59 0.00	19.39 0.60 0.00	19.91 0.84 0.00	22.23 1.06 0.00	21.70 1.16 0.00	21.37 1.13 0.00	22.88 1.18 0.00	22.00 1.08 0.00	21.67 1.04 0.00	20.95 1.05 0.00	19.99 0.99 0.00	20.81 1.00 0.00	20.83 0.96 0.00	30.72 1.54 0.00	54.89 2.75 0.00	46.45 2.36 0.00	22.70 1.20 0.00	19.91 1.07 0.00	21.67 1.10 0.00	21.92 1.06 0.00	22.61 0.94 0.00
DANC__LFGE 323619	17.76 -0.37 0.00	19.99 -0.41 0.00	20.56 -0.38 0.00	19.89 -0.38 0.00	18.46 -0.33 0.00	18.85 -0.23 0.00	21.03 -0.14 0.00	20.42 -0.12 0.00	20.11 -0.13 0.00	21.58 -0.12 0.00	20.71 -0.21 0.00	20.28 -0.35 0.00	19.47 -0.43 0.00	18.52 -0.48 0.00	19.31 -0.50 0.00	19.26 -0.61 0.00	28.41 -0.76 0.00	51.36 -0.78 0.00	43.80 -0.29 0.00	20.98 -0.51 0.00	18.42 -0.41 0.00	20.08 -0.48 0.00	20.29 -0.57 0.00	20.98 -0.70 0.00
DANSKAMMER__1 23586	19.29 1.16 0.00	21.48 1.09 0.00	21.91 0.98 0.00	21.23 0.96 0.00	19.77 0.97 0.00	20.29 1.21 0.00	22.72 1.56 0.00	22.24 1.71 0.00	21.96 1.72 0.00	23.59 1.89 0.00	22.75 1.82 0.00	22.41 1.78 0.00	21.64 1.74 0.00	20.67 1.67 0.00	21.54 1.73 0.00	21.60 1.74 0.00	31.78 2.60 0.00	56.88 4.74 0.00	48.09 4.00 0.00	23.48 1.99 0.00	20.58 1.74 0.00	22.38 1.81 0.00	22.62 1.77 0.00	23.29 1.62 0.00
DANSKAMMER__2 23589	19.29 1.16 0.00	21.48 1.09 0.00	21.91 0.98 0.00	21.23 0.96 0.00	19.77 0.97 0.00	20.29 1.21 0.00	22.72 1.56 0.00	22.24 1.71 0.00	21.96 1.72 0.00	23.59 1.89 0.00	22.75 1.82 0.00	22.41 1.78 0.00	21.64 1.74 0.00	20.67 1.67 0.00	21.54 1.73 0.00	21.60 1.74 0.00	31.78 2.60 0.00	56.88 4.74 0.00	48.09 4.00 0.00	23.48 1.99 0.00	20.58 1.74 0.00	22.38 1.81 0.00	22.62 1.77 0.00	23.29 1.62 0.00
DANSKAMMER__3 23590	19.29 1.16 0.00	21.48 1.09 0.00	21.91 0.98 0.00	21.23 0.96 0.00	19.77 0.97 0.00	20.29 1.21 0.00	22.72 1.56 0.00	22.24 1.71 0.00	21.96 1.72 0.00	23.59 1.89 0.00	22.75 1.82 0.00	22.41 1.78 0.00	21.64 1.74 0.00	20.67 1.67 0.00	21.54 1.73 0.00	21.60 1.74 0.00	31.78 2.60 0.00	56.88 4.74 0.00	48.09 4.00 0.00	23.48 1.99 0.00	20.58 1.74 0.00	22.38 1.81 0.00	22.62 1.77 0.00	23.29 1.62 0.00

DANSKAMMER___4 23591	19.29 1.16 0.00	21.48 1.09 0.00	21.91 0.98 0.00	21.23 0.96 0.00	19.77 0.97 0.00	20.29 1.21 0.00	22.72 1.56 0.00	22.24 1.71 0.00	21.96 1.72 0.00	23.59 1.89 0.00	22.75 1.82 0.00	22.41 1.78 0.00	21.64 1.74 0.00	20.67 1.67 0.00	21.54 1.73 0.00	21.60 1.74 0.00	31.78 2.60 0.00	56.88 4.74 0.00	48.09 4.00 0.00	23.48 1.99 0.00	20.58 1.74 0.00	22.38 1.81 0.00	22.62 1.77 0.00	23.29 1.62 0.00
DANSKAMMER___DIESEL 23592	19.29 1.16 0.00	21.48 1.09 0.00	21.91 0.98 0.00	21.23 0.96 0.00	19.77 0.98 0.00	20.29 1.21 0.00	22.72 1.55 0.00	22.24 1.71 0.00	21.96 1.72 0.00	23.59 1.89 0.00	22.75 1.83 0.00	22.41 1.78 0.00	21.64 1.74 0.00	20.67 1.67 0.00	21.53 1.72 0.00	21.60 1.74 0.00	31.79 2.61 0.00	56.88 4.74 0.00	48.09 4.00 0.00	23.48 1.99 0.00	20.58 1.74 0.00	22.38 1.81 0.00	22.62 1.77 0.00	23.29 1.62 0.00
DARBY___SOLAR 323810	18.81 0.67 0.00	21.02 0.63 0.00	21.51 0.57 0.00	20.84 0.57 0.00	19.37 0.58 0.00	19.89 0.81 0.00	22.19 1.02 0.00	21.65 1.11 0.00	21.32 1.08 0.00	22.82 1.12 0.00	21.96 1.03 0.00	21.63 1.00 0.00	20.91 1.01 0.00	19.95 0.96 0.00	20.78 0.97 0.00	20.79 0.93 0.00	30.64 1.46 0.00	54.79 2.65 0.00	46.34 2.25 0.00	22.65 1.15 0.00	19.87 1.03 0.00	21.62 1.06 0.00	21.88 1.02 0.00	22.58 0.90 0.00
DASHVILLE___HYD 23610	19.08 0.94 0.00	21.24 0.84 0.00	21.66 0.73 0.00	20.99 0.72 0.00	19.54 0.75 0.00	20.06 0.99 0.00	22.48 1.32 0.00	22.02 1.48 0.00	21.74 1.50 0.00	23.38 1.68 0.00	22.55 1.63 0.00	22.20 1.58 0.00	21.43 1.53 0.00	20.48 1.48 0.00	21.34 1.54 0.00	21.42 1.55 0.00	31.49 2.31 0.00	56.36 4.22 0.00	47.64 3.55 0.00	23.27 1.78 0.00	20.39 1.55 0.00	22.18 1.61 0.00	22.42 1.57 0.00	23.08 1.40 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	19.81 1.68 0.00	21.86 1.46 0.00	22.28 1.35 0.00	21.56 1.30 0.00	20.10 1.31 0.00	20.68 1.60 0.00	23.04 1.87 0.00	22.50 1.96 0.00	22.17 1.93 0.00	23.83 2.13 0.00	20.87 2.04 2.09	12.71 1.99 9.91	16.97 2.17 5.10	19.79 2.18 1.39	32.41 2.31 -10.29	22.05 2.19 0.00	32.44 3.27 0.00	64.45 6.42 -5.88	217.01 4.91 -168.01	24.00 2.51 0.00	49.02 2.42 -27.76	23.02 2.45 0.00	23.24 2.39 0.00	23.98 2.30 0.00
DELAWARE___LFGE 323621	18.71 0.58 0.00	20.93 0.54 0.00	21.41 0.48 0.00	20.74 0.47 0.00	19.30 0.50 0.00	19.72 0.64 0.00	21.99 0.83 0.00	21.45 0.91 0.00	21.16 0.92 0.00	22.68 0.97 0.00	21.80 0.88 0.00	21.49 0.86 0.00	20.77 0.87 0.00	19.84 0.84 0.00	20.64 0.83 0.00	20.68 0.82 0.00	30.45 1.27 0.00	54.49 2.35 0.00	46.11 2.02 0.00	22.46 0.96 0.00	19.66 0.82 0.00	21.40 0.83 0.00	21.69 0.84 0.00	22.45 0.77 0.00
DERFIELD_115KV_TB7 355931	18.27 0.13 0.00	20.47 0.08 0.00	20.99 0.06 0.00	20.33 0.06 0.00	18.89 0.09 0.00	19.23 0.15 0.00	21.36 0.20 0.00	20.76 0.22 0.00	20.46 0.22 0.00	21.94 0.24 0.00	21.15 0.23 0.00	20.84 0.21 0.00	20.12 0.22 0.00	19.22 0.22 0.00	20.02 0.21 0.00	20.06 0.20 0.00	29.47 0.29 0.00	52.71 0.57 0.00	44.58 0.49 0.00	21.73 0.23 0.00	19.06 0.22 0.00	20.77 0.20 0.00	21.05 0.19 0.00	21.84 0.16 0.00
DOGLEVILLE___HYD 23807	18.53 0.40 0.00	20.62 0.22 0.00	21.03 0.09 0.00	20.37 0.10 0.00	19.01 0.21 0.00	19.50 0.42 0.00	21.79 0.62 0.00	21.33 0.78 0.00	20.98 0.74 0.00	22.41 0.70 0.00	21.57 0.65 0.00	21.16 0.53 0.00	20.49 0.59 0.00	19.55 0.55 0.00	20.33 0.52 0.00	20.31 0.45 0.00	29.93 0.75 0.00	53.76 1.62 0.00	45.58 1.49 0.00	22.23 0.73 0.00	19.51 0.67 0.00	21.24 0.67 0.00	21.55 0.69 0.00	22.13 0.45 0.00
DUNKIRK___115KV_TB_200 55889	17.54 -0.59 0.00	19.69 -0.71 0.00	20.13 -0.81 0.00	19.38 -0.89 0.00	18.12 -0.68 0.00	18.46 -0.62 0.00	20.58 -0.59 0.00	20.04 -0.50 0.00	19.80 -0.44 0.00	21.14 -0.56 0.00	20.35 -0.58 0.00	20.24 -0.39 0.00	19.40 -0.50 0.00	18.48 -0.52 0.00	19.14 -0.67 0.00	19.25 -0.62 0.00	28.35 -0.83 0.00	50.83 -1.31 0.00	42.83 -1.26 0.00	20.52 -0.97 0.00	17.97 -0.87 0.00	19.65 -0.92 0.00	20.29 -0.56 0.00	21.23 -0.45 0.00
DUNKIRK___1 23563	17.54 -0.59 0.00	19.69 -0.71 0.00	20.13 -0.81 0.00	19.38 -0.89 0.00	18.12 -0.68 0.00	18.46 -0.62 0.00	20.58 -0.59 0.00	20.04 -0.50 0.00	19.80 -0.44 0.00	21.14 -0.56 0.00	20.35 -0.58 0.00	20.24 -0.39 0.00	19.40 -0.50 0.00	18.48 -0.52 0.00	19.14 -0.67 0.00	19.25 -0.62 0.00	28.35 -0.83 0.00	50.83 -1.31 0.00	42.83 -1.26 0.00	20.52 -0.97 0.00	17.97 -0.87 0.00	19.65 -0.92 0.00	20.29 -0.56 0.00	21.23 -0.45 0.00
DUNKIRK___2 23564	17.54 -0.59 0.00	19.69 -0.71 0.00	20.13 -0.81 0.00	19.38 -0.89 0.00	18.12 -0.68 0.00	18.46 -0.62 0.00	20.58 -0.59 0.00	20.04 -0.50 0.00	19.80 -0.44 0.00	21.14 -0.56 0.00	20.35 -0.58 0.00	20.24 -0.39 0.00	19.40 -0.50 0.00	18.48 -0.52 0.00	19.14 -0.67 0.00	19.25 -0.62 0.00	28.35 -0.83 0.00	50.83 -1.31 0.00	42.83 -1.26 0.00	20.52 -0.97 0.00	17.97 -0.87 0.00	19.65 -0.92 0.00	20.29 -0.56 0.00	21.23 -0.45 0.00
DUNKIRK___3 23565	17.45 -0.68 0.00	19.60 -0.79 0.00	20.05 -0.88 0.00	19.30 -0.97 0.00	18.04 -0.76 0.00	18.39 -0.68 0.00	20.47 -0.70 0.00	19.90 -0.64 0.00	19.67 -0.57 0.00	21.01 -0.69 0.00	20.22 -0.70 0.00	20.13 -0.50 0.00	19.31 -0.59 0.00	18.39 -0.61 0.00	19.05 -0.75 0.00	19.16 -0.71 0.00	28.22 -0.96 0.00	50.55 -1.59 0.00	42.60 -1.49 0.00	20.42 -1.07 0.00	17.89 -0.95 0.00	19.57 -1.00 0.00	20.21 -0.64 0.00	21.15 -0.53 0.00
DUNKIRK___4 23566	17.45 -0.68 0.00	19.60 -0.79 0.00	20.05 -0.88 0.00	19.30 -0.97 0.00	18.04 -0.76 0.00	18.39 -0.68 0.00	20.47 -0.70 0.00	19.90 -0.64 0.00	19.67 -0.57 0.00	21.01 -0.69 0.00	20.22 -0.70 0.00	20.13 -0.50 0.00	19.31 -0.59 0.00	18.39 -0.61 0.00	19.05 -0.75 0.00	19.16 -0.71 0.00	28.22 -0.96 0.00	50.55 -1.59 0.00	42.60 -1.49 0.00	20.42 -1.07 0.00	17.89 -0.95 0.00	19.57 -1.00 0.00	20.21 -0.64 0.00	21.15 -0.53 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.12 0.99 0.00	21.25 0.86 0.00	21.66 0.73 0.00	20.99 0.73 0.00	19.55 0.75 0.00	20.07 0.99 0.00	22.47 1.30 0.00	22.00 1.46 0.00	21.71 1.47 0.00	23.37 1.67 0.00	22.55 1.63 0.00	22.20 1.58 0.00	21.49 1.59 0.00	20.56 1.56 0.00	21.43 1.62 0.00	21.46 1.60 0.00	31.51 2.33 0.00	56.33 4.19 0.00	47.57 3.48 0.00	23.27 1.78 0.00	20.40 1.56 0.00	22.18 1.61 0.00	22.42 1.57 0.00	23.07 1.39 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.09 0.95 0.00	21.25 0.86 0.00	21.68 0.75 0.00	21.01 0.74 0.00	19.56 0.76 0.00	20.06 0.98 0.00	22.46 1.29 0.00	21.97 1.44 0.00	21.68 1.44 0.00	23.30 1.60 0.00	22.48 1.55 0.00	22.14 1.51 0.00	21.38 1.48 0.00	20.42 1.42 0.00	21.28 1.47 0.00	21.34 1.48 0.00	31.40 2.22 0.00	56.19 4.05 0.00	47.49 3.40 0.00	23.19 1.70 0.00	20.33 1.49 0.00	22.11 1.54 0.00	22.37 1.51 0.00	23.04 1.36 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	19.10 0.96 0.00	21.19 0.79 0.00	21.58 0.65 0.00	20.96 0.69 0.00	19.54 0.75 0.00	20.02 0.95 0.00	22.49 1.32 0.00	22.00 1.46 0.00	21.71 1.47 0.00	23.44 1.73 0.00	22.57 1.65 0.00	22.21 1.59 0.00	21.49 1.59 0.00	20.58 1.58 0.00	21.44 1.64 0.00	21.49 1.63 0.00	31.51 2.33 0.00	56.35 4.21 0.00	47.65 3.56 0.00	23.35 1.86 0.00	20.43 1.59 0.00	22.17 1.60 -0.01	22.39 1.52 -0.01	23.06 1.38 0.00
E179THST_13_KV_LOAD 356214	19.17 1.04 0.00	21.26 0.87 0.00	21.66 0.73 0.00	21.03 0.77 0.00	19.61 0.81 0.00	20.10 1.02 0.00	22.58 1.41 0.00	22.10 1.56 0.00	21.81 1.57 0.00	23.54 1.84 0.00	22.67 1.75 0.00	22.31 1.69 0.00	21.59 1.69 0.00	20.67 1.68 0.00	21.54 1.73 0.00	21.59 1.73 0.00	31.66 2.48 0.00	56.61 4.47 0.00	47.88 3.79 0.00	23.46 1.96 0.00	20.53 1.69 0.00	22.27 1.70 -0.01	22.48 1.62 -0.01	23.16 1.48 0.00
EAST HAMPTON___GT 23717	19.87 1.73 0.00	21.83 1.43 0.00	22.24 1.31 0.00	21.51 1.25 0.00	20.06 1.27 0.00	20.64 1.56 0.00	23.02 1.85 0.00	22.48 1.94 0.00	22.17 1.93 0.00	23.81 2.11 0.00	20.84 2.02 2.09	12.80 2.11 9.93	17.16 2.37 5.12	19.93 2.39 1.46	32.66 2.56 -10.29	22.28 2.42 0.00	32.81 3.63 0.00	65.11 7.09 -5.88	217.23 5.16 -167.98	24.18 2.69 0.00	49.24 2.64 -27.76	23.14 2.57 0.00	23.34 2.48 0.00	24.11 2.43 0.00
EAST RIVER___6 23660	19.12 0.98 0.00	21.20 0.81 0.00	21.59 0.66 0.00	20.94 0.67 0.00	19.51 0.71 0.00	20.05 0.97 0.00	22.49 1.32 0.00	22.03 1.49 0.00	21.75 1.51 0.00	23.46 1.75 0.00	22.62 1.70 0.00	22.28 1.66 0.00	21.55 1.65 0.00	20.63 1.64 0.00	21.52 1.71 0.00	21.55 1.69 0.00	31.63 2.45 0.00	56.53 4.39 0.00	47.69 3.60 0.00	23.37 1.88 0.00	20.47 1.63 0.00	22.24 1.67 0.00	22.46 1.61 0.00	23.06 1.39 0.00
EAST RIVER___7 23524	19.12 0.98 0.00	21.20 0.81 0.00	21.59 0.66 0.00	20.94 0.67 0.00	19.51 0.71 0.00	20.05 0.97 0.00	22.49 1.32 0.00	22.03 1.49 0.00	21.75 1.51 0.00	23.46 1.75 0.00	22.62 1.70 0.00	22.28 1.66 0.00	21.55 1.65 0.00	20.63 1.64 0.00	21.52 1.71 0.00	21.55 1.69 0.00	31.63 2.45 0.00	56.53 4.39 0.00	47.69 3.60 0.00	23.37 1.88 0.00	20.47 1.63 0.00	22.24 1.67 0.00	22.46 1.61 0.00	23.06 1.39 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.09 0.96 0.00	21.22 0.83 0.00	21.64 0.71 0.00	20.97 0.71 0.00	19.53 0.74 0.00	20.04 0.96 0.00	22.44 1.27 0.00	21.97 1.43 0.00	21.68 1.44 0.00	23.33 1.63 0.00	22.51 1.59 0.00	22.17 1.55 0.00	21.45 1.55 0.00	20.53 1.53 0.00	21.39 1.58 0.00	21.43 1.56 0.00	31.46 2.28 0.00	56.26 4.12 0.00	47.50 3.41 0.00	23.23 1.74 0.00	20.36 1.52 0.00	22.14 1.57 0.00	22.39 1.53 0.00	23.04 1.36 0.00
EAST_HAMPTON___DIESEL 23722	19.85 1.72 0.00	21.80 1.41 0.00	22.22 1.29 0.00	21.48 1.22 0.00	20.03 1.24 0.00	20.61 1.53 0.00	22.98 1.81 0.00	22.44 1.90 0.00	22.13 1.89 0.00	23.78 2.08 0.00	20.81 1.98 2.09	12.79 2.10 9.93	17.16 2.37 5.12	19.94 2.39 1.45	32.66 2.56 -10.29	22.28 2.42 0.00	32.81 3.63 0.00	65.11 7.09 -5.88	217.24 5.17 -167.98	24.19 2.70 0.00	49.24 2.64 -27.76	23.12 2.55 0.00	23.32 2.47 0.00	24.10 2.42 0.00
EAST_PULASKI___ESR 323781	17.70 -0.43 0.00	19.84 -0.56 0.00	20.34 -0.60 0.00	19.69 -0.58 0.00	18.32 -0.47 0.00	18.69 -0.39 0.00	20.79 -0.38 0.00	20.18 -0.36 0.00	19.90 -0.34 0.00	21.33 -0.38 0.00	20.50 -0.42 0.00	20.14 -0.48 0.00	19.38 -0.52 0.00	18.48 -0.52 0.00	19.25 -0.56 0.00	19.26 -0.60 0.00	28.38 -0.79 0.00	51.04 -1.10 0.00	43.32 -0.77 0.00	20.95 -0.55 0.00	18.39 -0.45 0.00	20.03 -0.54 0.00	20.29 -0.57 0.00	21.02 -0.66 0.00
EAST_RIVER___1 323558	19.13 0.99 0.00	21.21 0.82 0.00	21.60 0.67 0.00	20.95 0.69 0.00	19.52 0.73 0.00	20.05 0.98 0.00	22.49 1.32 0.00	22.03 1.49 0.00	21.74 1.50 0.00	23.44 1.73 0.00	22.61 1.69 0.00	22.26 1.64 0.00	21.53 1.63 0.00	20.62 1.62 0.00	21.50 1.69 0.00	21.53 1.66 0.00	31.60 2.42 0.00	56.50 4.36 0.00	47.67 3.58 0.00	23.36 1.87 0.00	20.47 1.63 0.00	22.23 1.67 0.00	22.46 1.61 0.00	23.07 1.39 0.00
EAST_RIVER___2 323559	19.12 0.98 0.00	21.20 0.81 0.00	21.59 0.66 0.00	20.94 0.67 0.00	19.51 0.71 0.00	20.05 0.97 0.00	22.49 1.32 0.00	22.03 1.49 0.00	21.75 1.51 0.00	23.46 1.75 0.00	22.62 1.70 0.00	22.28 1.66 0.00	21.55 1.65 0.00	20.63 1.64 0.00	21.52 1.71 0.00	21.55 1.69 0.00	31.63 2.45 0.00	56.53 4.39 0.00	47.69 3.60 0.00	23.37 1.88 0.00	20.47 1.63 0.00	22.24 1.67 0.00	22.46 1.61 0.00	23.06 1.39 0.00
EAST___DELAWARE_HYD 23607	18.78 0.65 0.00	20.93 0.54 0.00	21.36 0.43 0.00	20.70 0.44 0.00	19.27 0.47 0.00	19.78 0.70 0.00	22.22 1.05 0.00	21.78 1.24 0.00	21.64 1.40 0.00	23.23 1.52 0.00	22.34 1.42 0.00	21.81 1.19 0.00	20.54 0.64 0.00	19.60 0.60 0.00	20.50 0.69 0.00	20.55 0.69 0.00	30.36 1.18 0.00	54.48 2.34 0.00	46.10 2.02 0.00	22.57 1.08 0.00	20.24 1.40 0.00	22.01 1.45 0.00	22.25 1.39 0.00	22.92 1.24 0.00
EIGHT_POINT___WT_PWR 323820	18.48 0.33 -0.02	20.70 0.28 -0.02	21.48 0.14 -0.41	20.46 0.12 -0.07	19.08 0.29 0.00	19.78 0.39 -0.31	22.32 0.75 -0.40	21.50 0.92 -0.04	21.42 0.92 -0.25	22.48 0.77 0.00	21.47 0.55 0.00	21.10 0.47 0.00	20.14 0.24 0.00	19.13 0.13 0.00	19.64 -0.17 0.00	19.75 -0.12 0.00	29.22 0.04 0.00	52.04 -0.10 0.00	44.45 0.36 0.00	21.53 0.03 0.00	18.88 0.04 0.00	20.44 -0.12 0.00	20.73 -0.13 0.00	21.48 -0.19 0.00
ELBRIDGE_115KV_TB2 80188	17.83 -0.31 0.00	19.95 -0.45 0.00	20.42 -0.52 0.00	19.76 -0.51 0.00	18.42 -0.38 0.00	18.78 -0.29 0.00	20.86 -0.31 0.00	20.28 -0.26 0.00	19.99 -0.25 0.00	21.36 -0.34 0.00	20.58 -0.34 0.00	20.31 -0.32 0.00	19.54 -0.36 0.00	18.67 -0.33 0.00	19.40 -0.41 0.00	19.52 -0.35 0.00	28.70 -0.47 0.00	51.40 -0.74 0.00	43.52 -0.57 0.00	21.12 -0.38 0.00	18.52 -0.32 0.00	20.19 -0.38 0.00	20.46 -0.40 0.00	21.25 -0.43 0.00
ELEC_TRO_TEK 24086	19.35 1.22 0.00	21.48 1.08 0.00	21.87 0.94 0.00	21.18 0.92 0.00	19.74 0.95 0.00	20.28 1.20 0.00	22.67 1.50 0.00	22.16 1.62 0.00	21.89 1.65 0.00	23.62 1.91 0.00	22.81 1.89 0.00	22.49 1.86 0.00	22.88 1.90 -1.08	42.51 1.88 -21.63	32.04 1.94 -10.29	21.74 1.88 0.00	31.86 2.68 0.00	56.86 4.72 0.00	47.95 3.86 0.00	23.53 2.04 0.00	20.63 1.79 0.00	22.47 1.91 0.00	22.70 1.84 0.00	23.38 1.70 0.00
ELLENBURG_WT_PWR 323604	18.42 0.28 0.00	20.90 0.51 0.00	21.69 0.75 0.00	21.11 0.85 0.00	19.39 0.59 0.00	19.49 0.41 0.00	21.67 0.50 0.00	20.95 0.41 0.00	20.48 0.24 0.00	21.86 0.16 0.00	21.11 0.19 0.00	20.75 0.13 0.00	19.90 0.00 0.00	18.96 -0.04 0.00	19.88 0.07 0.00	20.14 0.28 0.00	29.40 0.23 0.00	52.02 -0.12 0.00	43.92 -0.17 0.00	21.31 -0.18 0.00	18.65 -0.19 0.00	20.43 -0.13 0.00	20.79 -0.07 0.00	21.80 0.12 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.14 -0.99 0.00	19.31 -1.09 0.00	19.78 -1.16 0.00	19.01 -1.26 0.00	17.76 -1.03 0.00	18.12 -0.95 0.00	20.09 -1.08 0.00	19.42 -1.12 0.00	19.23 -1.01 0.00	20.59 -1.12 0.00	19.79 -1.13 0.00	19.76 -0.87 0.00	18.93 -0.97 0.00	18.00 -1.00 0.00	18.65 -1.15 0.00	18.77 -1.10 0.00	27.65 -1.53 0.00	49.52 -2.62 0.00	41.72 -2.37 0.00	20.04 -1.45 0.00	17.57 -1.27 0.00	19.22 -1.35 0.00	19.84 -1.02 0.00	20.84 -0.84 0.00
EMPIRE_CC_1 323656	18.73 0.60 0.00	20.90 0.51 0.00	21.38 0.45 0.00	20.70 0.43 0.00	19.26 0.46 0.00	19.71 0.63 0.00	21.94 0.77 0.00	21.35 0.81 0.00	21.06 0.82 0.00	22.51 0.81 0.00	21.72 0.80 0.00	21.38 0.75 0.00	20.75 0.85 0.00	19.85 0.86 0.00	20.66 0.85 0.00	20.69 0.83 0.00	30.27 1.10 0.00	53.98 1.83 0.00	45.58 1.49 0.00	22.33 0.83 0.00	19.69 0.85 0.00	21.38 0.81 0.00	21.62 0.76 0.00	22.29 0.61 0.00
EMPIRE_CC_2 323658	18.73 0.60 0.00	20.90 0.51 0.00	21.38 0.45 0.00	20.70 0.43 0.00	19.26 0.46 0.00	19.71 0.63 0.00	21.94 0.77 0.00	21.35 0.81 0.00	21.06 0.82 0.00	22.51 0.81 0.00	21.72 0.80 0.00	21.38 0.75 0.00	20.75 0.85 0.00	19.85 0.86 0.00	20.66 0.85 0.00	20.69 0.83 0.00	30.27 1.10 0.00	53.98 1.83 0.00	45.58 1.49 0.00	22.33 0.83 0.00	19.69 0.85 0.00	21.38 0.81 0.00	21.62 0.76 0.00	22.29 0.61 0.00
ENORWICH_115KV_TB1 80156	19.37 1.24 0.00	21.79 1.39 0.00	22.28 1.34 0.00	21.61 1.34 0.00	20.21 1.41 0.00	20.67 1.59 0.00	23.15 1.98 0.00	22.62 2.08 0.00	22.34 2.09 0.00	23.79 2.09 0.00	23.92 3.00 0.00	23.52 2.89 0.00	21.62 1.72 0.00	20.46 1.46 0.00	21.16 1.35 0.00	21.30 1.44 0.00	31.71 2.53 0.00	57.16 5.02 0.00	48.51 4.43 0.00	23.44 1.95 0.00	20.44 1.60 0.00	22.09 1.53 0.00	22.42 1.56 0.00	23.20 1.52 0.00
ERIE_ST__34_KV_TB1-2 80199	17.64 -0.49 0.00	19.85 -0.55 0.00	20.34 -0.59 0.00	19.54 -0.72 0.00	18.25 -0.54 0.00	18.66 -0.42 0.00	20.72 -0.45 0.00	20.02 -0.52 0.00	19.81 -0.43 0.00	21.22 -0.48 0.00	20.40 -0.52 0.00	20.34 -0.28 0.00	19.55 -0.35 0.00	18.61 -0.39 0.00	19.28 -0.52 0.00	19.39 -0.48 0.00	28.55 -0.62 0.00	51.10 -1.04 0.00	43.04 -1.05 0.00	20.67 -0.83 0.00	18.13 -0.71 0.00	19.82 -0.74 0.00	20.46 -0.39 0.00	21.45 -0.23 0.00
ERIE_WT_PWR 323693	17.15 -0.82 0.16	19.35 -0.90 0.14	16.98 -0.98 2.98	18.68 -1.10 0.49	17.94 -0.86 0.00	15.98 -0.80 2.30	17.23 -0.89 3.06	19.32 -0.91 0.31	17.46 -0.83 1.95	20.80 -0.90 0.00	19.98 -0.94 0.00	19.95 -0.67 0.00	19.12 -0.78 0.00	18.18 -0.81 0.00	18.84 -0.96 0.00	18.96 -0.90 0.00	27.95 -1.23 0.00	50.07 -2.07 0.00	42.18 -1.91 0.00	20.25 -1.25 0.00	17.75 -1.09 0.00	19.41 -1.16 0.00	20.04 -0.81 0.00	21.04 -0.64 0.00
ESPRGFLD_115KV_TB1 80157	18.97 0.84 0.00	21.35 0.95 0.00	21.90 0.97 0.00	21.21 0.95 0.00	19.69 0.89 0.00	20.07 1.00 0.00	22.39 1.22 0.00	21.74 1.21 0.00	21.45 1.21 0.00	22.93 1.23 0.00	22.05 1.13 0.00	21.79 1.17 0.00	20.91 1.01 0.00	19.92 0.92 0.00	20.73 0.92 0.00	20.75 0.88 0.00	30.68 1.50 0.00	55.21 3.07 0.00	46.81 2.72 0.00	22.71 1.22 0.00	19.75 0.91 0.00	21.56 0.99 0.00	21.92 1.06 0.00	22.82 1.14 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.42 0.28 0.00	20.61 0.22 0.00	21.07 0.14 0.00	20.40 0.13 0.00	19.03 0.24 0.00	19.42 0.34 0.00	21.67 0.50 0.00	21.11 0.57 0.00	20.80 0.56 0.00	22.18 0.47 0.00	21.41 0.49 0.00	21.05 0.43 0.00	20.13 0.23 0.00	19.18 0.18 0.00	19.92 0.11 0.00	20.06 0.20 0.00	29.69 0.51 0.00	53.31 1.17 0.00	45.20 1.11 0.00	21.92 0.42 0.00	19.20 0.36 0.00	20.89 0.32 0.00	21.19 0.33 0.00	21.95 0.27 0.00
ETNA____115KV_TB2 80207	18.42 0.28 0.00	20.61 0.22 0.00	21.07 0.14 0.00	20.40 0.13 0.00	19.03 0.24 0.00	19.42 0.34 0.00	21.67 0.50 0.00	21.11 0.57 0.00	20.80 0.56 0.00	22.18 0.47 0.00	21.41 0.49 0.00	21.05 0.43 0.00	20.13 0.23 0.00	19.18 0.18 0.00	19.92 0.11 0.00	20.06 0.20 0.00	29.69 0.51 0.00	53.31 1.17 0.00	45.20 1.11 0.00	21.92 0.42 0.00	19.20 0.36 0.00	20.89 0.32 0.00	21.19 0.33 0.00	21.95 0.27 0.00
EUCLID__115KV_TB2 356179	17.66 -0.48 0.00	19.76 -0.64 0.00	20.22 -0.72 0.00	19.57 -0.70 0.00	18.24 -0.56 0.00	18.58 -0.49 0.00	20.63 -0.53 0.00	20.05 -0.49 0.00	19.77 -0.47 0.00	21.16 -0.54 0.00	20.39 -0.53 0.00	20.12 -0.51 0.00	19.38 -0.52 0.00	18.51 -0.48 0.00	19.25 -0.55 0.00	19.34 -0.53 0.00	28.46 -0.72 0.00	50.93 -1.21 0.00	43.08 -1.01 0.00	20.93 -0.57 0.00	18.35 -0.49 0.00	19.99 -0.58 0.00	20.29 -0.57 0.00	21.05 -0.63 0.00
E_CANADA_CAP_HY 24051	19.08 0.95 0.00	21.49 1.10 0.00	22.08 1.15 0.00	21.39 1.12 0.00	19.82 1.02 0.00	20.16 1.08 0.00	22.46 1.29 0.00	21.75 1.22 0.00	21.44 1.20 0.00	22.87 1.17 0.00	22.01 1.09 0.00	21.77 1.14 0.00	20.84 0.94 0.00	19.91 0.91 0.00	20.73 0.92 0.00	20.70 0.84 0.00	30.63 1.45 0.00	55.27 3.12 0.00	46.88 2.79 0.00	22.75 1.26 0.00	19.78 0.94 0.00	21.66 1.10 0.00	22.04 1.19 0.00	23.00 1.32 0.00
E_CANADA_MHWK_HY 24050	18.53 0.40 0.00	20.62 0.22 0.00	21.03 0.09 0.00	20.37 0.10 0.00	19.01 0.21 0.00	19.50 0.42 0.00	21.79 0.62 0.00	21.33 0.78 0.00	20.98 0.74 0.00	22.41 0.70 0.00	21.57 0.65 0.00	21.16 0.53 0.00	20.49 0.59 0.00	19.55 0.55 0.00	20.33 0.52 0.00	20.31 0.45 0.00	29.93 0.75 0.00	53.76 1.62 0.00	45.58 1.49 0.00	22.23 0.73 0.00	19.51 0.67 0.00	21.24 0.67 0.00	21.55 0.69 0.00	22.13 0.45 0.00
E_FISHKILL__LBMP 23776	18.97 0.83 0.00	21.11 0.72 0.00	21.54 0.61 0.00	20.87 0.60 0.00	19.43 0.64 0.00	19.94 0.86 0.00	22.31 1.14 0.00	21.82 1.28 0.00	21.53 1.29 0.00	23.14 1.44 0.00	22.32 1.40 0.00	21.99 1.36 0.00	21.27 1.37 0.00	20.35 1.35 0.00	21.20 1.40 0.00	21.24 1.38 0.00	31.19 2.01 0.00	55.75 3.61 0.00	47.10 3.02 0.00	23.03 1.53 0.00	20.19 1.35 0.00	21.96 1.39 0.00	22.21 1.35 0.00	22.87 1.20 0.00
FALCON__SEABRD_CC1 323796	18.65 0.51 0.00	21.16 0.77 0.00	21.95 1.02 0.00	21.40 1.14 0.00	19.68 0.88 0.00	19.78 0.71 0.00	22.03 0.86 0.00	21.28 0.74 0.00	20.75 0.51 0.00	22.13 0.43 0.00	21.35 0.43 0.00	21.00 0.37 0.00	20.12 0.22 0.00	19.19 0.19 0.00	20.09 0.29 0.00	20.41 0.55 0.00	29.87 0.70 0.00	52.82 0.68 0.00	44.63 0.55 0.00	21.63 0.13 0.00	18.91 0.07 0.00	20.71 0.14 0.00	21.08 0.22 0.00	22.06 0.38 0.00
FALCON__SEABRD_CC2 323797	18.65 0.51 0.00	21.16 0.77 0.00	21.95 1.02 0.00	21.40 1.14 0.00	19.68 0.88 0.00	19.78 0.71 0.00	22.03 0.86 0.00	21.28 0.74 0.00	20.75 0.51 0.00	22.13 0.43 0.00	21.35 0.43 0.00	21.00 0.37 0.00	20.12 0.22 0.00	19.19 0.19 0.00	20.09 0.29 0.00	20.41 0.55 0.00	29.87 0.70 0.00	52.82 0.68 0.00	44.63 0.55 0.00	21.63 0.13 0.00	18.91 0.07 0.00	20.71 0.14 0.00	21.08 0.22 0.00	22.06 0.38 0.00

FAR ROCKAWAY___4 23548	19.58 1.45 0.00	21.72 1.33 0.00	22.10 1.17 0.00	21.40 1.13 0.00	19.95 1.15 0.00	20.49 1.41 0.00	22.93 1.76 0.00	22.40 1.86 0.00	22.14 1.90 0.00	23.90 2.19 0.00	23.10 2.18 0.00	22.81 2.17 -0.01	23.17 2.19 -1.08	42.78 2.15 -21.63	32.32 2.22 -10.29	22.04 2.17 0.00	32.29 3.11 0.00	57.45 5.31 0.00	48.07 3.98 0.00	23.75 2.26 0.00	20.89 2.05 0.00	22.74 2.17 0.00	22.97 2.11 0.00	23.66 1.98 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.15 1.01 0.00	21.23 0.84 0.00	21.62 0.69 0.00	20.97 0.70 0.00	19.55 0.75 0.00	20.07 0.99 0.00	22.51 1.34 0.00	22.05 1.51 0.00	21.76 1.52 0.00	23.46 1.75 0.00	22.62 1.71 0.00	22.28 1.65 0.00	21.55 1.65 0.00	20.63 1.63 0.00	21.50 1.69 0.00	21.54 1.67 0.00	31.61 2.43 0.00	56.55 4.40 0.00	47.72 3.63 0.00	23.38 1.89 0.00	20.48 1.64 0.00	22.25 1.69 0.00	22.48 1.62 0.00	23.09 1.41 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.16 1.03 0.00	21.25 0.85 0.00	21.63 0.70 0.00	20.98 0.72 0.00	19.55 0.76 0.00	20.08 1.00 0.00	22.52 1.35 0.00	22.06 1.52 0.00	21.78 1.54 0.00	23.47 1.77 0.00	22.63 1.72 0.00	22.29 1.67 0.00	21.56 1.66 0.00	20.64 1.64 0.00	21.51 1.70 0.00	21.55 1.69 0.00	31.64 2.46 0.00	56.57 4.44 0.00	47.75 3.66 0.00	23.39 1.90 0.00	20.49 1.65 0.00	22.26 1.70 0.00	22.50 1.64 0.00	23.10 1.43 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.14 1.01 0.00	21.23 0.83 0.00	21.61 0.68 0.00	20.96 0.70 0.00	19.54 0.74 0.00	20.06 0.99 0.00	22.50 1.33 0.00	22.04 1.50 0.00	21.76 1.52 0.00	23.45 1.74 0.00	22.61 1.70 0.00	22.27 1.64 0.00	21.54 1.64 0.00	20.62 1.62 0.00	21.49 1.68 0.00	21.53 1.66 0.00	31.61 2.43 0.00	56.52 4.38 0.00	47.69 3.60 0.00	23.36 1.87 0.00	20.47 1.63 0.00	22.24 1.68 0.00	22.47 1.61 0.00	23.08 1.40 0.00
FARRAGUT___LBMP 323566	19.12 0.99 0.00	21.21 0.82 0.00	21.60 0.67 0.00	20.95 0.68 0.00	19.53 0.73 0.00	20.05 0.97 0.00	22.48 1.31 0.00	22.02 1.48 0.00	21.74 1.50 0.00	23.43 1.72 0.00	22.60 1.67 0.00	22.25 1.62 0.00	21.52 1.62 0.00	20.60 1.60 0.00	21.46 1.66 0.00	21.51 1.64 0.00	31.58 2.40 0.00	56.47 4.33 0.00	47.65 3.57 0.00	23.35 1.85 0.00	20.46 1.62 0.00	22.22 1.66 0.00	22.46 1.60 0.00	23.07 1.39 0.00
FENNER___WINDPWR 24204	18.51 0.38 0.00	20.76 0.36 0.00	21.26 0.32 0.00	20.60 0.33 0.00	19.18 0.39 0.00	19.56 0.48 0.00	21.81 0.64 0.00	21.21 0.67 0.00	20.92 0.68 0.00	22.38 0.67 0.00	21.55 0.63 0.00	21.21 0.58 0.00	20.40 0.50 0.00	19.36 0.36 0.00	20.05 0.25 0.00	20.12 0.26 0.00	29.70 0.53 0.00	53.38 1.24 0.00	45.25 1.16 0.00	21.93 0.44 0.00	19.20 0.36 0.00	20.91 0.34 0.00	21.19 0.33 0.00	21.95 0.27 0.00
FIBERTEK___ENERGY 23856	17.91 -0.22 0.00	20.05 -0.35 0.00	20.50 -0.43 0.00	19.84 -0.43 0.00	18.49 -0.30 0.00	18.86 -0.22 0.00	20.95 -0.22 0.00	20.37 -0.18 0.00	20.07 -0.17 0.00	21.47 -0.24 0.00	20.67 -0.25 0.00	20.39 -0.24 0.00	19.62 -0.28 0.00	18.75 -0.25 0.00	19.50 -0.31 0.00	19.61 -0.25 0.00	28.87 -0.31 0.00	51.67 -0.48 0.00	43.72 -0.37 0.00	21.23 -0.27 0.00	18.61 -0.23 0.00	20.27 -0.29 0.00	20.56 -0.30 0.00	21.33 -0.34 0.00
FITZPATRICK___ 23598	17.46 -0.68 0.00	19.54 -0.86 0.00	20.01 -0.92 0.00	19.37 -0.89 0.00	18.04 -0.75 0.00	18.36 -0.71 0.00	20.37 -0.80 0.00	19.78 -0.76 0.00	19.49 -0.75 0.00	20.87 -0.84 0.00	20.12 -0.80 0.00	19.86 -0.77 0.00	19.14 -0.76 0.00	18.29 -0.71 0.00	19.01 -0.79 0.00	19.09 -0.77 0.00	28.06 -1.12 0.00	50.19 -1.95 0.00	42.45 -1.64 0.00	20.64 -0.85 0.00	18.09 -0.75 0.00	19.72 -0.85 0.00	20.02 -0.84 0.00	20.78 -0.90 0.00
FLOWRFLD_69_KV_BK1 356044	19.58 1.44 0.00	21.68 1.29 0.00	22.12 1.18 0.00	21.40 1.14 0.00	19.95 1.15 0.00	20.51 1.43 0.00	22.87 1.70 0.00	22.35 1.81 0.00	22.07 1.83 0.00	23.82 2.11 0.00	22.91 2.06 0.08	22.21 1.94 0.36	22.83 2.07 -0.86	41.86 2.06 -20.81	32.27 2.17 -10.29	21.92 2.05 0.00	32.14 2.96 0.00	64.55 5.39 -7.02	248.98 4.41 -200.48	23.77 2.27 0.00	53.96 2.02 -33.11	22.76 2.20 0.00	22.98 2.12 0.00	23.67 1.99 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.32 1.19 0.00	21.51 1.11 0.00	21.94 1.01 0.00	21.26 0.99 0.00	19.80 1.00 0.00	20.32 1.24 0.00	22.76 1.59 0.00	22.28 1.74 0.00	21.99 1.75 0.00	23.63 1.93 0.00	22.79 1.87 0.00	22.45 1.83 0.00	21.68 1.78 0.00	20.71 1.71 0.00	21.57 1.76 0.00	21.65 1.78 0.00	31.84 2.67 0.00	56.98 4.84 0.00	48.18 4.09 0.00	23.52 2.03 0.00	20.61 1.77 0.00	22.41 1.85 0.00	22.66 1.80 0.00	23.33 1.65 0.00
FORT ORANGE___ 23900	18.78 0.65 0.00	20.93 0.54 0.00	21.41 0.48 0.00	20.73 0.46 0.00	19.33 0.54 0.00	19.72 0.64 0.00	21.89 0.72 0.00	21.35 0.81 0.00	21.04 0.80 0.00	22.49 0.79 0.00	21.66 0.74 0.00	21.32 0.69 0.00	20.64 0.75 0.00	19.78 0.78 0.00	20.56 0.75 0.00	20.58 0.72 0.00	30.22 1.05 0.00	54.10 1.96 0.00	45.74 1.66 0.00	22.34 0.85 0.00	19.67 0.83 0.00	21.37 0.80 0.00	21.59 0.73 0.00	22.28 0.61 0.00
FORT_DRUM_COGEN 23780	18.00 -0.14 0.00	20.30 -0.09 0.00	20.93 0.00 0.00	20.26 0.00 0.00	18.76 -0.03 0.00	19.15 0.07 0.00	21.43 0.26 0.00	20.83 0.28 0.00	20.49 0.25 0.00	21.96 0.26 0.00	21.05 0.13 0.00	20.54 -0.09 0.00	19.68 -0.22 0.00	18.70 -0.30 0.00	19.54 -0.27 0.00	19.41 -0.46 0.00	28.69 -0.49 0.00	52.14 0.00 0.00	44.61 0.52 0.00	21.26 -0.24 0.00	18.66 -0.18 0.00	20.34 -0.23 0.00	20.51 -0.34 0.00	21.19 -0.49 0.00
FOX_HILLS___ESR 323835	19.24 1.11 0.00	21.35 0.95 0.00	21.73 0.80 0.00	21.07 0.81 0.00	19.63 0.84 0.00	20.14 1.06 0.00	22.61 1.44 0.00	22.10 1.56 0.00	21.79 1.55 0.00	23.50 1.80 0.00	22.64 1.72 0.00	22.31 1.68 0.00	21.59 1.69 0.00	20.68 1.68 0.00	21.56 1.75 0.00	21.60 1.74 0.00	31.66 2.48 0.00	56.71 4.57 0.00	47.83 3.74 0.00	23.45 1.95 0.00	20.54 1.70 0.00	22.33 1.73 -0.03	22.57 1.67 -0.04	23.21 1.52 -0.01
FPL_FAR_ROCK_GT1 24212	19.58 1.45 0.00	21.73 1.33 0.00	22.11 1.17 0.00	21.39 1.12 0.00	19.94 1.15 0.00	20.50 1.42 0.00	22.93 1.76 0.00	22.40 1.86 0.00	22.14 1.90 0.00	23.90 2.19 0.00	23.10 2.18 0.00	22.81 2.17 -0.02	23.18 2.19 -1.09	42.78 2.15 -21.63	32.33 2.23 -10.29	22.04 2.18 0.00	32.28 3.10 0.00	57.45 5.31 0.00	48.08 3.98 0.00	23.75 2.26 0.00	20.89 2.05 0.00	22.74 2.17 0.00	22.97 2.11 0.00	23.66 1.98 0.00
FPL_FAR_ROCK_GT2 23815	19.58 1.45 0.00	21.73 1.33 0.00	22.11 1.17 0.00	21.39 1.12 0.00	19.94 1.15 0.00	20.50 1.42 0.00	22.93 1.76 0.00	22.40 1.86 0.00	22.14 1.90 0.00	23.90 2.19 0.00	23.10 2.18 0.00	22.81 2.17 -0.02	23.18 2.19 -1.09	42.78 2.15 -21.63	32.33 2.23 -10.29	22.04 2.18 0.00	32.28 3.10 0.00	57.45 5.31 0.00	48.08 3.98 0.00	23.75 2.26 0.00	20.89 2.05 0.00	22.74 2.17 0.00	22.97 2.11 0.00	23.66 1.98 0.00

FRANKLIN_FALL_HYD 24054	18.52 0.39 0.00	21.01 0.62 0.00	21.79 0.85 0.00	21.16 0.90 0.00	19.41 0.62 0.00	19.51 0.43 0.00	21.69 0.52 0.00	21.00 0.46 0.00	20.57 0.33 0.00	21.99 0.29 0.00	21.18 0.26 0.00	20.79 0.16 0.00	19.94 0.04 0.00	18.99 -0.01 0.00	19.95 0.14 0.00	20.15 0.29 0.00	29.50 0.32 0.00	52.36 0.22 0.00	44.27 0.18 0.00	21.49 -0.01 0.00	18.77 -0.07 0.00	20.59 0.03 0.00	20.95 0.10 0.00	21.97 0.29 0.00
FREEPORT_EQUS_GT1 23764	19.46 1.32 0.00	21.59 1.19 0.00	21.98 1.05 0.00	21.28 1.01 0.00	19.83 1.03 0.00	20.38 1.30 0.00	22.76 1.60 0.00	22.24 1.70 0.00	21.98 1.74 0.00	23.73 2.03 0.00	22.92 2.00 0.00	22.60 1.97 0.00	23.00 2.02 -1.08	42.63 2.00 -21.63	32.18 2.08 -10.29	21.86 2.00 0.00	32.04 2.87 0.00	57.15 5.00 0.00	48.20 4.11 0.00	23.66 2.17 0.00	20.75 1.91 0.00	22.62 2.05 0.00	22.84 1.98 0.00	23.51 1.84 0.00
FREEPORT___CT2 23818	19.46 1.32 0.00	21.59 1.19 0.00	21.98 1.05 0.00	21.28 1.01 0.00	19.83 1.03 0.00	20.38 1.30 0.00	22.76 1.60 0.00	22.24 1.70 0.00	21.98 1.74 0.00	23.73 2.03 0.00	22.92 2.00 0.00	22.60 1.97 0.00	23.00 2.02 -1.08	42.63 2.00 -21.63	32.18 2.08 -10.29	21.86 2.00 0.00	32.04 2.87 0.00	57.15 5.00 0.00	48.20 4.11 0.00	23.66 2.17 0.00	20.75 1.91 0.00	22.62 2.05 0.00	22.84 1.98 0.00	23.51 1.84 0.00
FRESHKLS_33_KV_LOAD 356253	19.22 1.09 0.00	21.34 0.95 0.00	21.73 0.80 0.00	21.07 0.80 0.00	19.63 0.83 0.00	20.13 1.06 0.00	22.60 1.43 0.00	22.09 1.55 0.00	21.77 1.53 0.00	23.46 1.76 0.00	22.61 1.68 0.00	22.29 1.66 0.00	21.57 1.67 0.00	20.66 1.67 0.00	21.54 1.73 0.00	21.59 1.72 0.00	31.64 2.46 0.00	56.70 4.56 0.00	47.81 3.72 0.00	23.44 1.94 0.00	20.53 1.69 0.00	22.31 1.71 -0.03	22.55 1.65 -0.04	23.19 1.51 -0.01
FULTON COGEN____ 23766	17.61 -0.52 0.00	19.70 -0.70 0.00	20.15 -0.78 0.00	19.51 -0.75 0.00	18.19 -0.61 0.00	18.54 -0.54 0.00	20.58 -0.59 0.00	20.00 -0.54 0.00	19.72 -0.52 0.00	21.10 -0.61 0.00	20.29 -0.63 0.00	20.02 -0.61 0.00	19.28 -0.62 0.00	18.43 -0.57 0.00	19.17 -0.64 0.00	19.25 -0.61 0.00	28.37 -0.81 0.00	50.76 -1.38 0.00	42.95 -1.13 0.00	20.88 -0.62 0.00	18.30 -0.54 0.00	19.93 -0.64 0.00	20.21 -0.64 0.00	20.97 -0.70 0.00
FULTON___LFGE 323630	19.88 1.74 0.00	22.29 1.90 0.00	22.82 1.89 0.00	22.10 1.84 0.00	20.50 1.71 0.00	20.98 1.90 0.00	23.49 2.33 0.00	22.85 2.31 0.00	22.50 2.26 0.00	23.83 2.13 0.00	22.94 2.02 0.00	22.64 2.02 0.00	21.51 1.61 0.00	20.40 1.41 0.00	21.02 1.21 0.00	20.80 0.94 0.00	31.31 2.13 0.00	57.84 5.70 0.00	49.44 5.35 0.00	24.01 2.52 0.00	20.93 2.09 0.00	22.83 2.26 0.00	23.11 2.26 0.00	23.98 2.31 0.00
G.F.CEMENT___DRP 24184	18.68 0.55 0.00	20.90 0.50 0.00	21.38 0.45 0.00	20.73 0.47 0.00	19.27 0.48 0.00	19.85 0.77 0.00	22.17 1.00 0.00	21.65 1.11 0.00	21.31 1.07 0.00	22.82 1.12 0.00	21.93 1.01 0.00	21.59 0.96 0.00	20.86 0.96 0.00	19.90 0.91 0.00	20.71 0.90 0.00	20.72 0.86 0.00	30.67 1.49 0.00	54.77 2.63 0.00	46.36 2.26 0.00	22.66 1.16 0.00	19.84 1.00 0.00	21.59 1.03 0.00	21.86 1.01 0.00	22.52 0.84 0.00
GARDENVILLE___LBMP 24039	17.24 -0.89 0.00	19.41 -0.98 0.00	19.88 -1.05 0.00	19.11 -1.15 0.00	17.86 -0.93 0.00	18.23 -0.85 0.00	20.22 -0.95 0.00	19.55 -0.99 0.00	19.35 -0.89 0.00	20.71 -0.99 0.00	19.91 -1.01 0.00	19.87 -0.76 0.00	19.04 -0.86 0.00	18.11 -0.89 0.00	18.76 -1.05 0.00	18.88 -0.99 0.00	27.81 -1.37 0.00	49.82 -2.32 0.00	41.98 -2.11 0.00	20.16 -1.33 0.00	17.67 -1.17 0.00	19.33 -1.24 0.00	19.96 -0.90 0.00	20.95 -0.73 0.00
GARDNVLA_35_KV_LD 355827	17.31 -0.83 0.00	19.49 -0.90 0.00	19.96 -0.97 0.00	19.18 -1.08 0.00	17.93 -0.87 0.00	18.29 -0.79 0.00	20.29 -0.88 0.00	19.63 -0.91 0.00	19.43 -0.81 0.00	20.81 -0.89 0.00	20.01 -0.91 0.00	19.97 -0.66 0.00	19.13 -0.77 0.00	18.19 -0.81 0.00	18.85 -0.95 0.00	18.96 -0.90 0.00	27.96 -1.22 0.00	50.06 -2.08 0.00	42.19 -1.90 0.00	20.26 -1.23 0.00	17.76 -1.08 0.00	19.42 -1.15 0.00	20.05 -0.81 0.00	21.04 -0.64 0.00
GELCKHM___115KV_LOAD 80723	17.75 -0.38 0.00	19.87 -0.53 0.00	20.33 -0.61 0.00	19.67 -0.60 0.00	18.34 -0.46 0.00	18.69 -0.39 0.00	20.76 -0.41 0.00	20.17 -0.37 0.00	19.88 -0.36 0.00	21.27 -0.43 0.00	20.50 -0.42 0.00	20.22 -0.40 0.00	19.47 -0.43 0.00	18.61 -0.39 0.00	19.34 -0.47 0.00	19.45 -0.42 0.00	28.62 -0.56 0.00	51.20 -0.94 0.00	43.33 -0.76 0.00	21.05 -0.45 0.00	18.45 -0.39 0.00	20.09 -0.47 0.00	20.39 -0.46 0.00	21.16 -0.52 0.00
GENERAL___MILLS 23808	17.30 -0.84 0.00	19.48 -0.92 0.00	19.95 -0.98 0.00	19.17 -1.10 0.00	17.92 -0.88 0.00	18.28 -0.80 0.00	20.28 -0.89 0.00	19.61 -0.93 0.00	19.41 -0.83 0.00	20.78 -0.92 0.00	19.98 -0.94 0.00	19.94 -0.68 0.00	19.11 -0.79 0.00	18.17 -0.83 0.00	18.83 -0.97 0.00	18.94 -0.91 0.00	27.93 -1.25 0.00	50.01 -2.13 0.00	42.13 -1.96 0.00	20.23 -1.26 0.00	17.74 -1.10 0.00	19.39 -1.17 0.00	20.03 -0.83 0.00	21.02 -0.66 0.00
GE_PLASTICS___DRP 24183	18.68 0.54 0.00	20.84 0.44 0.00	21.32 0.38 0.00	20.64 0.38 0.00	19.23 0.43 0.00	19.62 0.54 0.00	21.81 0.64 0.00	21.26 0.72 0.00	20.95 0.71 0.00	22.43 0.72 0.00	21.62 0.69 0.00	21.29 0.67 0.00	20.61 0.71 0.00	19.72 0.73 0.00	20.52 0.71 0.00	20.55 0.69 0.00	30.16 0.98 0.00	53.92 1.77 0.00	45.56 1.47 0.00	22.25 0.76 0.00	19.57 0.73 0.00	21.28 0.71 0.00	21.51 0.66 0.00	22.23 0.55 0.00
GILBOA___1 23756	18.64 0.50 0.00	20.82 0.43 0.00	21.29 0.36 0.00	20.62 0.35 0.00	19.18 0.39 0.00	19.61 0.53 0.00	21.86 0.69 0.00	21.32 0.78 0.00	21.02 0.78 0.00	22.54 0.84 0.00	21.73 0.81 0.00	21.41 0.79 0.00	20.69 0.79 0.00	19.78 0.79 0.00	20.60 0.79 0.00	20.64 0.77 0.00	30.32 1.14 0.00	54.19 2.05 0.00	45.81 1.72 0.00	22.36 0.86 0.00	19.61 0.77 0.00	21.35 0.79 0.00	21.62 0.76 0.00	22.34 0.66 0.00
GILBOA___2 23757	18.64 0.50 0.00	20.82 0.43 0.00	21.29 0.36 0.00	20.62 0.35 0.00	19.18 0.39 0.00	19.61 0.53 0.00	21.86 0.69 0.00	21.32 0.78 0.00	21.02 0.78 0.00	22.54 0.84 0.00	21.73 0.81 0.00	21.41 0.79 0.00	20.69 0.79 0.00	19.78 0.79 0.00	20.60 0.79 0.00	20.64 0.77 0.00	30.32 1.14 0.00	54.19 2.05 0.00	45.81 1.72 0.00	22.36 0.86 0.00	19.61 0.77 0.00	21.35 0.79 0.00	21.62 0.76 0.00	22.34 0.66 0.00
GILBOA___3 23758	18.64 0.50 0.00	20.82 0.43 0.00	21.29 0.36 0.00	20.62 0.35 0.00	19.18 0.39 0.00	19.61 0.53 0.00	21.86 0.69 0.00	21.32 0.78 0.00	21.02 0.78 0.00	22.54 0.84 0.00	21.73 0.81 0.00	21.41 0.79 0.00	20.69 0.79 0.00	19.78 0.79 0.00	20.60 0.79 0.00	20.64 0.77 0.00	30.32 1.14 0.00	54.19 2.05 0.00	45.81 1.72 0.00	22.36 0.86 0.00	19.61 0.77 0.00	21.35 0.79 0.00	21.62 0.76 0.00	22.34 0.66 0.00

GILBOA___4 23759	18.64 0.50 0.00	20.82 0.43 0.00	21.29 0.36 0.00	20.62 0.35 0.00	19.18 0.39 0.00	19.61 0.53 0.00	21.86 0.69 0.00	21.32 0.78 0.00	21.02 0.78 0.00	22.54 0.84 0.00	21.73 0.81 0.00	21.41 0.79 0.00	20.69 0.79 0.00	19.78 0.79 0.00	20.60 0.79 0.00	20.64 0.77 0.00	30.32 1.14 0.00	54.19 2.05 0.00	45.81 1.72 0.00	22.36 0.86 0.00	19.61 0.77 0.00	21.35 0.79 0.00	21.62 0.76 0.00	22.34 0.66 0.00
GILBOA____ 23599	18.64 0.51 0.00	20.82 0.43 0.00	21.29 0.36 0.00	20.62 0.35 0.00	19.18 0.39 0.00	19.61 0.53 0.00	21.86 0.69 0.00	21.32 0.78 0.00	21.02 0.78 0.00	22.54 0.84 0.00	21.73 0.81 0.00	21.41 0.79 0.00	20.69 0.79 0.00	19.78 0.79 0.00	20.60 0.79 0.00	20.64 0.78 0.00	30.32 1.14 0.00	54.19 2.05 0.00	45.81 1.73 0.00	22.36 0.86 0.00	19.62 0.78 0.00	21.35 0.79 0.00	21.62 0.76 0.00	22.34 0.67 0.00
GINNA____ 23603	16.59 -1.49 0.06	18.63 -1.71 0.05	18.09 -1.81 1.02	18.30 -1.80 0.17	17.24 -1.56 0.00	16.79 -1.50 0.79	18.48 -1.62 1.06	18.87 -1.56 0.11	18.00 -1.56 0.68	19.95 -1.76 0.00	19.17 -1.75 0.00	19.01 -1.62 0.00	18.27 -1.64 0.00	17.40 -1.59 0.00	18.07 -1.73 0.00	18.20 -1.67 0.00	26.91 -2.27 0.00	48.22 -3.93 0.00	40.75 -3.34 0.00	19.71 -1.78 0.00	17.27 -1.57 0.00	18.83 -1.73 0.00	19.21 -1.65 0.00	20.03 -1.65 0.00
GLEN PARK____ 23778	18.05 -0.08 0.00	20.35 -0.04 0.00	20.97 0.04 0.00	20.30 0.03 0.00	18.81 0.02 0.00	19.20 0.12 0.00	21.51 0.34 0.00	20.91 0.37 0.00	20.57 0.33 0.00	22.05 0.34 0.00	21.12 0.20 0.00	20.59 -0.04 0.00	19.73 -0.17 0.00	18.75 -0.24 0.00	19.61 -0.20 0.00	19.45 -0.41 0.00	28.77 -0.40 0.00	52.35 0.21 0.00	44.83 0.74 0.00	21.36 -0.13 0.00	18.75 -0.09 0.00	20.44 -0.13 0.00	20.60 -0.25 0.00	21.28 -0.40 0.00
GLENDALE_27_KV_LOAD 356172	19.24 1.11 0.00	21.34 0.94 0.00	21.72 0.79 0.00	21.07 0.80 0.00	19.63 0.84 0.00	20.16 1.08 0.00	22.63 1.47 0.00	22.17 1.63 0.00	21.90 1.66 0.00	23.62 1.92 0.00	22.76 1.84 0.00	22.39 1.77 0.00	21.65 1.75 0.00	20.72 1.72 0.00	21.60 1.79 0.00	21.64 1.78 0.00	31.75 2.57 0.00	56.84 4.70 0.00	48.03 3.94 0.00	23.52 2.03 0.00	20.59 1.75 0.00	22.37 1.80 -0.01	22.58 1.72 -0.01	23.22 1.54 0.00
GLENWOOD_IC_1_G5 23712	19.45 1.32 0.00	21.59 1.19 0.00	22.00 1.07 0.00	21.30 1.03 0.00	19.85 1.05 0.00	20.39 1.31 0.00	22.80 1.63 0.00	22.29 1.75 0.00	22.03 1.79 0.00	23.77 2.07 0.00	22.95 2.03 0.00	22.63 2.00 0.00	23.02 2.04 -1.08	42.64 2.01 -21.63	32.19 2.09 -10.29	21.88 2.02 0.00	32.06 2.88 0.00	56.85 4.71 0.00	47.94 3.85 0.00	23.68 2.18 0.00	20.77 1.93 0.00	22.61 2.04 0.00	22.84 1.98 0.00	23.51 1.83 0.00
GLENWOOD_IC_2_G1 23688	19.36 1.23 0.00	21.50 1.10 0.00	21.90 0.97 0.00	21.21 0.94 0.00	19.76 0.96 0.00	20.30 1.23 0.00	22.70 1.53 0.00	22.19 1.65 0.00	21.92 1.68 0.00	23.65 1.95 0.00	22.83 1.91 0.00	22.50 1.87 0.00	22.90 1.92 -1.08	42.52 1.89 -21.63	32.07 1.97 -10.29	21.77 1.90 0.00	31.90 2.73 0.00	56.86 4.71 0.00	47.94 3.85 0.00	23.56 2.06 0.00	20.66 1.82 0.00	22.50 1.93 0.00	22.72 1.87 0.00	23.40 1.72 0.00
GLENWOOD_IC_3_G1 23689	19.36 1.23 0.00	21.50 1.10 0.00	21.90 0.97 0.00	21.21 0.94 0.00	19.76 0.96 0.00	20.30 1.23 0.00	22.70 1.53 0.00	22.19 1.65 0.00	21.92 1.68 0.00	23.65 1.95 0.00	22.83 1.91 0.00	22.50 1.87 0.00	22.90 1.92 -1.08	42.52 1.89 -21.63	32.07 1.97 -10.29	21.77 1.90 0.00	31.90 2.73 0.00	56.86 4.71 0.00	47.94 3.85 0.00	23.56 2.06 0.00	20.66 1.82 0.00	22.50 1.93 0.00	22.72 1.87 0.00	23.40 1.72 0.00
GLENWOOD___4 23550	19.45 1.32 0.00	21.59 1.19 0.00	22.00 1.07 0.00	21.30 1.03 0.00	19.85 1.05 0.00	20.39 1.31 0.00	22.80 1.63 0.00	22.29 1.75 0.00	22.03 1.79 0.00	23.77 2.07 0.00	22.95 2.03 0.00	22.63 2.00 0.00	23.02 2.04 -1.08	42.64 2.01 -21.63	32.19 2.09 -10.29	21.88 2.02 0.00	32.06 2.88 0.00	56.98 4.84 0.00	48.05 3.96 0.00	23.68 2.18 0.00	20.77 1.93 0.00	22.61 2.04 0.00	22.84 1.98 0.00	23.51 1.83 0.00
GLENWOOD___5 23614	19.45 1.32 0.00	21.59 1.19 0.00	22.00 1.07 0.00	21.30 1.03 0.00	19.85 1.05 0.00	20.39 1.31 0.00	22.80 1.63 0.00	22.29 1.75 0.00	22.03 1.79 0.00	23.77 2.07 0.00	22.95 2.03 0.00	22.63 2.00 0.00	23.02 2.04 -1.08	42.64 2.01 -21.63	32.19 2.09 -10.29	21.88 2.02 0.00	32.06 2.88 0.00	56.98 4.84 0.00	48.05 3.96 0.00	23.68 2.18 0.00	20.77 1.93 0.00	22.61 2.04 0.00	22.84 1.98 0.00	23.51 1.83 0.00
GLOBAL GREEN_PORT_GT1 23814	19.91 1.78 0.00	21.92 1.53 0.00	22.35 1.41 0.00	21.61 1.34 0.00	20.15 1.35 0.00	20.73 1.65 0.00	23.11 1.94 0.00	22.58 2.04 0.00	22.27 2.03 0.00	23.92 2.21 0.00	20.94 2.12 2.10	12.80 2.15 9.97	17.13 2.37 5.14	19.83 2.38 1.55	32.64 2.54 -10.29	22.27 2.41 0.00	32.78 3.60 0.00	65.05 7.03 -5.88	216.79 4.77 -167.94	24.06 2.57 0.00	49.21 2.62 -27.75	23.17 2.61 0.00	23.38 2.52 0.00	24.14 2.46 0.00
GLOBE___DSASP 323697	16.48 -1.65 0.00	18.65 -1.75 0.00	19.14 -1.79 0.00	18.38 -1.89 0.00	17.15 -1.64 0.00	17.52 -1.55 0.00	19.37 -1.79 0.00	18.51 -2.03 0.00	18.38 -1.86 0.00	19.63 -2.07 0.00	18.88 -2.04 0.00	18.89 -1.74 0.00	18.08 -1.82 0.00	17.17 -1.83 0.00	17.79 -2.01 0.00	17.91 -1.96 0.00	26.37 -2.81 0.00	47.18 -4.96 0.00	39.73 -4.36 0.00	19.12 -2.38 0.00	16.78 -2.06 0.00	18.35 -2.22 0.00	18.98 -1.88 0.00	20.01 -1.67 0.00
GOETHSLN___LBMP 323567	19.05 0.92 0.00	21.12 0.73 0.00	21.51 0.58 0.00	20.87 0.60 0.00	19.44 0.64 0.00	19.96 0.88 0.00	22.39 1.22 0.00	21.93 1.39 0.00	21.64 1.40 0.00	23.33 1.62 0.00	22.49 1.57 0.00	22.14 1.52 0.00	21.42 1.52 0.00	20.50 1.51 0.00	21.37 1.56 0.00	21.41 1.55 0.00	31.43 2.25 0.00	56.24 4.10 0.00	47.46 3.37 0.00	23.25 1.76 0.00	20.37 1.53 0.00	22.13 1.56 0.00	22.36 1.51 0.00	22.98 1.30 0.00
GOLAH___69_KV_TB 1_2 80279	17.44 -0.69 0.00	19.60 -0.79 0.00	20.06 -0.87 0.00	19.35 -0.92 0.00	18.06 -0.74 0.00	18.43 -0.65 0.00	20.48 -0.69 0.00	19.85 -0.69 0.00	19.56 -0.68 0.00	20.86 -0.85 0.00	20.03 -0.89 0.00	19.92 -0.70 0.00	19.11 -0.79 0.00	18.21 -0.78 0.00	18.89 -0.91 0.00	19.02 -0.84 0.00	28.12 -1.06 0.00	50.46 -1.68 0.00	42.65 -1.44 0.00	20.59 -0.90 0.00	18.04 -0.80 0.00	19.69 -0.87 0.00	20.17 -0.69 0.00	21.08 -0.60 0.00
GOODYEAR_LAKE_HYD 323669	18.86 0.73 0.00	21.14 0.74 0.00	21.64 0.71 0.00	20.96 0.69 0.00	19.50 0.70 0.00	19.92 0.84 0.00	22.23 1.06 0.00	21.66 1.12 0.00	21.38 1.14 0.00	22.89 1.19 0.00	22.01 1.09 0.00	21.71 1.08 0.00	20.93 1.03 0.00	19.96 0.96 0.00	20.76 0.95 0.00	20.80 0.94 0.00	30.68 1.50 0.00	55.01 2.87 0.00	46.59 2.50 0.00	22.65 1.16 0.00	19.78 0.94 0.00	21.54 0.97 0.00	21.85 0.99 0.00	22.65 0.97 0.00

GOUDEY___1 345031	18.30 0.16 0.00	20.46 0.07 0.00	20.92 -0.02 0.00	20.25 -0.01 0.00	18.88 0.09 0.00	19.27 0.19 0.00	21.49 0.32 0.00	20.96 0.42 0.00	20.65 0.41 0.00	21.99 0.28 0.00	21.16 0.24 0.00	20.87 0.24 0.00	20.14 0.24 0.00	19.23 0.23 0.00	19.96 0.16 0.00	20.05 0.19 0.00	29.54 0.36 0.00	52.79 0.65 0.00	44.68 0.60 0.00	21.68 0.18 0.00	19.01 0.17 0.00	20.69 0.12 0.00	21.04 0.18 0.00	21.74 0.06 0.00
GOUDEY___7 23579	18.31 0.18 0.00	20.48 0.08 0.00	20.93 0.00 0.00	20.27 0.00 0.00	18.89 0.10 0.00	19.28 0.20 0.00	21.50 0.34 0.00	20.98 0.44 0.00	20.67 0.43 0.00	22.01 0.30 0.00	21.18 0.26 0.00	20.89 0.26 0.00	20.15 0.25 0.00	19.24 0.24 0.00	19.98 0.17 0.00	20.07 0.21 0.00	29.57 0.39 0.00	52.84 0.70 0.00	44.72 0.64 0.00	21.70 0.21 0.00	19.03 0.19 0.00	20.71 0.14 0.00	21.05 0.19 0.00	21.76 0.08 0.00
GOUDEY___8 23580	18.30 0.16 0.00	20.46 0.07 0.00	20.92 -0.02 0.00	20.25 -0.01 0.00	18.88 0.09 0.00	19.27 0.19 0.00	21.49 0.32 0.00	20.96 0.42 0.00	20.65 0.41 0.00	21.99 0.28 0.00	21.16 0.24 0.00	20.87 0.24 0.00	20.14 0.24 0.00	19.23 0.23 0.00	19.96 0.16 0.00	20.05 0.19 0.00	29.54 0.36 0.00	52.79 0.65 0.00	44.68 0.60 0.00	21.68 0.18 0.00	19.01 0.17 0.00	20.69 0.12 0.00	21.04 0.18 0.00	21.74 0.06 0.00
GOWANUS_GT1_1 24077	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.84 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.65 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.62 1.81 0.00	21.66 1.79 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GOWANUS_GT1_2 24078	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.84 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.65 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.62 1.81 0.00	21.66 1.79 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GOWANUS_GT1_3 24079	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.84 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.65 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.62 1.81 0.00	21.66 1.79 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GOWANUS_GT1_4 24080	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.84 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.65 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.62 1.81 0.00	21.66 1.79 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GOWANUS_GT1_5 24084	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.84 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.65 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59														

GOWANUS_GT2_5 24118	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GOWANUS_GT2_6 24119	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GOWANUS_GT2_7 24120	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GOWANUS_GT2_8 24121	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GOWANUS_GT3_1 24122	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GOWANUS_GT3_2 24123	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GOWANUS_GT3_3 24124	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GOWANUS_GT3_4 24125	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GOWANUS_GT3_5 24126	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GOWANUS_GT3_6 24127	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GOWANUS_GT3_7 24128	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GOWANUS_GT3_8 24129	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GOWANUS_GT4_1 24130	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.84 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.65 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.62 1.81 0.00	21.66 1.79 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GOWANUS_GT4_2 24131	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.84 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.65 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.62 1.81 0.00	21.66 1.79 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GOWANUS_GT4_3 24132	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.84 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.65 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.62 1.81 0.00	21.66 1.79 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01

GOWANUS_GT4_4 24133	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.84 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.65 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.62 1.81 0.00	21.66 1.79 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GOWANUS_GT4_5 24134	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.84 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.65 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.62 1.81 0.00	21.66 1.79 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GOWANUS_GT4_6 24135	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.84 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.65 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.62 1.81 0.00	21.66 1.79 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GOWANUS_GT4_7 24136	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.84 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.65 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.62 1.81 0.00	21.66 1.79 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GOWANUS_GT4_8 24137	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.84 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.65 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.62 1.81 0.00	21.66 1.79 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GREENBSH_115KV_TB3 55895	18.67 0.54 0.00	20.80 0.40 0.00	21.28 0.34 0.00	20.60 0.34 0.00	19.22 0.42 0.00	19.59 0.52 0.00	21.73 0.57 0.00	21.19 0.65 0.00	20.89 0.65 0.00	22.34 0.64 0.00	21.53 0.61 0.00	21.20 0.57 0.00	20.55 0.65 0.00	19.68 0.68 0.00	20.46 0.65 0.00	20.49 0.63 0.00	30.07 0.89 0.00	53.73 1.59 0.00	45.38 1.30 0.00	22.18 0.68 0.00	19.53 0.69 0.00	21.21 0.65 0.00	21.43 0.58 0.00	22.14 0.46 0.00
GREENDGE_115KV_TB5 80291	18.15 0.02 0.00	20.31 -0.08 0.00	20.75 -0.19 0.00	20.08 -0.19 0.00	18.76 -0.04 0.00	19.15 0.08 0.00	21.43 0.26 0.00	20.93 0.39 0.00	20.58 0.34 0.00	21.83 0.12 0.00	20.92 0.00 0.00	20.61 -0.02 0.00	19.78 -0.12 0.00	18.86 -0.14 0.00	19.53 -0.28 0.00	19.71 -0.16 0.00	29.16 -0.02 0.00	52.06 -0.08 0.00	44.18 0.09 0.00	21.52 0.03 0.00	18.85 0.01 0.00	20.49 -0.07 0.00	20.82 -0.04 0.00	21.57 -0.11 0.00
GREENIDGE___3 23582	18.15 0.02 0.00	20.31 -0.08 0.00	20.75 -0.19 0.00	20.08 -0.19 0.00	18.76 -0.04 0.00	19.15 0.08 0.00	21.43 0.26 0.00	20.93 0.39 0.00	20.58 0.34 0.00	21.83 0.12 0.00	20.92 0.00 0.00	20.61 -0.02 0.00	19.78 -0.12 0.00	18.86 -0.14 0.00	19.53 -0.28 0.00	19.71 -0.16 0.00	29.16 -0.02 0.00	52.06 -0.08 0.00	44.18 0.09 0.00	21.52 0.03 0.00	18.85 0.01 0.00	20.49 -0.07 0.00	20.82 -0.04 0.00	21.57 -0.11 0.00
GREENIDGE___4 23583	18.20 0.02 -0.05	20.35 -0.08 -0.04	21.59 -0.19 -0.84	20.22 -0.19 -0.14	18.76 -0.04 0.00	19.80 0.07 -0.65	22.28 0.26 -0.86	21.01 0.39 -0.09	21.12 0.33 -0.54	21.83 0.13 0.00	20.92 0.00 0.00	20.61 -0.02 0.00	19.78 -0.12 0.00	18.85 -0.14 0.00	19.53 -0.28 0.00	19.71 -0.16 0.00	29.16 -0.01 0.00	52.06 -0.08 0.00	44.18 0.09 0.00	21.52 0.03 0.00	18.85 0.01 0.00	20.49 -0.07 0.00	20.82 -0.04 0.00	21.57 -0.11 0.00
GREENLWN_69_KV_BK 3 55738	19.39 1.25 0.00	21.54 1.14 0.00	21.96 1.02 0.00	21.26 0.99 0.00	19.81 1.01 0.00	20.36 1.28 0.00	22.73 1.57 0.00	22.22 1.69 0.00	21.96 1.72 0.00	23.70 2.00 0.00	22.88 1.96 0.00	22.54 1.91 0.00	22.96 1.98 -1.08	42.59 1.97 -21.63	32.14 2.04 -10.29	21.82 1.95 0.00	31.99 2.81 0.00	56.31 4.95 0.77	26.03 4.05 22.11	23.63 2.13 0.00	17.06 1.87 3.64	22.54 1.97 0.00	22.76 1.90 0.00	23.46 1.78 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.84 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.65 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.62 1.81 0.00	21.66 1.79 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
GRISSOM___SOLAR 323813	19.88 1.74 0.00	22.29 1.90 0.00	22.82 1.89 0.00	22.10 1.84 0.00	20.50 1.71 0.00	20.98 1.90 0.00	23.49 2.33 0.00	22.85 2.31 0.00	22.50 2.26 0.00	23.83 2.13 0.00	22.94 2.02 0.00	22.64 2.02 0.00	21.51 1.61 0.00	20.40 1.41 0.00	21.02 1.21 0.00	20.80 0.94 0.00	31.31 2.13 0.00	57.84 5.70 0.00	49.44 5.35 0.00	24.01 2.52 0.00	20.93 2.09 0.00	22.83 2.26 0.00	23.11 2.26 0.00	23.98 2.31 0.00
GROVEVILLE___HYD 323602	19.32 1.19 0.00	21.51 1.11 0.00	21.94 1.01 0.00	21.26 0.99 0.00	19.80 1.00 0.00	20.32 1.24 0.00	22.76 1.59 0.00	22.28 1.74 0.00	21.99 1.75 0.00	23.63 1.93 0.00	22.79 1.87 0.00	22.45 1.83 0.00	21.68 1.78 0.00	20.71 1.71 0.00	21.57 1.76 0.00	21.65 1.78 0.00	31.84 2.67 0.00	56.98 4.84 0.00	48.18 4.09 0.00	23.52 2.03 0.00	20.61 1.77 0.00	22.41 1.85 0.00	22.66 1.80 0.00	23.33 1.65 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	17.91 -0.22 0.00	20.05 -0.35 0.00	20.50 -0.43 0.00	19.84 -0.43 0.00	18.49 -0.30 0.00	18.86 -0.22 0.00	20.95 -0.22 0.00	20.37 -0.18 0.00	20.07 -0.17 0.00	21.47 -0.24 0.00	20.67 -0.25 0.00	20.39 -0.24 0.00	19.62 -0.28 0.00	18.75 -0.25 0.00	19.50 -0.31 0.00	19.61 -0.25 0.00	28.87 -0.31 0.00	51.67 -0.48 0.00	43.72 -0.37 0.00	21.23 -0.27 0.00	18.61 -0.23 0.00	20.27 -0.29 0.00	20.56 -0.30 0.00	21.33 -0.34 0.00
HAMLTNNY_34_KV_TB 80303	17.93 -0.20 0.00	20.08 -0.32 0.00	20.54 -0.40 0.00	19.87 -0.40 0.00	18.53 -0.26 0.00	18.91 -0.17 0.00	21.01 -0.16 0.00	20.43 -0.11 0.00	20.13 -0.11 0.00	21.50 -0.20 0.00	20.70 -0.23 0.00	20.43 -0.20 0.00	19.64 -0.26 0.00	18.78 -0.22 0.00	19.51 -0.30 0.00	19.64 -0.22 0.00	28.92 -0.25 0.00	51.77 -0.37 0.00	43.84 -0.25 0.00	21.26 -0.23 0.00	18.64 -0.20 0.00	20.32 -0.25 0.00	20.60 -0.26 0.00	21.39 -0.29 0.00

HAMPSHIRE___PAPER_HYD 323593	17.93 -0.20 0.00	20.31 -0.08 0.00	20.98 0.04 0.00	20.31 0.04 0.00	18.71 -0.09 0.00	18.88 -0.19 0.00	21.03 -0.14 0.00	20.38 -0.16 0.00	20.05 -0.19 0.00	21.50 -0.20 0.00	20.65 -0.27 0.00	20.23 -0.39 0.00	19.43 -0.47 0.00	18.46 -0.54 0.00	19.31 -0.50 0.00	19.31 -0.56 0.00	28.46 -0.72 0.00	51.21 -0.93 0.00	43.58 -0.51 0.00	20.99 -0.51 0.00	18.36 -0.48 0.00	20.09 -0.48 0.00	20.37 -0.49 0.00	21.21 -0.47 0.00
HARDSCRABBLE_WT_PWR 323673	18.51 0.38 0.00	20.63 0.24 0.00	21.06 0.13 0.00	20.40 0.13 0.00	19.02 0.23 0.00	19.48 0.41 0.00	21.75 0.58 0.00	21.25 0.71 0.00	20.91 0.67 0.00	22.35 0.65 0.00	21.52 0.60 0.00	21.14 0.51 0.00	20.45 0.55 0.00	19.50 0.50 0.00	20.30 0.50 0.00	20.28 0.42 0.00	29.87 0.69 0.00	53.60 1.46 0.00	45.40 1.31 0.00	22.11 0.61 0.00	19.33 0.49 0.00	21.04 0.47 0.00	21.42 0.56 0.00	22.07 0.39 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.09 0.96 0.00	21.25 0.86 0.00	21.68 0.74 0.00	21.00 0.73 0.00	19.55 0.76 0.00	20.05 0.97 0.00	22.45 1.29 0.00	21.97 1.44 0.00	21.67 1.43 0.00	23.31 1.61 0.00	22.50 1.58 0.00	22.16 1.54 0.00	21.43 1.53 0.00	20.48 1.48 0.00	21.33 1.53 0.00	21.39 1.53 0.00	31.44 2.26 0.00	56.27 4.13 0.00	47.54 3.45 0.00	23.21 1.72 0.00	20.34 1.50 0.00	22.12 1.55 0.00	22.37 1.51 0.00	23.05 1.37 0.00
HARSNRAD_115KV_TB1 81005	16.87 -1.26 0.00	19.00 -1.39 0.00	19.51 -1.42 0.00	18.72 -1.54 0.00	17.49 -1.30 0.00	17.87 -1.20 0.00	19.77 -1.40 0.00	19.06 -1.49 0.00	18.86 -1.38 0.00	20.18 -1.52 0.00	19.39 -1.53 0.00	19.38 -1.25 0.00	18.55 -1.36 0.00	17.62 -1.38 0.00	18.25 -1.56 0.00	18.38 -1.49 0.00	27.09 -2.08 0.00	48.56 -3.58 0.00	40.93 -3.16 0.00	19.68 -1.81 0.00	17.26 -1.58 0.00	18.87 -1.69 0.00	19.51 -1.35 0.00	20.55 -1.13 0.00
HARZA MOOSE___RIVER 24016	18.39 0.26 0.00	20.68 0.29 0.00	21.29 0.36 0.00	20.61 0.35 0.00	19.12 0.33 0.00	19.48 0.40 0.00	21.76 0.59 0.00	21.13 0.59 0.00	20.84 0.60 0.00	22.32 0.61 0.00	21.43 0.51 0.00	21.00 0.37 0.00	20.20 0.30 0.00	19.19 0.19 0.00	19.96 0.15 0.00	19.94 0.08 0.00	29.42 0.24 0.00	53.10 0.96 0.00	45.23 1.14 0.00	21.78 0.28 0.00	19.08 0.24 0.00	20.79 0.22 0.00	21.00 0.14 0.00	21.75 0.07 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	17.75 -0.38 0.00	19.86 -0.53 0.00	20.32 -0.62 0.00	19.67 -0.60 0.00	18.33 -0.46 0.00	18.69 -0.39 0.00	20.76 -0.41 0.00	20.18 -0.36 0.00	19.89 -0.35 0.00	21.29 -0.41 0.00	20.51 -0.41 0.00	20.24 -0.39 0.00	19.49 -0.41 0.00	18.62 -0.38 0.00	19.36 -0.45 0.00	19.45 -0.41 0.00	28.64 -0.54 0.00	51.24 -0.90 0.00	43.36 -0.73 0.00	21.06 -0.44 0.00	18.46 -0.38 0.00	20.11 -0.46 0.00	20.41 -0.45 0.00	21.16 -0.52 0.00
HELLGATE_13_KV_LD 55870	19.15 1.02 0.00	21.24 0.85 0.00	21.63 0.69 0.00	20.98 0.72 0.00	19.56 0.76 0.00	20.06 0.99 0.00	22.53 1.36 0.00	22.06 1.52 0.00	21.78 1.54 0.00	23.50 1.80 0.00	22.64 1.72 0.00	22.27 1.65 0.00	21.54 1.64 0.00	20.62 1.62 0.00	21.49 1.68 0.00	21.53 1.67 0.00	31.59 2.41 0.00	56.53 4.39 0.00	47.77 3.68 0.00	23.40 1.91 0.00	20.48 1.64 0.00	22.25 1.68 -0.01	22.46 1.60 -0.01	23.11 1.43 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.15 1.02 0.00	21.24 0.85 0.00	21.63 0.69 0.00	20.98 0.72 0.00	19.56 0.76 0.00	20.06 0.99 0.00	22.53 1.36 0.00	22.06 1.52 0.00	21.78 1.54 0.00	23.50 1.80 0.00	22.64 1.72 0.00	22.27 1.65 0.00	21.54 1.64 0.00	20.62 1.62 0.00	21.49 1.68 0.00	21.53 1.67 0.00	31.59 2.41 0.00	56.53 4.39 0.00	47.77 3.68 0.00	23.40 1.91 0.00	20.48 1.64 0.00	22.25 1.68 -0.01	22.46 1.60 -0.01	23.11 1.43 0.00
HEMPSTEAD____ 23647	19.38 1.24 0.00	21.50 1.11 0.00	21.92 0.98 0.00	21.21 0.94 0.00	19.77 0.97 0.00	20.31 1.23 0.00	22.70 1.53 0.00	22.18 1.64 0.00	21.92 1.68 0.00	23.66 1.95 0.00	22.84 1.92 0.00	22.52 1.88 0.00	22.92 1.94 -1.08	42.55 1.92 -21.63	32.11 2.00 -10.29	21.79 1.92 0.00	31.93 2.75 0.00	56.87 4.73 0.00	47.95 3.86 0.00	23.57 2.08 0.00	20.67 1.83 0.00	22.53 1.96 0.00	22.74 1.89 0.00	23.42 1.74 0.00
HEWLETT__69_KV_BK3 55828	19.50 1.37 0.00	21.64 1.24 0.00	22.00 1.07 0.00	21.30 1.04 0.00	19.86 1.06 0.00	20.40 1.33 0.00	22.83 1.66 0.00	22.30 1.76 0.00	22.04 1.80 0.00	23.79 2.09 0.00	22.99 2.07 0.00	22.69 2.06 -0.01	23.07 2.09 -1.08	42.68 2.05 -21.63	32.22 2.11 -10.29	21.93 2.06 0.00	32.12 2.94 0.00	57.21 5.07 0.00	48.05 3.96 0.00	23.67 2.17 0.00	20.79 1.95 0.00	22.63 2.07 0.00	22.87 2.01 0.00	23.56 1.88 0.00
HICKLING___1 23621	18.26 0.13 0.00	20.40 0.01 0.00	20.82 -0.11 0.00	20.16 -0.10 0.00	18.84 0.04 0.00	19.23 0.15 0.00	21.54 0.37 0.00	21.07 0.53 0.00	20.78 0.54 0.00	22.15 0.45 0.00	21.29 0.37 0.00	20.96 0.34 0.00	20.15 0.26 0.00	19.23 0.23 0.00	19.91 0.10 0.00	20.06 0.20 0.00	29.58 0.40 0.00	52.72 0.58 0.00	44.76 0.67 0.00	21.64 0.15 0.00	18.98 0.14 0.00	20.63 0.06 0.00	20.97 0.11 0.00	21.63 -0.04 0.00
HICKLING___2 23622	18.26 0.13 0.00	20.40 0.01 0.00	20.82 -0.11 0.00	20.16 -0.10 0.00	18.84 0.04 0.00	19.23 0.15 0.00	21.54 0.37 0.00	21.07 0.53 0.00	20.78 0.54 0.00	22.15 0.45 0.00	21.29 0.37 0.00	20.96 0.34 0.00	20.15 0.26 0.00	19.23 0.23 0.00	19.91 0.10 0.00	20.06 0.20 0.00	29.58 0.40 0.00	52.72 0.58 0.00	44.76 0.67 0.00	21.64 0.15 0.00	18.98 0.14 0.00	20.63 0.06 0.00	20.97 0.11 0.00	21.63 -0.04 0.00
HIGH FALLS___HY 23754	19.21 1.08 0.00	21.39 0.99 0.00	21.82 0.89 0.00	21.14 0.87 0.00	19.68 0.88 0.00	20.22 1.14 0.00	22.70 1.53 0.00	22.26 1.72 0.00	22.00 1.76 0.00	23.68 1.98 0.00	22.79 1.87 0.00	22.34 1.72 0.00	21.38 1.48 0.00	20.38 1.38 0.00	21.28 1.48 0.00	21.41 1.55 0.00	31.59 2.41 0.00	56.65 4.51 0.00	47.95 3.86 0.00	23.43 1.93 0.00	20.64 1.80 0.00	22.45 1.89 0.00	22.71 1.85 0.00	23.37 1.70 0.00
HILLBURN___GT 23639	19.07 0.93 0.00	21.21 0.82 0.00	21.63 0.70 0.00	20.96 0.70 0.00	19.52 0.72 0.00	20.02 0.94 0.00	22.43 1.26 0.00	21.96 1.42 0.00	21.65 1.41 0.00	23.30 1.60 0.00	22.48 1.56 0.00	22.14 1.52 0.00	21.41 1.51 0.00	20.49 1.50 0.00	21.36 1.56 0.00	21.40 1.54 0.00	31.44 2.26 0.00	56.25 4.11 0.00	47.52 3.43 0.00	23.20 1.71 0.00	20.32 1.48 0.00	22.11 1.54 0.00	22.37 1.51 0.00	23.04 1.36 0.00
HILLSIDE_115KV_TB1 80332	18.00 -0.14 0.00	20.09 -0.30 0.00	20.50 -0.43 0.00	19.85 -0.42 0.00	18.55 -0.24 0.00	18.92 -0.15 0.00	21.16 0.00 0.00	20.72 0.18 0.00	20.44 0.20 0.00	21.81 0.11 0.00	20.99 0.07 0.00	20.70 0.07 0.00	19.94 0.04 0.00	19.05 0.05 0.00	19.74 -0.07 0.00	19.85 -0.01 0.00	29.24 0.06 0.00	52.12 -0.02 0.00	44.18 0.09 0.00	21.37 -0.12 0.00	18.76 -0.08 0.00	20.41 -0.16 0.00	20.77 -0.09 0.00	21.40 -0.27 0.00

HISHELDN_WT_PWR 323625	16.94 -1.04 0.15	19.13 -1.13 0.13	16.90 -1.21 2.82	18.49 -1.31 0.46	17.74 -1.06 0.00	15.87 -1.02 2.18	17.10 -1.17 2.90	19.06 -1.19 0.29	17.30 -1.09 1.85	20.52 -1.19 0.00	19.73 -1.19 0.00	19.67 -0.95 0.00	18.79 -1.10 0.00	17.84 -1.15 0.00	18.49 -1.32 0.00	18.63 -1.23 0.00	27.51 -1.67 0.00	49.42 -2.71 0.00	41.61 -2.48 0.00	19.95 -1.55 0.00	17.45 -1.39 0.00	19.10 -1.46 0.00	19.74 -1.12 0.00	20.75 -0.93 0.00
HOLTSVILLE_IC_1 23690	19.53 1.40 0.00	21.64 1.24 0.00	22.07 1.14 0.00	21.36 1.09 0.00	19.90 1.11 0.00	20.46 1.38 0.00	22.78 1.62 0.00	22.26 1.72 0.00	21.95 1.71 0.00	23.66 1.96 0.00	22.83 1.92 0.00	22.41 1.78 0.00	22.91 1.93 -1.08	42.55 1.92 -21.63	32.13 2.03 -10.29	21.77 1.90 0.00	31.93 2.75 0.00	63.19 5.14 -5.91	216.88 4.08 -168.70	23.62 2.12 0.00	48.68 1.96 -27.88	22.66 2.09 0.00	22.90 2.04 0.00	23.61 1.93 0.00
HOLTSVILLE_IC_10 23699	19.62 1.49 0.00	21.72 1.33 0.00	22.17 1.23 0.00	21.44 1.17 0.00	19.99 1.19 0.00	20.54 1.46 0.00	22.88 1.72 0.00	22.37 1.83 0.00	22.07 1.83 0.00	23.78 2.08 0.00	23.08 2.03 -0.13	23.12 1.89 -0.61	23.39 2.04 -1.46	44.04 2.02 -23.03	32.25 2.15 -10.29	21.89 2.02 0.00	32.11 2.93 0.00	63.25 5.45 -5.66	210.02 4.37 -161.56	23.75 2.26 0.00	47.59 2.06 -26.69	22.77 2.21 0.00	23.01 2.16 0.00	23.71 2.04 0.00
HOLTSVILLE_IC_2 23691	19.53 1.40 0.00	21.64 1.24 0.00	22.07 1.14 0.00	21.36 1.09 0.00	19.90 1.11 0.00	20.46 1.38 0.00	22.78 1.62 0.00	22.26 1.72 0.00	21.95 1.71 0.00	23.66 1.96 0.00	22.83 1.92 0.00	22.41 1.78 0.00	22.91 1.93 -1.08	42.55 1.92 -21.63	32.13 2.03 -10.29	21.77 1.90 0.00	31.93 2.75 0.00	63.19 5.14 -5.91	216.88 4.08 -168.70	23.62 2.12 0.00	48.68 1.96 -27.88	22.66 2.09 0.00	22.90 2.04 0.00	23.61 1.93 0.00
HOLTSVILLE_IC_3 23692	19.53 1.40 0.00	21.64 1.24 0.00	22.07 1.14 0.00	21.36 1.09 0.00	19.90 1.11 0.00	20.46 1.38 0.00	22.78 1.62 0.00	22.26 1.72 0.00	21.95 1.71 0.00	23.66 1.96 0.00	22.83 1.92 0.00	22.41 1.78 0.00	22.91 1.93 -1.08	42.55 1.92 -21.63	32.13 2.03 -10.29	21.77 1.90 0.00	31.93 2.75 0.00	63.19 5.14 -5.91	216.88 4.08 -168.70	23.62 2.12 0.00	48.68 1.96 -27.88	22.66 2.09 0.00	22.90 2.04 0.00	23.61 1.93 0.00
HOLTSVILLE_IC_4 23693	19.53 1.40 0.00	21.64 1.24 0.00	22.07 1.14 0.00	21.36 1.09 0.00	19.90 1.11 0.00	20.46 1.38 0.00	22.78 1.62 0.00	22.26 1.72 0.00	21.95 1.71 0.00	23.66 1.96 0.00	22.83 1.92 0.00	22.41 1.78 0.00	22.91 1.93 -1.08	42.55 1.92 -21.63	32.13 2.03 -10.29	21.77 1.90 0.00	31.93 2.75 0.00	63.19 5.14 -5.91	216.88 4.08 -168.70	23.62 2.12 0.00	48.68 1.96 -27.88	22.66 2.09 0.00	22.90 2.04 0.00	23.61 1.93 0.00
HOLTSVILLE_IC_5 23694	19.53 1.40 0.00	21.64 1.24 0.00	22.07 1.14 0.00	21.36 1.09 0.00	19.90 1.11 0.00	20.46 1.38 0.00	22.78 1.62 0.00	22.26 1.72 0.00	21.95 1.71 0.00	23.66 1.96 0.00	22.83 1.92 0.00	22.41 1.78 0.00	22.91 1.93 -1.08	42.55 1.92 -21.63	32.13 2.03 -10.29	21.77 1.90 0.00	31.93 2.75 0.00	63.19 5.14 -5.91	216.88 4.08 -168.70	23.62 2.12 0.00	48.68 1.96 -27.88	22.66 2.09 0.00	22.90 2.04 0.00	23.61 1.93 0.00
HOLTSVILLE_IC_6 23695	19.62 1.49 0.00	21.72 1.33 0.00	22.17 1.23 0.00	21.44 1.17 0.00	19.99 1.19 0.00	20.54 1.46 0.00	22.88 1.72 0.00	22.37 1.83 0.00	22.07 1.83 0.00	23.78 2.08 0.00	23.08 2.03 -0.13	23.12 1.89 -0.61	23.39 2.04 -1.46	44.04 2.02 -23.03	32.25 2.15 -10.29	21.89 2.02 0.00	32.11 2.93 0.00	63.25 5.45 -5.66	210.02 4.37 -161.56	23.75 2.26 0.00	47.59 2.06 -26.69	22.77 2.21 0.00	23.01 2.16 0.00	23.71 2.04 0.00
HOLTSVILLE_IC_7 23696	19.62 1.49 0.00	21.72 1.33 0.00	22.17 1.23 0.00	21.44 1.17 0.00	19.99 1.19 0.00	20.54 1.46 0.00	22.88 1.72 0.00	22.37 1.83 0.00	22.07 1.83 0.00	23.78 2.08 0.00	23.08 2.03 -0.13	23.12 1.89 -0.61	23.39 2.04 -1.46	44.04 2.02 -23.03	32.25 2.15 -10.29	21.89 2.02 0.00	32.11 2.93 0.00	63.25 5.45 -5.66	210.02 4.37 -161.56	23.75 2.26 0.00	47.59 2.06 -26.69	22.77 2.21 0.00	23.01 2.16 0.00	23.71 2.04 0.00
HOLTSVILLE_IC_8 23697	19.62 1.49 0.00	21.72 1.33 0.00	22.17 1.23 0.00	21.44 1.17 0.00	19.99 1.19 0.00	20.54 1.46 0.00	22.88 1.72 0.00	22.37 1.83 0.00	22.07 1.83 0.00	23.78 2.08 0.00	23.08 2.03 -0.13	23.12 1.89 -0.61	23.39 2.04 -1.46	44.04 2.02 -23.03	32.25 2.15 -10.29	21.89 2.02 0.00	32.11 2.93 0.00	63.25 5.45 -5.66	210.02 4.37 -161.56	23.75 2.26 0.00	47.59 2.06 -26.69	22.77 2.21 0.00	23.01 2.16 0.00	23.71 2.04 0.00
HOLTSVILLE_IC_9 23698	19.62 1.49 0.00	21.72 1.33 0.00	22.17 1.23 0.00	21.44 1.17 0.00	19.99 1.19 0.00	20.54 1.46 0.00	22.88 1.72 0.00	22.37 1.83 0.00	22.07 1.83 0.00	23.78 2.08 0.00	23.08 2.03 -0.13	23.12 1.89 -0.61	23.39 2.04 -1.46	44.04 2.02 -23.03	32.25 2.15 -10.29	21.89 2.02 0.00	32.11 2.93 0.00	63.25 5.45 -5.66	210.02 4.37 -161.56	23.75 2.26 0.00	47.59 2.06 -26.69	22.77 2.21 0.00	23.01 2.16 0.00	23.71 2.04 0.00
HOMER_HL_115KV_TB2 355744	18.08 -0.05 0.00	20.31 -0.09 0.00	20.76 -0.17 0.00	20.00 -0.27 0.00	18.66 -0.13 0.00	19.06 -0.01 0.00	21.26 0.09 0.00	20.60 0.06 0.00	20.37 0.13 0.00	21.75 0.04 0.00	20.93 0.01 0.00	20.82 0.19 0.00	20.13 0.23 0.00	19.27 0.27 0.00	19.94 0.14 0.00	20.04 0.18 0.00	29.47 0.29 0.00	52.47 0.33 0.00	44.13 0.04 0.00	21.20 -0.30 0.00	18.59 -0.25 0.00	20.41 -0.16 0.00	21.09 0.23 0.00	21.94 0.26 0.00
HOWARD_WT_PWR 323690	18.49 0.32 -0.03	20.70 0.28 -0.03	21.60 0.13 -0.53	20.47 0.12 -0.09	19.08 0.28 0.00	19.88 0.39 -0.41	22.44 0.74 -0.53	21.49 0.90 -0.05	21.48 0.90 -0.34	22.46 0.75 0.00	21.46 0.54 0.00	21.08 0.46 0.00	20.12 0.22 0.00	19.11 0.11 0.00	19.61 -0.20 0.00	19.73 -0.13 0.00	29.18 0.00 0.00	51.99 -0.15 0.00	44.41 0.31 0.00	21.50 0.01 0.00	18.85 0.01 0.00	20.42 -0.14 0.00	20.71 -0.15 0.00	21.46 -0.21 0.00
HQ_GEN_CEDARS 23644	18.06 -0.07 0.00	20.54 0.15 0.00	21.21 0.28 0.00	20.52 0.25 0.00	18.88 0.08 0.00	18.95 -0.13 0.00	20.96 -0.21 0.00	20.22 -0.33 0.00	19.89 -0.35 0.00	21.36 -0.34 0.00	20.59 -0.34 0.00	20.30 -0.32 0.00	19.53 -0.37 0.00	18.58 -0.42 0.00	19.47 -0.34 0.00	19.53 -0.33 0.00	28.72 -0.46 0.00	51.28 -0.86 0.00	43.33 -0.76 0.00	21.10 -0.39 0.00	18.45 -0.39 0.00	20.25 -0.31 0.00	20.60 -0.26 0.00	21.59 -0.09 0.00
HQ_GEN_CEDARS_PROXY 323590	17.56 -0.07 0.50	22.78 0.15 -2.24	21.21 0.28 0.00	20.53 0.26 0.00	18.88 0.08 0.00	18.65 -0.13 0.30	20.96 -0.21 0.00	20.22 -0.33 0.00	19.89 -0.35 0.00	21.36 -0.34 0.00	20.59 -0.34 0.00	20.30 -0.33 0.00	19.53 -0.37 0.00	18.58 -0.42 0.00	19.47 -0.34 0.00	19.53 -0.33 0.00	28.72 -0.45 0.00	51.28 -0.86 0.00	43.33 -0.76 0.00	21.10 -0.39 0.00	18.45 -0.39 0.00	20.25 -0.31 0.00	20.59 -0.26 0.00	21.59 -0.09 0.00

HQ_GEN_IMPORT 323601	15.77 -0.12 2.25	20.45 0.06 0.00	21.09 0.16 0.00	20.42 0.15 0.00	19.49 0.03 -0.67	18.71 -0.13 0.23	20.93 -0.24 0.00	20.21 -0.33 0.00	19.90 -0.34 0.00	21.36 -0.35 0.00	20.59 -0.33 0.00	20.30 -0.32 0.00	19.57 -0.33 0.00	18.65 -0.35 0.00	19.50 -0.30 0.00	19.57 -0.30 0.00	28.73 -0.45 0.00	51.28 -0.86 0.00	43.35 -0.74 0.00	20.54 -0.35 0.61	18.51 -0.33 0.00	20.40 -0.28 -0.11	20.61 -0.25 0.00	21.55 -0.13 0.00
HQ_GEN_WHEEL 23651	15.77 -0.12 2.25	20.45 0.06 0.00	21.09 0.16 0.00	20.42 0.15 0.00	19.49 0.03 -0.67	18.71 -0.13 0.23	20.93 -0.24 0.00	20.21 -0.33 0.00	19.90 -0.34 0.00	21.36 -0.35 0.00	20.59 -0.33 0.00	20.30 -0.32 0.00	19.57 -0.33 0.00	18.65 -0.35 0.00	19.50 -0.30 0.00	19.57 -0.30 0.00	28.73 -0.45 0.00	51.28 -0.86 0.00	43.35 -0.74 0.00	20.54 -0.35 0.61	18.51 -0.33 0.00	20.40 -0.28 -0.11	20.61 -0.25 0.00	21.55 -0.13 0.00
HUDSON AVE_GT_3 23810	19.16 1.03 0.00	21.25 0.86 0.00	21.63 0.70 0.00	20.99 0.72 0.00	19.56 0.76 0.00	20.09 1.01 0.00	22.53 1.36 0.00	22.07 1.53 0.00	21.78 1.54 0.00	23.48 1.77 0.00	22.65 1.73 0.00	22.30 1.68 0.00	21.57 1.67 0.00	20.65 1.66 0.00	21.52 1.71 0.00	21.56 1.70 0.00	31.65 2.47 0.00	56.60 4.46 0.00	47.76 3.67 0.00	23.40 1.91 0.00	20.50 1.66 0.00	22.27 1.71 0.00	22.50 1.64 0.00	23.11 1.44 0.00
HUDSON AVE_GT_4 23540	19.16 1.03 0.00	21.25 0.86 0.00	21.63 0.70 0.00	20.99 0.72 0.00	19.56 0.76 0.00	20.09 1.01 0.00	22.53 1.36 0.00	22.07 1.53 0.00	21.78 1.54 0.00	23.48 1.77 0.00	22.65 1.73 0.00	22.30 1.68 0.00	21.57 1.67 0.00	20.65 1.66 0.00	21.52 1.71 0.00	21.56 1.70 0.00	31.65 2.47 0.00	56.60 4.46 0.00	47.76 3.67 0.00	23.40 1.91 0.00	20.50 1.66 0.00	22.27 1.71 0.00	22.50 1.64 0.00	23.11 1.44 0.00
HUDSON AVE_GT_5 23657	19.16 1.03 0.00	21.25 0.86 0.00	21.63 0.70 0.00	20.99 0.72 0.00	19.56 0.76 0.00	20.09 1.01 0.00	22.53 1.36 0.00	22.07 1.53 0.00	21.78 1.54 0.00	23.48 1.77 0.00	22.65 1.73 0.00	22.30 1.68 0.00	21.57 1.67 0.00	20.65 1.66 0.00	21.52 1.71 0.00	21.56 1.70 0.00	31.65 2.47 0.00	56.60 4.46 0.00	47.76 3.67 0.00	23.40 1.91 0.00	20.50 1.66 0.00	22.27 1.71 0.00	22.50 1.64 0.00	23.11 1.44 0.00
HUDSON_AVE_10 24168	19.12 0.99 0.00	21.20 0.81 0.00	21.58 0.65 0.00	20.95 0.68 0.00	19.54 0.74 0.00	20.07 0.99 0.00	22.50 1.34 0.00	22.05 1.51 0.00	21.76 1.52 0.00	23.45 1.74 0.00	22.60 1.68 0.00	22.25 1.62 0.00	21.51 1.61 0.00	20.59 1.59 0.00	21.46 1.65 0.00	21.51 1.64 0.00	31.58 2.40 0.00	56.49 4.35 0.00	47.66 3.57 0.00	23.34 1.85 0.00	20.46 1.62 0.00	22.21 1.65 0.00	22.45 1.59 0.00	23.05 1.37 0.00
HUDSON___115KV_TB 4 355613	19.07 0.94 0.00	21.26 0.87 0.00	21.75 0.82 0.00	21.07 0.80 0.00	19.65 0.85 0.00	20.05 0.97 0.00	22.27 1.11 0.00	21.75 1.21 0.00	21.42 1.18 0.00	22.87 1.16 0.00	21.97 1.05 0.00	21.61 0.99 0.00	20.89 0.99 0.00	20.04 1.04 0.00	20.81 1.00 0.00	20.83 0.97 0.00	30.63 1.45 0.00	55.03 2.89 0.00	46.61 2.53 0.00	22.74 1.24 0.00	20.00 1.16 0.00	21.72 1.15 0.00	21.94 1.08 0.00	22.64 0.96 0.00
HUNTER MOUNT___DRP 323613	19.18 1.05 0.00	21.40 1.01 0.00	21.90 0.97 0.00	21.21 0.94 0.00	19.79 0.99 0.00	20.18 1.10 0.00	22.42 1.25 0.00	21.88 1.34 0.00	21.56 1.32 0.00	22.98 1.28 0.00	22.07 1.15 0.00	21.69 1.06 0.00	20.98 1.08 0.00	20.14 1.14 0.00	20.87 1.07 0.00	20.88 1.01 0.00	30.72 1.54 0.00	55.28 3.14 0.00	46.89 2.80 0.00	22.85 1.36 0.00	20.09 1.25 0.00	21.81 1.25 0.00	22.03 1.17 0.00	22.74 1.06 0.00
HUNTINGTON_RES_REC 323705	19.47 1.33 0.00	21.60 1.20 0.00	22.02 1.09 0.00	21.31 1.05 0.00	19.86 1.07 0.00	20.41 1.33 0.00	22.78 1.62 0.00	22.27 1.73 0.00	21.99 1.75 0.00	23.74 2.04 0.00	22.92 2.00 0.00	22.52 1.90 0.00	22.99 2.01 -1.08	42.62 1.99 -21.63	32.20 2.10 -10.29	21.85 1.99 0.00	32.04 2.86 0.00	54.78 5.15 2.51	-23.49 4.20 71.78	23.69 2.19 0.00	8.95 1.93 11.82	22.64 2.07 0.00	22.85 2.00 0.00	23.55 1.87 0.00
HUNTLEY___63 23557	17.04 -1.09 0.00	19.21 -1.18 0.00	19.71 -1.22 0.00	18.93 -1.34 0.00	17.67 -1.12 0.00	18.06 -1.02 0.00	20.00 -1.16 0.00	19.24 -1.30 0.00	19.08 -1.16 0.00	20.41 -1.29 0.00	19.62 -1.30 0.00	19.60 -1.03 0.00	18.76 -1.14 0.00	17.82 -1.18 0.00	18.46 -1.34 0.00	18.58 -1.28 0.00	27.37 -1.81 0.00	49.04 -3.10 0.00	41.37 -2.72 0.00	19.88 -1.61 0.00	17.44 -1.40 0.00	19.06 -1.51 0.00	19.68 -1.17 0.00	20.70 -0.98 0.00
HUNTLEY___64 23558	17.04 -1.09 0.00	19.21 -1.18 0.00	19.71 -1.22 0.00	18.93 -1.34 0.00	17.67 -1.12 0.00	18.06 -1.02 0.00	20.00 -1.16 0.00	19.24 -1.30 0.00	19.08 -1.16 0.00	20.41 -1.29 0.00	19.62 -1.30 0.00	19.60 -1.03 0.00	18.76 -1.14 0.00	17.82 -1.18 0.00	18.46 -1.34 0.00	18.58 -1.28 0.00	27.37 -1.81 0.00	49.04 -3.10 0.00	41.37 -2.72 0.00	19.88 -1.61 0.00	17.44 -1.40 0.00	19.06 -1.51 0.00	19.68 -1.17 0.00	20.70 -0.98 0.00
HUNTLEY___65 23559	17.04 -1.09 0.00	19.21 -1.18 0.00	19.71 -1.22 0.00	18.93 -1.34 0.00	17.67 -1.12 0.00	18.06 -1.02 0.00	20.00 -1.16 0.00	19.24 -1.30 0.00	19.08 -1.16 0.00	20.41 -1.29 0.00	19.62 -1.30 0.00	19.60 -1.03 0.00	18.76 -1.14 0.00	17.82 -1.18 0.00	18.46 -1.34 0.00	18.58 -1.28 0.00	27.37 -1.81 0.00	49.04 -3.10 0.00	41.37 -2.72 0.00	19.88 -1.61 0.00	17.44 -1.40 0.00	19.06 -1.51 0.00	19.68 -1.17 0.00	20.70 -0.98 0.00
HUNTLEY___66 23560	17.04 -1.09 0.00	19.21 -1.18 0.00	19.71 -1.22 0.00	18.93 -1.34 0.00	17.67 -1.12 0.00	18.06 -1.02 0.00	20.00 -1.16 0.00	19.24 -1.30 0.00	19.08 -1.16 0.00	20.41 -1.29 0.00	19.62 -1.30 0.00	19.60 -1.03 0.00	18.76 -1.14 0.00	17.82 -1.18 0.00	18.46 -1.34 0.00	18.58 -1.28 0.00	27.37 -1.81 0.00	49.04 -3.10 0.00	41.37 -2.72 0.00	19.88 -1.61 0.00	17.44 -1.40 0.00	19.06 -1.51 0.00	19.68 -1.17 0.00	20.70 -0.98 0.00
HUNTLEY___67 23561	16.98 -1.16 0.00	19.13 -1.27 0.00	19.60 -1.33 0.00	18.84 -1.43 0.00	17.60 -1.20 0.00	17.95 -1.13 0.00	19.89 -1.28 0.00	19.21 -1.33 0.00	19.01 -1.23 0.00	20.36 -1.35 0.00	19.58 -1.34 0.00	19.56 -1.07 0.00	18.73 -1.17 0.00	17.80 -1.19 0.00	18.45 -1.35 0.00	18.57 -1.30 0.00	27.36 -1.82 0.00	48.96 -3.18 0.00	41.25 -2.83 0.00	19.83 -1.66 0.00	17.39 -1.45 0.00	19.01 -1.55 0.00	19.64 -1.22 0.00	20.65 -1.03 0.00
HUNTLEY___68 23562	16.98 -1.16 0.00	19.13 -1.27 0.00	19.60 -1.33 0.00	18.84 -1.43 0.00	17.60 -1.20 0.00	17.95 -1.13 0.00	19.89 -1.28 0.00	19.21 -1.33 0.00	19.01 -1.23 0.00	20.36 -1.35 0.00	19.58 -1.34 0.00	19.56 -1.07 0.00	18.73 -1.17 0.00	17.80 -1.19 0.00	18.45 -1.35 0.00	18.57 -1.30 0.00	27.36 -1.82 0.00	48.96 -3.18 0.00	41.25 -2.83 0.00	19.83 -1.66 0.00	17.39 -1.45 0.00	19.01 -1.55 0.00	19.64 -1.22 0.00	20.65 -1.03 0.00

HYLAND___LFGE 323620	18.58 0.44 -0.01	20.81 0.40 -0.01	21.43 0.28 -0.22	20.54 0.24 -0.04	19.19 0.40 0.00	19.79 0.54 -0.17	22.10 0.86 -0.07	21.50 0.95 0.00	20.98 0.74 0.00	21.94 0.24 0.00	20.75 -0.18 0.00	20.54 -0.09 0.00	19.64 -0.26 0.00	18.69 -0.30 0.00	19.32 -0.48 0.00	19.44 -0.42 0.00	28.82 -0.36 0.00	52.79 0.65 0.00	45.48 1.39 0.00	22.01 0.52 0.00	19.23 0.39 0.00	20.94 0.37 0.00	21.29 0.43 0.00	22.09 0.41 0.00
INDECK___CORINTH 23802	18.38 0.24 0.00	20.56 0.17 0.00	21.03 0.10 0.00	20.39 0.12 0.00	18.96 0.16 0.00	19.51 0.43 0.00	21.78 0.61 0.00	21.27 0.73 0.00	20.94 0.70 0.00	22.43 0.73 0.00	21.56 0.64 0.00	21.22 0.59 0.00	20.52 0.62 0.00	19.58 0.59 0.00	20.37 0.57 0.00	20.39 0.53 0.00	30.15 0.98 0.00	53.89 1.75 0.00	45.58 1.49 0.00	22.29 0.79 0.00	19.52 0.68 0.00	21.24 0.67 0.00	21.49 0.63 0.00	22.15 0.47 0.00
INDECK___ILION 23567	18.42 0.28 0.00	20.58 0.19 0.00	21.05 0.12 0.00	20.39 0.12 0.00	18.98 0.18 0.00	19.37 0.30 0.00	21.59 0.42 0.00	21.05 0.50 0.00	20.73 0.49 0.00	22.20 0.49 0.00	21.37 0.45 0.00	21.02 0.39 0.00	20.33 0.43 0.00	19.40 0.40 0.00	20.19 0.38 0.00	20.21 0.34 0.00	29.73 0.55 0.00	53.26 1.13 0.00	45.11 1.02 0.00	22.00 0.50 0.00	19.29 0.45 0.00	21.01 0.44 0.00	21.30 0.44 0.00	22.00 0.32 0.00
INDECK___OLEAN 23982	17.89 -0.05 0.19	20.15 -0.09 0.16	17.35 -0.18 3.40	19.41 -0.30 0.55	18.67 -0.13 0.00	16.41 -0.03 2.63	17.74 0.06 3.49	20.25 0.06 0.35	18.13 0.12 2.23	21.74 0.04 0.00	20.93 0.01 0.00	20.82 0.19 0.00	20.13 0.23 0.00	19.27 0.27 0.00	19.94 0.13 0.00	20.04 0.17 0.00	29.47 0.29 0.00	52.47 0.33 0.00	44.13 0.04 0.00	21.19 -0.30 0.00	18.59 -0.25 0.00	20.41 -0.16 0.00	21.09 0.23 0.00	21.94 0.26 0.00
INDECK___OSWEGO 23783	17.55 -0.59 0.00	19.64 -0.76 0.00	20.10 -0.83 0.00	19.47 -0.80 0.00	18.13 -0.66 0.00	18.48 -0.60 0.00	20.51 -0.66 0.00	19.92 -0.62 0.00	19.64 -0.60 0.00	21.03 -0.67 0.00	20.25 -0.67 0.00	19.97 -0.66 0.00	19.23 -0.67 0.00	18.37 -0.62 0.00	19.11 -0.70 0.00	19.18 -0.69 0.00	28.21 -0.97 0.00	50.53 -1.61 0.00	42.77 -1.32 0.00	20.77 -0.72 0.00	18.22 -0.62 0.00	19.85 -0.72 0.00	20.12 -0.74 0.00	20.88 -0.80 0.00
INDECK___YERKES 23781	16.91 -1.08 0.14	19.10 -1.17 0.12	17.08 -1.21 2.64	18.50 -1.34 0.43	17.70 -1.10 0.00	16.02 -1.02 2.04	17.28 -1.17 2.71	18.99 -1.28 0.27	17.36 -1.15 1.74	20.43 -1.27 0.00	19.63 -1.29 0.00	19.63 -1.00 0.00	18.78 -1.11 0.00	17.84 -1.16 0.00	18.48 -1.33 0.00	18.60 -1.26 0.00	27.40 -1.78 0.00	49.09 -3.05 0.00	41.41 -2.67 0.00	19.89 -1.60 0.00	17.46 -1.38 0.00	19.08 -1.48 0.00	19.70 -1.15 0.00	20.72 -0.96 0.00
INDIAN POINT_GT_1 24139	19.05 0.92 0.00	21.19 0.79 0.00	21.60 0.67 0.00	20.94 0.67 0.00	19.49 0.70 0.00	20.00 0.92 0.00	22.40 1.23 0.00	21.93 1.39 0.00	21.63 1.39 0.00	23.28 1.57 0.00	22.46 1.54 0.00	22.12 1.49 0.00	21.39 1.49 0.00	20.47 1.47 0.00	21.33 1.52 0.00	21.37 1.51 0.00	31.38 2.20 0.00	56.14 4.00 0.00	47.41 3.32 0.00	23.17 1.68 0.00	20.31 1.47 0.00	22.09 1.52 0.00	22.34 1.48 0.00	23.00 1.32 0.00
INDIAN POINT_GT_2 23659	19.05 0.92 0.00	21.19 0.79 0.00	21.60 0.67 0.00	20.94 0.67 0.00	19.49 0.70 0.00	20.00 0.92 0.00	22.40 1.23 0.00	21.93 1.39 0.00	21.63 1.39 0.00	23.28 1.57 0.00	22.46 1.54 0.00	22.12 1.49 0.00	21.39 1.49 0.00	20.47 1.47 0.00	21.33 1.52 0.00	21.37 1.51 0.00	31.38 2.20 0.00	56.14 4.00 0.00	47.41 3.32 0.00	23.17 1.68 0.00	20.31 1.47 0.00	22.09 1.52 0.00	22.34 1.48 0.00	23.00 1.32 0.00
INDIAN POINT_GT_3 24019	19.05 0.92 0.00	21.19 0.79 0.00	21.60 0.67 0.00	20.94 0.67 0.00	19.49 0.70 0.00	20.00 0.92 0.00	22.40 1.23 0.00	21.93 1.39 0.00	21.63 1.39 0.00	23.28 1.57 0.00	22.46 1.54 0.00	22.12 1.49 0.00	21.39 1.49 0.00	20.47 1.47 0.00	21.33 1.52 0.00	21.37 1.51 0.00	31.38 2.20 0.00	56.14 4.00 0.00	47.41 3.32 0.00	23.17 1.68 0.00	20.31 1.47 0.00	22.09 1.52 0.00	22.34 1.48 0.00	23.00 1.32 0.00
INDIAN POINT___2 23530	19.04 0.90 0.00	21.17 0.78 0.00	21.59 0.66 0.00	20.92 0.66 0.00	19.48 0.68 0.00	19.99 0.91 0.00	22.38 1.21 0.00	21.91 1.37 0.00	21.61 1.37 0.00	23.24 1.54 0.00	22.43 1.51 0.00	22.09 1.47 0.00	21.37 1.47 0.00	20.45 1.45 0.00	21.32 1.51 0.00	21.35 1.49 0.00	31.35 2.17 0.00	56.09 3.95 0.00	47.36 3.27 0.00	23.15 1.66 0.00	20.28 1.44 0.00	22.06 1.50 0.00	22.31 1.46 0.00	22.98 1.30 0.00
INDIAN POINT___3 23531	19.04 0.90 0.00	21.17 0.78 0.00	21.59 0.66 0.00	20.93 0.66 0.00	19.48 0.69 0.00	19.99 0.91 0.00	22.39 1.22 0.00	21.91 1.37 0.00	21.61 1.37 0.00	23.25 1.55 0.00	22.44 1.52 0.00	22.10 1.48 0.00	21.37 1.47 0.00	20.45 1.46 0.00	21.31 1.51 0.00	21.35 1.49 0.00	31.35 2.18 0.00	56.09 3.95 0.00	47.37 3.28 0.00	23.15 1.66 0.00	20.29 1.46 0.00	22.07 1.50 0.00	22.33 1.47 0.00	22.99 1.31 0.00
INGHAM_C_115KV_TB7 356103	18.53 0.40 0.00	20.62 0.22 0.00	21.02 0.09 0.00	20.37 0.10 0.00	19.01 0.21 0.00	19.50 0.42 0.00	21.79 0.62 0.00	21.33 0.78 0.00	20.98 0.74 0.00	22.41 0.70 0.00	21.57 0.65 0.00	21.16 0.53 0.00	20.49 0.59 0.00	19.55 0.55 0.00	20.33 0.52 0.00	20.31 0.45 0.00	29.93 0.75 0.00	53.76 1.62 0.00	45.58 1.50 0.00	22.23 0.73 0.00	19.51 0.67 0.00	21.24 0.67 0.00	21.55 0.69 0.00	22.13 0.45 0.00
IP CORINTH___1 23988	18.48 0.35 0.00	20.67 0.28 0.00	21.14 0.21 0.00	20.50 0.23 0.00	19.06 0.26 0.00	19.61 0.53 0.00	21.90 0.73 0.00	21.39 0.85 0.00	21.06 0.82 0.00	22.56 0.86 0.00	21.69 0.76 0.00	21.34 0.72 0.00	20.63 0.73 0.00	19.68 0.69 0.00	20.48 0.67 0.00	20.50 0.63 0.00	30.32 1.15 0.00	54.17 2.03 0.00	45.83 1.75 0.00	22.41 0.91 0.00	19.62 0.78 0.00	21.35 0.79 0.00	21.61 0.75 0.00	22.27 0.59 0.00
IP___TICONDEROGA 23804	18.97 0.83 0.00	21.31 0.91 0.00	21.81 0.88 0.00	21.18 0.91 0.00	19.66 0.87 0.00	20.55 1.48 0.00	23.02 1.85 0.00	22.57 2.03 0.00	22.11 1.87 0.00	23.63 1.93 0.00	22.62 1.70 0.00	22.23 1.60 0.00	21.44 1.54 0.00	20.40 1.41 0.00	21.17 1.37 0.00	21.23 1.37 0.00	31.82 2.64 0.00	56.56 4.42 0.00	47.95 3.86 0.00	23.46 1.97 0.00	20.43 1.59 0.00	22.25 1.69 0.00	22.60 1.75 0.00	23.20 1.52 0.00
ISLIP_RES_REC 323679	19.70 1.56 0.00	21.80 1.41 0.00	22.24 1.31 0.00	21.52 1.26 0.00	20.06 1.27 0.00	20.62 1.54 0.00	22.98 1.81 0.00	22.46 1.92 0.00	22.17 1.93 0.00	23.90 2.20 0.00	23.13 2.14 -0.07	22.94 2.00 -0.31	23.32 2.14 -1.27	43.47 2.12 -22.35	32.36 2.26 -10.29	22.00 2.13 0.00	32.27 3.09 0.00	62.91 5.76 -5.01	191.89 4.62 -143.18	23.86 2.37 0.00	44.64 2.15 -23.65	22.87 2.31 0.00	23.11 2.25 0.00	23.81 2.13 0.00

JAMAICA__27_KV_LOAD 355505	19.26 1.13 0.00	21.35 0.95 0.00	21.73 0.80 0.00	21.11 0.84 0.00	19.77 0.97 -0.01	20.31 1.24 0.00	22.75 1.58 0.00	22.30 1.76 0.00	21.99 1.75 0.00	23.70 2.00 0.00	22.77 1.85 0.00	22.40 1.78 0.00	21.65 1.75 0.00	20.73 1.73 0.00	21.61 1.80 0.00	21.67 1.81 0.00	31.82 2.65 0.00	56.93 4.79 0.00	48.04 3.95 0.00	23.51 2.02 0.00	20.62 1.78 0.00	22.36 1.80 0.00	22.61 1.76 0.00	23.21 1.53 0.00
JANIS__SOLAR 323808	18.94 0.77 -0.04	21.23 0.80 -0.03	22.37 0.73 -0.70	21.11 0.73 -0.11	19.61 0.82 0.00	20.58 0.96 -0.54	23.13 1.24 -0.72	21.95 1.33 -0.07	22.01 1.31 -0.46	22.90 1.20 0.00	22.53 1.61 0.00	22.11 1.48 0.00	20.66 0.76 0.00	19.54 0.55 0.00	20.26 0.46 0.00	20.44 0.58 0.00	30.47 1.30 0.00	55.09 2.95 0.00	46.81 2.72 0.00	22.65 1.15 0.00	19.80 0.96 0.00	21.48 0.91 0.00	21.78 0.93 0.00	22.56 0.88 0.00
JARVIS____ 23743	18.27 0.13 0.00	20.47 0.08 0.00	20.99 0.06 0.00	20.33 0.06 0.00	18.89 0.09 0.00	19.23 0.15 0.00	21.36 0.20 0.00	20.77 0.22 0.00	20.46 0.22 0.00	21.94 0.24 0.00	21.15 0.23 0.00	20.84 0.21 0.00	20.12 0.22 0.00	19.22 0.22 0.00	20.02 0.22 0.00	20.06 0.20 0.00	29.47 0.29 0.00	52.71 0.57 0.00	44.58 0.49 0.00	21.73 0.24 0.00	19.06 0.22 0.00	20.77 0.20 0.00	21.04 0.19 0.00	21.84 0.16 0.00
JENNISON____1 23625	19.00 0.87 0.00	21.38 0.98 0.00	21.85 0.92 0.00	21.19 0.92 0.00	19.79 1.00 0.00	20.23 1.16 0.00	22.61 1.44 0.00	22.10 1.56 0.00	21.82 1.58 0.00	23.28 1.58 0.00	22.06 1.14 0.00	21.71 1.09 0.00	21.14 1.24 0.00	20.14 1.14 0.00	20.85 1.05 0.00	20.95 1.09 0.00	31.05 1.87 0.00	55.78 3.64 0.00	47.29 3.20 0.00	22.92 1.43 0.00	19.90 1.06 0.00	21.49 0.92 0.00	21.90 1.05 0.00	22.69 1.01 0.00
JENNISON____2 23626	19.00 0.87 0.00	21.38 0.98 0.00	21.85 0.92 0.00	21.19 0.92 0.00	19.79 1.00 0.00	20.23 1.16 0.00	22.61 1.44 0.00	22.10 1.56 0.00	21.82 1.58 0.00	23.28 1.58 0.00	22.06 1.14 0.00	21.71 1.09 0.00	21.14 1.24 0.00	20.14 1.14 0.00	20.85 1.05 0.00	20.95 1.09 0.00	31.05 1.87 0.00	55.78 3.64 0.00	47.29 3.20 0.00	22.92 1.43 0.00	19.90 1.06 0.00	21.49 0.92 0.00	21.90 1.05 0.00	22.69 1.01 0.00
JERICOHO_RISE_WT_PWR 323719	18.37 0.24 0.00	20.87 0.48 0.00	21.66 0.73 0.00	21.07 0.80 0.00	19.34 0.54 0.00	19.41 0.34 0.00	21.59 0.42 0.00	20.87 0.33 0.00	20.41 0.17 0.00	21.81 0.10 0.00	21.05 0.13 0.00	20.70 0.07 0.00	19.85 -0.05 0.00	18.90 -0.09 0.00	19.84 0.03 0.00	20.08 0.22 0.00	29.28 0.10 0.00	51.82 -0.32 0.00	43.75 -0.34 0.00	21.25 -0.24 0.00	18.58 -0.26 0.00	20.38 -0.19 0.00	20.73 -0.13 0.00	21.76 0.08 0.00
KATONAH__115KV_46KV_TB4 355592	19.18 1.05 0.00	21.33 0.94 0.00	21.75 0.82 0.00	21.07 0.81 0.00	19.63 0.83 0.00	20.15 1.07 0.00	22.57 1.40 0.00	22.09 1.55 0.00	21.80 1.56 0.00	23.45 1.75 0.00	22.63 1.71 0.00	22.28 1.66 0.00	21.55 1.65 0.00	20.61 1.61 0.00	21.47 1.66 0.00	21.51 1.65 0.00	31.60 2.42 0.00	56.52 4.38 0.00	47.75 3.66 0.00	23.35 1.86 0.00	20.46 1.62 0.00	22.24 1.68 0.00	22.49 1.63 0.00	23.14 1.46 0.00
KCE_NY_1 323755	18.88 0.75 0.00	21.11 0.72 0.00	21.58 0.65 0.00	20.91 0.65 0.00	19.45 0.65 0.00	19.94 0.87 0.00	22.25 1.08 0.00	21.71 1.17 0.00	21.40 1.16 0.00	22.93 1.23 0.00	22.06 1.14 0.00	21.73 1.10 0.00	21.01 1.11 0.00	20.05 1.06 0.00	20.88 1.08 0.00	20.89 1.03 0.00	30.77 1.59 0.00	55.00 2.86 0.00	46.52 2.43 0.00	22.73 1.23 0.00	19.94 1.10 0.00	21.69 1.12 0.00	21.92 1.07 0.00	22.66 0.98 0.00
KCE_NY_6_ESR 323823	17.15 -0.82 0.16	19.35 -0.90 0.14	16.98 -0.98 2.98	18.68 -1.10 0.49	17.94 -0.86 0.00	15.98 -0.80 2.30	17.23 -0.89 3.06	19.32 -0.91 0.31	17.46 -0.83 1.95	20.80 -0.90 0.00	19.98 -0.94 0.00	19.95 -0.67 0.00	19.12 -0.78 0.00	18.18 -0.81 0.00	18.84 -0.96 0.00	18.96 -0.90 0.00	27.95 -1.23 0.00	50.07 -2.07 0.00	42.18 -1.91 0.00	20.25 -1.25 0.00	17.75 -1.09 0.00	19.41 -1.16 0.00	20.04 -0.81 0.00	21.04 -0.64 0.00
KEDC PORT_JEFF_GT2 24210	19.60 1.47 0.00	21.70 1.31 0.00	22.14 1.21 0.00	21.42 1.15 0.00	19.97 1.17 0.00	20.52 1.45 0.00	22.86 1.70 0.00	22.35 1.81 0.00	22.05 1.81 0.00	23.77 2.07 0.00	22.80 2.02 0.15	21.82 1.88 0.69	22.57 2.02 -0.65	41.03 2.01 -20.02	32.23 2.13 -10.29	21.87 2.01 0.00	32.09 2.91 0.00	63.76 5.29 -6.33	229.21 4.34 -180.78	23.73 2.24 0.00	50.69 1.99 -29.86	22.76 2.19 0.00	22.99 2.14 0.00	23.69 2.02 0.00
KEDC PORT_JEFF_GT3 24211	19.60 1.47 0.00	21.70 1.31 0.00	22.14 1.21 0.00	21.42 1.15 0.00	19.97 1.17 0.00	20.52 1.45 0.00	22.86 1.70 0.00	22.35 1.81 0.00	22.05 1.81 0.00	23.77 2.07 0.00	22.80 2.02 0.15	21.82 1.88 0.69	22.57 2.02 -0.65	41.03 2.01 -20.02	32.23 2.13 -10.29	21.87 2.01 0.00	32.09 2.91 0.00	63.76 5.29 -6.33	229.21 4.34 -180.78	23.73 2.24 0.00	50.69 1.99 -29.86	22.76 2.19 0.00	22.99 2.14 0.00	23.69 2.02 0.00
KEDC_GLWD_GT4 24219	19.45 1.32 0.00	21.59 1.19 0.00	22.00 1.07 0.00	21.30 1.03 0.00	19.85 1.05 0.00	20.39 1.32 0.00	22.80 1.63 0.00	22.29 1.75 0.00	22.03 1.79 0.00	23.77 2.07 0.00	22.95 2.03 0.00	22.63 2.00 0.00	23.02 2.04 -1.08	42.64 2.01 -21.63	32.20 2.10 -10.29	21.89 2.02 0.00	32.06 2.88 0.00	56.85 4.71 0.00	47.94 3.85 0.00	23.68 2.18 0.00	20.77 1.93 0.00	22.61 2.05 0.00	22.84 1.98 0.00	23.51 1.83 0.00
KEDC_GLWD_GT5 24220	19.45 1.32 0.00	21.59 1.19 0.00	22.00 1.07 0.00	21.30 1.03 0.00	19.85 1.05 0.00	20.39 1.32 0.00	22.80 1.63 0.00	22.29 1.75 0.00	22.03 1.79 0.00	23.77 2.07 0.00	22.95 2.03 0.00	22.63 2.00 0.00	23.02 2.04 -1.08	42.64 2.01 -21.63	32.20 2.10 -10.29	21.89 2.02 0.00	32.06 2.88 0.00	56.85 4.71 0.00	47.94 3.85 0.00	23.68 2.18 0.00	20.77 1.93 0.00	22.61 2.05 0.00	22.84 1.98 0.00	23.51 1.83 0.00
KENSICO____ 23655	19.09 0.96 0.00	21.22 0.83 0.00	21.64 0.71 0.00	20.97 0.71 0.00	19.53 0.74 0.00	20.04 0.96 0.00	22.44 1.27 0.00	21.97 1.43 0.00	21.68 1.44 0.00	23.33 1.63 0.00	22.51 1.59 0.00	22.17 1.55 0.00	21.45 1.55 0.00	20.53 1.53 0.00	21.39 1.58 0.00	21.43 1.56 0.00	31.46 2.28 0.00	56.26 4.12 0.00	47.50 3.41 0.00	23.23 1.74 0.00	20.36 1.52 0.00	22.14 1.57 0.00	22.39 1.53 0.00	23.04 1.36 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.21 1.08 0.00	21.39 1.00 0.00	21.83 0.90 0.00	21.14 0.87 0.00	19.68 0.89 0.00	20.22 1.14 0.00	22.69 1.52 0.00	22.24 1.70 0.00	21.99 1.75 0.00	23.66 1.96 0.00	22.77 1.85 0.00	22.30 1.67 0.00	21.31 1.41 0.00	20.32 1.32 0.00	21.20 1.39 0.00	21.33 1.47 0.00	31.50 2.32 0.00	56.49 4.35 0.00	47.82 3.73 0.00	23.36 1.87 0.00	20.63 1.79 0.00	22.43 1.86 0.00	22.68 1.82 0.00	23.35 1.67 0.00

KIAC_JFK_GT1 23816	19.20 1.06 0.00	21.28 0.89 0.00	21.66 0.73 0.00	21.04 0.78 0.00	19.71 0.91 -0.01	20.25 1.17 0.00	22.67 1.50 0.00	22.23 1.69 0.00	21.92 1.68 0.00	23.61 1.91 0.00	22.69 1.77 0.00	22.32 1.70 0.00	21.58 1.68 0.00	20.66 1.67 0.00	21.53 1.73 0.00	21.59 1.73 0.00	31.71 2.53 0.00	56.72 4.58 0.00	47.86 3.77 0.00	23.42 1.93 0.00	20.55 1.71 0.00	22.29 1.72 0.00	22.53 1.67 0.00	23.13 1.46 0.00
KIAC_JFK_GT2 23817	19.20 1.06 0.00	21.28 0.89 0.00	21.66 0.73 0.00	21.04 0.78 0.00	19.71 0.91 -0.01	20.25 1.17 0.00	22.67 1.50 0.00	22.23 1.69 0.00	21.92 1.68 0.00	23.61 1.91 0.00	22.69 1.77 0.00	22.32 1.70 0.00	21.58 1.68 0.00	20.66 1.67 0.00	21.53 1.73 0.00	21.59 1.73 0.00	31.71 2.53 0.00	56.72 4.58 0.00	47.86 3.77 0.00	23.42 1.93 0.00	20.55 1.71 0.00	22.29 1.72 0.00	22.53 1.67 0.00	23.13 1.46 0.00
KIAC_JFK____ 323774	19.20 1.06 0.00	21.28 0.89 0.00	21.67 0.73 0.00	21.04 0.77 0.00	19.71 0.90 -0.01	20.25 1.18 0.00	22.67 1.50 0.00	22.23 1.69 0.00	21.92 1.68 0.00	23.61 1.91 0.00	22.69 1.77 0.00	22.32 1.70 0.00	21.58 1.68 0.00	20.66 1.67 0.00	21.55 1.74 0.00	21.60 1.74 0.00	31.71 2.53 0.00	56.72 4.58 0.00	47.86 3.77 0.00	23.43 1.93 0.00	20.55 1.71 0.00	22.29 1.73 0.00	22.53 1.68 0.00	23.13 1.46 0.00
KINTIGH____ 23543	16.89 -1.24 0.00	19.02 -1.37 0.00	19.47 -1.46 0.00	18.75 -1.51 0.00	17.51 -1.29 0.00	17.85 -1.23 0.00	19.78 -1.39 0.00	19.13 -1.41 0.00	18.92 -1.32 0.00	20.24 -1.47 0.00	19.47 -1.45 0.00	19.42 -1.21 0.00	18.63 -1.27 0.00	17.73 -1.27 0.00	18.38 -1.43 0.00	18.49 -1.37 0.00	27.24 -1.94 0.00	48.75 -3.39 0.00	41.09 -3.00 0.00	19.80 -1.69 0.00	17.37 -1.47 0.00	18.98 -1.59 0.00	19.54 -1.32 0.00	20.49 -1.19 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.71 0.57 0.00	21.22 0.83 0.00	22.01 1.07 0.00	21.44 1.17 0.00	19.70 0.91 0.00	19.82 0.74 0.00	22.08 0.91 0.00	21.34 0.80 0.00	20.84 0.59 0.00	22.25 0.54 0.00	21.42 0.50 0.00	21.05 0.43 0.00	20.17 0.27 0.00	19.25 0.25 0.00	20.17 0.37 0.00	20.49 0.62 0.00	29.97 0.79 0.00	53.03 0.89 0.00	44.81 0.72 0.00	21.73 0.23 0.00	18.98 0.14 0.00	20.80 0.23 0.00	21.16 0.30 0.00	22.15 0.47 0.00
LACHUTE____HYDRO 323717	18.97 0.83 0.00	21.31 0.91 0.00	21.81 0.88 0.00	21.17 0.91 0.00	19.66 0.86 0.00	20.55 1.48 0.00	23.02 1.85 0.00	22.57 2.03 0.00	22.11 1.87 0.00	23.63 1.93 0.00	22.62 1.70 0.00	22.23 1.60 0.00	21.44 1.54 0.00	20.40 1.41 0.00	21.17 1.37 0.00	21.23 1.37 0.00	31.81 2.64 0.00	56.57 4.42 0.00	47.95 3.86 0.00	23.46 1.97 0.00	20.43 1.59 0.00	22.25 1.69 0.00	22.60 1.75 0.00	23.20 1.52 0.00
LAWRNCV_115KV_TB1 80681	17.91 -0.22 0.00	20.38 -0.01 0.00	21.07 0.14 0.00	20.39 0.13 0.00	18.70 -0.09 0.00	18.73 -0.35 0.00	20.75 -0.42 0.00	20.03 -0.51 0.00	19.69 -0.55 0.00	21.14 -0.57 0.00	20.35 -0.57 0.00	20.02 -0.60 0.00	19.25 -0.65 0.00	18.30 -0.70 0.00	19.19 -0.61 0.00	19.26 -0.61 0.00	28.34 -0.83 0.00	50.64 -1.50 0.00	42.87 -1.22 0.00	20.82 -0.67 0.00	18.20 -0.64 0.00	19.98 -0.58 0.00	20.35 -0.50 0.00	21.33 -0.35 0.00
LEDERLE____ 23769	19.11 0.98 0.00	21.26 0.86 0.00	21.68 0.75 0.00	21.02 0.75 0.00	19.56 0.77 0.00	20.07 0.99 0.00	22.48 1.32 0.00	22.02 1.48 0.00	21.71 1.47 0.00	23.36 1.66 0.00	22.55 1.62 0.00	22.21 1.58 0.00	21.47 1.57 0.00	20.55 1.55 0.00	21.41 1.61 0.00	21.45 1.59 0.00	31.52 2.34 0.00	56.40 4.26 0.00	47.63 3.54 0.00	23.27 1.77 0.00	20.38 1.54 0.00	22.17 1.60 0.00	22.42 1.57 0.00	23.09 1.42 0.00
LIGHTHSE_115KV_TB6 355974	17.71 -0.42 0.00	19.87 -0.53 0.00	20.38 -0.55 0.00	19.73 -0.54 0.00	18.35 -0.44 0.00	18.72 -0.36 0.00	20.84 -0.33 0.00	20.22 -0.32 0.00	19.94 -0.30 0.00	21.38 -0.32 0.00	20.55 -0.37 0.00	20.18 -0.45 0.00	19.40 -0.50 0.00	18.49 -0.50 0.00	19.27 -0.54 0.00	19.27 -0.59 0.00	28.39 -0.79 0.00	51.10 -1.04 0.00	43.42 -0.67 0.00	20.96 -0.53 0.00	18.40 -0.44 0.00	20.05 -0.52 0.00	20.30 -0.56 0.00	21.02 -0.66 0.00
LINDEN COGEN____ 23786	19.04 0.91 0.00	21.12 0.72 0.00	21.51 0.57 0.00	20.86 0.59 0.00	19.43 0.63 0.00	19.96 0.88 0.00	22.38 1.21 0.00	21.92 1.38 0.00	21.63 1.39 0.00	23.31 1.61 0.00	22.49 1.57 0.00	22.14 1.51 0.00	21.41 1.51 0.00	20.50 1.51 0.00	21.38 1.57 0.00	21.40 1.54 0.00	31.42 2.24 0.00	56.21 4.07 0.00	47.45 3.35 0.00	23.24 1.74 0.00	20.36 1.52 0.00	22.12 1.56 0.00	22.36 1.50 0.00	22.97 1.29 0.00
LINDHRST_69_KV_BK1 356055	19.58 1.45 0.00	21.71 1.31 0.00	22.13 1.20 0.00	21.42 1.15 0.00	19.96 1.16 0.00	20.51 1.43 0.00	22.89 1.73 0.00	22.37 1.83 0.00	22.12 1.88 0.00	23.87 2.17 0.00	23.05 2.13 0.00	22.67 2.05 0.00	23.13 2.15 -1.08	42.75 2.12 -21.63	32.33 2.23 -10.29	21.98 2.12 0.00	32.24 3.06 0.00	57.90 5.45 -0.31	57.33 4.39 -8.85	23.81 2.32 0.00	22.36 2.06 -1.46	22.78 2.22 0.00	23.00 2.14 0.00	23.68 2.00 0.00
LIPA_MISC_IPP 23656	19.58 1.45 0.00	21.67 1.28 0.00	22.10 1.17 0.00	21.39 1.13 0.00	19.94 1.14 0.00	20.49 1.41 0.00	22.81 1.64 0.00	22.29 1.75 0.00	21.97 1.73 0.00	23.63 1.93 0.00	20.71 1.88 2.09	12.43 1.72 9.91	16.67 1.87 5.10	19.45 1.87 1.41	32.07 1.97 -10.29	21.72 1.85 0.00	31.89 2.71 0.00	63.30 5.27 -5.89	216.47 4.16 -168.22	23.62 2.12 0.00	48.65 2.02 -27.80	22.69 2.13 0.00	22.94 2.09 0.00	23.65 1.97 0.00
LISF__SOLAR 323691	19.62 1.49 0.00	21.71 1.32 0.00	22.15 1.21 0.00	21.42 1.15 0.00	19.98 1.18 0.00	20.53 1.45 0.00	22.85 1.68 0.00	22.32 1.78 0.00	22.01 1.77 0.00	23.67 1.96 0.00	20.49 1.91 2.33	11.29 1.74 11.08	15.96 1.90 5.83	16.77 1.89 4.12	32.12 2.02 -10.29	21.75 1.89 0.00	31.95 2.77 0.00	63.39 5.40 -5.84	215.23 4.27 -166.87	23.66 2.17 0.00	48.47 2.05 -27.57	22.74 2.17 0.00	22.99 2.13 0.00	23.70 2.03 0.00
LITTLE FALLS____HYD 24013	18.53 0.40 0.00	20.62 0.22 0.00	21.02 0.09 0.00	20.37 0.10 0.00	19.01 0.21 0.00	19.50 0.42 0.00	21.79 0.62 0.00	21.33 0.78 0.00	20.98 0.74 0.00	22.41 0.70 0.00	21.57 0.65 0.00	21.16 0.53 0.00	20.49 0.59 0.00	19.55 0.55 0.00	20.33 0.52 0.00	20.31 0.45 0.00	29.93 0.75 0.00	53.76 1.62 0.00	45.58 1.50 0.00	22.23 0.73 0.00	19.51 0.67 0.00	21.24 0.67 0.00	21.55 0.69 0.00	22.13 0.45 0.00
LITTLRIV_115KV_TB1 356100	18.12 -0.02 0.00	20.62 0.23 0.00	21.32 0.39 0.00	20.63 0.36 0.00	18.92 0.13 0.00	18.95 -0.13 0.00	21.00 -0.16 0.00	20.28 -0.26 0.00	19.93 -0.31 0.00	21.38 -0.32 0.00	20.58 -0.34 0.00	20.23 -0.39 0.00	19.44 -0.46 0.00	18.46 -0.54 0.00	19.40 -0.41 0.00	19.48 -0.39 0.00	28.74 -0.43 0.00	51.39 -0.75 0.00	43.49 -0.60 0.00	21.11 -0.38 0.00	18.45 -0.39 0.00	20.26 -0.31 0.00	20.63 -0.23 0.00	21.61 -0.07 0.00

LI_NEWBRDGE___DRP 323616	19.28 1.15 0.00	21.40 1.01 0.00	21.82 0.88 0.00	21.12 0.86 0.00	19.68 0.88 0.00	20.22 1.14 0.00	22.59 1.42 0.00	22.08 1.54 0.00	21.80 1.56 0.00	23.52 1.82 0.00	22.72 1.80 0.00	22.37 1.75 0.00	22.80 1.82 -1.08	42.42 1.80 -21.63	31.96 1.86 -10.29	21.65 1.79 0.00	31.74 2.56 0.00	56.66 4.52 0.00	47.76 3.67 0.00	23.44 1.95 0.00	20.56 1.72 0.00	22.40 1.83 0.00	22.62 1.77 0.00	23.30 1.62 0.00
LOCKPORT_115KV_TB60_63_64 80432	16.89 -1.25 0.00	19.01 -1.38 0.00	19.52 -1.41 0.00	18.73 -1.53 0.00	17.49 -1.30 0.00	17.90 -1.18 0.00	19.79 -1.38 0.00	19.07 -1.47 0.00	18.87 -1.37 0.00	20.18 -1.52 0.00	19.39 -1.53 0.00	19.37 -1.25 0.00	18.54 -1.36 0.00	17.61 -1.38 0.00	18.25 -1.56 0.00	18.37 -1.49 0.00	27.09 -2.08 0.00	48.58 -3.57 0.00	40.96 -3.14 0.00	19.69 -1.80 0.00	17.28 -1.56 0.00	18.88 -1.68 0.00	19.52 -1.34 0.00	20.56 -1.11 0.00
LOCKPORT___CC1 323769	16.74 -1.26 0.13	18.89 -1.39 0.11	17.10 -1.44 2.40	18.32 -1.56 0.39	17.49 -1.30 0.00	16.00 -1.22 1.86	17.28 -1.42 2.47	18.81 -1.48 0.25	17.27 -1.39 1.58	20.18 -1.53 0.00	19.38 -1.54 0.00	19.38 -1.25 0.00	18.54 -1.36 0.00	17.62 -1.38 0.00	18.24 -1.56 0.00	18.38 -1.49 0.00	27.09 -2.09 0.00	48.57 -3.58 0.00	40.93 -3.16 0.00	19.67 -1.82 0.00	17.26 -1.58 0.00	18.87 -1.70 0.00	19.51 -1.35 0.00	20.55 -1.13 0.00
LOCKPORT___CC2 323770	16.74 -1.26 0.13	18.89 -1.39 0.11	17.10 -1.44 2.40	18.32 -1.56 0.39	17.49 -1.30 0.00	16.00 -1.22 1.86	17.28 -1.42 2.47	18.81 -1.48 0.25	17.27 -1.39 1.58	20.18 -1.53 0.00	19.38 -1.54 0.00	19.38 -1.25 0.00	18.54 -1.36 0.00	17.62 -1.38 0.00	18.24 -1.56 0.00	18.38 -1.49 0.00	27.09 -2.09 0.00	48.57 -3.58 0.00	40.93 -3.16 0.00	19.67 -1.82 0.00	17.26 -1.58 0.00	18.87 -1.70 0.00	19.51 -1.35 0.00	20.55 -1.13 0.00
LOCKPORT___CC3 323771	16.74 -1.26 0.13	18.89 -1.39 0.11	17.10 -1.44 2.40	18.32 -1.56 0.39	17.49 -1.30 0.00	16.00 -1.22 1.86	17.28 -1.42 2.47	18.81 -1.48 0.25	17.27 -1.39 1.58	20.18 -1.53 0.00	19.38 -1.54 0.00	19.38 -1.25 0.00	18.54 -1.36 0.00	17.62 -1.38 0.00	18.24 -1.56 0.00	18.38 -1.49 0.00	27.09 -2.09 0.00	48.57 -3.58 0.00	40.93 -3.16 0.00	19.67 -1.82 0.00	17.26 -1.58 0.00	18.87 -1.70 0.00	19.51 -1.35 0.00	20.55 -1.13 0.00
LONG_LAKE_PHOENIX 24014	17.61 -0.52 0.00	19.70 -0.70 0.00	20.15 -0.78 0.00	19.51 -0.75 0.00	18.19 -0.61 0.00	18.54 -0.54 0.00	20.58 -0.59 0.00	20.00 -0.54 0.00	19.72 -0.52 0.00	21.10 -0.61 0.00	20.29 -0.63 0.00	20.02 -0.61 0.00	19.28 -0.62 0.00	18.43 -0.57 0.00	19.17 -0.64 0.00	19.25 -0.61 0.00	28.37 -0.81 0.00	50.76 -1.38 0.00	42.95 -1.13 0.00	20.88 -0.62 0.00	18.30 -0.54 0.00	19.93 -0.64 0.00	20.21 -0.64 0.00	20.97 -0.70 0.00
LOVETT___3 23632	19.03 0.89 0.00	21.17 0.77 0.00	21.58 0.65 0.00	20.92 0.65 0.00	19.47 0.68 0.00	19.97 0.89 0.00	22.37 1.21 0.00	21.90 1.36 0.00	21.59 1.35 0.00	23.23 1.53 0.00	22.43 1.50 0.00	22.08 1.46 0.00	21.36 1.46 0.00	20.44 1.44 0.00	21.30 1.49 0.00	21.34 1.48 0.00	31.35 2.17 0.00	56.09 3.95 0.00	47.37 3.28 0.00	23.14 1.65 0.00	20.28 1.44 0.00	22.05 1.48 0.00	22.31 1.46 0.00	22.98 1.30 0.00
LOVETT___4 23642	19.03 0.89 0.00	21.17 0.77 0.00	21.58 0.65 0.00	20.92 0.65 0.00	19.47 0.68 0.00	19.97 0.89 0.00	22.37 1.21 0.00	21.90 1.36 0.00	21.59 1.35 0.00	23.23 1.53 0.00	22.43 1.50 0.00	22.08 1.46 0.00	21.36 1.46 0.00	20.44 1.44 0.00	21.30 1.49 0.00	21.34 1.48 0.00	31.35 2.17 0.00	56.09 3.95 0.00	47.37 3.28 0.00	23.14 1.65 0.00	20.28 1.44 0.00	22.05 1.48 0.00	22.31 1.46 0.00	22.98 1.30 0.00
LOVETT___5 23593	19.03 0.89 0.00	21.17 0.77 0.00	21.58 0.65 0.00	20.92 0.65 0.00	19.47 0.68 0.00	19.97 0.89 0.00	22.37 1.21 0.00	21.90 1.36 0.00	21.59 1.35 0.00	23.23 1.53 0.00	22.43 1.50 0.00	22.08 1.46 0.00	21.36 1.46 0.00	20.44 1.44 0.00	21.30 1.49 0.00	21.34 1.48 0.00	31.35 2.17 0.00	56.09 3.95 0.00	47.37 3.28 0.00	23.14 1.65 0.00	20.28 1.44 0.00	22.05 1.48 0.00	22.31 1.46 0.00	22.98 1.30 0.00
LOWER RAQUET___HYD 24057	17.87 -0.27 0.00	20.34 -0.05 0.00	21.03 0.10 0.00	20.35 0.08 0.00	18.65 -0.15 0.00	18.66 -0.42 0.00	20.68 -0.49 0.00	19.97 -0.57 0.00	19.63 -0.61 0.00	21.06 -0.64 0.00	20.28 -0.64 0.00	19.94 -0.68 0.00	19.16 -0.74 0.00	18.21 -0.79 0.00	19.10 -0.70 0.00	19.17 -0.69 0.00	28.22 -0.95 0.00	50.45 -1.70 0.00	42.70 -1.38 0.00	20.74 -0.75 0.00	18.12 -0.72 0.00	19.90 -0.67 0.00	20.28 -0.58 0.00	21.25 -0.43 0.00
LOWER___HUDSON 24059	18.85 0.72 0.00	21.05 0.65 0.00	21.53 0.60 0.00	20.86 0.59 0.00	19.40 0.61 0.00	19.85 0.77 0.00	22.11 0.94 0.00	21.57 1.02 0.00	21.26 1.02 0.00	22.76 1.06 0.00	21.92 1.01 0.00	21.60 0.97 0.00	20.90 1.00 0.00	19.96 0.97 0.00	20.78 0.98 0.00	20.81 0.95 0.00	30.55 1.37 0.00	54.54 2.40 0.00	46.12 2.03 0.00	22.55 1.05 0.00	19.82 0.98 0.00	21.57 1.01 0.00	21.82 0.96 0.00	22.54 0.86 0.00
LOWVILLE_115KV_TB2 356335	18.21 0.08 0.00	20.52 0.13 0.00	21.18 0.25 0.00	20.51 0.25 0.00	19.00 0.20 0.00	19.34 0.27 0.00	21.62 0.45 0.00	21.00 0.46 0.00	20.69 0.45 0.00	22.15 0.45 0.00	21.23 0.31 0.00	20.74 0.12 0.00	19.92 0.02 0.00	18.91 -0.09 0.00	19.71 -0.09 0.00	19.66 -0.20 0.00	29.02 -0.16 0.00	52.53 0.39 0.00	44.92 0.83 0.00	21.48 -0.02 0.00	18.81 -0.03 0.00	20.50 -0.06 0.00	20.68 -0.18 0.00	21.43 -0.25 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	18.88 0.75 0.00	21.11 0.72 0.00	21.59 0.66 0.00	20.92 0.65 0.00	19.46 0.66 0.00	19.94 0.86 0.00	22.24 1.08 0.00	21.69 1.15 0.00	21.38 1.14 0.00	22.90 1.20 0.00	22.04 1.12 0.00	21.71 1.08 0.00	20.99 1.09 0.00	20.04 1.04 0.00	20.86 1.05 0.00	20.88 1.01 0.00	30.75 1.57 0.00	54.96 2.82 0.00	46.48 2.39 0.00	22.70 1.21 0.00	19.92 1.08 0.00	21.68 1.11 0.00	21.92 1.07 0.00	22.65 0.97 0.00
LUTHERNY_35_KV_BK2 355980	18.88 0.75 0.00	21.11 0.72 0.00	21.58 0.65 0.00	20.91 0.65 0.00	19.45 0.65 0.00	19.95 0.87 0.00	22.25 1.09 0.00	21.71 1.17 0.00	21.39 1.15 0.00	22.93 1.23 0.00	22.06 1.14 0.00	21.73 1.10 0.00	21.01 1.11 0.00	20.05 1.06 0.00	20.88 1.08 0.00	20.89 1.03 0.00	30.77 1.59 0.00	55.01 2.87 0.00	46.52 2.43 0.00	22.73 1.23 0.00	19.94 1.10 0.00	21.69 1.12 0.00	21.92 1.07 0.00	22.65 0.98 0.00
LWR___OSWEGATCHIE_HYD 23850	17.93 -0.20 0.00	20.31 -0.08 0.00	20.98 0.04 0.00	20.31 0.04 0.00	18.71 -0.09 0.00	18.88 -0.19 0.00	21.03 -0.14 0.00	20.38 -0.16 0.00	20.05 -0.19 0.00	21.50 -0.20 0.00	20.65 -0.27 0.00	20.23 -0.39 0.00	19.43 -0.47 0.00	18.46 -0.54 0.00	19.31 -0.50 0.00	19.31 -0.56 0.00	28.46 -0.72 0.00	51.22 -0.93 0.00	43.58 -0.52 0.00	20.99 -0.51 0.00	18.36 -0.48 0.00	20.09 -0.48 0.00	20.37 -0.49 0.00	21.21 -0.47 0.00

LYONS_FALL_HYD 23570	18.39 0.26 0.00	20.68 0.29 0.00	21.29 0.36 0.00	20.61 0.34 0.00	19.12 0.33 0.00	19.48 0.40 0.00	21.76 0.59 0.00	21.13 0.59 0.00	20.84 0.60 0.00	22.32 0.61 0.00	21.43 0.51 0.00	21.00 0.37 0.00	20.20 0.30 0.00	19.19 0.19 0.00	19.96 0.15 0.00	19.94 0.08 0.00	29.42 0.24 0.00	53.10 0.96 0.00	45.23 1.14 0.00	21.78 0.28 0.00	19.08 0.24 0.00	20.79 0.22 0.00	21.00 0.14 0.00	21.75 0.07 0.00
MADISON___COUNTY_LFGE 323628	18.71 0.58 0.00	20.96 0.57 0.00	21.48 0.54 0.00	20.80 0.54 0.00	19.36 0.56 0.00	19.75 0.67 0.00	22.04 0.87 0.00	21.44 0.90 0.00	21.14 0.90 0.00	22.63 0.93 0.00	21.77 0.85 0.00	21.42 0.79 0.00	20.62 0.72 0.00	19.53 0.53 0.00	20.19 0.39 0.00	20.24 0.38 0.00	29.90 0.73 0.00	53.85 1.71 0.00	45.67 1.58 0.00	22.15 0.65 0.00	19.40 0.56 0.00	21.13 0.56 0.00	21.40 0.54 0.00	22.15 0.47 0.00
MALONE___115KV_TB1 356076	18.52 0.39 0.00	21.01 0.62 0.00	21.79 0.85 0.00	21.16 0.90 0.00	19.41 0.62 0.00	19.51 0.43 0.00	21.69 0.52 0.00	21.00 0.46 0.00	20.57 0.33 0.00	21.99 0.29 0.00	21.18 0.26 0.00	20.79 0.16 0.00	19.94 0.04 0.00	18.99 -0.01 0.00	19.95 0.14 0.00	20.15 0.29 0.00	29.50 0.32 0.00	52.36 0.22 0.00	44.27 0.18 0.00	21.49 -0.01 0.00	18.77 -0.07 0.00	20.59 0.03 0.00	20.95 0.10 0.00	21.97 0.29 0.00
MAPLEWOD_115KV_TB3 80458	18.82 0.69 0.00	20.99 0.59 0.00	21.47 0.53 0.00	20.79 0.52 0.00	19.37 0.57 0.00	19.78 0.70 0.00	21.99 0.82 0.00	21.45 0.91 0.00	21.14 0.90 0.00	22.62 0.92 0.00	21.81 0.89 0.00	21.48 0.85 0.00	20.81 0.91 0.00	19.90 0.91 0.00	20.71 0.90 0.00	20.73 0.87 0.00	30.42 1.24 0.00	54.35 2.21 0.00	45.93 1.85 0.00	22.45 0.95 0.00	19.75 0.91 0.00	21.46 0.90 0.00	21.69 0.83 0.00	22.39 0.72 0.00
MAPLE_RIDGE_WT_1 323574	17.96 -0.18 0.00	20.33 -0.07 0.00	20.94 0.01 0.00	20.30 0.03 0.00	18.79 -0.01 0.00	19.00 -0.07 0.00	21.06 -0.11 0.00	20.38 -0.16 0.00	20.04 -0.20 0.00	21.53 -0.17 0.00	20.77 -0.15 0.00	20.45 -0.18 0.00	19.71 -0.19 0.00	18.77 -0.22 0.00	19.60 -0.20 0.00	19.61 -0.25 0.00	28.77 -0.41 0.00	51.53 -0.61 0.00	43.64 -0.45 0.00	21.27 -0.23 0.00	18.56 -0.28 0.00	20.24 -0.33 0.00	20.47 -0.39 0.00	21.35 -0.33 0.00
MAPLE_RIDGE_WT_2 323611	17.96 -0.18 0.00	20.33 -0.07 0.00	20.94 0.01 0.00	20.30 0.03 0.00	18.79 -0.01 0.00	19.00 -0.07 0.00	21.06 -0.11 0.00	20.38 -0.16 0.00	20.04 -0.20 0.00	21.53 -0.17 0.00	20.77 -0.15 0.00	20.45 -0.18 0.00	19.71 -0.19 0.00	18.77 -0.22 0.00	19.60 -0.20 0.00	19.61 -0.25 0.00	28.77 -0.41 0.00	51.53 -0.61 0.00	43.64 -0.45 0.00	21.27 -0.23 0.00	18.56 -0.28 0.00	20.24 -0.33 0.00	20.47 -0.39 0.00	21.35 -0.33 0.00
MARBLE_RIVER_WT_PWR 323696	18.41 0.28 0.00	20.90 0.51 0.00	21.68 0.75 0.00	21.11 0.84 0.00	19.39 0.59 0.00	19.49 0.41 0.00	21.67 0.50 0.00	20.95 0.41 0.00	20.48 0.24 0.00	21.86 0.16 0.00	21.11 0.19 0.00	20.75 0.13 0.00	19.90 0.00 0.00	18.96 -0.04 0.00	19.88 0.07 0.00	20.14 0.28 0.00	29.39 0.22 0.00	52.02 -0.13 0.00	43.91 -0.18 0.00	21.31 -0.18 0.00	18.63 -0.21 0.00	20.41 -0.16 0.00	20.77 -0.09 0.00	21.78 0.10 0.00
MARSHVLE_115KV_TB1 80742	19.11 0.98 0.00	21.51 1.12 0.00	22.09 1.16 0.00	21.40 1.13 0.00	19.83 1.03 0.00	20.18 1.10 0.00	22.50 1.33 0.00	21.80 1.26 0.00	21.49 1.25 0.00	22.92 1.22 0.00	22.06 1.14 0.00	21.81 1.19 0.00	20.88 0.98 0.00	19.97 0.97 0.00	20.77 0.96 0.00	20.75 0.88 0.00	30.71 1.53 0.00	55.45 3.31 0.00	47.05 2.96 0.00	22.83 1.34 0.00	19.86 1.02 0.00	21.75 1.18 0.00	22.12 1.26 0.00	23.05 1.37 0.00
MARSH_HILL_WT_PWR 323713	18.48 0.33 -0.02	20.70 0.28 -0.02	21.48 0.14 -0.41	20.46 0.12 -0.07	19.08 0.29 0.00	19.78 0.39 -0.31	22.32 0.75 -0.40	21.50 0.92 -0.04	21.42 0.92 -0.25	22.48 0.77 0.00	21.47 0.55 0.00	21.10 0.47 0.00	20.14 0.24 0.00	19.13 0.13 0.00	19.64 -0.17 0.00	19.75 -0.12 0.00	29.22 0.04 0.00	52.04 -0.10 0.00	44.45 0.36 0.00	21.53 0.03 0.00	18.88 0.04 0.00	20.44 -0.12 0.00	20.73 -0.13 0.00	21.48 -0.19 0.00
MCINTYRE_115KV_TB2 80467	18.27 0.13 0.00	20.81 0.42 0.00	21.51 0.58 0.00	20.81 0.54 0.00	19.10 0.31 0.00	19.14 0.06 0.00	21.20 0.03 0.00	20.46 -0.08 0.00	20.09 -0.15 0.00	21.55 -0.15 0.00	20.74 -0.17 0.00	20.41 -0.21 0.00	19.62 -0.28 0.00	18.62 -0.37 0.00	19.58 -0.23 0.00	19.66 -0.20 0.00	29.06 -0.12 0.00	51.97 -0.18 0.00	43.94 -0.15 0.00	21.36 -0.13 0.00	18.66 -0.18 0.00	20.49 -0.08 0.00	20.84 -0.01 0.00	21.85 0.17 0.00
MECO_____69_KV_BK1 80468	19.88 1.74 0.00	22.29 1.90 0.00	22.82 1.89 0.00	22.11 1.84 0.00	20.50 1.71 0.00	20.97 1.90 0.00	23.49 2.33 0.00	22.85 2.31 0.00	22.50 2.26 0.00	23.83 2.13 0.00	22.94 2.02 0.00	22.64 2.02 0.00	21.51 1.61 0.00	20.40 1.41 0.00	21.02 1.21 0.00	20.79 0.93 0.00	31.31 2.13 0.00	57.85 5.70 0.00	49.45 5.35 0.00	24.01 2.52 0.00	20.93 2.09 0.00	22.83 2.26 0.00	23.11 2.26 0.00	23.98 2.31 0.00
MENANDS___115KV_TB5 355628	18.76 0.63 0.00	20.91 0.51 0.00	21.38 0.45 0.00	20.71 0.44 0.00	19.30 0.51 0.00	19.70 0.62 0.00	21.88 0.72 0.00	21.34 0.80 0.00	21.04 0.80 0.00	22.51 0.80 0.00	21.70 0.78 0.00	21.37 0.75 0.00	20.70 0.81 0.00	19.82 0.82 0.00	20.61 0.80 0.00	20.65 0.78 0.00	30.28 1.11 0.00	54.08 1.94 0.00	45.68 1.60 0.00	22.33 0.83 0.00	19.66 0.82 0.00	21.36 0.79 0.00	21.59 0.73 0.00	22.28 0.61 0.00
MG INDUSTRY___DRP 24185	18.76 0.63 0.00	20.95 0.56 0.00	21.44 0.51 0.00	20.77 0.50 0.00	19.34 0.54 0.00	19.73 0.65 0.00	21.92 0.75 0.00	21.35 0.81 0.00	21.03 0.79 0.00	22.48 0.78 0.00	21.66 0.73 0.00	21.32 0.70 0.00	20.64 0.75 0.00	19.77 0.77 0.00	20.55 0.75 0.00	20.57 0.71 0.00	30.23 1.06 0.00	54.10 1.96 0.00	45.73 1.64 0.00	22.32 0.82 0.00	19.63 0.79 0.00	21.34 0.78 0.00	21.59 0.73 0.00	22.32 0.64 0.00
MID___OSWEGATCHIE_HYD 23849	17.93 -0.20 0.00	20.31 -0.08 0.00	20.98 0.04 0.00	20.31 0.04 0.00	18.71 -0.09 0.00	18.88 -0.19 0.00	21.03 -0.14 0.00	20.38 -0.16 0.00	20.05 -0.19 0.00	21.50 -0.20 0.00	20.65 -0.27 0.00	20.23 -0.39 0.00	19.43 -0.47 0.00	18.46 -0.54 0.00	19.31 -0.50 0.00	19.31 -0.56 0.00	28.46 -0.72 0.00	51.22 -0.93 0.00	43.58 -0.52 0.00	20.99 -0.51 0.00	18.36 -0.48 0.00	20.09 -0.48 0.00	20.37 -0.49 0.00	21.21 -0.47 0.00
MID___RAQUETTE_HYD 23851	17.87 -0.27 0.00	20.34 -0.05 0.00	21.03 0.09 0.00	20.35 0.08 0.00	18.65 -0.15 0.00	18.66 -0.42 0.00	20.68 -0.49 0.00	19.97 -0.57 0.00	19.63 -0.61 0.00	21.06 -0.64 0.00	20.28 -0.64 0.00	19.94 -0.68 0.00	19.16 -0.74 0.00	18.21 -0.79 0.00	19.10 -0.70 0.00	19.17 -0.69 0.00	28.22 -0.95 0.00	50.45 -1.70 0.00	42.71 -1.38 0.00	20.74 -0.75 0.00	18.12 -0.72 0.00	19.90 -0.67 0.00	20.28 -0.58 0.00	21.25 -0.43 0.00

MILLIKEN___1 23584	18.41 0.28 0.00	20.59 0.20 0.00	21.06 0.13 0.00	20.40 0.13 0.00	19.02 0.23 0.00	19.42 0.34 0.00	21.65 0.48 0.00	21.09 0.55 0.00	20.77 0.53 0.00	22.14 0.44 0.00	21.36 0.44 0.00	21.01 0.38 0.00	20.09 0.19 0.00	19.15 0.16 0.00	19.90 0.09 0.00	20.05 0.19 0.00	29.66 0.48 0.00	53.26 1.11 0.00	45.17 1.08 0.00	21.88 0.39 0.00	19.17 0.33 0.00	20.87 0.30 0.00	21.15 0.30 0.00	21.93 0.25 0.00
MILLIKEN___2 23585	18.41 0.28 0.00	20.59 0.20 0.00	21.06 0.13 0.00	20.40 0.13 0.00	19.02 0.23 0.00	19.42 0.34 0.00	21.65 0.48 0.00	21.09 0.55 0.00	20.77 0.53 0.00	22.14 0.44 0.00	21.36 0.44 0.00	21.01 0.38 0.00	20.09 0.19 0.00	19.15 0.16 0.00	19.90 0.09 0.00	20.05 0.19 0.00	29.66 0.48 0.00	53.26 1.11 0.00	45.17 1.08 0.00	21.88 0.39 0.00	19.17 0.33 0.00	20.87 0.30 0.00	21.15 0.30 0.00	21.93 0.25 0.00
MILLIKEN___DIESEL 23629	18.41 0.28 0.00	20.59 0.20 0.00	21.06 0.13 0.00	20.40 0.13 0.00	19.02 0.23 0.00	19.42 0.34 0.00	21.65 0.48 0.00	21.09 0.55 0.00	20.77 0.53 0.00	22.14 0.44 0.00	21.36 0.44 0.00	21.01 0.38 0.00	20.09 0.19 0.00	19.15 0.16 0.00	19.90 0.09 0.00	20.05 0.19 0.00	29.66 0.48 0.00	53.26 1.11 0.00	45.17 1.08 0.00	21.88 0.39 0.00	19.17 0.33 0.00	20.87 0.30 0.00	21.15 0.30 0.00	21.93 0.25 0.00
MILLSEAT___LFGE 323607	17.10 -0.91 0.12	19.27 -1.02 0.10	17.70 -1.06 2.17	18.72 -1.19 0.35	17.84 -0.95 0.00	16.56 -0.84 1.68	17.98 -0.95 2.24	19.31 -1.00 0.23	17.86 -0.95 1.44	20.57 -1.13 0.00	19.70 -1.22 0.00	19.66 -0.97 0.00	18.80 -1.10 0.00	17.93 -1.07 0.00	18.56 -1.25 0.00	18.71 -1.15 0.00	27.65 -1.53 0.00	49.71 -2.43 0.00	41.98 -2.10 0.00	20.19 -1.30 0.00	17.71 -1.13 0.00	19.35 -1.22 0.00	19.94 -0.92 0.00	20.96 -0.72 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.07 0.94 0.00	21.21 0.81 0.00	21.62 0.69 0.00	20.95 0.69 0.00	19.51 0.72 0.00	20.02 0.94 0.00	22.42 1.25 0.00	21.95 1.41 0.00	21.65 1.41 0.00	23.30 1.60 0.00	22.48 1.56 0.00	22.14 1.52 0.00	21.41 1.51 0.00	20.49 1.50 0.00	21.35 1.55 0.00	21.39 1.53 0.00	31.41 2.23 0.00	56.19 4.05 0.00	47.45 3.36 0.00	23.20 1.71 0.00	20.33 1.50 0.00	22.11 1.54 0.00	22.36 1.51 0.00	23.02 1.34 0.00
MILLWOOD_13_KV_LOAD 356217	19.11 0.98 0.00	21.25 0.86 0.00	21.67 0.74 0.00	21.00 0.73 0.00	19.55 0.76 0.00	20.07 0.99 0.00	22.48 1.31 0.00	22.00 1.46 0.00	21.71 1.47 0.00	23.36 1.66 0.00	22.54 1.62 0.00	22.20 1.58 0.00	21.47 1.57 0.00	20.55 1.55 0.00	21.41 1.60 0.00	21.45 1.59 0.00	31.50 2.32 0.00	56.36 4.21 0.00	47.59 3.50 0.00	23.26 1.77 0.00	20.38 1.54 0.00	22.17 1.60 0.00	22.41 1.56 0.00	23.08 1.40 0.00
MODEL_CITY_ENERGY 24167	16.56 -1.44 0.14	18.67 -1.61 0.12	16.81 -1.63 2.50	18.09 -1.77 0.41	17.30 -1.50 0.00	15.74 -1.40 1.93	16.95 -1.65 2.57	18.55 -1.73 0.26	16.95 -1.64 1.65	19.91 -1.79 0.00	19.14 -1.78 0.00	19.13 -1.49 0.00	18.31 -1.59 0.00	17.40 -1.60 0.00	18.02 -1.79 0.00	18.15 -1.72 0.00	26.75 -2.44 0.00	47.91 -4.23 0.00	40.37 -3.71 0.00	19.42 -2.08 0.00	17.05 -1.79 0.00	18.63 -1.94 0.00	19.27 -1.58 0.00	20.34 -1.34 0.00
MODERN_LFGE___ 323580	16.56 -1.44 0.14	18.67 -1.61 0.12	16.81 -1.63 2.50	18.09 -1.77 0.41	17.30 -1.50 0.00	15.74 -1.40 1.93	16.95 -1.65 2.57	18.55 -1.73 0.26	16.95 -1.64 1.65	19.91 -1.79 0.00	19.14 -1.78 0.00	19.13 -1.49 0.00	18.31 -1.59 0.00	17.40 -1.60 0.00	18.02 -1.79 0.00	18.15 -1.72 0.00	26.75 -2.44 0.00	47.91 -4.23 0.00	40.37 -3.71 0.00	19.42 -2.08 0.00	17.05 -1.79 0.00	18.63 -1.94 0.00	19.27 -1.58 0.00	20.34 -1.34 0.00
MOHAWK_PAPER___DRP 24187	18.82 0.69 0.00	20.99 0.59 0.00	21.47 0.53 0.00	20.79 0.52 0.00	19.37 0.57 0.00	19.78 0.70 0.00	21.99 0.82 0.00	21.45 0.91 0.00	21.14 0.90 0.00	22.62 0.92 0.00	21.81 0.89 0.00	21.48 0.85 0.00	20.81 0.91 0.00	19.90 0.91 0.00	20.71 0.90 0.00	20.73 0.87 0.00	30.42 1.24 0.00	54.35 2.21 0.00	45.93 1.85 0.00	22.45 0.95 0.00	19.75 0.91 0.00	21.46 0.90 0.00	21.69 0.83 0.00	22.39 0.72 0.00
MOHICAN___35_KV_115KV_LD 80490	18.68 0.55 0.00	20.90 0.50 0.00	21.38 0.45 0.00	20.73 0.47 0.00	19.27 0.48 0.00	19.85 0.77 0.00	22.17 1.00 0.00	21.65 1.11 0.00	21.31 1.07 0.00	22.82 1.12 0.00	21.93 1.01 0.00	21.59 0.96 0.00	20.86 0.96 0.00	19.90 0.91 0.00	20.71 0.90 0.00	20.72 0.86 0.00	30.67 1.49 0.00	54.77 2.63 0.00	46.36 2.26 0.00	22.66 1.16 0.00	19.84 1.00 0.00	21.59 1.03 0.00	21.86 1.01 0.00	22.52 0.84 0.00
MONGAUP___HYD 23641	19.06 0.93 0.00	21.23 0.84 0.00	21.58 0.65 0.00	20.90 0.63 0.00	19.44 0.65 0.00	19.91 0.84 0.00	22.16 0.99 0.00	21.67 1.13 0.00	21.38 1.14 0.00	23.16 1.46 0.00	22.23 1.30 0.00	21.84 1.21 0.00	21.07 1.18 0.00	20.03 1.03 0.00	21.01 1.20 0.00	21.01 1.15 0.00	30.84 1.66 0.00	55.36 3.22 0.00	46.82 2.73 0.00	22.88 1.38 0.00	20.20 1.36 0.00	21.94 1.37 0.00	22.26 1.41 0.00	22.89 1.21 0.00
MONTAUK___DIESEL 23721	19.87 1.73 0.00	21.83 1.43 0.00	22.24 1.30 0.00	21.51 1.25 0.00	20.06 1.27 0.00	20.63 1.56 0.00	23.01 1.84 0.00	22.48 1.94 0.00	22.17 1.93 0.00	23.81 2.11 0.00	20.85 2.03 2.09	12.82 2.13 9.93	17.16 2.37 5.12	19.93 2.39 1.46	32.65 2.54 -10.29	22.28 2.43 0.00	32.81 3.63 0.00	65.11 7.09 -5.88	217.24 5.17 -167.98	24.18 2.69 0.00	49.24 2.64 -27.76	23.14 2.57 0.00	23.34 2.48 0.00	24.11 2.43 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	17.92 -0.22 0.00	20.11 -0.29 0.00	20.54 -0.39 0.00	19.78 -0.49 0.00	18.49 -0.31 0.00	18.84 -0.23 0.00	21.07 -0.10 0.00	20.54 0.00 0.00	20.26 0.02 0.00	21.62 -0.08 0.00	20.81 -0.11 0.00	20.67 0.05 0.00	19.78 -0.12 0.00	18.82 -0.17 0.00	19.43 -0.37 0.00	19.54 -0.32 0.00	28.81 -0.37 0.00	51.86 -0.28 0.00	43.57 -0.52 0.00	20.82 -0.67 0.00	18.14 -0.69 0.00	19.88 -0.69 0.00	20.61 -0.25 0.00	21.65 -0.03 0.00
MORTIMER_115KV_TB3 55949	17.35 -0.79 0.00	19.49 -0.90 0.00	19.95 -0.99 0.00	19.24 -1.03 0.00	17.97 -0.83 0.00	18.31 -0.76 0.00	20.35 -0.82 0.00	19.73 -0.81 0.00	19.46 -0.78 0.00	20.78 -0.92 0.00	19.98 -0.94 0.00	19.86 -0.77 0.00	19.06 -0.84 0.00	18.16 -0.84 0.00	18.85 -0.96 0.00	18.96 -0.90 0.00	28.00 -1.18 0.00	50.19 -1.96 0.00	42.41 -1.68 0.00	20.49 -1.00 0.00	17.95 -0.88 0.00	19.60 -0.97 0.00	20.04 -0.81 0.00	20.94 -0.74 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.14 1.01 0.00	21.24 0.84 0.00	21.63 0.70 0.00	20.97 0.71 0.00	19.54 0.74 0.00	20.06 0.98 0.00	22.49 1.33 0.00	22.03 1.49 0.00	21.74 1.50 0.00	23.43 1.73 0.00	22.60 1.68 0.00	22.26 1.63 0.00	21.53 1.63 0.00	20.61 1.61 0.00	21.48 1.67 0.00	21.52 1.65 0.00	31.58 2.40 0.00	56.48 4.34 0.00	47.68 3.59 0.00	23.35 1.86 0.00	20.46 1.62 0.00	22.23 1.67 0.00	22.47 1.61 0.00	23.08 1.41 0.00

MUNSVILLE_WIND_PWR 323609	19.52 1.35 -0.04	21.96 1.53 -0.04	23.17 1.48 -0.75	21.88 1.49 -0.12	20.35 1.55 0.00	21.40 1.74 -0.58	24.09 2.15 -0.77	22.88 2.27 -0.08	23.00 2.27 -0.49	23.99 2.29 0.00	24.10 3.18 0.00	23.69 3.07 0.00	21.79 1.89 0.00	20.61 1.62 0.00	21.31 1.51 0.00	21.45 1.59 0.00	31.94 2.76 0.00	57.59 5.45 0.00	48.87 4.78 0.00	23.58 2.09 0.00	20.58 1.74 0.00	22.24 1.67 0.00	22.54 1.68 0.00	23.32 1.64 0.00
N SALMON___HYD 24042	18.52 0.39 0.00	21.01 0.62 0.00	21.79 0.85 0.00	21.16 0.90 0.00	19.42 0.62 0.00	19.51 0.43 0.00	21.70 0.53 0.00	21.00 0.46 0.00	20.57 0.33 0.00	21.99 0.29 0.00	21.18 0.25 0.00	20.79 0.16 0.00	19.94 0.04 0.00	18.99 -0.01 0.00	19.95 0.15 0.00	20.15 0.29 0.00	29.50 0.32 0.00	52.37 0.22 0.00	44.27 0.18 0.00	21.49 -0.01 0.00	18.77 -0.07 0.00	20.59 0.03 0.00	20.95 0.09 0.00	21.97 0.29 0.00
N.AKRON___115KV_KNAPP 355671	17.22 -0.92 0.00	19.37 -1.02 0.00	19.88 -1.05 0.00	19.09 -1.18 0.00	17.83 -0.96 0.00	18.25 -0.83 0.00	20.23 -0.94 0.00	19.53 -1.01 0.00	19.30 -0.94 0.00	20.58 -1.12 0.00	19.72 -1.20 0.00	19.67 -0.95 0.00	18.82 -1.08 0.00	17.94 -1.06 0.00	18.57 -1.24 0.00	18.75 -1.11 0.00	27.65 -1.53 0.00	49.68 -2.46 0.00	41.95 -2.14 0.00	20.18 -1.31 0.00	17.70 -1.14 0.00	19.33 -1.24 0.00	19.93 -0.93 0.00	20.95 -0.73 0.00
N.BELMOR_69_KV_BK1 55787	19.43 1.30 0.00	21.56 1.16 0.00	21.96 1.03 0.00	21.26 0.99 0.00	19.82 1.02 0.00	20.36 1.28 0.00	22.74 1.57 0.00	22.22 1.68 0.00	21.96 1.72 0.00	23.70 2.00 0.00	22.89 1.97 0.00	22.57 1.94 0.00	22.97 1.99 -1.08	42.60 1.97 -21.63	32.15 2.05 -10.29	21.84 1.97 0.00	32.01 2.83 0.00	57.08 4.94 0.00	48.15 4.06 0.00	23.64 2.14 0.00	20.73 1.89 0.00	22.59 2.03 0.00	22.82 1.96 0.00	23.49 1.82 0.00
N.E_GEN_SANDY PD 24062	22.07 0.80 -3.13	25.61 0.71 -4.50	24.18 0.63 -2.62	23.27 0.62 -2.39	23.31 0.64 -3.87	20.40 0.87 -0.46	22.30 1.08 -0.06	24.53 1.19 -2.80	22.55 1.20 -1.11	24.23 1.29 -1.23	23.59 1.25 -1.42	25.73 1.21 -3.89	23.99 1.24 -2.85	22.48 1.22 -2.26	23.59 1.25 -2.52	21.15 1.23 -0.06	31.89 1.74 -0.97	55.18 3.04 0.00	46.64 2.55 0.00	22.21 1.32 0.61	22.79 1.21 -2.74	24.88 1.25 -3.07	23.34 1.20 -1.28	22.75 1.08 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.06 0.92 0.00	21.20 0.80 0.00	21.62 0.69 0.00	20.96 0.69 0.00	19.51 0.71 0.00	20.01 0.93 0.00	22.41 1.24 0.00	21.94 1.40 0.00	21.63 1.39 0.00	23.28 1.58 0.00	22.47 1.54 0.00	22.13 1.50 0.00	21.40 1.50 0.00	20.48 1.48 0.00	21.34 1.54 0.00	21.38 1.52 0.00	31.41 2.23 0.00	56.20 4.06 0.00	47.47 3.38 0.00	23.19 1.69 0.00	20.31 1.48 0.00	22.10 1.53 0.00	22.35 1.50 0.00	23.02 1.34 0.00
N.QUEENS_27_KV_LOAD 356247	19.17 1.04 0.00	21.26 0.86 0.00	21.65 0.72 0.00	21.03 0.77 0.00	19.63 0.83 0.00	20.11 1.03 0.00	22.56 1.39 0.00	22.08 1.54 0.00	21.78 1.54 0.00	23.53 1.83 0.00	22.66 1.74 0.00	22.30 1.68 0.00	21.57 1.67 0.00	20.66 1.66 0.00	21.52 1.71 0.00	21.58 1.71 0.00	31.60 2.43 0.00	56.49 4.35 0.00	47.78 3.69 0.00	23.44 1.94 0.00	20.50 1.66 0.00	22.25 1.68 -0.01	22.45 1.58 -0.01	23.14 1.46 0.00
N.TROY___115KV_TB1 355778	18.85 0.72 0.00	21.05 0.65 0.00	21.53 0.60 0.00	20.86 0.59 0.00	19.40 0.60 0.00	19.85 0.77 0.00	22.11 0.94 0.00	21.57 1.02 0.00	21.26 1.02 0.00	22.76 1.06 0.00	21.92 1.01 0.00	21.60 0.97 0.00	20.90 1.00 0.00	19.96 0.97 0.00	20.79 0.98 0.00	20.82 0.95 0.00	30.55 1.37 0.00	54.54 2.40 0.00	46.12 2.03 0.00	22.54 1.05 0.00	19.82 0.98 0.00	21.57 1.01 0.00	21.82 0.96 0.00	22.53 0.86 0.00
NARROWS_GT1_1 24228	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
NARROWS_GT1_2 24229	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
NARROWS_GT1_3 24230	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
NARROWS_GT1_4 24231	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
NARROWS_GT1_5 24232	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
NARROWS_GT1_6 24233	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
NARROWS_GT1_7 24234	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01

NARROWS_GT1_8 24235	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
NARROWS_GT2_1 24236	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
NARROWS_GT2_2 24237	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
NARROWS_GT2_3 24238	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
NARROWS_GT2_4 24239	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
NARROWS_GT2_5 24240	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
NARROWS_GT2_6 24241	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
NARROWS_GT2_7 24242	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
NARROWS_GT2_8 24243	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.18 1.05 0.00	21.40 1.01 0.00	21.90 0.97 0.00	21.21 0.94 0.00	19.79 0.99 0.00	20.18 1.10 0.00	22.42 1.25 0.00	21.88 1.34 0.00	21.56 1.32 0.00	22.98 1.28 0.00	22.07 1.15 0.00	21.69 1.06 0.00	20.98 1.08 0.00	20.14 1.14 0.00	20.87 1.07 0.00	20.88 1.01 0.00	30.72 1.54 0.00	55.28 3.14 0.00	46.89 2.80 0.00	22.85 1.36 0.00	20.09 1.25 0.00	21.81 1.25 0.00	22.03 1.17 0.00	22.74 1.06 0.00
NCHELSEA_115KV_TR2 355582	19.30 1.17 0.00	21.49 1.09 0.00	21.92 0.99 0.00	21.24 0.97 0.00	19.78 0.98 0.00	20.30 1.22 0.00	22.73 1.57 0.00	22.26 1.72 0.00	21.97 1.73 0.00	23.60 1.90 0.00	22.76 1.84 0.00	22.42 1.79 0.00	21.65 1.75 0.00	20.68 1.69 0.00	21.54 1.73 0.00	21.61 1.75 0.00	31.80 2.62 0.00	56.91 4.77 0.00	48.11 4.02 0.00	23.49 2.00 0.00	20.59 1.75 0.00	22.39 1.82 0.00	22.64 1.78 0.00	23.30 1.63 0.00
NEG CAPITAL___MECHNVIL 23645	18.93 0.80 0.00	21.17 0.77 0.00	21.64 0.71 0.00	20.96 0.70 0.00	19.51 0.71 0.00	19.99 0.91 0.00	22.30 1.13 0.00	21.75 1.21 0.00	21.44 1.20 0.00	22.96 1.26 0.00	22.11 1.18 0.00	21.78 1.15 0.00	21.06 1.16 0.00	20.11 1.11 0.00	20.93 1.13 0.00	20.95 1.08 0.00	30.82 1.65 0.00	55.05 2.90 0.00	46.56 2.48 0.00	22.74 1.25 0.00	19.96 1.12 0.00	21.71 1.15 0.00	21.96 1.10 0.00	22.67 0.99 0.00
NEG CENTRAL_HIGH_ACRES 23767	17.10 -0.98 0.05	19.21 -1.14 0.04	18.76 -1.24 0.93	18.87 -1.24 0.15	17.76 -1.04 0.00	17.38 -0.98 0.72	19.17 -1.03 0.97	19.48 -0.97 0.10	18.66 -0.96 0.62	20.58 -1.13 0.00	19.77 -1.16 0.00	19.60 -1.02 0.00	18.82 -1.08 0.00	17.93 -1.06 0.00	18.61 -1.19 0.00	18.76 -1.11 0.00	27.71 -1.47 0.00	49.63 -2.52 0.00	41.97 -2.12 0.00	20.30 -1.20 0.00	17.79 -1.05 0.00	19.40 -1.16 0.00	19.79 -1.07 0.00	20.64 -1.04 0.00
NEG CENTRAL___DRP 24199	18.01 -0.13 0.00	20.15 -0.24 0.00	20.60 -0.33 0.00	19.94 -0.33 0.00	18.60 -0.19 0.00	19.00 -0.08 0.00	21.19 0.02 0.00	20.65 0.11 0.00	20.32 0.08 0.00	21.62 -0.08 0.00	20.76 -0.16 0.00	20.48 -0.15 0.00	19.68 -0.22 0.00	18.78 -0.21 0.00	19.49 -0.32 0.00	19.65 -0.22 0.00	29.00 -0.18 0.00	51.92 -0.22 0.00	44.01 -0.08 0.00	21.36 -0.13 0.00	18.71 -0.13 0.00	20.38 -0.19 0.00	20.68 -0.18 0.00	21.46 -0.22 0.00
NEG CENTRAL___INDECK 23768	18.36 0.21 -0.01	20.57 0.16 -0.01	21.20 0.04 -0.22	20.31 0.01 -0.04	18.96 0.17 0.00	19.54 0.29 -0.17	21.78 0.54 -0.07	21.17 0.63 0.00	20.75 0.51 0.00	21.86 0.16 0.00	20.83 -0.09 0.00	20.63 0.00 0.00	19.74 -0.16 0.00	18.78 -0.22 0.00	19.41 -0.40 0.00	19.53 -0.34 0.00	28.95 -0.23 0.00	52.40 0.26 0.00	44.82 0.73 0.00	21.68 0.18 0.00	18.95 0.11 0.00	20.63 0.06 0.00	20.99 0.14 0.00	21.80 0.13 0.00

NEG CENTRAL___SENECA 23627	18.08 -0.06 0.00	20.23 -0.17 0.00	20.67 -0.26 0.00	20.01 -0.26 0.00	18.69 -0.11 0.00	19.09 0.01 0.00	21.33 0.17 0.00	20.82 0.27 0.00	20.48 0.24 0.00	21.74 0.03 0.00	20.85 -0.07 0.00	20.56 -0.07 0.00	19.75 -0.15 0.00	18.83 -0.16 0.00	19.52 -0.29 0.00	19.69 -0.17 0.00	29.13 -0.05 0.00	52.10 -0.04 0.00	44.20 0.10 0.00	21.47 -0.03 0.00	18.80 -0.04 0.00	20.45 -0.12 0.00	20.78 -0.08 0.00	21.54 -0.13 0.00
NEG CENTRAL___STATE_STREET 24147	18.10 -0.04 0.00	20.26 -0.13 0.00	20.74 -0.19 0.00	20.06 -0.21 0.00	18.70 -0.09 0.00	19.11 0.03 0.00	21.24 0.08 0.00	20.67 0.13 0.00	20.36 0.12 0.00	21.71 0.00 0.00	20.89 -0.03 0.00	20.62 -0.01 0.00	19.78 -0.12 0.00	18.91 -0.09 0.00	19.63 -0.17 0.00	19.79 -0.07 0.00	29.11 -0.07 0.00	52.26 0.12 0.00	44.31 0.22 0.00	21.42 -0.08 0.00	18.81 -0.03 0.00	20.51 -0.05 0.00	20.74 -0.12 0.00	21.60 -0.07 0.00
NEG MILLWOOD___DRP 24198	19.33 1.19 0.00	21.50 1.11 0.00	21.92 0.99 0.00	21.24 0.97 0.00	19.79 0.99 0.00	20.31 1.24 0.00	22.76 1.59 0.00	22.28 1.74 0.00	21.99 1.76 0.00	23.65 1.95 0.00	22.81 1.89 0.00	22.47 1.84 0.00	21.71 1.81 0.00	20.74 1.75 0.00	21.60 1.79 0.00	21.67 1.80 0.00	31.86 2.68 0.00	57.01 4.87 0.00	48.20 4.11 0.00	23.54 2.05 0.00	20.63 1.79 0.00	22.42 1.86 0.00	22.66 1.81 0.00	23.32 1.65 0.00
NEG NORTH_FLCN_SEA 23793	18.65 0.51 0.00	21.16 0.77 0.00	21.95 1.02 0.00	21.40 1.14 0.00	19.68 0.88 0.00	19.79 0.71 0.00	22.03 0.86 0.00	21.28 0.74 0.00	20.75 0.51 0.00	22.13 0.43 0.00	21.35 0.43 0.00	21.00 0.37 0.00	20.12 0.22 0.00	19.19 0.19 0.00	20.09 0.29 0.00	20.42 0.55 0.00	29.87 0.70 0.00	52.82 0.68 0.00	44.63 0.55 0.00	21.63 0.13 0.00	18.91 0.07 0.00	20.71 0.14 0.00	21.08 0.22 0.00	22.06 0.38 0.00
NEG NORTH_KES_CHATEGAY 23792	18.44 0.30 0.00	20.94 0.54 0.00	21.72 0.79 0.00	21.13 0.87 0.00	19.40 0.60 0.00	19.49 0.41 0.00	21.67 0.50 0.00	20.95 0.41 0.00	20.49 0.25 0.00	21.88 0.17 0.00	21.10 0.18 0.00	20.74 0.11 0.00	19.89 -0.01 0.00	18.95 -0.05 0.00	19.91 0.11 0.00	20.15 0.28 0.00	29.41 0.23 0.00	52.06 -0.08 0.00	43.97 -0.12 0.00	21.36 -0.14 0.00	18.67 -0.17 0.00	20.47 -0.10 0.00	20.82 -0.04 0.00	21.85 0.17 0.00
NEG NORTH___ALICE_FALLS 23915	18.71 0.57 0.00	21.22 0.83 0.00	22.01 1.07 0.00	21.44 1.17 0.00	19.70 0.91 0.00	19.82 0.74 0.00	22.08 0.91 0.00	21.34 0.80 0.00	20.84 0.59 0.00	22.25 0.54 0.00	21.42 0.50 0.00	21.05 0.43 0.00	20.17 0.27 0.00	19.25 0.25 0.00	20.17 0.37 0.00	20.49 0.62 0.00	29.97 0.79 0.00	53.03 0.89 0.00	44.81 0.72 0.00	21.73 0.23 0.00	18.98 0.14 0.00	20.80 0.23 0.00	21.16 0.30 0.00	22.15 0.47 0.00
NEG NORTH___LWR_SARANAC 23913	18.71 0.57 0.00	21.22 0.83 0.00	22.01 1.07 0.00	21.44 1.17 0.00	19.70 0.91 0.00	19.82 0.74 0.00	22.08 0.91 0.00	21.34 0.80 0.00	20.84 0.59 0.00	22.25 0.54 0.00	21.42 0.50 0.00	21.05 0.43 0.00	20.17 0.27 0.00	19.25 0.25 0.00	20.17 0.37 0.00	20.49 0.62 0.00	29.97 0.79 0.00	53.03 0.89 0.00	44.81 0.72 0.00	21.73 0.23 0.00	18.98 0.14 0.00	20.80 0.23 0.00	21.16 0.30 0.00	22.15 0.47 0.00
NEG NORTH___PLATTSBURG 23628	18.71 0.57 0.00	21.22 0.83 0.00	22.00 1.07 0.00	21.44 1.17 0.00	19.70 0.91 0.00	19.82 0.74 0.00	22.09 0.92 0.00	21.34 0.80 0.00	20.84 0.59 0.00	22.25 0.54 0.00	21.42 0.50 0.00	21.05 0.42 0.00	20.17 0.27 0.00	19.25 0.26 0.00	20.17 0.37 0.00	20.49 0.62 0.00	29.97 0.79 0.00	53.03 0.89 0.00	44.81 0.72 0.00	21.73 0.23 0.00	18.98 0.14 0.00	20.80 0.23 0.00	21.16 0.30 0.00	22.15 0.47 0.00
NEG WEST_LEA_LOCKPORT 23791	16.87 -1.26 0.00	19.00 -1.39 0.00	19.51 -1.42 0.00	18.72 -1.54 0.00	17.49 -1.30 0.00	17.87 -1.20 0.00	19.77 -1.40 0.00	19.06 -1.49 0.00	18.86 -1.38 0.00	20.18 -1.52 0.00	19.39 -1.53 0.00	19.38 -1.25 0.00	18.55 -1.36 0.00	17.62 -1.38 0.00	18.25 -1.56 0.00	18.38 -1.49 0.00	27.09 -2.08 0.00	48.56 -3.58 0.00	40.93 -3.16 0.00	19.68 -1.81 0.00	17.26 -1.58 0.00	18.87 -1.69 0.00	19.51 -1.35 0.00	20.55 -1.13 0.00
NEG WEST___LANCASTER 23811	17.83 -0.30 0.00	20.05 -0.34 0.00	20.55 -0.38 0.00	19.76 -0.51 0.00	18.44 -0.35 0.00	18.85 -0.23 0.00	20.94 -0.22 0.00	20.21 -0.33 0.00	20.01 -0.23 0.00	21.40 -0.31 0.00	20.58 -0.34 0.00	20.51 -0.12 0.00	19.74 -0.16 0.00	18.82 -0.18 0.00	19.49 -0.31 0.00	19.61 -0.26 0.00	28.88 -0.30 0.00	51.58 -0.56 0.00	43.40 -0.69 0.00	20.86 -0.64 0.00	18.30 -0.54 0.00	20.02 -0.55 0.00	20.67 -0.18 0.00	21.63 -0.05 0.00
NEG_PENN_ALLEGHNY 23528	18.36 0.16 -0.06	20.51 0.06 -0.05	22.05 -0.03 -1.15	20.43 -0.03 -0.19	18.88 0.08 0.00	20.14 0.18 -0.89	22.65 0.31 -1.17	21.07 0.42 -0.12	21.40 0.41 -0.74	22.02 0.31 0.00	21.18 0.26 0.00	20.89 0.26 0.00	20.16 0.26 0.00	19.24 0.25 0.00	19.98 0.17 0.00	20.07 0.21 0.00	29.57 0.39 0.00	52.84 0.69 0.00	44.73 0.64 0.00	21.70 0.20 0.00	19.02 0.18 0.00	20.70 0.13 0.00	21.04 0.18 0.00	21.74 0.07 0.00
NEG___GEN_MONROE 24207	17.44 -0.69 0.00	19.60 -0.79 0.00	20.06 -0.87 0.00	19.35 -0.92 0.00	18.06 -0.74 0.00	18.43 -0.65 0.00	20.48 -0.69 0.00	19.85 -0.69 0.00	19.56 -0.68 0.00	20.86 -0.85 0.00	20.03 -0.89 0.00	19.92 -0.70 0.00	19.11 -0.79 0.00	18.21 -0.78 0.00	18.89 -0.91 0.00	19.02 -0.84 0.00	28.12 -1.06 0.00	50.46 -1.68 0.00	42.65 -1.44 0.00	20.59 -0.90 0.00	18.04 -0.80 0.00	19.69 -0.87 0.00	20.17 -0.69 0.00	21.08 -0.60 0.00
NEPA___ENERGY 23901	17.46 -0.67 0.00	19.56 -0.84 0.00	19.98 -0.95 0.00	19.26 -1.00 0.00	18.01 -0.78 0.00	18.35 -0.72 0.00	20.47 -0.70 0.00	19.96 -0.58 0.00	19.71 -0.53 0.00	21.05 -0.65 0.00	20.28 -0.63 0.00	20.16 -0.47 0.00	19.40 -0.50 0.00	18.52 -0.47 0.00	19.21 -0.60 0.00	19.30 -0.56 0.00	28.40 -0.78 0.00	50.73 -1.41 0.00	42.80 -1.29 0.00	20.50 -1.00 0.00	18.00 -0.84 0.00	19.67 -0.90 0.00	20.29 -0.56 0.00	21.12 -0.56 0.00
NEVERSink___HYD 23608	18.97 0.83 0.00	21.14 0.74 0.00	21.57 0.64 0.00	20.91 0.64 0.00	19.46 0.66 0.00	19.97 0.90 0.00	22.43 1.26 0.00	21.98 1.44 0.00	21.80 1.56 0.00	23.39 1.69 0.00	22.50 1.58 0.00	21.96 1.33 0.00	20.62 0.72 0.00	19.68 0.68 0.00	20.59 0.78 0.00	20.63 0.76 0.00	30.48 1.30 0.00	54.71 2.56 0.00	46.28 2.19 0.00	22.67 1.17 0.00	20.38 1.54 0.00	22.16 1.59 0.00	22.41 1.56 0.00	23.08 1.40 0.00
NEWKRMKL_115KV_TB1 55635	18.71 0.58 0.00	20.83 0.44 0.00	21.30 0.37 0.00	20.64 0.37 0.00	19.25 0.45 0.00	19.62 0.54 0.00	21.76 0.60 0.00	21.23 0.69 0.00	20.92 0.68 0.00	22.38 0.67 0.00	21.58 0.65 0.00	21.25 0.62 0.00	20.59 0.69 0.00	19.72 0.72 0.00	20.50 0.69 0.00	20.53 0.67 0.00	30.14 0.96 0.00	53.85 1.71 0.00	45.48 1.39 0.00	22.22 0.72 0.00	19.57 0.73 0.00	21.25 0.68 0.00	21.46 0.61 0.00	22.17 0.49 0.00

NEWTON___FALLS_HYD 23847	17.93 -0.20 0.00	20.31 -0.08 0.00	20.98 0.04 0.00	20.31 0.04 0.00	18.71 -0.09 0.00	18.88 -0.19 0.00	21.03 -0.14 0.00	20.38 -0.16 0.00	20.05 -0.19 0.00	21.50 -0.20 0.00	20.65 -0.27 0.00	20.23 -0.39 0.00	19.43 -0.47 0.00	18.46 -0.54 0.00	19.31 -0.50 0.00	19.31 -0.56 0.00	28.46 -0.72 0.00	51.22 -0.93 0.00	43.58 -0.52 0.00	20.99 -0.51 0.00	18.36 -0.48 0.00	20.09 -0.48 0.00	20.37 -0.49 0.00	21.21 -0.47 0.00
NGRID_A1_DSASP 323792	16.38 -1.61 0.14	18.55 -1.72 0.12	16.58 -1.77 2.59	17.97 -1.88 0.42	17.19 -1.61 0.00	15.52 -1.55 2.01	16.71 -1.80 2.66	18.30 -1.97 0.27	16.71 -1.82 1.70	19.68 -2.02 0.00	18.92 -1.99 0.00	18.94 -1.68 0.00	18.13 -1.77 0.00	17.22 -1.78 0.00	17.83 -1.98 0.00	17.95 -1.91 0.00	26.44 -2.74 0.00	47.32 -4.82 0.00	39.84 -4.25 0.00	19.16 -2.33 0.00	16.83 -2.01 0.00	18.40 -2.17 0.00	19.03 -1.83 0.00	20.06 -1.62 0.00
NGRID_A2_DSASP 323793	16.38 -1.61 0.14	18.55 -1.72 0.12	16.58 -1.77 2.59	17.97 -1.88 0.42	17.19 -1.61 0.00	15.52 -1.55 2.01	16.71 -1.80 2.66	18.30 -1.97 0.27	16.71 -1.82 1.70	19.68 -2.02 0.00	18.92 -1.99 0.00	18.94 -1.68 0.00	18.13 -1.77 0.00	17.22 -1.78 0.00	17.83 -1.98 0.00	17.95 -1.91 0.00	26.44 -2.74 0.00	47.32 -4.82 0.00	39.84 -4.25 0.00	19.16 -2.33 0.00	16.83 -2.01 0.00	18.40 -2.17 0.00	19.03 -1.83 0.00	20.06 -1.62 0.00
NGRID_A4_DSASP 323807	16.38 -1.61 0.14	18.55 -1.72 0.12	16.58 -1.77 2.59	17.97 -1.88 0.42	17.19 -1.61 0.00	15.52 -1.55 2.01	16.71 -1.80 2.66	18.30 -1.97 0.27	16.71 -1.82 1.70	19.68 -2.02 0.00	18.92 -1.99 0.00	18.94 -1.68 0.00	18.13 -1.77 0.00	17.22 -1.78 0.00	17.83 -1.98 0.00	17.95 -1.91 0.00	26.44 -2.74 0.00	47.32 -4.82 0.00	39.84 -4.25 0.00	19.16 -2.33 0.00	16.83 -2.01 0.00	18.40 -2.17 0.00	19.03 -1.83 0.00	20.06 -1.62 0.00
NIAGARA_115E_LBMP 323715	16.45 -1.54 0.14	18.54 -1.73 0.12	16.62 -1.74 2.57	17.96 -1.89 0.42	17.18 -1.61 0.00	15.58 -1.51 1.99	16.75 -1.78 2.64	18.39 -1.89 0.27	16.77 -1.78 1.69	19.77 -1.94 0.00	19.00 -1.92 0.00	19.01 -1.62 0.00	18.19 -1.71 0.00	17.28 -1.72 0.00	17.89 -1.91 0.00	18.02 -1.84 0.00	26.55 -2.63 0.00	47.54 -4.60 0.00	40.06 -4.03 0.00	19.26 -2.23 0.00	16.91 -1.93 0.00	18.48 -2.08 0.00	19.14 -1.72 0.00	20.20 -1.47 0.00
NIAGARA_115W_LBMP 323714	16.34 -1.65 0.14	18.51 -1.76 0.12	16.54 -1.80 2.59	17.93 -1.91 0.42	17.15 -1.64 0.00	15.49 -1.58 2.00	16.67 -1.84 2.66	18.24 -2.03 0.27	16.67 -1.87 1.70	19.63 -2.07 0.00	18.87 -2.05 0.00	18.89 -1.74 0.00	18.08 -1.82 0.00	17.17 -2.02 0.00	17.78 -1.96 0.00	17.90 -1.96 0.00	26.37 -2.81 0.00	47.18 -4.96 0.00	39.74 -4.35 0.00	19.11 -2.38 0.00	16.78 -2.06 0.00	18.35 -2.22 0.00	18.98 -1.88 0.00	20.01 -1.67 0.00
NIAGARA_230_LBMP 323716	16.55 -1.44 0.14	18.70 -1.57 0.12	16.74 -1.65 2.55	18.12 -1.73 0.42	17.32 -1.47 0.00	15.67 -1.44 1.97	16.90 -1.65 2.62	18.58 -1.70 0.26	16.97 -1.59 1.68	19.97 -1.73 0.00	19.20 -1.72 0.00	19.21 -1.42 0.00	18.40 -1.50 0.00	17.48 -1.51 0.00	18.11 -1.70 0.00	18.23 -1.63 0.00	26.85 -2.32 0.00	48.05 -4.10 0.00	40.47 -3.62 0.00	19.46 -2.03 0.00	17.08 -1.76 0.00	18.68 -1.89 0.00	19.30 -1.56 0.00	20.31 -1.37 0.00
NIAGARA___115KV_198_GIBSON 55903	16.48 -1.65 0.00	18.65 -1.75 0.00	19.14 -1.79 0.00	18.38 -1.89 0.00	17.15 -1.64 0.00	17.52 -1.55 0.00	19.37 -1.79 0.00	18.51 -2.03 0.00	18.38 -1.86 0.00	19.63 -2.07 0.00	18.88 -2.04 0.00	18.89 -1.74 0.00	18.08 -1.82 0.00	17.17 -1.83 0.00	17.79 -2.01 0.00	17.91 -1.96 0.00	26.37 -2.81 0.00	47.18 -4.96 0.00	39.73 -4.36 0.00	19.12 -2.38 0.00	16.78 -2.06 0.00	18.35 -2.22 0.00	18.98 -1.88 0.00	20.01 -1.67 0.00
NIAGARA____ 23760	16.55 -1.44 0.14	18.70 -1.57 0.12	16.73 -1.65 2.55	18.12 -1.73 0.42	17.32 -1.47 0.00	15.66 -1.44 1.98	16.89 -1.65 2.63	18.58 -1.70 0.27	16.96 -1.59 1.68	19.97 -1.73 0.00	19.20 -1.72 0.00	19.21 -1.42 0.00	18.40 -1.50 0.00	17.48 -1.51 0.00	18.11 -1.70 0.00	18.23 -1.63 0.00	26.85 -2.32 0.00	48.05 -4.10 0.00	40.47 -3.62 0.00	19.46 -2.03 0.00	17.08 -1.76 0.00	18.68 -1.89 0.00	19.30 -1.56 0.00	20.31 -1.37 0.00
NINE_MILE_1 23575	17.45 -0.68 0.00	19.54 -0.86 0.00	20.00 -0.93 0.00	19.37 -0.90 0.00	18.03 -0.76 0.00	18.36 -0.72 0.00	20.36 -0.81 0.00	19.77 -0.77 0.00	19.49 -0.75 0.00	20.86 -0.84 0.00	20.11 -0.81 0.00	19.85 -0.77 0.00	19.13 -0.77 0.00	18.28 -0.71 0.00	19.01 -0.80 0.00	19.09 -0.77 0.00	28.05 -1.13 0.00	50.18 -1.96 0.00	42.45 -1.64 0.00	20.64 -0.86 0.00	18.09 -0.75 0.00	19.72 -0.85 0.00	20.01 -0.85 0.00	20.78 -0.90 0.00
NINE_MILE_2 23744	17.45 -0.68 0.00	19.54 -0.86 0.00	20.00 -0.93 0.00	19.37 -0.90 0.00	18.04 -0.75 0.00	18.36 -0.72 0.00	20.36 -0.80 0.00	19.78 -0.76 0.00	19.49 -0.75 0.00	20.86 -0.84 0.00	20.12 -0.80 0.00	19.85 -0.77 0.00	19.13 -0.76 0.00	18.29 -0.71 0.00	19.01 -0.79 0.00	19.09 -0.77 0.00	28.06 -1.12 0.00	50.19 -1.95 0.00	42.45 -1.64 0.00	20.64 -0.86 0.00	18.09 -0.75 0.00	19.72 -0.85 0.00	20.01 -0.84 0.00	20.78 -0.90 0.00
NM_CAPITAL___DRP 24208	18.73 0.60 0.00	20.87 0.48 0.00	21.34 0.41 0.00	20.68 0.41 0.00	19.27 0.48 0.00	19.66 0.58 0.00	21.83 0.66 0.00	21.29 0.75 0.00	20.99 0.75 0.00	22.45 0.75 0.00	21.64 0.72 0.00	21.31 0.69 0.00	20.66 0.76 0.00	19.77 0.77 0.00	20.56 0.76 0.00	20.60 0.73 0.00	30.21 1.04 0.00	53.95 1.81 0.00	45.58 1.49 0.00	22.28 0.78 0.00	19.62 0.78 0.00	21.31 0.74 0.00	21.53 0.68 0.00	22.23 0.55 0.00
NM_CENTRAL___DRP 24181	17.76 -0.38 0.00	19.87 -0.53 0.00	20.32 -0.61 0.00	19.67 -0.60 0.00	18.34 -0.45 0.00	18.69 -0.39 0.00	20.77 -0.39 0.00	20.19 -0.35 0.00	19.91 -0.33 0.00	21.30 -0.41 0.00	20.52 -0.40 0.00	20.25 -0.38 0.00	19.50 -0.40 0.00	18.63 -0.37 0.00	19.38 -0.43 0.00	19.47 -0.40 0.00	28.67 -0.51 0.00	51.30 -0.85 0.00	43.40 -0.69 0.00	21.08 -0.42 0.00	18.47 -0.36 0.00	20.13 -0.44 0.00	20.43 -0.43 0.00	21.18 -0.50 0.00
NM_FRONTIER___DRP 24179	16.48 -1.65 0.00	18.65 -1.75 0.00	19.14 -1.79 0.00	18.38 -1.89 0.00	17.15 -1.64 0.00	17.52 -1.55 0.00	19.37 -1.79 0.00	18.51 -2.03 0.00	18.38 -1.86 0.00	19.63 -2.07 0.00	18.88 -2.04 0.00	18.89 -1.74 0.00	18.08 -1.82 0.00	17.17 -1.83 0.00	17.79 -2.01 0.00	17.91 -1.96 0.00	26.37 -2.81 0.00	47.18 -4.96 0.00	39.73 -4.36 0.00	19.12 -2.38 0.00	16.78 -2.06 0.00	18.35 -2.22 0.00	18.98 -1.88 0.00	20.01 -1.67 0.00
NM_ST_REGIS___HYD 24053	18.06 -0.08 0.00	20.53 0.14 0.00	21.25 0.32 0.00	20.59 0.32 0.00	18.87 0.07 0.00	18.89 -0.18 0.00	20.96 -0.21 0.00	20.26 -0.28 0.00	19.88 -0.36 0.00	21.32 -0.38 0.00	20.53 -0.39 0.00	20.18 -0.45 0.00	19.38 -0.52 0.00	18.42 -0.58 0.00	19.34 -0.47 0.00	19.45 -0.42 0.00	28.58 -0.60 0.00	50.98 -1.16 0.00	43.14 -0.95 0.00	20.95 -0.55 0.00	18.30 -0.54 0.00	20.09 -0.48 0.00	20.47 -0.38 0.00	21.46 -0.22 0.00

NORTHPORT___1 23551	19.42 1.29 0.00	21.52 1.12 0.00	21.98 1.04 0.00	21.25 0.99 0.00	19.81 1.01 0.00	20.34 1.26 0.00	22.65 1.48 0.00	22.11 1.57 0.00	21.82 1.58 0.00	23.59 1.89 0.00	22.81 1.89 0.00	22.44 1.82 0.00	22.94 1.96 -1.08	42.58 1.95 -21.63	32.14 2.04 -10.29	21.73 1.87 0.00	31.80 2.61 0.00	56.70 4.56 0.00	47.70 3.60 0.00	23.48 1.99 0.00	20.62 1.78 0.00	22.53 1.96 0.00	22.75 1.89 0.00	23.48 1.80 0.00
NORTHPORT___2 23552	19.42 1.29 0.00	21.52 1.12 0.00	21.98 1.04 0.00	21.25 0.99 0.00	19.81 1.01 0.00	20.34 1.26 0.00	22.65 1.48 0.00	22.11 1.57 0.00	21.82 1.58 0.00	23.59 1.89 0.00	22.81 1.89 0.00	22.44 1.82 0.00	22.94 1.96 -1.08	42.58 1.95 -21.63	32.14 2.04 -10.29	21.73 1.87 0.00	31.80 2.61 0.00	56.70 4.56 0.00	47.70 3.60 0.00	23.48 1.99 0.00	20.62 1.78 0.00	22.53 1.96 0.00	22.75 1.89 0.00	23.48 1.80 0.00
NORTHPORT___3 23553	19.37 1.24 0.00	21.53 1.14 0.00	21.96 1.02 0.00	21.25 0.98 0.00	19.80 1.01 0.00	20.34 1.27 0.00	22.72 1.55 0.00	22.21 1.68 0.00	21.94 1.70 0.00	23.67 1.97 0.00	22.86 1.94 0.00	22.51 1.88 0.00	22.94 1.96 -1.08	42.56 1.94 -21.63	32.13 2.02 -10.29	21.79 1.93 0.00	31.95 2.77 0.00	56.72 4.89 0.31	39.33 3.98 8.74	23.59 2.10 0.00	19.24 1.84 1.44	22.52 1.96 0.00	22.74 1.89 0.00	23.44 1.77 0.00
NORTHPORT___4 23650	19.37 1.24 0.00	21.53 1.14 0.00	21.96 1.02 0.00	21.25 0.98 0.00	19.80 1.01 0.00	20.34 1.27 0.00	22.72 1.55 0.00	22.21 1.68 0.00	21.94 1.70 0.00	23.67 1.97 0.00	22.86 1.94 0.00	22.51 1.88 0.00	22.94 1.96 -1.08	42.56 1.94 -21.63	32.13 2.02 -10.29	21.79 1.93 0.00	31.95 2.77 0.00	56.72 4.89 0.31	39.33 3.98 8.74	23.59 2.10 0.00	19.24 1.84 1.44	22.52 1.96 0.00	22.74 1.89 0.00	23.44 1.77 0.00
NORTHPORT___IC 23718	19.42 1.29 0.00	21.52 1.12 0.00	21.97 1.03 0.00	21.26 0.99 0.00	19.81 1.01 0.00	20.34 1.26 0.00	22.65 1.48 0.00	22.11 1.57 0.00	21.82 1.58 0.00	23.59 1.89 0.00	22.81 1.89 0.00	22.44 1.82 0.00	22.94 1.96 -1.08	42.58 1.95 -21.63	32.13 2.03 -10.29	21.73 1.86 0.00	31.79 2.61 0.00	56.70 4.56 0.00	47.70 3.61 0.00	23.48 1.98 0.00	20.62 1.78 0.00	22.53 1.96 0.00	22.75 1.89 0.00	23.47 1.80 0.00
NORTH___COUNTRY_ESR 323785	18.37 0.24 0.00	20.87 0.48 0.00	21.66 0.73 0.00	21.07 0.80 0.00	19.34 0.54 0.00	19.41 0.34 0.00	21.59 0.42 0.00	20.87 0.33 0.00	20.41 0.17 0.00	21.81 0.10 0.00	21.05 0.13 0.00	20.70 0.07 0.00	19.85 -0.05 0.00	18.90 -0.09 0.00	19.84 0.03 0.00	20.08 0.22 0.00	29.28 0.10 0.00	51.82 -0.32 0.00	43.75 -0.34 0.00	21.25 -0.24 0.00	18.58 -0.26 0.00	20.38 -0.19 0.00	20.73 -0.13 0.00	21.76 0.08 0.00
NPX_GEN_1385_PROXY 323591	19.09 1.45 0.50	23.84 1.20 -2.24	22.26 1.33 0.00	21.44 1.17 0.00	19.98 1.19 0.00	20.21 1.44 0.30	22.65 1.49 0.00	22.12 1.58 0.00	21.83 1.59 0.00	23.83 2.13 0.00	22.74 1.82 0.00	22.42 1.79 0.00	23.13 2.15 -1.08	42.82 2.19 -21.63	32.32 2.22 -10.29	21.78 1.91 0.00	31.90 2.72 0.00	56.01 3.87 0.00	46.89 2.80 0.00	23.57 2.08 0.00	20.49 1.65 0.00	22.61 2.04 0.00	22.63 1.78 0.00	23.47 1.80 0.00
NPX_GEN_CSC 323557	19.12 1.49 0.50	23.95 1.32 -2.24	22.15 1.22 0.00	21.42 1.15 0.00	19.97 1.18 0.00	20.23 1.45 0.30	22.86 1.69 0.00	22.33 1.79 0.00	21.99 1.75 0.00	23.61 1.91 1.95	20.81 1.83 9.25	13.02 1.64 4.69	17.01 1.80 -0.13	20.92 1.79 -0.13	32.03 1.92 -10.29	21.66 1.79 0.00	31.83 2.65 0.00	63.41 5.37 -5.90	216.86 4.24 -168.52	23.61 2.12 0.00	48.75 2.07 -27.85	22.73 2.16 0.00	22.98 2.12 0.00	23.71 2.03 0.00
NSINS_S_GLNS_FALLS 23858	18.62 0.48 0.00	20.83 0.44 0.00	21.31 0.37 0.00	20.66 0.39 0.00	19.21 0.41 0.00	19.77 0.70 0.00	22.08 0.92 0.00	21.57 1.03 0.00	21.23 0.99 0.00	22.74 1.04 0.00	21.86 0.94 0.00	21.51 0.88 0.00	20.79 0.89 0.00	19.84 0.84 0.00	20.64 0.83 0.00	20.66 0.80 0.00	30.57 1.39 0.00	54.60 2.46 0.00	46.20 2.11 0.00	22.58 1.09 0.00	19.78 0.94 0.00	21.52 0.95 0.00	21.79 0.93 0.00	22.45 0.77 0.00
NUCOR_STEEL___DRP 24197	18.08 -0.06 0.00	20.24 -0.16 0.00	20.72 -0.21 0.00	20.03 -0.23 0.00	18.68 -0.11 0.00	19.09 0.01 0.00	21.21 0.04 0.00	20.63 0.08 0.00	20.32 0.08 0.00	21.68 -0.02 0.00	20.87 -0.05 0.00	20.60 -0.03 0.00	19.76 -0.14 0.00	18.90 -0.10 0.00	19.62 -0.19 0.00	19.77 -0.09 0.00	29.07 -0.11 0.00	52.21 0.07 0.00	44.26 0.17 0.00	21.38 -0.11 0.00	18.78 -0.06 0.00	20.49 -0.08 0.00	20.71 -0.15 0.00	21.58 -0.10 0.00
NUMBER_THREE_WT_PWR 323818	18.18 0.04 0.00	20.49 0.09 0.00	21.15 0.22 0.00	20.48 0.21 0.00	18.97 0.17 0.00	19.31 0.23 0.00	21.59 0.42 0.00	20.96 0.42 0.00	20.65 0.41 0.00	22.11 0.41 0.00	21.20 0.28 0.00	20.71 0.08 0.00	19.89 -0.01 0.00	18.87 -0.13 0.00	19.68 -0.13 0.00	19.62 -0.24 0.00	28.96 -0.22 0.00	52.41 0.27 0.00	44.83 0.74 0.00	21.42 -0.07 0.00	18.76 -0.08 0.00	20.45 -0.12 0.00	20.62 -0.23 0.00	21.37 -0.31 0.00
NYISO_LBMP_REFERENCE 24008	18.13 0.00 0.00	20.39 0.00 0.00	20.93 0.00 0.00	20.27 0.00 0.00	18.79 0.00 0.00	19.08 0.00 0.00	21.17 0.00 0.00	20.54 0.00 0.00	20.24 0.00 0.00	21.70 0.00 0.00	20.92 0.00 0.00	20.63 0.00 0.00	19.90 0.00 0.00	19.00 0.00 0.00	19.81 0.00 0.00	19.86 0.00 0.00	29.18 0.00 0.00	52.14 0.00 0.00	44.09 0.00 0.00	21.50 0.00 0.00	18.84 0.00 0.00	20.57 0.00 0.00	20.86 0.00 0.00	21.68 0.00 0.00
NYPA_BRENTWD___GT 24164	19.62 1.48 0.00	21.72 1.33 0.00	22.17 1.24 0.00	21.45 1.18 0.00	19.99 1.20 0.00	20.54 1.46 0.00	22.91 1.74 0.00	22.38 1.84 0.00	22.10 1.85 0.00	23.87 2.16 0.00	23.05 2.13 0.00	22.64 2.01 0.00	23.13 2.15 -1.08	42.77 2.14 -21.63	32.36 2.25 -10.29	21.98 2.11 0.00	32.20 3.02 0.00	58.06 5.44 -0.48	62.04 4.23 -13.72	23.78 2.28 0.00	23.16 2.05 -2.26	22.78 2.22 0.00	23.01 2.15 0.00	23.72 2.04 0.00
NYPA_GOWANUS___GT5 24156	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.88 0.00	22.72 1.80 0.00	22.38 1.75 0.00	21.65 1.75 0.00	20.73 1.73 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.74 2.56 0.00	56.83 4.68 0.00	47.96 3.87 0.00	23.50 2.01 0.00	20.59 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01
NYPA_GOWANUS___GT6 24157	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.83 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.66 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.88 0.00	22.72 1.80 0.00	22.38 1.75 0.00	21.65 1.75 0.00	20.73 1.73 0.00	21.63 1.82 0.00	21.66 1.80 0.00	31.74 2.56 0.00	56.83 4.68 0.00	47.96 3.87 0.00	23.50 2.01 0.00	20.59 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01

NYPA_HARLEM__RVR__GT1 24160	19.13 0.99 0.00	21.21 0.82 0.00	21.61 0.68 0.00	20.99 0.73 0.00	19.59 0.79 0.00	20.07 0.99 0.00	22.52 1.35 0.00	22.02 1.48 0.00	21.72 1.48 0.00	23.47 1.76 0.00	22.60 1.68 0.00	22.24 1.62 0.00	21.52 1.62 0.00	20.60 1.61 0.00	21.48 1.68 0.00	21.53 1.66 0.00	31.54 2.36 0.00	56.34 4.21 0.00	47.65 3.56 0.00	23.38 1.89 0.00	20.46 1.61 0.00	22.20 1.63 -0.01	22.41 1.54 -0.01	23.09 1.41 0.00
NYPA_HARLEM__RVR__GT2 24161	19.13 0.99 0.00	21.21 0.82 0.00	21.61 0.68 0.00	20.99 0.73 0.00	19.59 0.79 0.00	20.07 0.99 0.00	22.52 1.35 0.00	22.02 1.48 0.00	21.72 1.48 0.00	23.47 1.76 0.00	22.60 1.68 0.00	22.24 1.62 0.00	21.52 1.62 0.00	20.60 1.61 0.00	21.48 1.68 0.00	21.53 1.66 0.00	31.54 2.36 0.00	56.34 4.21 0.00	47.65 3.56 0.00	23.38 1.89 0.00	20.46 1.61 0.00	22.20 1.63 -0.01	22.41 1.54 -0.01	23.09 1.41 0.00
NYPA_KENT____GT 24152	19.22 1.09 0.00	21.33 0.93 0.00	21.72 0.78 0.00	21.06 0.79 0.00	19.62 0.82 0.00	20.14 1.07 0.00	22.61 1.45 0.00	22.13 1.59 0.00	21.85 1.61 0.00	23.56 1.86 0.00	22.70 1.78 0.00	22.34 1.71 0.00	21.61 1.71 0.00	20.69 1.69 0.00	21.58 1.77 0.00	21.61 1.75 0.00	31.69 2.51 0.00	56.69 4.55 0.00	47.88 3.79 0.00	23.46 1.96 0.00	20.55 1.70 0.00	22.35 1.76 -0.02	22.57 1.69 -0.02	23.20 1.52 -0.01
NYPA_POUCH1____GT 24155	19.24 1.11 0.00	21.35 0.95 0.00	21.74 0.81 0.00	21.08 0.81 0.00	19.63 0.84 0.00	20.15 1.07 0.00	22.62 1.45 0.00	22.10 1.56 0.00	21.79 1.55 0.00	23.50 1.80 0.00	22.64 1.72 0.00	22.31 1.68 0.00	21.59 1.69 0.00	20.67 1.68 0.00	21.57 1.76 0.00	21.60 1.74 0.00	31.66 2.48 0.00	56.71 4.57 0.00	47.82 3.73 0.00	23.45 1.96 0.00	20.54 1.69 0.00	22.33 1.73 -0.03	22.58 1.69 -0.04	23.22 1.53 -0.01
NYPA_VERNON____GT2 24162	19.18 1.05 0.00	21.27 0.88 0.00	21.66 0.73 0.00	21.01 0.75 0.00	19.58 0.78 0.00	20.11 1.03 0.00	22.57 1.40 0.00	22.10 1.56 0.00	21.82 1.58 0.00	23.54 1.84 0.00	22.67 1.75 0.00	22.29 1.67 0.00	21.56 1.66 0.00	20.64 1.64 0.00	21.53 1.72 0.00	21.56 1.70 0.00	31.62 2.45 0.00	56.62 4.48 0.00	47.84 3.75 0.00	23.44 1.94 0.00	20.52 1.68 0.00	22.29 1.71 -0.01	22.51 1.64 -0.02	23.14 1.46 0.00
NYPA_VERNON____GT3 24163	19.18 1.05 0.00	21.27 0.88 0.00	21.66 0.73 0.00	21.01 0.75 0.00	19.58 0.78 0.00	20.11 1.03 0.00	22.57 1.40 0.00	22.10 1.56 0.00	21.82 1.58 0.00	23.54 1.84 0.00	22.67 1.75 0.00	22.29 1.67 0.00	21.56 1.66 0.00	20.64 1.64 0.00	21.53 1.72 0.00	21.56 1.70 0.00	31.62 2.45 0.00	56.62 4.48 0.00	47.84 3.75 0.00	23.44 1.94 0.00	20.52 1.68 0.00	22.29 1.71 -0.01	22.51 1.64 -0.02	23.14 1.46 0.00
NYPA__ASTORIA_CC1 323568	19.15 1.02 0.00	21.24 0.84 0.00	21.63 0.69 0.00	20.98 0.71 0.00	19.55 0.76 0.00	20.07 0.99 0.00	22.53 1.36 0.00	22.06 1.52 0.00	21.78 1.54 0.00	23.50 1.80 0.00	22.63 1.71 0.00	22.26 1.64 0.00	21.53 1.63 0.00	20.61 1.61 0.00	21.50 1.69 0.00	21.53 1.67 0.00	31.58 2.40 0.00	56.52 4.38 0.00	47.75 3.66 0.00	23.39 1.90 0.00	20.48 1.64 0.00	22.24 1.67 -0.01	22.46 1.60 -0.01	23.10 1.42 0.00
NYPA__ASTORIA_CC2 323569	19.15 1.02 0.00	21.24 0.84 0.00	21.63 0.69 0.00	20.98 0.71 0.00	19.55 0.76 0.00	20.07 0.99 0.00	22.53 1.36 0.00	22.06 1.52 0.00	21.78 1.54 0.00	23.50 1.80 0.00	22.63 1.71 0.00	22.26 1.64 0.00	21.53 1.63 0.00	20.61 1.61 0.00	21.50 1.69 0.00	21.53 1.67 0.00	31.58 2.40 0.00	56.52 4.38 0.00	47.75 3.66 0.00	23.39 1.90 0.00	20.48 1.64 0.00	22.24 1.67 -0.01	22.46 1.60 -0.01	23.10 1.42 0.00
NYPA__HOLTSVILL 23794	19.53 1.40 0.00	21.64 1.24 0.00	22.07 1.14 0.00	21.36 1.09 0.00	19.90 1.11 0.00	20.46 1.38 0.00	22.78 1.62 0.00	22.26 1.72 0.00	21.95 1.71 0.00	23.66 1.96 0.00	22.83 1.92 0.00	22.41 1.78 0.00	22.91 1.93 -1.08	42.55 1.92 -21.63	32.13 2.03 -10.29	21.77 1.90 0.00	31.93 2.75 0.00	63.19 5.14 -5.91	216.88 4.08 -168.70	23.62 2.12 0.00	48.68 1.96 -27.88	22.66 2.09 0.00	22.90 2.04 0.00	23.61 1.93 0.00
NYPA__HELLGATE_GT1 24158	19.13 0.99 0.00	21.21 0.82 0.00	21.61 0.68 0.00	20.99 0.73 0.00	19.59 0.79 0.00	20.07 0.99 0.00	22.52 1.35 0.00	22.02 1.48 0.00	21.72 1.48 0.00	23.47 1.76 0.00	22.60 1.68 0.00	22.24 1.62 0.00	21.52 1.62 0.00	20.60 1.61 0.00	21.48 1.68 0.00	21.53 1.66 0.00	31.54 2.36 0.00	56.34 4.21 0.00	47.65 3.56 0.00	23.38 1.89 0.00	20.46 1.61 0.00	22.20 1.63 -0.01	22.41 1.54 -0.01	23.09 1.41 0.00
NYPA__HELLGATE_GT2 24159	19.13 0.99 0.00	21.21 0.82 0.00	21.61 0.68 0.00	20.99 0.73 0.00	19.59 0.79 0.00	20.07 0.99 0.00	22.52 1.35 0.00	22.02 1.48 0.00	21.72 1.48 0.00	23.47 1.76 0.00	22.60 1.68 0.00	22.24 1.62 0.00	21.52 1.62 0.00	20.60 1.61 0.00	21.48 1.68 0.00	21.53 1.66 0.00	31.54 2.36 0.00	56.34 4.21 0.00	47.65 3.56 0.00	23.38 1.89 0.00	20.46 1.61 0.00	22.20 1.63 -0.01	22.41 1.54 -0.01	23.09 1.41 0.00
NYS_BARGE__HYD 23848	16.76 -1.24 0.13	18.90 -1.39 0.11	17.15 -1.42 2.36	18.33 -1.55 0.39	17.50 -1.30 0.00	16.05 -1.20 1.83	17.34 -1.40 2.43	18.82 -1.47 0.25	17.30 -1.38 1.56	20.18 -1.53 0.00	19.38 -1.54 0.00	19.37 -1.26 0.00	18.54 -1.36 0.00	17.62 -1.38 0.00	18.24 -1.57 0.00	18.37 -1.49 0.00	27.09 -2.09 0.00	48.58 -3.56 0.00	40.96 -3.13 0.00	19.69 -1.81 0.00	17.28 -1.56 0.00	18.89 -1.68 0.00	19.52 -1.34 0.00	20.57 -1.11 0.00
OAK_ORCHARD__HYD 24046	17.28 -0.78 0.07	19.43 -0.90 0.06	18.67 -0.99 1.27	19.04 -1.02 0.21	17.97 -0.83 0.00	17.32 -0.77 0.98	19.01 -0.83 1.33	19.60 -0.81 0.13	18.59 -0.79 0.86	20.78 -0.92 0.00	19.98 -0.95 0.00	19.86 -0.77 0.00	19.06 -0.84 0.00	18.16 -0.84 0.00	18.84 -0.96 0.00	18.96 -0.90 0.00	28.01 -1.17 0.00	50.19 -1.95 0.00	42.41 -1.68 0.00	20.49 -1.01 0.00	17.95 -0.88 0.00	19.60 -0.97 0.00	20.04 -0.81 0.00	20.94 -0.74 0.00
OAKDALE__35_KV_LOAD 356122	18.25 0.12 0.00	20.41 0.01 0.00	20.86 -0.07 0.00	20.20 -0.07 0.00	18.84 0.04 0.00	19.21 0.14 0.00	21.42 0.25 0.00	20.90 0.35 0.00	20.60 0.36 0.00	21.96 0.26 0.00	21.13 0.21 0.00	20.84 0.21 0.00	20.11 0.22 0.00	19.21 0.21 0.00	19.95 0.14 0.00	20.04 0.17 0.00	29.50 0.33 0.00	52.71 0.58 0.00	44.62 0.53 0.00	21.65 0.16 0.00	18.99 0.15 0.00	20.67 0.10 0.00	21.00 0.14 0.00	21.72 0.04 0.00
OCC_CHEM__DRP 24175	16.52 -1.61 0.00	18.68 -1.71 0.00	19.18 -1.76 0.00	18.41 -1.86 0.00	17.19 -1.61 0.00	17.55 -1.52 0.00	19.41 -1.76 0.00	18.57 -1.98 0.00	18.43 -1.81 0.00	19.69 -2.02 0.00	18.93 -1.99 0.00	18.95 -1.68 0.00	18.13 -1.77 0.00	17.22 -1.78 0.00	17.85 -1.96 0.00	17.95 -1.91 0.00	26.44 -2.74 0.00	47.31 -4.84 0.00	39.85 -4.24 0.00	19.18 -2.32 0.00	16.83 -2.01 0.00	18.40 -2.17 0.00	19.03 -1.82 0.00	20.06 -1.62 0.00

OH_GEN_PROXY 24063	16.09 -1.40 0.64	20.99 -1.53 -2.12	16.68 -1.61 2.64	18.15 -1.68 0.43	17.37 -1.43 0.00	15.33 -1.40 2.34	16.86 -1.59 2.72	18.65 -1.62 0.27	16.98 -1.52 1.74	20.05 -1.66 0.00	19.28 -1.64 0.00	19.28 -1.35 0.00	18.47 -1.43 0.00	17.56 -1.44 0.00	18.19 -1.62 0.00	18.31 -1.55 0.00	26.97 -2.21 0.00	48.24 -3.90 0.00	40.63 -3.47 0.00	19.54 -1.95 0.00	17.15 -1.69 0.00	18.76 -1.81 0.00	19.35 -1.50 0.00	20.35 -1.32 0.00
OLIN_CORP_DRP 24177	16.62 -1.51 0.00	18.70 -1.69 0.00	19.23 -1.70 0.00	18.44 -1.83 0.00	17.22 -1.58 0.00	17.62 -1.46 0.00	19.44 -1.73 0.00	18.70 -1.84 0.00	18.51 -1.73 0.00	19.82 -1.88 0.00	19.06 -1.86 0.00	19.06 -1.57 0.00	18.24 -1.66 0.00	17.32 -1.68 0.00	17.95 -1.86 0.00	18.07 -1.79 0.00	26.61 -2.57 0.00	47.65 -4.49 0.00	40.15 -3.93 0.00	19.32 -2.18 0.00	16.95 -1.89 0.00	18.53 -2.03 0.00	19.18 -1.68 0.00	20.24 -1.44 0.00
OLIN_CORP_DSASP 323712	16.38 -1.61 0.14	18.55 -1.72 0.12	16.58 -1.77 2.59	17.97 -1.88 0.42	17.19 -1.61 0.00	15.52 -1.55 2.01	16.71 -1.80 2.66	18.30 -1.97 0.27	16.71 -1.82 1.70	19.68 -2.02 0.00	18.92 -1.99 0.00	18.94 -1.68 0.00	18.13 -1.77 0.00	17.22 -1.78 0.00	17.83 -1.98 0.00	17.95 -1.91 0.00	26.44 -2.74 0.00	47.32 -4.82 0.00	39.84 -4.25 0.00	19.16 -2.33 0.00	16.83 -2.01 0.00	18.40 -2.17 0.00	19.03 -1.83 0.00	20.06 -1.62 0.00
ONEIDA_HERK_LFGE 323681	18.49 0.36 0.00	20.77 0.38 0.00	21.34 0.41 0.00	20.67 0.40 0.00	19.19 0.40 0.00	19.55 0.47 0.00	21.82 0.66 0.00	21.20 0.66 0.00	20.91 0.67 0.00	22.39 0.69 0.00	21.53 0.61 0.00	21.13 0.50 0.00	20.35 0.45 0.00	19.33 0.34 0.00	20.10 0.29 0.00	20.10 0.24 0.00	29.65 0.47 0.00	53.40 1.26 0.00	45.41 1.32 0.00	21.93 0.44 0.00	19.22 0.38 0.00	20.94 0.38 0.00	21.17 0.31 0.00	21.93 0.25 0.00
ONEIDA___115KV_TB4 55905	18.71 0.58 0.00	20.96 0.57 0.00	21.48 0.54 0.00	20.80 0.54 0.00	19.36 0.56 0.00	19.75 0.67 0.00	22.04 0.87 0.00	21.44 0.90 0.00	21.14 0.90 0.00	22.63 0.93 0.00	21.77 0.85 0.00	21.42 0.79 0.00	20.62 0.72 0.00	19.53 0.53 0.00	20.19 0.39 0.00	20.24 0.38 0.00	29.90 0.73 0.00	53.85 1.71 0.00	45.67 1.58 0.00	22.15 0.65 0.00	19.40 0.56 0.00	21.13 0.56 0.00	21.40 0.54 0.00	22.15 0.47 0.00
ONONDAGA_REF_OCCRA 23987	17.94 -0.20 0.00	20.07 -0.33 0.00	20.53 -0.41 0.00	19.87 -0.39 0.00	18.52 -0.27 0.00	18.88 -0.19 0.00	21.00 -0.17 0.00	20.42 -0.12 0.00	20.13 -0.11 0.00	21.52 -0.18 0.00	20.72 -0.20 0.00	20.44 -0.19 0.00	19.67 -0.23 0.00	18.78 -0.21 0.00	19.53 -0.28 0.00	19.63 -0.24 0.00	28.92 -0.25 0.00	51.78 -0.37 0.00	43.84 -0.25 0.00	21.29 -0.20 0.00	18.66 -0.18 0.00	20.32 -0.24 0.00	20.62 -0.23 0.00	21.38 -0.30 0.00
ONONDAGA___COGEN 23986	17.91 -0.22 0.00	20.05 -0.35 0.00	20.50 -0.43 0.00	19.84 -0.43 0.00	18.49 -0.30 0.00	18.86 -0.22 0.00	20.95 -0.22 0.00	20.37 -0.18 0.00	20.07 -0.17 0.00	21.47 -0.24 0.00	20.67 -0.25 0.00	20.39 -0.24 0.00	19.62 -0.28 0.00	18.75 -0.25 0.00	19.50 -0.31 0.00	19.61 -0.25 0.00	28.87 -0.31 0.00	51.67 -0.48 0.00	43.72 -0.37 0.00	21.23 -0.27 0.00	18.61 -0.23 0.00	20.27 -0.29 0.00	20.56 -0.30 0.00	21.33 -0.34 0.00
ONTARIO___LFGE 23819	18.08 -0.06 0.00	20.23 -0.17 0.00	20.67 -0.27 0.00	20.01 -0.26 0.00	18.69 -0.10 0.00	19.08 0.00 0.00	21.33 0.16 0.00	20.82 0.27 0.00	20.47 0.23 0.00	21.74 0.03 0.00	20.85 -0.07 0.00	20.55 -0.07 0.00	19.75 -0.15 0.00	18.83 -0.16 0.00	19.52 -0.28 0.00	19.69 -0.17 0.00	29.13 -0.05 0.00	52.10 -0.04 0.00	44.20 0.10 0.00	21.47 -0.03 0.00	18.80 -0.04 0.00	20.45 -0.12 0.00	20.78 -0.08 0.00	21.54 -0.13 0.00
ORANGEVILLE_WT_PWR 323706	16.92 -1.06 0.15	19.12 -1.14 0.13	16.90 -1.22 2.82	18.48 -1.33 0.46	17.73 -1.07 0.00	15.86 -1.03 2.18	17.08 -1.19 2.90	19.04 -1.20 0.29	17.28 -1.11 1.85	20.50 -1.20 0.00	19.72 -1.20 0.00	19.65 -0.97 0.00	18.77 -1.13 0.00	17.80 -1.20 0.00	18.45 -1.36 0.00	18.60 -1.27 0.00	27.47 -1.72 0.00	49.39 -2.75 0.00	41.59 -2.49 0.00	19.92 -1.57 0.00	17.41 -1.42 0.00	19.07 -1.49 0.00	19.71 -1.15 0.00	20.72 -0.95 0.00
ORANGEVILLE___ESR 323794	16.92 -1.06 0.15	19.12 -1.14 0.13	16.90 -1.22 2.82	18.48 -1.33 0.46	17.73 -1.07 0.00	15.86 -1.03 2.18	17.08 -1.19 2.90	19.04 -1.20 0.29	17.28 -1.11 1.85	20.50 -1.20 0.00	19.72 -1.20 0.00	19.65 -0.97 0.00	18.77 -1.13 0.00	17.80 -1.20 0.00	18.45 -1.36 0.00	18.60 -1.27 0.00	27.47 -1.72 0.00	49.39 -2.75 0.00	41.59 -2.49 0.00	19.92 -1.57 0.00	17.41 -1.42 0.00	19.07 -1.49 0.00	19.71 -1.15 0.00	20.72 -0.95 0.00
OSWEGATCHIE___HYD 24044	17.93 -0.20 0.00	20.31 -0.08 0.00	20.98 0.04 0.00	20.31 0.04 0.00	18.71 -0.09 0.00	18.88 -0.19 0.00	21.03 -0.14 0.00	20.38 -0.16 0.00	20.05 -0.19 0.00	21.50 -0.20 0.00	20.65 -0.27 0.00	20.23 -0.39 0.00	19.43 -0.47 0.00	18.46 -0.54 0.00	19.31 -0.50 0.00	19.31 -0.56 0.00	28.46 -0.72 0.00	51.21 -0.93 0.00	43.58 -0.51 0.00	20.99 -0.51 0.00	18.36 -0.48 0.00	20.09 -0.48 0.00	20.37 -0.49 0.00	21.21 -0.47 0.00
OSWEGO___5 23606	17.58 -0.55 0.00	19.70 -0.70 0.00	20.16 -0.77 0.00	19.52 -0.75 0.00	18.18 -0.61 0.00	18.51 -0.57 0.00	20.54 -0.63 0.00	19.95 -0.59 0.00	19.66 -0.58 0.00	21.05 -0.65 0.00	20.28 -0.64 0.00	20.02 -0.61 0.00	19.29 -0.61 0.00	18.42 -0.57 0.00	19.16 -0.64 0.00	19.24 -0.62 0.00	28.29 -0.89 0.00	50.62 -1.53 0.00	42.81 -1.28 0.00	20.81 -0.68 0.00	18.24 -0.59 0.00	19.89 -0.68 0.00	20.19 -0.67 0.00	20.95 -0.73 0.00
OSWEGO___6 23613	17.58 -0.55 0.00	19.70 -0.70 0.00	20.16 -0.77 0.00	19.52 -0.75 0.00	18.18 -0.61 0.00	18.51 -0.57 0.00	20.54 -0.63 0.00	19.95 -0.59 0.00	19.66 -0.58 0.00	21.05 -0.65 0.00	20.28 -0.64 0.00	20.02 -0.61 0.00	19.29 -0.61 0.00	18.42 -0.57 0.00	19.16 -0.64 0.00	19.24 -0.62 0.00	28.29 -0.89 0.00	50.62 -1.53 0.00	42.81 -1.28 0.00	20.81 -0.68 0.00	18.24 -0.59 0.00	19.89 -0.68 0.00	20.19 -0.67 0.00	20.95 -0.73 0.00
OUTOKUMPU-AB___DRP 24206	17.04 -1.09 0.00	19.21 -1.18 0.00	19.71 -1.22 0.00	18.93 -1.34 0.00	17.67 -1.12 0.00	18.06 -1.02 0.00	20.00 -1.16 0.00	19.24 -1.30 0.00	19.08 -1.16 0.00	20.41 -1.29 0.00	19.62 -1.30 0.00	19.60 -1.03 0.00	18.76 -1.14 0.00	17.82 -1.18 0.00	18.46 -1.34 0.00	18.58 -1.28 0.00	27.37 -1.81 0.00	49.04 -3.10 0.00	41.37 -2.72 0.00	19.88 -1.61 0.00	17.44 -1.40 0.00	19.06 -1.51 0.00	19.68 -1.17 0.00	20.70 -0.98 0.00
OXBOW___BTM 323836	16.65 -1.34 0.14	18.82 -1.45 0.12	16.83 -1.49 2.62	18.23 -1.61 0.43	17.44 -1.36 0.00	15.77 -1.28 2.03	16.99 -1.48 2.69	18.64 -1.63 0.27	17.04 -1.48 1.72	20.06 -1.64 0.00	19.28 -1.63 0.00	19.29 -1.34 0.00	18.46 -1.44 0.00	17.53 -1.46 0.00	18.16 -1.64 0.00	18.28 -1.58 0.00	26.92 -2.26 0.00	48.21 -3.93 0.00	40.65 -3.44 0.00	19.54 -1.96 0.00	17.15 -1.69 0.00	18.74 -1.82 0.00	19.37 -1.49 0.00	20.39 -1.29 0.00

OXBOW____ 24026	16.79 -1.35 0.00	18.95 -1.44 0.00	19.45 -1.48 0.00	18.67 -1.60 0.00	17.44 -1.36 0.00	17.81 -1.27 0.00	19.72 -1.44 0.00	18.91 -1.63 0.00	18.77 -1.47 0.00	20.07 -1.64 0.00	19.29 -1.63 0.00	19.29 -1.33 0.00	18.47 -1.44 0.00	17.53 -1.47 0.00	18.17 -1.64 0.00	18.28 -1.58 0.00	26.92 -2.26 0.00	48.21 -3.93 0.00	40.65 -3.44 0.00	19.54 -1.95 0.00	17.15 -1.69 0.00	18.74 -1.83 0.00	19.37 -1.49 0.00	20.39 -1.29 0.00
OXY_CHEM_DSASP 323612	16.52 -1.61 0.00	18.68 -1.71 0.00	19.18 -1.76 0.00	18.41 -1.86 0.00	17.19 -1.61 0.00	17.55 -1.52 0.00	19.41 -1.76 0.00	18.57 -1.98 0.00	18.43 -1.81 0.00	19.69 -2.02 0.00	18.93 -1.99 0.00	18.95 -1.68 0.00	18.13 -1.77 0.00	17.22 -1.78 0.00	17.85 -1.96 0.00	17.95 -1.91 0.00	26.44 -2.74 0.00	47.31 -4.84 0.00	39.85 -4.24 0.00	19.18 -2.32 0.00	16.83 -2.01 0.00	18.40 -2.17 0.00	19.03 -1.82 0.00	20.06 -1.62 0.00
OZONE_PARK_ESR 323760	19.31 1.17 0.00	21.41 1.02 0.00	21.79 0.86 0.00	21.13 0.87 0.00	19.69 0.90 0.00	20.23 1.15 0.00	22.70 1.53 0.00	22.24 1.70 0.00	21.96 1.72 0.00	23.65 1.95 0.00	22.82 1.90 0.00	22.47 1.85 0.00	21.74 1.84 0.00	20.81 1.82 0.00	21.70 1.89 0.00	21.73 1.87 0.00	31.91 2.73 0.00	57.07 4.93 0.00	48.16 4.07 0.00	23.59 2.10 0.00	20.66 1.82 0.00	22.46 1.89 0.00	22.69 1.83 0.00	23.28 1.61 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	16.52 -1.61 0.00	18.68 -1.71 0.00	19.18 -1.76 0.00	18.41 -1.86 0.00	17.19 -1.61 0.00	17.55 -1.52 0.00	19.41 -1.76 0.00	18.57 -1.98 0.00	18.43 -1.81 0.00	19.69 -2.02 0.00	18.93 -1.99 0.00	18.95 -1.68 0.00	18.13 -1.77 0.00	17.22 -1.78 0.00	17.85 -1.96 0.00	17.95 -1.91 0.00	26.44 -2.74 0.00	47.31 -4.84 0.00	39.85 -4.24 0.00	19.18 -2.32 0.00	16.83 -2.01 0.00	18.40 -2.17 0.00	19.03 -1.82 0.00	20.06 -1.62 0.00
PACKARD__115KV_DUPONT_184 80571	16.52 -1.61 0.00	18.68 -1.71 0.00	19.18 -1.76 0.00	18.41 -1.86 0.00	17.19 -1.61 0.00	17.55 -1.52 0.00	19.41 -1.76 0.00	18.57 -1.98 0.00	18.43 -1.81 0.00	19.69 -2.02 0.00	18.93 -1.99 0.00	18.95 -1.68 0.00	18.13 -1.77 0.00	17.22 -1.78 0.00	17.85 -1.96 0.00	17.95 -1.91 0.00	26.44 -2.74 0.00	47.31 -4.84 0.00	39.85 -4.24 0.00	19.18 -2.32 0.00	16.83 -2.01 0.00	18.40 -2.17 0.00	19.03 -1.82 0.00	20.06 -1.62 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.09 0.95 0.00	21.18 0.78 0.00	21.57 0.64 0.00	20.95 0.68 0.00	19.53 0.73 0.00	20.01 0.94 0.00	22.48 1.32 0.00	21.99 1.46 0.00	21.70 1.72 0.00	23.42 1.64 0.00	22.56 1.58 0.00	22.20 1.58 0.00	21.48 1.57 0.00	20.57 1.62 0.00	21.43 1.62 0.00	21.48 1.62 0.00	31.49 2.31 0.00	56.31 4.17 0.00	47.63 3.54 0.00	23.33 1.84 0.00	20.42 1.58 0.00	22.17 1.60 -0.01	22.37 1.51 -0.01	23.05 1.37 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.16 1.03 0.00	21.26 0.86 0.00	21.67 0.74 0.00	21.03 0.76 0.00	19.60 0.80 0.00	20.09 1.01 0.00	22.54 1.37 0.00	22.06 1.52 0.00	21.80 1.56 0.00	23.53 1.83 0.00	22.69 1.77 0.00	22.33 1.71 0.00	21.61 1.71 0.00	20.69 1.69 0.00	21.56 1.75 0.00	21.63 1.76 0.00	31.69 2.51 0.00	56.66 4.52 0.00	47.85 3.76 0.00	23.44 1.94 0.00	20.51 1.68 0.00	22.28 1.71 -0.01	22.47 1.61 -0.01	23.12 1.44 0.00
PATROON__115KV_TB1 80586	18.75 0.61 0.00	20.88 0.49 0.00	21.36 0.42 0.00	20.69 0.42 0.00	19.29 0.50 0.00	19.67 0.59 0.00	21.83 0.66 0.00	21.29 0.75 0.00	20.99 0.75 0.00	22.45 0.75 0.00	21.64 0.72 0.00	21.32 0.69 0.00	20.66 0.76 0.00	19.78 0.79 0.00	20.57 0.76 0.00	20.59 0.73 0.00	30.23 1.06 0.00	54.01 1.87 0.00	45.62 1.53 0.00	22.29 0.79 0.00	19.63 0.78 0.00	21.31 0.74 0.00	21.53 0.67 0.00	22.23 0.55 0.00
PATTRSNVILLE__SOLAR 323815	18.79 0.66 0.00	21.04 0.65 0.00	21.54 0.61 0.00	20.86 0.60 0.00	19.39 0.59 0.00	19.81 0.73 0.00	22.07 0.90 0.00	21.49 0.95 0.00	21.18 0.94 0.00	22.68 0.98 0.00	21.84 0.92 0.00	21.53 0.90 0.00	20.77 0.87 0.00	19.81 0.82 0.00	20.61 0.80 0.00	20.62 0.76 0.00	30.40 1.22 0.00	54.54 2.40 0.00	46.17 2.08 0.00	22.52 1.03 0.00	19.73 0.89 0.00	21.49 0.92 0.00	21.77 0.91 0.00	22.53 0.86 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.66 -0.48 0.00	19.86 -0.53 0.00	20.36 -0.58 0.00	19.57 -0.70 0.00	18.27 -0.53 0.00	18.67 -0.40 0.00	20.73 -0.43 0.00	20.03 -0.51 0.00	19.83 -0.41 0.00	21.22 -0.48 0.00	20.40 -0.52 0.00	20.34 -0.28 0.00	19.55 -0.35 0.00	18.62 -0.38 0.00	19.29 -0.52 0.00	19.40 -0.46 0.00	28.58 -0.60 0.00	51.10 -1.04 0.00	43.05 -1.04 0.00	20.67 -0.82 0.00	18.13 -0.70 0.00	19.83 -0.73 0.00	20.48 -0.37 0.00	21.45 -0.22 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.33 1.19 0.00	21.50 1.11 0.00	21.92 0.99 0.00	21.24 0.97 0.00	19.79 0.99 0.00	20.31 1.24 0.00	22.76 1.59 0.00	22.28 1.74 0.00	21.99 1.76 0.00	23.65 1.95 0.00	22.81 1.89 0.00	22.47 1.84 0.00	21.71 1.81 0.00	20.74 1.75 0.00	21.60 1.79 0.00	21.67 1.80 0.00	31.86 2.68 0.00	57.01 4.87 0.00	48.20 4.11 0.00	23.54 2.05 0.00	20.63 1.79 0.00	22.42 1.86 0.00	22.66 1.81 0.00	23.32 1.65 0.00
PEEKSKILL____ 23653	19.05 0.92 0.00	21.19 0.79 0.00	21.60 0.67 0.00	20.94 0.67 0.00	19.49 0.70 0.00	20.00 0.92 0.00	22.40 1.23 0.00	21.93 1.39 0.00	21.63 1.39 0.00	23.27 1.57 0.00	22.46 1.53 0.00	22.12 1.49 0.00	21.39 1.49 0.00	20.47 1.47 0.00	21.34 1.53 0.00	21.37 1.51 0.00	31.38 2.21 0.00	56.14 4.00 0.00	47.41 3.32 0.00	23.18 1.68 0.00	20.31 1.47 0.00	22.09 1.52 0.00	22.34 1.48 0.00	23.00 1.32 0.00
PGE MADISON__WINDPWR 24146	19.52 1.35 -0.04	21.96 1.53 -0.04	23.17 1.48 -0.75	21.88 1.49 -0.12	20.35 1.55 0.00	21.40 1.74 -0.58	24.09 2.15 -0.77	22.88 2.27 -0.08	23.00 2.27 -0.49	23.99 2.29 0.00	24.10 3.18 0.00	23.69 3.07 0.00	21.79 1.89 0.00	20.61 1.62 0.00	21.31 1.51 0.00	21.45 1.59 0.00	31.94 2.76 0.00	57.59 5.45 0.00	48.87 4.78 0.00	23.58 2.09 0.00	20.58 1.74 0.00	22.24 1.67 0.00	22.54 1.68 0.00	23.32 1.64 0.00
PIERCEFIELD__HYD 23852	17.87 -0.27 0.00	20.34 -0.05 0.00	21.03 0.09 0.00	20.35 0.08 0.00	18.65 -0.15 0.00	18.66 -0.42 0.00	20.68 -0.49 0.00	19.97 -0.57 0.00	19.63 -0.61 0.00	21.06 -0.64 0.00	20.28 -0.64 0.00	19.94 -0.68 0.00	19.16 -0.74 0.00	18.21 -0.79 0.00	19.10 -0.70 0.00	19.17 -0.69 0.00	28.22 -0.95 0.00	50.45 -1.70 0.00	42.71 -1.38 0.00	20.74 -0.75 0.00	18.12 -0.72 0.00	19.90 -0.67 0.00	20.28 -0.58 0.00	21.25 -0.43 0.00
PINELAWN_CC_1 323563	19.49 1.35 0.00	21.60 1.21 0.00	22.04 1.11 0.00	21.32 1.05 0.00	19.87 1.07 0.00	20.43 1.35 0.00	22.79 1.63 0.00	22.28 1.75 0.00	22.01 1.77 0.00	23.76 2.06 0.00	22.94 2.02 0.00	22.56 1.94 0.00	23.02 2.04 -1.08	42.66 2.03 -21.63	32.24 2.14 -10.29	21.88 2.02 0.00	32.08 2.90 0.00	57.54 5.16 -0.23	54.93 4.16 -6.68	23.69 2.19 0.00	21.89 1.95 -1.10	22.66 2.10 0.00	22.87 2.02 0.00	23.56 1.88 0.00

PJM_GEN_HTP_PROXY 323702	16.86 0.98 2.25	21.20 0.81 0.00	21.59 0.66 0.00	20.94 0.68 0.00	20.18 0.72 -0.67	19.81 0.97 0.23	22.47 1.30 0.00	22.01 1.47 0.00	21.72 1.49 0.00	23.41 1.71 0.00	22.58 1.66 0.00	22.24 1.61 0.00	21.51 1.61 0.00	20.59 1.59 0.00	21.48 1.67 0.00	21.51 1.64 0.00	31.56 2.38 0.00	56.44 4.30 0.00	47.63 3.54 0.00	22.72 1.84 0.61	20.44 1.60 0.00	22.33 1.65 -0.11	22.44 1.58 0.00	23.05 1.37 0.00
PJM_GEN_KEystone 24065	15.82 0.06 2.38	20.21 -0.07 0.11	18.30 -0.19 2.45	19.66 -0.21 0.40	19.37 -0.09 -0.67	16.99 0.04 2.13	18.86 0.19 2.51	20.60 0.31 0.25	18.98 0.34 1.60	22.09 0.38 0.00	21.30 0.38 0.00	21.08 0.45 0.00	20.35 0.45 0.00	19.47 0.47 0.00	20.24 0.44 0.00	20.30 0.44 0.00	29.83 0.65 0.00	53.29 1.15 0.00	44.97 0.88 0.00	21.22 0.33 0.61	19.14 0.30 0.00	20.99 0.31 -0.11	21.28 0.42 0.00	26.44 0.34 -4.42
PJM_GEN_NEPTUNE_PROXY 323594	17.02 1.14 2.25	21.38 0.99 0.00	21.81 0.88 0.00	21.11 0.84 0.00	20.34 0.88 -0.67	19.97 1.13 0.23	22.57 1.40 0.00	22.07 1.53 0.00	21.79 1.55 0.00	23.51 1.81 0.00	22.70 1.78 0.00	22.36 1.74 0.00	22.78 1.80 -1.08	42.41 1.78 -21.63	31.96 1.86 -10.29	21.64 1.77 0.00	31.72 2.54 0.00	56.61 4.47 0.00	47.72 3.63 0.00	22.81 1.93 0.61	20.55 1.71 0.00	22.50 1.81 -0.11	22.61 1.76 0.00	23.29 1.61 0.00
PJM_GEN_VFT_PROXY 323633	16.80 0.91 2.25	21.12 0.72 0.00	21.51 0.57 0.00	20.86 0.59 0.00	20.10 0.63 -0.67	19.73 0.88 0.23	22.38 1.21 0.00	21.92 1.38 0.00	21.63 1.39 0.00	23.31 1.61 0.00	22.49 1.57 0.00	22.14 1.51 0.00	21.41 1.51 0.00	20.50 1.51 0.00	21.38 1.57 0.00	21.40 1.54 0.00	31.42 2.24 0.00	56.21 4.07 0.00	47.45 3.35 0.00	22.63 1.74 0.61	20.36 1.52 0.00	22.24 1.56 -0.11	22.36 1.50 0.00	22.97 1.29 0.00
PLATSBURG_115KV_PMLD1 355749	18.63 0.50 0.00	21.15 0.75 0.00	21.94 1.01 0.00	21.39 1.13 0.00	19.66 0.87 0.00	19.77 0.70 0.00	22.01 0.84 0.00	21.26 0.72 0.00	20.74 0.50 0.00	22.12 0.41 0.00	21.33 0.41 0.00	20.99 0.36 0.00	20.11 0.21 0.00	19.18 0.19 0.00	20.08 0.27 0.00	20.40 0.54 0.00	29.85 0.67 0.00	52.79 0.65 0.00	44.59 0.50 0.00	21.61 0.12 0.00	18.90 0.06 0.00	20.69 0.13 0.00	21.06 0.20 0.00	22.04 0.36 0.00
PLEASANTVLY__LBMP 24000	18.95 0.82 0.00	21.10 0.70 0.00	21.53 0.60 0.00	20.86 0.59 0.00	19.42 0.63 0.00	19.93 0.85 0.00	22.29 1.12 0.00	21.80 1.26 0.00	21.51 1.27 0.00	23.12 1.41 0.00	22.30 1.38 0.00	21.96 1.34 0.00	21.25 1.35 0.00	20.33 1.33 0.00	21.17 1.37 0.00	21.22 1.36 0.00	31.15 1.97 0.00	55.67 3.53 0.00	47.05 2.96 0.00	23.00 1.51 0.00	20.17 1.33 0.00	21.93 1.37 0.00	22.18 1.33 0.00	22.85 1.18 0.00
PLSNTVLE_13_KV_13.8KV DIST 80602	19.09 0.96 0.00	21.22 0.82 0.00	21.63 0.70 0.00	20.97 0.70 0.00	19.53 0.73 0.00	20.03 0.96 0.00	22.43 1.27 0.00	21.96 1.43 0.00	21.66 1.42 0.00	23.32 1.61 0.00	22.50 1.58 0.00	22.15 1.52 0.00	21.44 1.54 0.00	20.50 1.51 0.00	21.36 1.55 0.00	21.40 1.54 0.00	31.44 2.26 0.00	56.20 4.06 0.00	47.45 3.36 0.00	23.22 1.73 0.00	20.35 1.51 0.00	22.11 1.55 0.00	22.37 1.51 0.00	23.02 1.34 0.00
PLSNTVLE_13_KV_13KV DISA_REV_LBMP_I 345020	19.09 0.96 0.00	21.22 0.82 0.00	21.63 0.70 0.00	20.97 0.70 0.00	19.53 0.73 0.00	20.03 0.96 0.00	22.43 1.27 0.00	21.96 1.43 0.00	21.66 1.42 0.00	23.32 1.61 0.00	22.50 1.58 0.00	22.15 1.52 0.00	21.44 1.54 0.00	20.50 1.51 0.00	21.36 1.55 0.00	21.40 1.54 0.00	31.44 2.26 0.00	56.20 4.06 0.00	47.45 3.36 0.00	23.22 1.73 0.00	20.35 1.51 0.00	22.11 1.55 0.00	22.37 1.51 0.00	23.02 1.34 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.35 1.22 0.00	21.54 1.15 0.00	21.98 1.04 0.00	21.29 1.03 0.00	19.83 1.04 0.00	20.36 1.28 0.00	22.81 1.64 0.00	22.34 1.80 0.00	22.04 1.81 0.00	23.68 1.97 0.00	22.82 1.90 0.00	22.47 1.85 0.00	21.69 1.79 0.00	20.72 1.72 0.00	21.58 1.77 0.00	21.65 1.79 0.00	31.89 2.71 0.00	57.08 4.94 0.00	48.29 4.20 0.00	23.57 2.08 0.00	20.66 1.82 0.00	22.46 1.89 0.00	22.71 1.85 0.00	23.37 1.69 0.00
POLETTI____ 23519	19.11 0.97 0.00	21.18 0.79 0.00	21.57 0.64 0.00	20.92 0.66 0.00	19.50 0.70 0.00	20.03 0.95 0.00	22.45 1.28 0.00	21.98 1.44 0.00	21.69 1.45 0.00	23.38 1.68 0.00	22.55 1.63 0.00	22.21 1.58 0.00	21.48 1.58 0.00	20.56 1.56 0.00	21.42 1.62 0.00	21.47 1.60 0.00	31.52 2.34 0.00	56.36 4.22 0.00	47.57 3.48 0.00	23.32 1.83 0.00	20.43 1.59 0.00	22.20 1.63 0.00	22.43 1.57 0.00	23.04 1.36 0.00
POMONA____ESR 323819	19.06 0.92 0.00	21.20 0.80 0.00	21.62 0.69 0.00	20.95 0.69 0.00	19.50 0.71 0.00	20.01 0.93 0.00	22.41 1.24 0.00	21.94 1.40 0.00	21.64 1.40 0.00	23.28 1.58 0.00	22.47 1.54 0.00	22.13 1.50 0.00	21.40 1.50 0.00	20.48 1.48 0.00	21.35 1.55 0.00	21.39 1.53 0.00	31.41 2.23 0.00	56.20 4.06 0.00	47.47 3.38 0.00	23.19 1.70 0.00	20.31 1.47 0.00	22.09 1.53 0.00	22.35 1.50 0.00	23.02 1.34 0.00
PORT_JEFF_3 23555	19.60 1.47 0.00	21.70 1.31 0.00	22.14 1.21 0.00	21.42 1.15 0.00	19.97 1.17 0.00	20.52 1.45 0.00	22.86 1.69 0.00	22.34 1.80 0.00	22.04 1.80 0.00	23.76 2.05 0.00	22.93 2.01 0.00	22.50 1.87 0.00	22.99 2.01 -1.08	42.62 2.00 -21.63	32.22 2.12 -10.29	21.85 1.99 0.00	32.06 2.89 0.00	63.53 5.33 -6.06	221.43 4.31 -173.04	23.72 2.23 0.00	49.44 2.01 -28.59	22.75 2.19 0.00	22.98 2.12 0.00	23.69 2.02 0.00
PORT_JEFF_4 23616	19.60 1.47 0.00	21.70 1.31 0.00	22.14 1.21 0.00	21.42 1.15 0.00	19.97 1.17 0.00	20.52 1.45 0.00	22.86 1.69 0.00	22.34 1.80 0.00	22.04 1.80 0.00	23.76 2.05 0.00	22.93 2.01 0.00	22.50 1.87 0.00	22.99 2.01 -1.08	42.62 2.00 -21.63	32.22 2.12 -10.29	21.85 1.99 0.00	32.06 2.89 0.00	63.53 5.33 -6.06	221.43 4.31 -173.04	23.72 2.23 0.00	49.44 2.01 -28.59	22.75 2.19 0.00	22.98 2.12 0.00	23.69 2.02 0.00
PORT_JEFF_IC 23713	19.60 1.47 0.00	21.70 1.31 0.00	22.14 1.20 0.00	21.42 1.16 0.00	19.97 1.17 0.00	20.52 1.44 0.00	22.86 1.70 0.00	22.35 1.81 0.00	22.05 1.81 0.00	23.77 2.07 0.00	22.80 2.02 0.15	21.82 2.03 0.69	22.57 2.03 -0.65	41.04 2.01 -20.02	32.22 2.12 -10.29	21.87 2.00 0.00	32.09 2.91 0.00	63.76 5.29 -6.33	229.21 4.34 -180.78	23.73 2.24 0.00	50.69 1.99 -29.86	22.76 2.19 0.00	22.99 2.13 0.00	23.69 2.01 0.00
PPL PILGRIM_ST_GT1 24216	19.62 1.48 0.00	21.72 1.33 0.00	22.17 1.24 0.00	21.45 1.18 0.00	19.99 1.20 0.00	20.54 1.46 0.00	22.91 1.74 0.00	22.38 1.84 0.00	22.10 1.85 0.00	23.87 2.16 0.00	23.05 2.13 0.00	22.64 2.01 0.00	23.13 2.15 -1.08	42.77 2.14 -21.63	32.36 2.25 -10.29	21.98 2.11 0.00	32.20 3.02 0.00	58.06 5.44 -0.48	62.04 4.23 -13.72	23.78 2.28 0.00	23.16 2.05 -2.26	22.78 2.22 0.00	23.01 2.15 0.00	23.72 2.04 0.00

PPL PILGRIM_ST_GT2 24217	19.62 1.48 0.00	21.72 1.33 0.00	22.17 1.24 0.00	21.45 1.18 0.00	19.99 1.20 0.00	20.54 1.46 0.00	22.91 1.74 0.00	22.38 1.84 0.00	22.10 1.85 0.00	23.87 2.16 0.00	23.05 2.13 0.00	22.64 2.01 0.00	23.13 2.15 -1.08	42.77 2.14 -21.63	32.36 2.25 -10.29	21.98 2.11 0.00	32.20 3.02 0.00	58.06 5.44 -0.48	62.04 4.23 -13.72	23.78 2.28 0.00	23.16 2.05 -2.26	22.78 2.22 0.00	23.01 2.15 0.00	23.72 2.04 0.00
PPL_SHRM_GT3 24213	19.65 1.52 0.00	21.74 1.35 0.00	22.18 1.25 0.00	21.46 1.19 0.00	20.00 1.21 0.00	20.56 1.48 0.00	22.89 1.72 0.00	22.36 1.82 0.00	22.02 1.78 0.00	23.62 1.92 0.00	21.48 1.84 1.28	16.19 1.62 6.06	18.98 1.78 2.70	28.32 1.79 -7.54	32.02 1.91 -10.29	21.65 1.79 0.00	31.83 2.65 0.00	63.58 5.48 -5.95	218.41 4.32 -170.00	23.63 2.14 0.00	49.04 2.11 -28.09	22.77 2.20 0.00	23.02 2.16 0.00	23.75 2.07 0.00
PPL_SHRM_GT4 24214	19.65 1.52 0.00	21.74 1.35 0.00	22.18 1.25 0.00	21.46 1.19 0.00	20.00 1.21 0.00	20.56 1.48 0.00	22.89 1.72 0.00	22.36 1.82 0.00	22.02 1.78 0.00	23.62 1.92 0.00	21.48 1.84 1.28	16.19 1.62 6.06	18.98 1.78 2.70	28.32 1.79 -7.54	32.02 1.91 -10.29	21.65 1.79 0.00	31.83 2.65 0.00	63.58 5.48 -5.95	218.41 4.32 -170.00	23.63 2.14 0.00	49.04 2.11 -28.09	22.77 2.20 0.00	23.02 2.16 0.00	23.75 2.07 0.00
PROJECT___ORANGE 1 24174	17.77 -0.36 0.00	19.88 -0.51 0.00	20.34 -0.59 0.00	19.69 -0.58 0.00	18.36 -0.44 0.00	18.71 -0.37 0.00	20.79 -0.38 0.00	20.21 -0.33 0.00	19.93 -0.31 0.00	21.32 -0.38 0.00	20.54 -0.38 0.00	20.27 -0.36 0.00	19.52 -0.38 0.00	18.65 -0.35 0.00	19.39 -0.42 0.00	19.49 -0.38 0.00	28.69 -0.49 0.00	51.33 -0.81 0.00	43.43 -0.66 0.00	21.10 -0.40 0.00	18.49 -0.35 0.00	20.14 -0.43 0.00	20.44 -0.42 0.00	21.20 -0.48 0.00
PROJECT___ORANGE 2 24166	17.77 -0.36 0.00	19.88 -0.51 0.00	20.34 -0.59 0.00	19.69 -0.58 0.00	18.36 -0.44 0.00	18.71 -0.37 0.00	20.79 -0.38 0.00	20.21 -0.33 0.00	19.93 -0.31 0.00	21.32 -0.38 0.00	20.54 -0.38 0.00	20.27 -0.36 0.00	19.52 -0.38 0.00	18.65 -0.35 0.00	19.39 -0.42 0.00	19.49 -0.38 0.00	28.69 -0.49 0.00	51.33 -0.81 0.00	43.43 -0.66 0.00	21.10 -0.40 0.00	18.49 -0.35 0.00	20.14 -0.43 0.00	20.44 -0.42 0.00	21.20 -0.48 0.00
PUCKETT___SOLAR 323809	18.62 0.43 -0.06	20.85 0.41 -0.05	22.29 0.33 -1.04	20.76 0.33 -0.17	19.21 0.42 0.00	20.43 0.55 -0.80	22.97 0.74 -1.06	21.50 0.85 -0.11	21.76 0.85 -0.67	22.47 0.77 0.00	21.52 0.60 0.00	21.19 0.56 0.00	20.48 0.58 0.00	19.48 0.49 0.00	20.16 0.36 0.00	20.29 0.42 0.00	30.03 0.85 0.00	53.88 1.74 0.00	45.69 1.60 0.00	22.16 0.67 0.00	19.37 0.52 0.00	21.02 0.46 0.00	21.39 0.53 0.00	22.12 0.44 0.00
PYRITES___HYD 24023	18.22 0.08 0.00	20.74 0.35 0.00	21.44 0.51 0.00	20.74 0.48 0.00	19.03 0.23 0.00	19.06 -0.02 0.00	21.13 -0.04 0.00	20.41 -0.13 0.00	20.05 -0.19 0.00	21.50 -0.21 0.00	20.69 -0.23 0.00	20.35 -0.27 0.00	19.55 -0.35 0.00	18.55 -0.45 0.00	19.50 -0.31 0.00	19.59 -0.28 0.00	28.95 -0.23 0.00	51.75 -0.39 0.00	43.79 -0.29 0.00	21.26 -0.23 0.00	18.57 -0.27 0.00	20.40 -0.17 0.00	20.75 -0.10 0.00	21.75 0.07 0.00
QUAKERRD_115KV_BK1 80622	17.05 -1.09 0.00	19.15 -1.25 0.00	19.59 -1.34 0.00	18.92 -1.34 0.00	17.65 -1.14 0.00	18.00 -1.08 0.00	20.00 -1.17 0.00	19.42 -1.12 0.00	19.13 -1.11 0.00	20.44 -1.26 0.00	19.65 -1.27 0.00	19.50 -1.13 0.00	18.72 -1.17 0.00	17.85 -1.15 0.00	18.54 -1.27 0.00	18.65 -1.21 0.00	27.54 -1.64 0.00	49.32 -2.83 0.00	41.69 -2.40 0.00	20.17 -1.32 0.00	17.67 -1.17 0.00	19.28 -1.29 0.00	19.67 -1.19 0.00	20.52 -1.16 0.00
QUENSBRY_115KV_TB8 356137	18.59 0.45 0.00	20.80 0.41 0.00	21.28 0.35 0.00	20.64 0.37 0.00	19.18 0.39 0.00	19.77 0.70 0.00	22.09 0.93 0.00	21.59 1.05 0.00	21.25 1.01 0.00	22.76 1.05 0.00	21.87 0.95 0.00	21.52 0.89 0.00	20.79 0.89 0.00	19.84 0.84 0.00	20.63 0.82 0.00	20.65 0.79 0.00	30.59 1.42 0.00	54.62 2.48 0.00	46.23 2.15 0.00	22.60 1.10 0.00	19.78 0.94 0.00	21.52 0.96 0.00	21.79 0.93 0.00	22.44 0.76 0.00
RAMAPO___LBMP 323565	18.99 0.86 0.00	21.13 0.74 0.00	21.55 0.62 0.00	20.89 0.62 0.00	19.44 0.65 0.00	19.94 0.86 0.00	22.33 1.16 0.00	21.86 1.32 0.00	21.55 1.31 0.00	23.18 1.48 0.00	22.37 1.45 0.00	22.03 1.41 0.00	21.31 1.41 0.00	20.39 1.39 0.00	21.25 1.44 0.00	21.29 1.43 0.00	31.27 2.09 0.00	55.95 3.81 0.00	47.27 3.17 0.00	23.09 1.59 0.00	20.23 1.39 0.00	22.01 1.44 0.00	22.26 1.41 0.00	22.94 1.26 0.00
RANKINE____ 23646	17.30 -0.84 0.00	19.48 -0.92 0.00	19.95 -0.98 0.00	19.17 -1.10 0.00	17.92 -0.88 0.00	18.28 -0.80 0.00	20.28 -0.89 0.00	19.61 -0.93 0.00	19.41 -0.83 0.00	20.78 -0.92 0.00	19.98 -0.94 0.00	19.94 -0.68 0.00	19.11 -0.79 0.00	18.17 -0.83 0.00	18.83 -0.97 0.00	18.94 -0.91 0.00	27.93 -1.25 0.00	50.01 -2.13 0.00	42.13 -1.96 0.00	20.23 -1.26 0.00	17.74 -1.10 0.00	19.39 -1.17 0.00	20.03 -0.83 0.00	21.02 -0.66 0.00
RAVENSWOOD_GT2_1 24244	19.13 0.99 0.00	21.22 0.83 0.00	21.61 0.68 0.00	20.96 0.70 0.00	19.53 0.73 0.00	20.05 0.97 0.00	22.49 1.32 0.00	22.03 1.49 0.00	21.74 1.50 0.00	23.43 1.73 0.00	22.60 1.68 0.00	22.25 1.63 0.00	21.53 1.63 0.00	20.61 1.61 0.00	21.47 1.67 0.00	21.51 1.65 0.00	31.58 2.40 0.00	56.48 4.33 0.00	47.67 3.58 0.00	23.35 1.86 0.00	20.46 1.62 0.00	22.23 1.66 0.00	22.46 1.60 0.00	23.08 1.40 0.00
RAVENSWOOD_GT2_2 24245	19.13 0.99 0.00	21.22 0.83 0.00	21.61 0.68 0.00	20.96 0.70 0.00	19.53 0.73 0.00	20.05 0.97 0.00	22.49 1.32 0.00	22.03 1.49 0.00	21.74 1.50 0.00	23.43 1.73 0.00	22.60 1.68 0.00	22.25 1.63 0.00	21.53 1.63 0.00	20.61 1.61 0.00	21.47 1.67 0.00	21.51 1.65 0.00	31.58 2.40 0.00	56.48 4.33 0.00	47.67 3.58 0.00	23.35 1.86 0.00	20.46 1.62 0.00	22.23 1.66 0.00	22.46 1.60 0.00	23.08 1.40 0.00
RAVENSWOOD_GT2_3 24246	19.14 1.00 0.00	21.23 0.84 0.00	21.62 0.69 0.00	20.97 0.70 0.00	19.53 0.74 0.00	20.05 0.97 0.00	22.49 1.32 0.00	22.03 1.49 0.00	21.74 1.50 0.00	23.43 1.73 0.00	22.61 1.69 0.00	22.26 1.64 0.00	21.53 1.63 0.00	20.61 1.62 0.00	21.48 1.67 0.00	21.52 1.66 0.00	31.59 2.41 0.00	56.50 4.36 0.00	47.68 3.59 0.00	23.36 1.86 0.00	20.47 1.63 0.00	22.24 1.67 0.00	22.47 1.61 0.00	23.08 1.41 0.00
RAVENSWOOD_GT2_4 24247	19.14 1.00 0.00	21.23 0.84 0.00	21.62 0.69 0.00	20.97 0.70 0.00	19.53 0.74 0.00	20.05 0.97 0.00	22.49 1.32 0.00	22.03 1.49 0.00	21.74 1.50 0.00	23.43 1.73 0.00	22.61 1.69 0.00	22.26 1.64 0.00	21.53 1.63 0.00	20.61 1.62 0.00	21.48 1.67 0.00	21.52 1.66 0.00	31.59 2.41 0.00	56.50 4.36 0.00	47.68 3.59 0.00	23.36 1.86 0.00	20.47 1.63 0.00	22.24 1.67 0.00	22.47 1.61 0.00	23.08 1.41 0.00

RAVENSWOOD_GT3_1 24248	19.13 0.99 0.00	21.22 0.83 0.00	21.61 0.68 0.00	20.96 0.70 0.00	19.53 0.73 0.00	20.05 0.97 0.00	22.49 1.32 0.00	22.03 1.49 0.00	21.74 1.50 0.00	23.43 1.73 0.00	22.60 1.68 0.00	22.25 1.63 0.00	21.53 1.63 0.00	20.61 1.61 0.00	21.47 1.67 0.00	21.51 1.65 0.00	31.58 2.40 0.00	56.48 4.33 0.00	47.67 3.58 0.00	23.35 1.86 0.00	20.46 1.62 0.00	22.23 1.66 0.00	22.46 1.60 0.00	23.08 1.40 0.00
RAVENSWOOD_GT3_2 24249	19.13 0.99 0.00	21.22 0.83 0.00	21.61 0.68 0.00	20.96 0.70 0.00	19.53 0.73 0.00	20.05 0.97 0.00	22.49 1.32 0.00	22.03 1.49 0.00	21.74 1.50 0.00	23.43 1.73 0.00	22.60 1.68 0.00	22.25 1.63 0.00	21.53 1.63 0.00	20.61 1.61 0.00	21.47 1.67 0.00	21.51 1.65 0.00	31.58 2.40 0.00	56.48 4.33 0.00	47.67 3.58 0.00	23.35 1.86 0.00	20.46 1.62 0.00	22.23 1.66 0.00	22.46 1.60 0.00	23.08 1.40 0.00
RAVENSWOOD_GT3_3 24250	19.16 1.03 0.00	21.25 0.86 0.00	21.64 0.70 0.00	20.99 0.72 0.00	19.55 0.75 0.00	20.07 1.00 0.00	22.52 1.35 0.00	22.06 1.52 0.00	21.77 1.53 0.00	23.47 1.77 0.00	22.63 1.72 0.00	22.29 1.67 0.00	21.56 1.66 0.00	20.64 1.64 0.00	21.50 1.69 0.00	21.55 1.68 0.00	31.64 2.46 0.00	56.57 4.43 0.00	47.74 3.65 0.00	23.39 1.89 0.00	20.49 1.65 0.00	22.26 1.70 0.00	22.49 1.63 0.00	23.10 1.43 0.00
RAVENSWOOD_GT3_4 24251	19.16 1.03 0.00	21.25 0.86 0.00	21.64 0.70 0.00	20.99 0.72 0.00	19.55 0.75 0.00	20.07 1.00 0.00	22.52 1.35 0.00	22.06 1.52 0.00	21.77 1.53 0.00	23.47 1.77 0.00	22.63 1.72 0.00	22.29 1.67 0.00	21.56 1.66 0.00	20.64 1.64 0.00	21.50 1.69 0.00	21.55 1.68 0.00	31.64 2.46 0.00	56.57 4.43 0.00	47.74 3.65 0.00	23.39 1.89 0.00	20.49 1.65 0.00	22.26 1.70 0.00	22.49 1.63 0.00	23.10 1.43 0.00
RAVENSWOOD_GT_1 23729	19.18 1.05 0.00	21.27 0.88 0.00	21.66 0.73 0.00	21.01 0.74 0.00	19.58 0.78 0.00	20.10 1.02 0.00	22.57 1.40 0.00	22.10 1.56 0.00	21.82 1.58 0.00	23.54 1.84 0.00	22.67 1.75 0.00	22.29 1.67 0.00	21.56 1.66 0.00	20.64 1.64 0.00	21.51 1.70 0.00	21.56 1.69 0.00	31.62 2.44 0.00	56.62 4.48 0.00	47.85 3.76 0.00	23.44 1.94 0.00	20.52 1.68 0.00	22.29 1.71 -0.01	22.51 1.64 -0.02	23.14 1.46 0.00
RAVENSWOOD_GT_10 24258	19.13 0.99 0.00	21.22 0.83 0.00	21.61 0.68 0.00	20.96 0.70 0.00	19.53 0.73 0.00	20.05 0.97 0.00	22.49 1.32 0.00	22.03 1.49 0.00	21.74 1.50 0.00	23.43 1.73 0.00	22.60 1.68 0.00	22.25 1.63 0.00	21.53 1.63 0.00	20.61 1.61 0.00	21.47 1.67 0.00	21.51 1.65 0.00	31.58 2.40 0.00	56.48 4.33 0.00	47.67 3.58 0.00	23.36 1.86 0.00	20.46 1.62 0.00	22.23 1.67 0.00	22.46 1.61 0.00	23.08 1.40 0.00
RAVENSWOOD_GT_11 24259	19.13 0.99 0.00	21.22 0.83 0.00	21.61 0.68 0.00	20.96 0.70 0.00	19.53 0.73 0.00	20.05 0.97 0.00	22.49 1.32 0.00	22.03 1.49 0.00	21.74 1.50 0.00	23.43 1.73 0.00	22.60 1.68 0.00	22.25 1.63 0.00	21.53 1.63 0.00	20.61 1.61 0.00	21.47 1.67 0.00	21.51 1.65 0.00	31.58 2.40 0.00	56.48 4.33 0.00	47.67 3.58 0.00	23.36 1.86 0.00	20.46 1.62 0.00	22.23 1.67 0.00	22.46 1.61 0.00	23.08 1.40 0.00
RAVENSWOOD_GT_4 24252	19.12 0.99 0.00	21.22 0.83 0.00	21.61 0.68 0.00	20.96 0.69 0.00	19.52 0.73 0.00	20.05 0.97 0.00	22.48 1.31 0.00	22.02 1.48 0.00	21.74 1.50 0.00	23.42 1.72 0.00	22.60 1.68 0.00	22.25 1.63 0.00	21.53 1.62 0.00	20.61 1.61 0.00	21.47 1.66 0.00	21.51 1.65 0.00	31.58 2.40 0.00	56.47 4.33 0.00	47.66 3.57 0.00	23.34 1.85 0.00	20.46 1.62 0.00	22.22 1.66 0.00	22.46 1.60 0.00	23.07 1.40 0.00
RAVENSWOOD_GT_5 24254	19.12 0.99 0.00	21.22 0.83 0.00	21.61 0.68 0.00	20.96 0.69 0.00	19.52 0.73 0.00	20.05 0.97 0.00	22.48 1.31 0.00	22.02 1.48 0.00	21.74 1.50 0.00	23.42 1.72 0.00	22.60 1.68 0.00	22.25 1.63 0.00	21.53 1.62 0.00	20.61 1.61 0.00	21.47 1.66 0.00	21.51 1.65 0.00	31.58 2.40 0.00	56.47 4.33 0.00	47.66 3.57 0.00	23.34 1.85 0.00	20.46 1.62 0.00	22.22 1.66 0.00	22.46 1.60 0.00	23.07 1.40 0.00
RAVENSWOOD_GT_6 24253	19.12 0.99 0.00	21.22 0.83 0.00	21.61 0.68 0.00	20.96 0.69 0.00	19.52 0.73 0.00	20.05 0.97 0.00	22.48 1.31 0.00	22.02 1.48 0.00	21.74 1.50 0.00	23.42 1.72 0.00	22.60 1.68 0.00	22.25 1.63 0.00	21.53 1.62 0.00	20.61 1.61 0.00	21.47 1.66 0.00	21.51 1.65 0.00	31.58 2.40 0.00	56.47 4.33 0.00	47.66 3.57 0.00	23.34 1.85 0.00	20.46 1.62 0.00	22.22 1.66 0.00	22.46 1.60 0.00	23.07 1.40 0.00
RAVENSWOOD_GT_7 24255	19.12 0.99 0.00	21.22 0.83 0.00	21.61 0.68 0.00	20.96 0.69 0.00	19.52 0.73 0.00	20.05 0.97 0.00	22.48 1.31 0.00	22.02 1.48 0.00	21.74 1.50 0.00	23.42 1.72 0.00	22.60 1.68 0.00	22.25 1.63 0.00	21.53 1.62 0.00	20.61 1.61 0.00	21.47 1.66 0.00	21.51 1.65 0.00	31.58 2.40 0.00	56.47 4.33 0.00	47.66 3.57 0.00	23.34 1.85 0.00	20.46 1.62 0.00	22.22 1.66 0.00	22.46 1.60 0.00	23.07 1.40 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.13 0.99 0.00	21.22 0.83 0.00	21.61 0.68 0.00	20.96 0.70 0.00	19.53 0.73 0.00	20.05 0.97 0.00	22.49 1.32 0.00	22.03 1.49 0.00	21.74 1.50 0.00	23.43 1.73 0.00	22.60 1.68 0.00	22.25 1.63 0.00	21.53 1.63 0.00	20.61 1.61 0.00	21.47 1.67 0.00	21.51 1.65 0.00	31.58 2.40 0.00	56.48 4.33 0.00	47.67 3.58 0.00	23.36 1.86 0.00	20.46 1.62 0.00	22.23 1.67 0.00	22.46 1.61 0.00	23.08 1.40 0.00
RAVENSWOOD_GT_9 24257	19.13 0.99 0.00	21.22 0.83 0.00	21.61 0.68 0.00	20.96 0.70 0.00	19.53 0.73 0.00	20.05 0.97 0.00	22.49 1.32 0.00	22.03 1.49 0.00	21.74 1.50 0.00	23.43 1.73 0.00	22.60 1.68 0.00	22.25 1.63 0.00	21.53 1.63 0.00	20.61 1.61 0.00	21.47 1.67 0.00	21.51 1.65 0.00	31.58 2.40 0.00	56.48 4.33 0.00	47.67 3.58 0.00	23.36 1.86 0.00	20.46 1.62 0.00	22.23 1.67 0.00	22.46 1.61 0.00	23.08 1.40 0.00
RAVENSWOOD____1 23533	19.17 1.04 0.00	21.26 0.87 0.00	21.65 0.72 0.00	21.00 0.74 0.00	19.57 0.77 0.00	20.09 1.01 0.00	22.56 1.39 0.00	22.08 1.54 0.00	21.81 1.57 0.00	23.52 1.82 0.00	22.66 1.74 0.00	22.29 1.67 0.00	21.55 1.65 0.00	20.63 1.63 0.00	21.52 1.71 0.00	21.55 1.69 0.00	31.61 2.43 0.00	56.58 4.44 0.00	47.80 3.72 0.00	23.42 1.92 0.00	20.50 1.66 0.00	22.27 1.70 -0.01	22.49 1.63 -0.01	23.13 1.45 0.00
RAVENSWOOD____2 23534	19.16 1.03 0.00	21.25 0.86 0.00	21.64 0.71 0.00	20.99 0.73 0.00	19.56 0.76 0.00	20.08 1.00 0.00	22.54 1.37 0.00	22.07 1.53 0.00	21.79 1.55 0.00	23.50 1.80 0.00	22.64 1.72 0.00	22.28 1.65 0.00	21.55 1.65 0.00	20.62 1.62 0.00	21.51 1.70 0.00	21.54 1.68 0.00	31.60 2.42 0.00	56.54 4.40 0.00	47.77 3.68 0.00	23.40 1.91 0.00	20.49 1.65 0.00	22.25 1.68 0.00	22.47 1.61 0.00	23.11 1.43 0.00

RAVENSWOOD___3 23535	19.13 0.99 0.00	21.22 0.83 0.00	21.62 0.69 0.00	20.96 0.69 0.00	19.52 0.73 0.00	20.05 0.98 0.00	22.49 1.32 0.00	22.02 1.48 0.00	21.74 1.50 0.00	23.43 1.73 0.00	22.60 1.68 0.00	22.25 1.63 0.00	21.53 1.63 0.00	20.61 1.61 0.00	21.49 1.68 0.00	21.52 1.65 0.00	31.58 2.40 0.00	56.48 4.33 0.00	47.67 3.58 0.00	23.35 1.86 0.00	20.46 1.62 0.00	22.23 1.66 0.00	22.46 1.61 0.00	23.08 1.40 0.00
RAVENSWOOD___4 23820	19.16 1.03 0.00	21.25 0.86 0.00	21.64 0.71 0.00	20.99 0.73 0.00	19.56 0.76 0.00	20.08 1.00 0.00	22.54 1.37 0.00	22.07 1.53 0.00	21.79 1.55 0.00	23.50 1.80 0.00	22.64 1.72 0.00	22.28 1.65 0.00	21.55 1.65 0.00	20.62 1.62 0.00	21.51 1.70 0.00	21.54 1.68 0.00	31.60 2.42 0.00	56.54 4.40 0.00	47.77 3.68 0.00	23.40 1.91 0.00	20.49 1.65 0.00	22.25 1.68 0.00	22.47 1.61 0.00	23.11 1.43 0.00
RCPL_TRUST___DRP 24196	19.13 1.00 0.00	21.22 0.82 0.00	21.60 0.67 0.00	20.96 0.69 0.00	19.53 0.73 0.00	20.06 0.98 0.00	22.49 1.33 0.00	22.04 1.50 0.00	21.76 1.52 0.00	23.46 1.75 0.00	22.62 1.70 0.00	22.27 1.64 0.00	21.55 1.65 0.00	20.63 1.63 0.00	21.50 1.69 0.00	21.54 1.67 0.00	31.61 2.43 0.00	56.55 4.40 0.00	47.72 3.63 0.00	23.37 1.88 0.00	20.48 1.64 0.00	22.24 1.68 0.00	22.47 1.62 0.00	23.08 1.40 0.00
RED___ROCHESTER 323720	17.37 -0.69 0.07	19.53 -0.80 0.06	18.77 -0.89 1.28	19.13 -0.93 0.21	18.06 -0.74 0.00	17.42 -0.67 0.99	19.12 -0.72 1.34	19.71 -0.69 0.14	18.70 -0.68 0.86	20.89 -0.81 0.00	20.08 -0.84 0.00	19.97 -0.66 0.00	19.16 -0.73 0.00	18.26 -0.74 0.00	18.94 -0.86 0.00	19.06 -0.80 0.00	28.18 -1.00 0.00	50.50 -1.64 0.00	42.68 -1.41 0.00	20.62 -0.87 0.00	18.07 -0.76 0.00	19.72 -0.85 0.00	20.16 -0.69 0.00	21.05 -0.62 0.00
REGAN___SOLAR 323812	19.88 1.74 0.00	22.29 1.90 0.00	22.82 1.89 0.00	22.10 1.84 0.00	20.50 1.71 0.00	20.98 1.90 0.00	23.49 2.33 0.00	22.85 2.31 0.00	22.50 2.26 0.00	23.83 2.13 0.00	22.94 2.02 0.00	22.64 2.02 0.00	21.51 1.61 0.00	20.40 1.41 0.00	21.02 1.21 0.00	20.80 0.94 0.00	31.31 2.13 0.00	57.84 5.70 0.00	49.44 5.35 0.00	24.01 2.52 0.00	20.93 2.09 0.00	22.83 2.26 0.00	23.11 2.26 0.00	23.98 2.31 0.00
RENSSELAER___COGEN 23796	18.68 0.54 0.00	20.80 0.41 0.00	21.28 0.34 0.00	20.60 0.33 0.00	19.21 0.42 0.00	19.60 0.52 0.00	21.74 0.57 0.00	21.19 0.65 0.00	20.90 0.66 0.00	22.34 0.64 0.00	21.53 0.61 0.00	21.20 0.58 0.00	20.54 0.65 0.00	19.67 0.68 0.00	20.46 0.65 0.00	20.49 0.62 0.00	30.07 0.89 0.00	53.73 1.59 0.00	45.39 1.30 0.00	22.18 0.68 0.00	19.53 0.69 0.00	21.22 0.65 0.00	21.43 0.58 0.00	22.14 0.46 0.00
REPUBLIC_115KV_BARTNBRK 55605	19.06 0.92 0.00	21.40 1.00 0.00	21.88 0.95 0.00	21.24 0.97 0.00	19.72 0.93 0.00	20.62 1.55 0.00	23.11 1.94 0.00	22.67 2.13 0.00	22.21 1.97 0.00	23.74 2.04 0.00	22.71 1.80 0.00	22.32 1.69 0.00	21.52 1.62 0.00	20.48 1.48 0.00	21.25 1.45 0.00	21.31 1.45 0.00	31.96 2.78 0.00	56.86 4.72 0.00	48.21 4.12 0.00	23.58 2.09 0.00	20.53 1.70 0.00	22.36 1.80 0.00	22.70 1.84 0.00	23.29 1.62 0.00
REVERE_CPPR_DRP 24186	18.85 0.71 0.00	21.13 0.73 0.00	21.66 0.72 0.00	20.97 0.70 0.00	19.51 0.71 0.00	19.90 0.82 0.00	22.23 1.06 0.00	21.62 1.07 0.00	21.33 1.09 0.00	22.83 1.13 0.00	21.96 1.04 0.00	21.58 0.95 0.00	20.77 0.87 0.00	19.68 0.68 0.00	20.36 0.55 0.00	20.37 0.51 0.00	30.15 0.97 0.00	54.40 2.26 0.00	46.18 2.09 0.00	22.36 0.86 0.00	19.58 0.74 0.00	21.32 0.76 0.00	21.58 0.72 0.00	22.32 0.64 0.00
REYNOLDS_115KV_TB3 80639	18.77 0.63 0.00	20.92 0.52 0.00	21.39 0.46 0.00	20.72 0.45 0.00	19.30 0.51 0.00	19.72 0.64 0.00	21.91 0.74 0.00	21.36 0.82 0.00	21.05 0.81 0.00	22.53 0.82 0.00	21.72 0.80 0.00	21.39 0.77 0.00	20.73 0.83 0.00	19.84 0.84 0.00	20.64 0.83 0.00	20.67 0.81 0.00	30.31 1.13 0.00	54.09 1.95 0.00	45.70 1.61 0.00	22.34 0.85 0.00	19.68 0.84 0.00	21.39 0.82 0.00	21.62 0.76 0.00	22.31 0.63 0.00
RIVERBAY____ 323610	19.16 1.03 0.00	21.26 0.86 0.00	21.67 0.74 0.00	21.03 0.76 0.00	19.60 0.80 0.00	20.09 1.01 0.00	22.54 1.37 0.00	22.06 1.52 0.00	21.80 1.56 0.00	23.53 1.83 0.00	22.69 1.77 0.00	22.33 1.71 0.00	21.61 1.71 0.00	20.69 1.69 0.00	21.56 1.75 0.00	21.63 1.76 0.00	31.69 2.51 0.00	56.66 4.52 0.00	47.85 3.76 0.00	23.44 1.94 0.00	20.51 1.68 0.00	22.28 1.71 -0.01	22.47 1.61 -0.01	23.12 1.44 0.00
RIVERSDE_115KV_TB3 55908	18.73 0.60 0.00	20.87 0.48 0.00	21.34 0.41 0.00	20.68 0.41 0.00	19.27 0.48 0.00	19.66 0.58 0.00	21.83 0.66 0.00	21.29 0.75 0.00	20.99 0.75 0.00	22.45 0.75 0.00	21.64 0.72 0.00	21.31 0.69 0.00	20.66 0.76 0.00	19.77 0.77 0.00	20.56 0.76 0.00	20.60 0.73 0.00	30.21 1.04 0.00	53.95 1.81 0.00	45.58 1.49 0.00	22.28 0.78 0.00	19.62 0.78 0.00	21.31 0.74 0.00	21.53 0.68 0.00	22.23 0.55 0.00
ROARING___BROOK_WT_PWR 323790	17.96 -0.18 0.00	20.33 -0.07 0.00	20.94 0.01 0.00	20.30 0.03 0.00	18.79 -0.01 0.00	19.00 -0.07 0.00	21.06 -0.11 0.00	20.38 -0.16 0.00	20.04 -0.20 0.00	21.53 -0.17 0.00	20.77 -0.15 0.00	20.45 -0.18 0.00	19.71 -0.19 0.00	18.77 -0.22 0.00	19.60 -0.20 0.00	19.61 -0.25 0.00	28.77 -0.41 0.00	51.53 -0.61 0.00	43.64 -0.45 0.00	21.27 -0.23 0.00	18.56 -0.28 0.00	20.24 -0.33 0.00	20.47 -0.39 0.00	21.35 -0.33 0.00
ROCHESRG_115KV_T4 355643	17.27 -0.86 0.00	19.41 -0.98 0.00	19.86 -1.07 0.00	19.17 -1.10 0.00	17.89 -0.91 0.00	18.23 -0.85 0.00	20.25 -0.92 0.00	19.64 -0.90 0.00	19.37 -0.87 0.00	20.69 -1.01 0.00	19.90 -1.02 0.00	19.78 -0.84 0.00	18.99 -0.91 0.00	18.09 -0.90 0.00	18.78 -1.02 0.00	18.89 -0.97 0.00	27.88 -1.30 0.00	49.95 -2.19 0.00	42.19 -1.90 0.00	20.39 -1.10 0.00	17.87 -0.97 0.00	19.50 -1.06 0.00	19.96 -0.90 0.00	20.85 -0.83 0.00
ROCHESTER_9_IC 23652	17.37 -0.77 0.00	19.52 -0.88 0.00	19.97 -0.97 0.00	19.27 -1.00 0.00	17.99 -0.81 0.00	18.34 -0.74 0.00	20.37 -0.80 0.00	19.76 -0.78 0.00	19.48 -0.76 0.00	20.81 -0.89 0.00	20.00 -0.92 0.00	19.89 -0.74 0.00	19.09 -0.81 0.00	18.19 -0.81 0.00	18.88 -0.93 0.00	18.99 -0.87 0.00	28.04 -1.14 0.00	50.26 -1.88 0.00	42.46 -1.63 0.00	20.52 -0.98 0.00	17.98 -0.86 0.00	19.62 -0.95 0.00	20.07 -0.79 0.00	20.96 -0.72 0.00
ROCKVIEW_13_KV_LD 356306	19.16 1.03 0.00	21.29 0.90 0.00	21.70 0.76 0.00	21.03 0.76 0.00	19.59 0.79 0.00	20.11 1.03 0.00	22.52 1.35 0.00	22.05 1.51 0.00	21.76 1.52 0.00	23.43 1.72 0.00	22.60 1.68 0.00	22.26 1.64 0.00	21.53 1.63 0.00	20.61 1.61 0.00	21.48 1.67 0.00	21.51 1.65 0.00	31.59 2.41 0.00	56.48 4.34 0.00	47.69 3.60 0.00	23.33 1.84 0.00	20.45 1.61 0.00	22.23 1.67 0.00	22.47 1.61 0.00	23.12 1.45 0.00

ROME____115KV_TB2 80656	18.85 0.71 0.00	21.13 0.73 0.00	21.66 0.72 0.00	20.97 0.70 0.00	19.51 0.71 0.00	19.90 0.82 0.00	22.23 1.06 0.00	21.62 1.07 0.00	21.33 1.09 0.00	22.83 1.13 0.00	21.96 1.04 0.00	21.58 0.95 0.00	20.77 0.87 0.00	19.68 0.68 0.00	20.36 0.55 0.00	20.37 0.51 0.00	30.15 0.97 0.00	54.40 2.26 0.00	46.18 2.09 0.00	22.36 0.86 0.00	19.58 0.74 0.00	21.32 0.76 0.00	21.58 0.72 0.00	22.32 0.64 0.00
ROSETON____1 23587	18.94 0.81 0.00	21.09 0.70 0.00	21.52 0.59 0.00	20.85 0.59 0.00	19.41 0.61 0.00	19.91 0.83 0.00	22.26 1.10 0.00	21.78 1.24 0.00	21.49 1.25 0.00	23.09 1.39 0.00	22.28 1.36 0.00	21.94 1.32 0.00	21.22 1.32 0.00	20.30 1.30 0.00	21.16 1.35 0.00	21.19 1.33 0.00	31.12 1.94 0.00	55.64 3.49 0.00	47.01 2.92 0.00	22.98 1.48 0.00	20.14 1.30 0.00	21.91 1.35 0.00	22.16 1.31 0.00	22.84 1.16 0.00
ROSETON____2 23588	18.94 0.81 0.00	21.09 0.70 0.00	21.52 0.59 0.00	20.85 0.59 0.00	19.41 0.61 0.00	19.91 0.83 0.00	22.26 1.10 0.00	21.78 1.24 0.00	21.49 1.25 0.00	23.09 1.39 0.00	22.28 1.36 0.00	21.94 1.32 0.00	21.22 1.32 0.00	20.30 1.30 0.00	21.16 1.35 0.00	21.19 1.33 0.00	31.12 1.94 0.00	55.64 3.49 0.00	47.01 2.92 0.00	22.98 1.48 0.00	20.14 1.30 0.00	21.91 1.35 0.00	22.16 1.31 0.00	22.84 1.16 0.00
ROTTTRDAM_115KV_TB3 80664	18.68 0.55 0.00	20.90 0.51 0.00	21.38 0.45 0.00	20.72 0.45 0.00	19.26 0.46 0.00	19.68 0.61 0.00	21.93 0.76 0.00	21.37 0.83 0.00	21.06 0.82 0.00	22.56 0.86 0.00	21.75 0.83 0.00	21.42 0.80 0.00	20.70 0.80 0.00	19.77 0.77 0.00	20.58 0.77 0.00	20.60 0.74 0.00	30.31 1.13 0.00	54.22 2.08 0.00	45.86 1.77 0.00	22.38 0.89 0.00	19.63 0.79 0.00	21.38 0.81 0.00	21.65 0.79 0.00	22.38 0.71 0.00
RUSSELL____1 23602	17.44 -0.69 0.00	19.59 -0.80 0.00	20.05 -0.89 0.00	19.34 -0.93 0.00	18.06 -0.74 0.00	18.42 -0.66 0.00	20.46 -0.71 0.00	19.85 -0.69 0.00	19.57 -0.67 0.00	20.90 -0.81 0.00	20.09 -0.84 0.00	19.97 -0.66 0.00	19.17 -0.73 0.00	18.26 -0.74 0.00	18.95 -0.85 0.00	19.06 -0.80 0.00	28.18 -1.00 0.00	50.51 -1.64 0.00	42.68 -1.41 0.00	20.62 -0.87 0.00	18.07 -0.76 0.00	19.72 -0.85 0.00	20.16 -0.69 0.00	21.05 -0.62 0.00
RUSSELL____2 23532	17.44 -0.69 0.00	19.59 -0.80 0.00	20.05 -0.89 0.00	19.34 -0.93 0.00	18.06 -0.74 0.00	18.42 -0.66 0.00	20.46 -0.71 0.00	19.85 -0.69 0.00	19.57 -0.67 0.00	20.90 -0.81 0.00	20.09 -0.84 0.00	19.97 -0.66 0.00	19.17 -0.73 0.00	18.26 -0.74 0.00	18.95 -0.85 0.00	19.06 -0.80 0.00	28.18 -1.00 0.00	50.51 -1.64 0.00	42.68 -1.41 0.00	20.62 -0.87 0.00	18.07 -0.76 0.00	19.72 -0.85 0.00	20.16 -0.69 0.00	21.05 -0.62 0.00
RUSSELL____3 23549	17.44 -0.69 0.00	19.59 -0.80 0.00	20.05 -0.89 0.00	19.34 -0.93 0.00	18.06 -0.74 0.00	18.42 -0.66 0.00	20.46 -0.71 0.00	19.85 -0.69 0.00	19.57 -0.67 0.00	20.90 -0.81 0.00	20.09 -0.84 0.00	19.97 -0.66 0.00	19.17 -0.73 0.00	18.26 -0.74 0.00	18.95 -0.85 0.00	19.06 -0.80 0.00	28.18 -1.00 0.00	50.51 -1.64 0.00	42.68 -1.41 0.00	20.62 -0.87 0.00	18.07 -0.76 0.00	19.72 -0.85 0.00	20.16 -0.69 0.00	21.05 -0.62 0.00
RUSSELL____4 23556	17.44 -0.69 0.00	19.59 -0.80 0.00	20.05 -0.89 0.00	19.34 -0.93 0.00	18.06 -0.74 0.00	18.42 -0.66 0.00	20.46 -0.71 0.00	19.85 -0.69 0.00	19.57 -0.67 0.00	20.90 -0.81 0.00	20.09 -0.84 0.00	19.97 -0.66 0.00	19.17 -0.73 0.00	18.26 -0.74 0.00	18.95 -0.85 0.00	19.06 -0.80 0.00	28.18 -1.00 0.00	50.51 -1.64 0.00	42.68 -1.41 0.00	20.62 -0.87 0.00	18.07 -0.76 0.00	19.72 -0.85 0.00	20.16 -0.69 0.00	21.05 -0.62 0.00
RUSSELL____STATION 23914	17.44 -0.69 0.00	19.59 -0.80 0.00	20.05 -0.89 0.00	19.34 -0.93 0.00	18.06 -0.74 0.00	18.42 -0.66 0.00	20.46 -0.71 0.00	19.85 -0.69 0.00	19.57 -0.67 0.00	20.90 -0.81 0.00	20.09 -0.84 0.00	19.97 -0.66 0.00	19.17 -0.73 0.00	18.26 -0.74 0.00	18.95 -0.85 0.00	19.06 -0.80 0.00	28.18 -1.00 0.00	50.51 -1.64 0.00	42.68 -1.41 0.00	20.62 -0.87 0.00	18.07 -0.76 0.00	19.72 -0.85 0.00	20.16 -0.69 0.00	21.05 -0.62 0.00
S SALMON____HYD 24043	17.71 -0.42 0.00	19.87 -0.53 0.00	20.38 -0.55 0.00	19.73 -0.54 0.00	18.35 -0.44 0.00	18.72 -0.36 0.00	20.84 -0.33 0.00	20.22 -0.32 0.00	19.94 -0.30 0.00	21.38 -0.32 0.00	20.55 -0.37 0.00	20.18 -0.45 0.00	19.40 -0.50 0.00	18.50 -0.50 0.00	19.27 -0.54 0.00	19.27 -0.59 0.00	28.39 -0.79 0.00	51.11 -1.04 0.00	43.42 -0.66 0.00	20.96 -0.54 0.00	18.40 -0.44 0.00	20.05 -0.52 0.00	20.30 -0.56 0.00	21.02 -0.66 0.00
S.PERRY__115KV_TB1 80734	18.35 0.21 0.00	20.55 0.16 0.00	20.98 0.05 0.00	20.28 0.01 0.00	18.96 0.16 0.00	19.38 0.30 0.00	21.71 0.54 0.00	21.17 0.63 0.00	20.75 0.52 0.00	21.86 0.16 0.00	20.83 -0.09 0.00	20.63 0.00 0.00	19.74 -0.16 0.00	18.77 -0.22 0.00	19.42 -0.39 0.00	19.53 -0.33 0.00	28.95 -0.23 0.00	52.40 0.26 0.00	44.83 0.74 0.00	21.68 0.19 0.00	18.95 0.11 0.00	20.63 0.06 0.00	20.99 0.13 0.00	21.80 0.12 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.02 -1.12 0.00	19.18 -1.21 0.00	19.65 -1.29 0.00	18.88 -1.38 0.00	17.65 -1.15 0.00	18.00 -1.08 0.00	19.94 -1.23 0.00	19.26 -1.28 0.00	19.07 -1.17 0.00	20.42 -1.29 0.00	19.63 -1.29 0.00	19.62 -1.00 0.00	18.79 -1.11 0.00	17.86 -1.14 0.00	18.51 -1.30 0.00	18.62 -1.24 0.00	27.44 -1.74 0.00	49.12 -3.02 0.00	41.39 -2.70 0.00	19.90 -1.60 0.00	17.45 -1.39 0.00	19.07 -1.49 0.00	19.70 -1.16 0.00	20.70 -0.98 0.00
SAWYER__23_KV_LOAD 55526	17.02 -1.12 0.00	19.18 -1.21 0.00	19.65 -1.29 0.00	18.88 -1.38 0.00	17.65 -1.15 0.00	18.00 -1.08 0.00	19.94 -1.23 0.00	19.26 -1.28 0.00	19.07 -1.17 0.00	20.42 -1.29 0.00	19.63 -1.29 0.00	19.62 -1.00 0.00	18.79 -1.11 0.00	17.86 -1.14 0.00	18.51 -1.30 0.00	18.62 -1.24 0.00	27.44 -1.74 0.00	49.12 -3.02 0.00	41.39 -2.70 0.00	19.90 -1.60 0.00	17.45 -1.39 0.00	19.07 -1.49 0.00	19.70 -1.16 0.00	20.70 -0.98 0.00
SELKIRK____I 23801	18.76 0.63 0.00	20.95 0.56 0.00	21.44 0.51 0.00	20.77 0.50 0.00	19.34 0.54 0.00	19.73 0.65 0.00	21.92 0.75 0.00	21.35 0.81 0.00	21.03 0.79 0.00	22.48 0.78 0.00	21.66 0.74 0.00	21.32 0.70 0.00	20.64 0.74 0.00	19.76 0.77 0.00	20.55 0.74 0.00	20.57 0.70 0.00	30.23 1.05 0.00	54.10 1.96 0.00	45.73 1.64 0.00	22.32 0.82 0.00	19.63 0.79 0.00	21.34 0.78 0.00	21.59 0.73 0.00	22.32 0.64 0.00
SELKIRK____II 23799	18.68 0.54 0.00	20.84 0.44 0.00	21.32 0.38 0.00	20.64 0.37 0.00	19.22 0.43 0.00	19.63 0.55 0.00	21.81 0.64 0.00	21.26 0.72 0.00	20.96 0.72 0.00	22.43 0.73 0.00	21.62 0.69 0.00	21.29 0.67 0.00	20.61 0.71 0.00	19.72 0.73 0.00	20.51 0.70 0.00	20.55 0.69 0.00	30.16 0.98 0.00	53.92 1.78 0.00	45.56 1.47 0.00	22.25 0.76 0.00	19.57 0.73 0.00	21.28 0.71 0.00	21.51 0.66 0.00	22.23 0.55 0.00

SENECA OSWGO___HYD 24041	17.61 -0.52 0.00	19.69 -0.70 0.00	20.15 -0.78 0.00	19.52 -0.75 0.00	18.18 -0.61 0.00	18.54 -0.54 0.00	20.58 -0.59 0.00	20.00 -0.54 0.00	19.71 -0.53 0.00	21.10 -0.61 0.00	20.29 -0.63 0.00	20.02 -0.61 0.00	19.28 -0.62 0.00	18.43 -0.57 0.00	19.16 -0.64 0.00	19.25 -0.61 0.00	28.37 -0.81 0.00	50.76 -1.38 0.00	42.95 -1.13 0.00	20.87 -0.62 0.00	18.30 -0.54 0.00	19.93 -0.64 0.00	20.21 -0.64 0.00	20.97 -0.70 0.00
SENECA___115KV_TB3 355854	17.33 -0.81 0.00	19.51 -0.89 0.00	19.98 -0.95 0.00	19.20 -1.07 0.00	17.95 -0.85 0.00	18.32 -0.76 0.00	20.32 -0.85 0.00	19.65 -0.89 0.00	19.45 -0.79 0.00	20.83 -0.88 0.00	20.02 -0.91 0.00	19.98 -0.65 0.00	19.14 -0.76 0.00	18.21 -0.79 0.00	18.86 -0.94 0.00	18.98 -0.88 0.00	27.97 -1.21 0.00	50.10 -2.04 0.00	42.22 -1.87 0.00	20.27 -1.22 0.00	17.77 -1.07 0.00	19.43 -1.13 0.00	20.06 -0.80 0.00	21.05 -0.62 0.00
SENECA___ENERGY 23797	17.87 -0.26 0.00	20.01 -0.39 0.00	20.45 -0.49 0.00	19.78 -0.49 0.00	18.46 -0.33 0.00	18.85 -0.23 0.00	21.01 -0.15 0.00	20.48 -0.06 0.00	20.15 -0.09 0.00	21.45 -0.25 0.00	20.61 -0.31 0.00	20.34 -0.29 0.00	19.54 -0.37 0.00	18.65 -0.34 0.00	19.35 -0.46 0.00	19.49 -0.37 0.00	28.76 -0.41 0.00	51.52 -0.62 0.00	43.68 -0.41 0.00	21.18 -0.31 0.00	18.56 -0.28 0.00	20.22 -0.35 0.00	20.52 -0.34 0.00	21.30 -0.37 0.00
SHOEMAKER___GT 23640	18.87 0.74 0.00	21.04 0.64 0.00	21.48 0.54 0.00	20.81 0.54 0.00	19.37 0.57 0.00	19.84 0.76 0.00	22.16 0.99 0.00	21.66 1.12 0.00	21.37 1.13 0.00	22.96 1.25 0.00	22.13 1.21 0.00	21.80 1.17 0.00	21.05 1.16 0.00	20.10 1.11 0.00	20.98 1.18 0.00	21.02 1.16 0.00	30.91 1.73 0.00	55.32 3.17 0.00	46.77 2.68 0.00	22.83 1.34 0.00	20.03 1.19 0.00	21.79 1.22 0.00	22.04 1.19 0.00	22.73 1.06 0.00
SHOEMAKR_138KV_BK 111 55601	18.87 0.74 0.00	21.03 0.64 0.00	21.47 0.53 0.00	20.80 0.53 0.00	19.36 0.56 0.00	19.83 0.75 0.00	22.16 0.99 0.00	21.66 1.12 0.00	21.36 1.12 0.00	22.96 1.25 0.00	22.14 1.22 0.00	21.80 1.18 0.00	21.07 1.17 0.00	20.12 1.13 0.00	20.99 1.18 0.00	21.03 1.17 0.00	30.92 1.74 0.00	55.32 3.18 0.00	46.77 2.68 0.00	22.83 1.33 0.00	20.02 1.19 0.00	21.78 1.22 0.00	22.04 1.19 0.00	22.73 1.05 0.00
SHOREHAM_IC_1 23715	19.65 1.52 0.00	21.74 1.35 0.00	22.18 1.25 0.00	21.46 1.19 0.00	20.00 1.21 0.00	20.56 1.48 0.00	22.89 1.72 0.00	22.36 1.82 0.00	22.02 1.78 0.00	23.62 1.92 1.28	21.48 1.84 0.00	16.19 1.62 6.06	18.98 1.78 2.70	28.32 1.79 -7.54	32.02 1.91 -10.29	21.65 1.79 0.00	31.83 2.65 0.00	63.58 5.48 -5.95	218.41 4.32 -170.00	23.63 2.14 0.00	49.04 2.11 -28.09	22.77 2.20 0.00	23.02 2.16 0.00	23.75 2.07 0.00
SHOREHAM_IC_2 23716	19.65 1.52 0.00	21.74 1.35 0.00	22.18 1.25 0.00	21.46 1.19 0.00	20.00 1.21 0.00	20.56 1.48 0.00	22.89 1.72 0.00	22.36 1.82 0.00	22.02 1.78 0.00	23.62 1.92 1.28	21.48 1.84 0.00	16.19 1.62 6.06	18.98 1.78 2.70	28.32 1.79 -7.54	32.02 1.91 -10.29	21.65 1.79 0.00	31.83 2.65 0.00	63.58 5.48 -5.95	218.41 4.32 -170.00	23.63 2.14 0.00	49.04 2.11 -28.09	22.77 2.20 0.00	23.02 2.16 0.00	23.75 2.07 0.00
SISSONVILLE___ 23735	17.87 -0.27 0.00	20.34 -0.05 0.00	21.03 0.09 0.00	20.35 0.08 0.00	18.65 -0.15 0.00	18.66 -0.42 0.00	20.68 -0.49 0.00	19.97 -0.57 0.00	19.63 -0.61 0.00	21.06 -0.64 0.00	20.28 -0.64 0.00	19.94 -0.68 0.00	19.16 -0.74 0.00	18.21 -0.79 0.00	19.10 -0.70 0.00	19.17 -0.69 0.00	28.22 -0.95 0.00	50.45 -1.70 0.00	42.71 -1.38 0.00	20.74 -0.75 0.00	18.12 -0.72 0.00	19.90 -0.67 0.00	20.28 -0.58 0.00	21.25 -0.43 0.00
SITHE_IND_GS1 24169	17.44 -0.69 0.00	19.52 -0.87 0.00	19.99 -0.95 0.00	19.36 -0.91 0.00	18.03 -0.76 0.00	18.35 -0.72 0.00	20.35 -0.82 0.00	19.75 -0.78 0.00	19.47 -0.77 0.00	20.84 -0.86 0.00	20.10 -0.82 0.00	19.84 -0.79 0.00	19.12 -0.78 0.00	18.27 -0.72 0.00	19.00 -0.81 0.00	19.07 -0.79 0.00	28.03 -1.15 0.00	50.14 -2.01 0.00	42.41 -1.68 0.00	20.62 -0.88 0.00	18.07 -0.77 0.00	19.70 -0.87 0.00	19.99 -0.87 0.00	20.76 -0.92 0.00
SITHE_IND_GS2 24170	17.44 -0.69 0.00	19.52 -0.87 0.00	19.99 -0.95 0.00	19.36 -0.91 0.00	18.03 -0.76 0.00	18.35 -0.72 0.00	20.35 -0.82 0.00	19.75 -0.78 0.00	19.47 -0.77 0.00	20.84 -0.86 0.00	20.10 -0.82 0.00	19.84 -0.79 0.00	19.12 -0.78 0.00	18.27 -0.72 0.00	19.00 -0.81 0.00	19.07 -0.79 0.00	28.03 -1.15 0.00	50.14 -2.01 0.00	42.41 -1.68 0.00	20.62 -0.88 0.00	18.07 -0.77 0.00	19.70 -0.87 0.00	19.99 -0.87 0.00	20.76 -0.92 0.00
SITHE_IND_GS3 24171	17.44 -0.69 0.00	19.52 -0.87 0.00	19.99 -0.95 0.00	19.36 -0.91 0.00	18.03 -0.76 0.00	18.35 -0.72 0.00	20.35 -0.82 0.00	19.75 -0.78 0.00	19.47 -0.77 0.00	20.84 -0.86 0.00	20.10 -0.82 0.00	19.84 -0.79 0.00	19.12 -0.78 0.00	18.27 -0.72 0.00	19.00 -0.81 0.00	19.07 -0.79 0.00	28.03 -1.15 0.00	50.14 -2.01 0.00	42.41 -1.68 0.00	20.62 -0.88 0.00	18.07 -0.77 0.00	19.70 -0.87 0.00	19.99 -0.87 0.00	20.76 -0.92 0.00
SITHE_IND_GS4 24172	17.44 -0.69 0.00	19.52 -0.87 0.00	19.99 -0.95 0.00	19.36 -0.91 0.00	18.03 -0.76 0.00	18.35 -0.72 0.00	20.35 -0.82 0.00	19.75 -0.78 0.00	19.47 -0.77 0.00	20.84 -0.86 0.00	20.10 -0.82 0.00	19.84 -0.79 0.00	19.12 -0.78 0.00	18.27 -0.72 0.00	19.00 -0.81 0.00	19.07 -0.79 0.00	28.03 -1.15 0.00	50.14 -2.01 0.00	42.41 -1.68 0.00	20.62 -0.88 0.00	18.07 -0.77 0.00	19.70 -0.87 0.00	19.99 -0.87 0.00	20.76 -0.92 0.00
SITHE___BATAVIA 24024	17.30 -0.72 0.11	19.49 -0.81 0.09	18.05 -0.86 2.02	18.95 -0.98 0.33	18.04 -0.76 0.00	16.88 -0.64 1.57	18.38 -0.70 2.09	19.59 -0.73 0.21	18.20 -0.70 1.34	20.79 -0.91 0.00	19.89 -1.04 0.00	19.83 -0.80 0.00	18.96 -0.94 0.00	18.11 -0.88 0.00	18.75 -1.06 0.00	18.90 -0.96 0.00	27.96 -1.22 0.00	50.34 -1.80 0.00	42.55 -1.53 0.00	20.48 -1.02 0.00	17.96 -0.88 0.00	19.61 -0.96 0.00	20.18 -0.68 0.00	21.17 -0.51 0.00
SITHE___INDEPEND 23800	17.44 -0.69 0.00	19.52 -0.87 0.00	19.99 -0.95 0.00	19.36 -0.91 0.00	18.03 -0.76 0.00	18.35 -0.72 0.00	20.35 -0.82 0.00	19.75 -0.78 0.00	19.47 -0.77 0.00	20.84 -0.86 0.00	20.10 -0.82 0.00	19.84 -0.79 0.00	19.12 -0.78 0.00	18.27 -0.72 0.00	19.00 -0.80 0.00	19.07 -0.79 0.00	28.03 -1.15 0.00	50.14 -2.01 0.00	42.41 -1.68 0.00	20.62 -0.87 0.00	18.07 -0.77 0.00	19.70 -0.87 0.00	19.99 -0.87 0.00	20.76 -0.92 0.00
SITHE___MASSENA 23902	18.09 -0.05 0.00	20.57 0.17 0.00	21.24 0.31 0.00	20.54 0.28 0.00	18.91 0.11 0.00	18.99 -0.09 0.00	21.00 -0.16 0.00	20.26 -0.28 0.00	19.93 -0.31 0.00	21.40 -0.30 0.00	20.64 -0.28 0.00	20.34 -0.28 0.00	19.58 -0.32 0.00	18.63 -0.37 0.00	19.52 -0.29 0.00	19.58 -0.28 0.00	28.79 -0.39 0.00	51.40 -0.74 0.00	43.43 -0.65 0.00	21.15 -0.34 0.00	18.49 -0.34 0.00	20.30 -0.26 0.00	20.64 -0.22 0.00	21.63 -0.05 0.00

SITHE___OGDNSBRG 24021	18.25 0.11 0.00	20.78 0.38 0.00	21.47 0.54 0.00	20.77 0.50 0.00	19.08 0.28 0.00	19.12 0.05 0.00	21.18 0.01 0.00	20.44 -0.10 0.00	20.07 -0.17 0.00	21.53 -0.17 0.00	20.73 -0.19 0.00	20.41 -0.22 0.00	19.61 -0.29 0.00	18.63 -0.37 0.00	19.58 -0.23 0.00	19.66 -0.20 0.00	29.03 -0.15 0.00	51.90 -0.23 0.00	43.89 -0.20 0.00	21.34 -0.15 0.00	18.64 -0.20 0.00	20.47 -0.09 0.00	20.82 -0.04 0.00	21.82 0.14 0.00
SITHE___STERLING 23777	18.71 0.58 0.00	20.96 0.57 0.00	21.48 0.54 0.00	20.80 0.53 0.00	19.36 0.57 0.00	19.75 0.67 0.00	22.04 0.87 0.00	21.44 0.90 0.00	21.14 0.90 0.00	22.63 0.93 0.00	21.77 0.85 0.00	21.42 0.79 0.00	20.62 0.72 0.00	19.53 0.53 0.00	20.19 0.39 0.00	20.24 0.38 0.00	29.90 0.72 0.00	53.85 1.71 0.00	45.67 1.58 0.00	22.15 0.65 0.00	19.40 0.56 0.00	21.12 0.56 0.00	21.40 0.54 0.00	22.15 0.48 0.00
SLEIGHT__34_KV_TB1 80719	17.52 -0.61 0.00	19.66 -0.74 0.00	20.10 -0.83 0.00	19.43 -0.84 0.00	18.13 -0.67 0.00	18.50 -0.58 0.00	20.59 -0.57 0.00	20.01 -0.53 0.00	19.71 -0.53 0.00	21.03 -0.67 0.00	20.22 -0.71 0.00	20.02 -0.61 0.00	19.22 -0.67 0.00	18.33 -0.67 0.00	19.04 -0.77 0.00	19.18 -0.68 0.00	28.32 -0.86 0.00	50.73 -1.42 0.00	42.90 -1.18 0.00	20.75 -0.74 0.00	18.18 -0.66 0.00	19.83 -0.73 0.00	20.18 -0.68 0.00	21.03 -0.65 0.00
SOUTH CAIRO___GT 23612	19.41 1.28 0.00	21.65 1.26 0.00	22.16 1.22 0.00	21.45 1.18 0.00	20.01 1.22 0.00	20.43 1.35 0.00	22.71 1.54 0.00	22.19 1.65 0.00	21.87 1.63 0.00	23.28 1.58 0.00	22.34 1.41 0.00	21.92 1.30 0.00	21.22 1.32 0.00	20.38 1.38 0.00	21.07 1.27 0.00	21.06 1.19 0.00	31.03 1.85 0.00	56.02 3.88 0.00	47.59 3.50 0.00	23.18 1.68 0.00	20.37 1.53 0.00	22.11 1.54 0.00	22.31 1.46 0.00	23.03 1.35 0.00
SOUTH HAMPTN___IC 23720	19.76 1.63 0.00	21.83 1.43 0.00	22.26 1.33 0.00	21.54 1.27 0.00	20.08 1.28 0.00	20.64 1.57 0.00	22.99 1.83 0.00	22.46 1.92 0.00	22.14 1.90 0.00	23.78 2.08 0.00	20.83 2.00 2.08	12.61 1.89 9.90	16.86 2.05 5.09	19.69 2.06 1.37	32.31 2.20 -10.29	21.94 2.07 0.00	32.26 3.08 0.00	64.11 6.08 -5.88	216.82 4.72 -168.01	23.88 2.39 0.00	48.91 2.30 -27.76	22.94 2.37 0.00	23.17 2.31 0.00	23.90 2.22 0.00
SOUTHDOW__115KV_TB1 355954	18.20 0.06 0.00	20.42 0.03 0.00	20.87 -0.06 0.00	20.09 -0.18 0.00	18.78 -0.02 0.00	19.18 0.10 0.00	21.44 0.27 0.00	20.89 0.35 0.00	20.64 0.40 0.00	22.03 0.33 0.00	21.20 0.28 0.00	21.06 0.43 0.00	20.19 0.29 0.00	19.25 0.25 0.00	19.89 0.08 0.00	19.99 0.13 0.00	29.44 0.26 0.00	52.79 0.64 0.00	44.41 0.32 0.00	21.27 -0.22 0.00	18.59 -0.25 0.00	20.37 -0.20 0.00	21.06 0.20 0.00	22.03 0.35 0.00
SOUTHOLD_69_KV_BK 2 55809	19.91 1.78 0.00	21.92 1.53 0.00	22.34 1.41 0.00	21.61 1.35 0.00	20.15 1.35 0.00	20.73 1.65 0.00	23.11 1.95 0.00	22.58 2.04 0.00	22.27 2.03 0.00	23.92 2.22 0.00	20.95 2.13 2.10	12.81 2.16 9.97	17.13 2.37 5.14	19.83 2.38 1.55	32.63 2.53 -10.29	22.27 2.41 0.00	32.78 3.60 0.00	65.05 7.03 -5.88	216.80 4.77 -167.94	24.06 2.57 0.00	49.21 2.62 -27.75	23.17 2.61 0.00	23.38 2.52 0.00	24.14 2.46 0.00
SOUTHOLD___IC 23719	19.91 1.78 0.00	21.92 1.53 0.00	22.35 1.41 0.00	21.61 1.34 0.00	20.15 1.35 0.00	20.73 1.65 0.00	23.11 1.94 0.00	22.58 2.04 0.00	22.27 2.03 0.00	23.92 2.21 0.00	20.94 2.12 2.10	12.80 2.15 9.97	17.13 2.37 5.14	19.83 2.38 1.55	32.64 2.54 -10.29	22.27 2.41 0.00	32.78 3.60 0.00	65.05 7.03 -5.88	216.79 4.77 -167.94	24.06 2.57 0.00	49.21 2.62 -27.75	23.17 2.61 0.00	23.38 2.52 0.00	24.14 2.46 0.00
SOUTH_FORK_WT_PWR 323839	19.85 1.72 0.00	21.80 1.41 0.00	22.22 1.29 0.00	21.48 1.22 0.00	20.03 1.24 0.00	20.61 1.53 0.00	22.98 1.81 0.00	22.44 1.90 0.00	22.13 1.89 0.00	23.78 2.08 0.00	20.81 1.98 2.09	12.79 2.10 9.93	17.16 2.37 5.12	19.94 2.39 1.45	32.66 2.56 -10.29	22.28 2.42 0.00	32.81 3.63 0.00	65.11 7.09 -5.88	217.24 5.17 -167.98	24.19 2.70 0.00	49.24 2.64 -27.76	23.12 2.55 0.00	23.32 2.47 0.00	24.10 2.42 0.00
SPIERFLS_115KV_TB 1 80737	18.48 0.35 0.00	20.67 0.28 0.00	21.14 0.21 0.00	20.50 0.23 0.00	19.06 0.26 0.00	19.61 0.53 0.00	21.90 0.73 0.00	21.39 0.85 0.00	21.06 0.82 0.00	22.56 0.86 0.00	21.69 0.76 0.00	21.34 0.72 0.00	20.63 0.73 0.00	19.68 0.69 0.00	20.48 0.67 0.00	20.50 0.63 0.00	30.32 1.15 0.00	54.17 2.03 0.00	45.83 1.75 0.00	22.41 0.91 0.00	19.62 0.78 0.00	21.35 0.79 0.00	21.61 0.75 0.00	22.27 0.59 0.00
ST LAWRENCE____ 23600	17.92 -0.22 0.00	20.38 -0.01 0.00	21.04 0.10 0.00	20.36 0.09 0.00	18.74 -0.06 0.00	18.83 -0.24 0.00	20.81 -0.36 0.00	20.07 -0.47 0.00	19.75 -0.49 0.00	21.22 -0.49 0.00	20.47 -0.46 0.00	20.18 -0.45 0.00	19.43 -0.47 0.00	18.50 -0.50 0.00	19.36 -0.45 0.00	19.43 -0.43 0.00	28.54 -0.64 0.00	50.93 -1.21 0.00	43.04 -1.05 0.00	20.98 -0.51 0.00	18.35 -0.49 0.00	20.13 -0.43 0.00	20.45 -0.40 0.00	21.44 -0.24 0.00
STATE_CA_115KV_115_LB 55624	18.75 0.61 0.00	20.88 0.49 0.00	21.36 0.43 0.00	20.69 0.42 0.00	19.29 0.50 0.00	19.67 0.59 0.00	21.83 0.66 0.00	21.30 0.75 0.00	20.99 0.75 0.00	22.45 0.75 0.00	21.65 0.73 0.00	21.32 0.69 0.00	20.66 0.76 0.00	19.78 0.79 0.00	20.57 0.76 0.00	20.60 0.73 0.00	30.24 1.06 0.00	54.01 1.87 0.00	45.62 1.53 0.00	22.29 0.79 0.00	19.63 0.78 0.00	21.31 0.74 0.00	21.53 0.68 0.00	22.23 0.55 0.00
STATE_ST_34_KV_LOAD 55959	18.10 -0.04 0.00	20.26 -0.13 0.00	20.74 -0.19 0.00	20.06 -0.21 0.00	18.70 -0.09 0.00	19.11 0.03 0.00	21.24 0.08 0.00	20.67 0.13 0.00	20.36 0.12 0.00	21.71 0.00 0.00	20.89 -0.03 0.00	20.62 -0.01 0.00	19.78 -0.12 0.00	18.91 -0.09 0.00	19.63 -0.17 0.00	19.79 -0.07 0.00	29.11 -0.07 0.00	52.26 0.12 0.00	44.31 0.22 0.00	21.42 -0.08 0.00	18.81 -0.03 0.00	20.51 -0.05 0.00	20.74 -0.12 0.00	21.60 -0.07 0.00
STATION 5_MISC_HYD 23604	17.30 -0.77 0.07	19.45 -0.88 0.06	18.69 -0.97 1.27	19.06 -1.00 0.21	17.99 -0.81 0.00	17.34 -0.75 0.99	19.03 -0.80 1.33	19.62 -0.78 0.14	18.62 -0.76 0.86	20.80 -0.90 0.00	20.00 -0.92 0.00	19.89 -0.74 0.00	19.09 -0.81 0.00	18.19 -0.81 0.00	18.87 -0.93 0.00	18.98 -0.87 0.00	28.05 -1.13 0.00	50.26 -1.88 0.00	42.46 -1.63 0.00	20.51 -0.98 0.00	17.98 -0.86 0.00	19.62 -0.95 0.00	20.07 -0.79 0.00	20.96 -0.72 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.73 -0.41 0.00	19.88 -0.52 0.00	20.33 -0.60 0.00	19.64 -0.63 0.00	18.34 -0.45 0.00	18.72 -0.36 0.00	20.85 -0.32 0.00	20.28 -0.26 0.00	19.96 -0.28 0.00	21.25 -0.46 0.00	20.39 -0.53 0.00	20.17 -0.45 0.00	19.37 -0.53 0.00	18.47 -0.53 0.00	19.18 -0.63 0.00	19.32 -0.54 0.00	28.62 -0.56 0.00	51.30 -0.84 0.00	43.42 -0.66 0.00	21.03 -0.47 0.00	18.42 -0.42 0.00	20.07 -0.50 0.00	20.45 -0.41 0.00	21.28 -0.39 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	17.30 -0.83 0.00	19.43 -0.96 0.00	19.88 -1.05 0.00	19.19 -1.08 0.00	17.92 -0.88 0.00	18.27 -0.81 0.00	20.31 -0.86 0.00	19.70 -0.84 0.00	19.43 -0.81 0.00	20.76 -0.94 0.00	19.95 -0.97 0.00	19.82 -0.81 0.00	19.03 -0.87 0.00	18.13 -0.87 0.00	18.82 -0.98 0.00	18.93 -0.93 0.00	27.98 -1.20 0.00	50.12 -2.02 0.00	42.35 -1.74 0.00	20.47 -1.02 0.00	17.94 -0.91 0.00	19.57 -1.00 0.00	20.00 -0.86 0.00	20.87 -0.81 0.00
STA_56___34_KV_BUS2 355983	17.30 -0.83 0.00	19.43 -0.96 0.00	19.88 -1.05 0.00	19.19 -1.08 0.00	17.92 -0.88 0.00	18.27 -0.81 0.00	20.31 -0.86 0.00	19.70 -0.84 0.00	19.43 -0.81 0.00	20.76 -0.94 0.00	19.95 -0.97 0.00	19.82 -0.81 0.00	19.03 -0.87 0.00	18.13 -0.87 0.00	18.82 -0.98 0.00	18.93 -0.93 0.00	27.98 -1.20 0.00	50.12 -2.02 0.00	42.35 -1.74 0.00	20.47 -1.02 0.00	17.94 -0.91 0.00	19.57 -1.00 0.00	20.00 -0.86 0.00	20.87 -0.81 0.00
STA_67___115KV_BK2 355882	17.33 -0.80 0.00	19.48 -0.92 0.00	19.93 -1.01 0.00	19.23 -1.04 0.00	17.95 -0.85 0.00	18.30 -0.78 0.00	20.33 -0.84 0.00	19.71 -0.83 0.00	19.44 -0.80 0.00	20.76 -0.94 0.00	19.96 -0.96 0.00	19.85 -0.78 0.00	19.05 -0.85 0.00	18.15 -0.85 0.00	18.84 -0.96 0.00	18.95 -0.91 0.00	27.99 -1.19 0.00	50.14 -2.00 0.00	42.36 -1.73 0.00	20.47 -1.03 0.00	17.94 -0.90 0.00	19.57 -0.99 0.00	20.02 -0.83 0.00	20.92 -0.76 0.00
STA_7___115KV_9TRANS 80674	17.44 -0.69 0.00	19.59 -0.80 0.00	20.05 -0.89 0.00	19.34 -0.93 0.00	18.06 -0.74 0.00	18.42 -0.66 0.00	20.46 -0.71 0.00	19.85 -0.69 0.00	19.57 -0.67 0.00	20.90 -0.81 0.00	20.09 -0.84 0.00	19.97 -0.66 0.00	19.17 -0.73 0.00	18.26 -0.74 0.00	18.95 -0.85 0.00	19.06 -0.80 0.00	28.18 -1.00 0.00	50.51 -1.64 0.00	42.68 -1.41 0.00	20.62 -0.87 0.00	18.07 -0.76 0.00	19.72 -0.85 0.00	20.16 -0.69 0.00	21.05 -0.62 0.00
STA_82___115KV_TB1 80780	17.34 -0.80 0.00	19.49 -0.91 0.00	19.94 -0.99 0.00	19.24 -1.03 0.00	17.96 -0.83 0.00	18.31 -0.77 0.00	20.34 -0.83 0.00	19.72 -0.82 0.00	19.45 -0.79 0.00	20.78 -0.92 0.00	19.97 -0.95 0.00	19.86 -0.77 0.00	19.06 -0.84 0.00	18.16 -0.84 0.00	18.84 -0.96 0.00	18.95 -0.91 0.00	27.99 -1.19 0.00	50.17 -1.98 0.00	42.38 -1.71 0.00	20.48 -1.01 0.00	17.95 -0.89 0.00	19.59 -0.98 0.00	20.04 -0.82 0.00	20.93 -0.75 0.00
STEEL___WIND 323596	17.15 -0.82 0.16	19.35 -0.90 0.14	16.98 -0.98 2.98	18.68 -1.10 0.49	17.94 -0.86 0.00	15.98 -0.80 2.30	17.23 -0.89 3.06	19.32 -0.91 0.31	17.46 -0.83 1.95	20.80 -0.90 0.00	19.98 -0.94 0.00	19.95 -0.67 0.00	19.12 -0.78 0.00	18.18 -0.81 0.00	18.84 -0.96 0.00	18.96 -0.90 0.00	27.95 -1.23 0.00	50.07 -2.07 0.00	42.18 -1.91 0.00	20.25 -1.25 0.00	17.75 -1.09 0.00	19.41 -1.16 0.00	20.04 -0.81 0.00	21.04 -0.64 0.00
STEPHTWN_115KV_BK_2 55603	18.89 0.75 0.00	21.03 0.64 0.00	21.48 0.55 0.00	20.81 0.55 0.00	19.41 0.61 0.00	19.83 0.75 0.00	22.05 0.88 0.00	21.56 1.02 0.00	21.22 0.98 0.00	22.72 1.01 0.00	21.87 0.95 0.00	21.54 0.91 0.00	20.84 0.94 0.00	19.99 1.00 0.00	20.74 0.93 0.00	20.78 0.92 0.00	30.60 1.42 0.00	54.66 2.52 0.00	46.22 2.13 0.00	22.57 1.08 0.00	19.82 0.99 0.00	21.58 1.01 0.00	21.77 0.91 0.00	22.47 0.80 0.00
STEUBEN_REC_LFGE 323667	18.46 0.32 0.00	20.68 0.29 0.00	21.09 0.15 0.00	20.40 0.13 0.00	19.08 0.28 0.00	19.48 0.40 0.00	21.91 0.74 0.00	21.41 0.87 0.00	21.11 0.87 0.00	22.41 0.71 0.00	21.41 0.49 0.00	21.05 0.42 0.00	20.10 0.20 0.00	19.10 0.10 0.00	19.62 -0.19 0.00	19.79 -0.08 0.00	29.27 0.09 0.00	52.18 0.04 0.00	44.50 0.42 0.00	21.54 0.05 0.00	18.88 0.04 0.00	20.48 -0.09 0.00	20.81 -0.04 0.00	21.58 -0.10 0.00
STILLWATER___SOLAR 323814	18.86 0.73 0.00	21.09 0.70 0.00	21.57 0.64 0.00	20.90 0.63 0.00	19.43 0.64 0.00	19.92 0.84 0.00	22.22 1.05 0.00	21.68 1.14 0.00	21.36 1.12 0.00	22.87 1.17 0.00	22.01 1.09 0.00	21.68 1.06 0.00	20.96 1.06 0.00	20.01 1.02 0.00	20.83 1.03 0.00	20.85 0.99 0.00	30.71 1.53 0.00	54.89 2.75 0.00	46.43 2.35 0.00	22.68 1.18 0.00	19.91 1.07 0.00	21.66 1.10 0.00	21.91 1.05 0.00	22.63 0.95 0.00
STONY___BROOK 24151	19.57 1.44 0.00	21.68 1.29 0.00	22.12 1.18 0.00	21.40 1.13 0.00	19.94 1.15 0.00	20.50 1.42 0.00	22.85 1.69 0.00	22.34 1.80 0.00	22.05 1.81 0.00	23.80 2.09 0.00	22.87 2.04 0.10	22.07 1.91 0.47	22.74 2.05 -0.79	41.57 2.03 -20.54	32.26 2.15 -10.29	21.90 2.03 0.00	32.12 2.94 0.00	64.26 5.33 -6.79	242.29 4.36 -193.84	23.75 2.26 0.00	52.85 2.00 -32.01	22.75 2.19 0.00	22.97 2.11 0.00	23.66 1.99 0.00
STURGEON_POOL_HYD 23609	19.11 0.97 0.00	21.26 0.87 0.00	21.69 0.76 0.00	21.01 0.75 0.00	19.56 0.77 0.00	20.09 1.02 0.00	22.53 1.36 0.00	22.06 1.52 0.00	21.78 1.54 0.00	23.43 1.73 0.00	22.61 1.69 0.00	22.26 1.64 0.00	21.49 1.59 0.00	20.52 1.53 0.00	21.40 1.59 0.00	21.48 1.61 0.00	31.58 2.40 0.00	56.48 4.34 0.00	47.75 3.66 0.00	23.33 1.83 0.00	20.44 1.60 0.00	22.23 1.67 0.00	22.48 1.62 0.00	23.15 1.47 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.95 0.82 0.00	21.11 0.71 0.00	21.53 0.60 0.00	20.87 0.60 0.00	19.42 0.63 0.00	19.91 0.83 0.00	22.28 1.11 0.00	21.79 1.25 0.00	21.49 1.25 0.00	23.11 1.40 0.00	22.30 1.37 0.00	21.97 1.34 0.00	21.23 1.33 0.00	20.30 1.30 0.00	21.15 1.34 0.00	21.21 1.34 0.00	31.15 1.97 0.00	55.74 3.60 0.00	47.10 3.01 0.00	23.00 1.51 0.00	20.16 1.32 0.00	21.92 1.36 0.00	22.19 1.33 0.00	22.87 1.19 0.00
SWANROAD_115KV_TB1 355699	16.63 -1.51 0.00	18.71 -1.69 0.00	19.24 -1.69 0.00	18.44 -1.82 0.00	17.22 -1.58 0.00	17.63 -1.45 0.00	19.45 -1.72 0.00	18.71 -1.83 0.00	18.51 -1.72 0.00	19.82 -1.88 0.00	19.05 -1.87 0.00	19.05 -1.58 0.00	18.23 -1.67 0.00	17.31 -1.68 0.00	17.94 -1.86 0.00	18.06 -1.81 0.00	26.61 -2.57 0.00	47.66 -4.48 0.00	40.15 -3.93 0.00	19.33 -2.17 0.00	16.96 -1.88 0.00	18.54 -2.03 0.00	19.19 -1.67 0.00	20.25 -1.42 0.00
SYNERGY___BIOGAS 323694	17.30 -0.72 0.11	19.49 -0.81 0.09	18.05 -0.86 2.02	18.95 -0.98 0.33	18.04 -0.76 0.00	16.88 -0.64 1.57	18.38 -0.70 2.09	19.59 -0.73 0.21	18.20 -0.70 1.34	20.79 -0.91 0.00	19.89 -1.04 0.00	19.83 -0.80 0.00	18.96 -0.94 0.00	18.11 -0.88 0.00	18.75 -1.06 0.00	18.90 -0.96 0.00	27.96 -1.22 0.00	50.34 -1.80 0.00	42.55 -1.53 0.00	20.48 -1.02 0.00	17.96 -0.88 0.00	19.61 -0.96 0.00	20.18 -0.68 0.00	21.17 -0.51 0.00
SYRACUSE___ENERGY_ST1 323597	17.91 -0.22 0.00	20.05 -0.35 0.00	20.50 -0.43 0.00	19.84 -0.43 0.00	18.49 -0.30 0.00	18.86 -0.22 0.00	20.95 -0.22 0.00	20.37 -0.18 0.00	20.07 -0.17 0.00	21.47 -0.24 0.00	20.67 -0.25 0.00	20.39 -0.24 0.00	19.62 -0.28 0.00	18.75 -0.25 0.00	19.50 -0.31 0.00	19.61 -0.25 0.00	28.87 -0.31 0.00	51.67 -0.48 0.00	43.72 -0.37 0.00	21.23 -0.27 0.00	18.61 -0.23 0.00	20.27 -0.29 0.00	20.56 -0.30 0.00	21.33 -0.34 0.00

SYRACUSE___ENERGY_ST2 323598	17.91 -0.22 0.00	20.05 -0.35 0.00	20.50 -0.43 0.00	19.84 -0.43 0.00	18.49 -0.30 0.00	18.86 -0.22 0.00	20.95 -0.22 0.00	20.37 -0.18 0.00	20.07 -0.17 0.00	21.47 -0.24 0.00	20.67 -0.25 0.00	20.39 -0.24 0.00	19.62 -0.28 0.00	18.75 -0.25 0.00	19.50 -0.31 0.00	19.61 -0.25 0.00	28.87 -0.31 0.00	51.67 -0.48 0.00	43.72 -0.37 0.00	21.23 -0.27 0.00	18.61 -0.23 0.00	20.27 -0.29 0.00	20.56 -0.30 0.00	21.33 -0.34 0.00
SYRACUSE___POWER 24017	17.91 -0.22 0.00	20.04 -0.36 0.00	20.49 -0.44 0.00	19.84 -0.43 0.00	18.49 -0.30 0.00	18.86 -0.22 0.00	20.96 -0.21 0.00	20.38 -0.16 0.00	20.09 -0.15 0.00	21.48 -0.22 0.00	20.69 -0.23 0.00	20.40 -0.23 0.00	19.64 -0.26 0.00	18.76 -0.24 0.00	19.50 -0.31 0.00	19.61 -0.26 0.00	28.89 -0.29 0.00	51.71 -0.43 0.00	43.76 -0.33 0.00	21.25 -0.24 0.00	18.63 -0.21 0.00	20.29 -0.28 0.00	20.59 -0.27 0.00	21.35 -0.33 0.00
TALLMAN__138KV_BK151 55660	19.04 0.90 0.00	21.18 0.78 0.00	21.60 0.67 0.00	20.94 0.67 0.00	19.49 0.69 0.00	19.99 0.91 0.00	22.39 1.22 0.00	21.92 1.38 0.00	21.61 1.37 0.00	23.26 1.55 0.00	22.45 1.52 0.00	22.11 1.48 0.00	21.38 1.48 0.00	20.46 1.47 0.00	21.32 1.52 0.00	21.36 1.50 0.00	31.38 2.20 0.00	56.15 4.01 0.00	47.43 3.34 0.00	23.16 1.67 0.00	20.29 1.46 0.00	22.07 1.50 0.00	22.33 1.48 0.00	23.00 1.33 0.00
TEALLAVE_115KV_TB7 355573	17.76 -0.38 0.00	19.87 -0.53 0.00	20.32 -0.61 0.00	19.67 -0.60 0.00	18.34 -0.45 0.00	18.69 -0.39 0.00	20.77 -0.39 0.00	20.19 -0.35 0.00	19.91 -0.33 0.00	21.30 -0.41 0.00	20.52 -0.40 0.00	20.25 -0.38 0.00	19.50 -0.40 0.00	18.63 -0.37 0.00	19.38 -0.43 0.00	19.47 -0.40 0.00	28.67 -0.51 0.00	51.30 -0.85 0.00	43.40 -0.69 0.00	21.08 -0.42 0.00	18.47 -0.36 0.00	20.13 -0.44 0.00	20.43 -0.43 0.00	21.18 -0.50 0.00
TELGRAPH_34_KV_EAST 80808	17.11 -1.03 0.00	19.25 -1.14 0.00	19.76 -1.17 0.00	18.97 -1.29 0.00	17.73 -1.06 0.00	18.13 -0.95 0.00	20.08 -1.09 0.00	19.38 -1.16 0.00	19.17 -1.08 0.00	20.46 -1.24 0.00	19.63 -1.29 0.00	19.59 -1.03 0.00	18.75 -1.15 0.00	17.83 -1.16 0.00	18.47 -1.33 0.00	18.62 -1.24 0.00	27.48 -1.70 0.00	49.32 -2.82 0.00	41.62 -2.47 0.00	20.02 -1.47 0.00	17.56 -1.28 0.00	19.18 -1.38 0.00	19.79 -1.07 0.00	20.81 -0.87 0.00
TEMPLE___115KV_TB 2 55572	17.77 -0.36 0.00	19.88 -0.51 0.00	20.34 -0.59 0.00	19.69 -0.58 0.00	18.36 -0.44 0.00	18.71 -0.37 0.00	20.79 -0.38 0.00	20.21 -0.33 0.00	19.93 -0.31 0.00	21.32 -0.38 0.00	20.54 -0.38 0.00	20.27 -0.36 0.00	19.52 -0.38 0.00	18.65 -0.35 0.00	19.39 -0.42 0.00	19.49 -0.38 0.00	28.69 -0.49 0.00	51.33 -0.81 0.00	43.43 -0.66 0.00	21.10 -0.40 0.00	18.49 -0.35 0.00	20.14 -0.43 0.00	20.44 -0.42 0.00	21.20 -0.48 0.00
TIANA____69_KV_BK 1 55817	19.73 1.60 0.00	21.82 1.42 0.00	22.25 1.31 0.00	21.52 1.26 0.00	20.07 1.27 0.00	20.63 1.55 0.00	22.98 1.81 0.00	22.45 1.91 0.00	22.12 1.88 0.00	23.77 2.07 0.00	20.81 1.99 2.10	12.51 1.85 9.96	16.78 2.01 5.13	19.49 2.01 1.52	32.24 2.14 -10.29	21.88 2.02 0.00	32.17 2.99 0.00	63.95 5.92 -5.88	216.68 4.63 -167.95	23.83 2.33 0.00	48.84 2.24 -27.76	22.89 2.33 0.00	23.14 2.28 0.00	23.86 2.18 0.00
TILDEN___115KV_TB1 80814	17.91 -0.22 0.00	20.04 -0.36 0.00	20.49 -0.44 0.00	19.84 -0.43 0.00	18.49 -0.30 0.00	18.86 -0.22 0.00	20.96 -0.21 0.00	20.38 -0.16 0.00	20.09 -0.15 0.00	21.48 -0.22 0.00	20.69 -0.23 0.00	20.40 -0.23 0.00	19.64 -0.26 0.00	18.76 -0.24 0.00	19.50 -0.31 0.00	19.61 -0.26 0.00	28.89 -0.29 0.00	51.71 -0.43 0.00	43.76 -0.33 0.00	21.25 -0.24 0.00	18.63 -0.21 0.00	20.29 -0.28 0.00	20.59 -0.27 0.00	21.35 -0.33 0.00
TRIGEN___CC 323695	19.35 1.22 0.00	21.48 1.08 0.00	21.87 0.94 0.00	21.18 0.92 0.00	19.74 0.95 0.00	20.28 1.20 0.00	22.67 1.50 0.00	22.16 1.62 0.00	21.89 1.65 0.00	23.62 1.91 0.00	22.81 1.89 0.00	22.49 1.86 0.00	22.88 1.90 -1.08	42.51 1.88 -21.63	32.04 1.94 -10.29	21.74 1.88 0.00	31.86 2.68 0.00	56.86 4.72 0.00	47.95 3.86 0.00	23.53 2.04 0.00	20.63 1.79 0.00	22.47 1.91 0.00	22.70 1.84 0.00	23.38 1.70 0.00
TRINITY__115KV__ 4 BK 55933	18.70 0.56 0.00	20.82 0.43 0.00	21.30 0.37 0.00	20.63 0.36 0.00	19.23 0.44 0.00	19.62 0.54 0.00	21.76 0.59 0.00	21.23 0.69 0.00	20.92 0.68 0.00	22.37 0.67 0.00	21.57 0.65 0.00	21.24 0.61 0.00	20.58 0.69 0.00	19.71 0.71 0.00	20.50 0.69 0.00	20.53 0.67 0.00	30.12 0.94 0.00	53.79 1.65 0.00	45.44 1.36 0.00	22.21 0.71 0.00	19.56 0.72 0.00	21.24 0.68 0.00	21.47 0.61 0.00	22.16 0.49 0.00
UNION___PROCESSING_DRP 323587	17.35 -0.79 0.00	19.49 -0.90 0.00	19.95 -0.99 0.00	19.24 -1.03 0.00	17.97 -0.83 0.00	18.31 -0.76 0.00	20.35 -0.82 0.00	19.73 -0.81 0.00	19.46 -0.78 0.00	20.78 -0.92 0.00	19.98 -0.94 0.00	19.86 -0.77 0.00	19.06 -0.84 0.00	18.16 -0.84 0.00	18.85 -0.96 0.00	18.96 -0.90 0.00	28.00 -1.18 0.00	50.19 -1.96 0.00	42.41 -1.68 0.00	20.49 -1.00 0.00	17.95 -0.88 0.00	19.60 -0.97 0.00	20.04 -0.81 0.00	20.94 -0.74 0.00
UPPER HUDSON___HYD 24058	18.48 0.35 0.00	20.67 0.28 0.00	21.14 0.21 0.00	20.50 0.23 0.00	19.05 0.26 0.00	19.61 0.54 0.00	21.90 0.73 0.00	21.39 0.85 0.00	21.06 0.82 0.00	22.56 0.86 0.00	21.69 0.76 0.00	21.34 0.72 0.00	20.63 0.73 0.00	19.68 0.69 0.00	20.48 0.67 0.00	20.50 0.63 0.00	30.32 1.14 0.00	54.17 2.03 0.00	45.83 1.74 0.00	22.41 0.91 0.00	19.62 0.78 0.00	21.35 0.79 0.00	21.61 0.75 0.00	22.27 0.59 0.00
UPPER RAQUET___HYD 24056	17.87 -0.27 0.00	20.34 -0.05 0.00	21.03 0.10 0.00	20.35 0.08 0.00	18.65 -0.15 0.00	18.66 -0.42 0.00	20.68 -0.49 0.00	19.97 -0.57 0.00	19.63 -0.61 0.00	21.06 -0.64 0.00	20.28 -0.64 0.00	19.94 -0.68 0.00	19.16 -0.74 0.00	18.21 -0.79 0.00	19.10 -0.70 0.00	19.17 -0.69 0.00	28.22 -0.95 0.00	50.45 -1.70 0.00	42.70 -1.38 0.00	20.74 -0.75 0.00	18.12 -0.72 0.00	19.90 -0.67 0.00	20.28 -0.58 0.00	21.25 -0.43 0.00
VALLEY44_115KV_TB2 355964	17.98 -0.15 0.00	20.20 -0.19 0.00	20.66 -0.27 0.00	19.89 -0.38 0.00	18.57 -0.23 0.00	18.97 -0.11 0.00	21.12 -0.05 0.00	20.45 -0.09 0.00	20.23 -0.01 0.00	21.60 -0.10 0.00	20.79 -0.13 0.00	20.70 0.08 0.00	20.02 0.12 0.00	19.15 0.15 0.00	19.83 0.02 0.00	19.92 0.05 0.00	29.29 0.11 0.00	52.19 0.05 0.00	43.89 -0.20 0.00	21.09 -0.41 0.00	18.50 -0.34 0.00	20.30 -0.26 0.00	20.98 0.12 0.00	21.84 0.16 0.00
VALLEY___115KV_TB 1-4 80826	18.50 0.36 0.00	20.64 0.25 0.00	21.10 0.16 0.00	20.43 0.16 0.00	19.04 0.24 0.00	19.48 0.40 0.00	21.72 0.55 0.00	21.19 0.65 0.00	20.85 0.61 0.00	22.30 0.60 0.00	21.48 0.56 0.00	21.11 0.49 0.00	20.42 0.52 0.00	19.48 0.48 0.00	20.28 0.47 0.00	20.27 0.41 0.00	29.84 0.66 0.00	53.48 1.34 0.00	45.30 1.21 0.00	22.06 0.57 0.00	19.30 0.46 0.00	21.01 0.45 0.00	21.38 0.52 0.00	22.06 0.38 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.93 0.79 0.00	21.16 0.77 0.00	21.65 0.72 0.00	20.97 0.70 0.00	19.52 0.72 0.00	19.95 0.87 0.00	22.27 1.10 0.00	21.72 1.18 0.00	21.47 1.23 0.00	23.01 1.31 0.00	22.11 1.19 0.00	21.79 1.16 0.00	21.05 1.15 0.00	20.10 1.10 0.00	20.89 1.09 0.00	20.93 1.07 0.00	30.83 1.65 0.00	55.17 3.03 0.00	46.72 2.63 0.00	22.76 1.26 0.00	19.93 1.09 0.00	21.70 1.14 0.00	22.01 1.15 0.00	22.75 1.08 0.00
VISCHER___FERRY HYD 24020	18.85 0.72 0.00	21.05 0.65 0.00	21.53 0.60 0.00	20.86 0.59 0.00	19.40 0.61 0.00	19.85 0.77 0.00	22.11 0.94 0.00	21.57 1.02 0.00	21.26 1.02 0.00	22.76 1.06 0.00	21.92 1.01 0.00	21.60 0.97 0.00	20.90 1.00 0.00	19.96 0.97 0.00	20.78 0.98 0.00	20.81 0.95 0.00	30.55 1.37 0.00	54.54 2.40 0.00	46.12 2.03 0.00	22.55 1.05 0.00	19.82 0.98 0.00	21.57 1.01 0.00	21.82 0.96 0.00	22.54 0.86 0.00
V_A_10_SYNC_DSASP 323832	16.77 -1.25 0.11	18.92 -1.37 0.10	17.40 -1.47 2.06	18.41 -1.52 0.34	17.51 -1.28 0.00	16.23 -1.25 1.60	17.65 -1.40 2.13	18.92 -1.41 0.21	17.55 -1.34 1.36	20.23 -1.47 0.00	19.46 -1.46 0.00	19.42 -1.21 0.00	18.63 -1.27 0.00	17.73 -1.27 0.00	18.37 -1.43 0.00	18.49 -1.37 0.00	27.24 -1.94 0.00	48.75 -3.39 0.00	41.09 -3.00 0.00	19.80 -1.70 0.00	17.37 -1.47 0.00	18.99 -1.58 0.00	19.54 -1.32 0.00	20.49 -1.19 0.00
V_CMM_10_SYNC_DSASP 323787	18.00 -0.13 0.00	20.47 0.07 0.00	21.13 0.20 0.00	20.44 0.18 0.00	18.83 0.03 0.00	18.92 -0.16 0.00	20.91 -0.26 0.00	20.17 -0.37 0.00	19.85 -0.39 0.00	21.33 -0.38 0.00	20.56 -0.36 0.00	20.28 -0.35 0.00	19.52 -0.38 0.00	18.58 -0.42 0.00	19.45 -0.36 0.00	19.52 -0.34 0.00	28.68 -0.50 0.00	51.19 -0.95 0.00	43.24 -0.85 0.00	21.08 -0.41 0.00	18.44 -0.40 0.00	20.23 -0.33 0.00	20.56 -0.30 0.00	21.54 -0.13 0.00
V_CMP_10_SYNC_DSASP 323788	18.63 0.50 0.00	21.15 0.75 0.00	21.94 1.01 0.00	21.39 1.12 0.00	19.66 0.87 0.00	19.77 0.69 0.00	22.01 0.84 0.00	21.26 0.72 0.00	20.74 0.50 0.00	22.12 0.41 0.00	21.33 0.41 0.00	20.99 0.36 0.00	20.11 0.21 0.00	19.18 0.19 0.00	20.08 0.27 0.00	20.40 0.54 0.00	29.85 0.67 0.00	52.79 0.65 0.00	44.59 0.50 0.00	21.61 0.12 0.00	18.90 0.06 0.00	20.69 0.13 0.00	21.06 0.20 0.00	22.04 0.36 0.00
V_D_10_SYNC_DSASP 323841	18.09 -0.04 0.00	20.57 0.18 0.00	21.24 0.31 0.00	20.55 0.28 0.00	18.91 0.11 0.00	18.99 -0.09 0.00	21.00 -0.16 0.00	20.26 -0.28 0.00	19.93 -0.31 0.00	21.41 -0.29 0.00	20.64 -0.28 0.00	20.35 -0.28 0.00	19.58 -0.32 0.00	18.64 -0.36 0.00	19.53 -0.28 0.00	19.59 -0.28 0.00	28.79 -0.39 0.00	51.40 -0.74 0.00	43.44 -0.65 0.00	21.16 -0.34 0.00	18.50 -0.34 0.00	20.31 -0.26 0.00	20.64 -0.22 0.00	21.63 -0.05 0.00
V_E_10_SYNC_DSASP 323830	19.52 1.35 -0.04	21.96 1.53 -0.04	23.17 1.48 -0.75	21.88 1.49 -0.12	20.35 1.55 0.00	21.40 1.74 -0.58	24.09 2.15 -0.77	22.88 2.27 -0.08	23.00 2.27 -0.49	23.99 2.29 0.00	24.10 3.18 0.00	23.69 3.07 0.00	21.79 1.89 0.00	20.61 1.62 0.00	21.31 1.51 0.00	21.45 1.59 0.00	31.94 2.76 0.00	57.59 5.45 0.00	48.87 4.78 0.00	23.58 2.09 0.00	20.58 1.74 0.00	22.24 1.67 0.00	22.54 1.68 0.00	23.32 1.64 0.00
V_F_30_NSYNC___DSASP 323816	18.88 0.75 0.00	21.11 0.72 0.00	21.59 0.66 0.00	20.92 0.65 0.00	19.45 0.66 0.00	19.94 0.86 0.00	22.24 1.08 0.00	21.69 1.15 0.00	21.38 1.14 0.00	22.90 1.20 0.00	22.04 1.12 0.00	21.71 1.08 0.00	20.99 1.09 0.00	20.04 1.04 0.00	20.86 1.05 0.00	20.87 1.01 0.00	30.75 1.57 0.00	54.96 2.82 0.00	46.48 2.39 0.00	22.70 1.21 0.00	19.92 1.08 0.00	21.68 1.11 0.00	21.92 1.07 0.00	22.65 0.97 0.00
V_F_30_SYNC_DSASP 323786	18.75 0.61 0.00	20.88 0.49 0.00	21.36 0.42 0.00	20.69 0.42 0.00	19.29 0.50 0.00	19.67 0.59 0.00	21.83 0.66 0.00	21.29 0.75 0.00	20.99 0.75 0.00	22.45 0.75 0.00	21.64 0.72 0.00	21.32 0.69 0.00	20.66 0.76 0.00	19.78 0.79 0.00	20.57 0.76 0.00	20.59 0.73 0.00	30.23 1.06 0.00	54.01 1.87 0.00	45.62 1.53 0.00	22.29 0.79 0.00	19.63 0.78 0.00	21.31 0.74 0.00	21.53 0.67 0.00	22.23 0.55 0.00
V_XM_10_SYNC_DSASP 323789	18.63 0.50 0.00	21.15 0.75 0.00	21.94 1.01 0.00	21.39 1.12 0.00	19.66 0.87 0.00	19.77 0.69 0.00	22.01 0.84 0.00	21.26 0.72 0.00	20.74 0.50 0.00	22.12 0.41 0.00	21.33 0.41 0.00	20.99 0.36 0.00	20.11 0.21 0.00	19.18 0.19 0.00	20.08 0.27 0.00	20.40 0.54 0.00	29.85 0.67 0.00	52.79 0.65 0.00	44.59 0.50 0.00	21.61 0.12 0.00	18.90 0.06 0.00	20.69 0.13 0.00	21.06 0.20 0.00	22.04 0.36 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.10 0.96 0.00	21.24 0.85 0.00	21.66 0.73 0.00	21.00 0.73 0.00	19.55 0.75 0.00	20.05 0.97 0.00	22.46 1.30 0.00	21.99 1.45 0.00	21.69 1.45 0.00	23.33 1.63 0.00	22.52 1.60 0.00	22.18 1.56 0.00	21.45 1.55 0.00	20.52 1.53 0.00	21.39 1.58 0.00	21.43 1.57 0.00	31.48 2.30 0.00	56.33 4.19 0.00	47.57 3.48 0.00	23.24 1.75 0.00	20.36 1.52 0.00	22.14 1.58 0.00	22.40 1.54 0.00	23.07 1.39 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.11 0.98 0.00	21.20 0.81 0.00	21.59 0.66 0.00	20.94 0.68 0.00	19.51 0.72 0.00	20.04 0.96 0.00	22.47 1.30 0.00	22.01 1.47 0.00	21.72 1.48 0.00	23.41 1.71 0.00	22.58 1.66 0.00	22.24 1.61 0.00	21.51 1.61 0.00	20.59 1.59 0.00	21.46 1.65 0.00	21.50 1.64 0.00	31.56 2.38 0.00	56.44 4.30 0.00	47.63 3.54 0.00	23.33 1.84 0.00	20.45 1.61 0.00	22.21 1.65 0.00	22.44 1.58 0.00	23.05 1.37 0.00
W50THST__13_KV_LOAD 356117	19.19 1.05 0.00	21.28 0.88 0.00	21.66 0.73 0.00	21.02 0.75 0.00	19.58 0.79 0.00	20.12 1.04 0.00	22.59 1.42 0.00	22.14 1.60 0.00	21.85 1.61 0.00	23.57 1.86 0.00	22.73 1.81 0.00	22.37 1.75 0.00	21.65 1.75 0.00	20.73 1.73 0.00	21.60 1.79 0.00	21.64 1.78 0.00	31.78 2.60 0.00	56.84 4.70 0.00	47.95 3.87 0.00	23.48 1.99 0.00	20.57 1.73 0.00	22.34 1.78 0.00	22.57 1.71 0.00	23.17 1.49 0.00
WADING RIVER_IC_1 23522	19.62 1.49 0.00	21.71 1.32 0.00	22.15 1.22 0.00	21.43 1.16 0.00	19.98 1.18 0.00	20.53 1.45 0.00	22.86 1.69 0.00	22.33 1.79 0.00	21.99 1.75 0.00	23.61 1.91 1.95	20.81 1.83 9.25	13.02 1.64 4.69	17.01 1.80 -0.13	20.93 1.80 -10.29	32.03 1.92 0.00	21.66 1.79 0.00	31.83 2.65 0.00	63.43 5.39 -5.90	216.86 4.25 -168.52	23.61 2.12 0.00	48.76 2.07 -27.85	22.73 2.16 0.00	22.98 2.12 0.00	23.71 2.03 0.00
WADING RIVER_IC_2 23547	19.62 1.49 0.00	21.71 1.32 0.00	22.15 1.22 0.00	21.43 1.16 0.00	19.98 1.18 0.00	20.53 1.45 0.00	22.86 1.69 0.00	22.33 1.79 0.00	21.99 1.75 0.00	23.61 1.91 1.95	20.81 1.83 9.25	13.02 1.64 4.69	17.01 1.80 -0.13	20.93 1.80 -10.29	32.03 1.92 0.00	21.66 1.79 0.00	31.83 2.65 0.00	63.43 5.39 -5.90	216.86 4.25 -168.52	23.61 2.12 0.00	48.76 2.07 -27.85	22.73 2.16 0.00	22.98 2.12 0.00	23.71 2.03 0.00

WADING RIVER_IC_3 23601	19.62 1.49 0.00	21.71 1.32 0.00	22.15 1.22 0.00	21.43 1.16 0.00	19.98 1.18 0.00	20.53 1.45 0.00	22.86 1.69 0.00	22.33 1.79 0.00	21.99 1.75 0.00	23.61 1.91 0.00	20.81 1.83 1.95	13.02 1.64 9.25	17.01 1.80 4.69	20.93 1.80 -0.13	32.03 1.92 -10.29	21.66 1.79 0.00	31.83 2.65 0.00	63.43 5.39 -5.90	216.86 4.25 -168.52	23.61 2.12 0.00	48.76 2.07 -27.85	22.73 2.16 0.00	22.98 2.12 0.00	23.71 2.03 0.00
WALDENNY_I2_KV_BK2 80841	17.30 -0.84 0.00	19.47 -0.93 0.00	19.95 -0.98 0.00	19.17 -1.10 0.00	17.91 -0.89 0.00	18.29 -0.79 0.00	20.28 -0.89 0.00	19.61 -0.93 0.00	19.41 -0.83 0.00	20.79 -0.91 0.00	19.99 -0.93 0.00	19.95 -0.67 0.00	19.11 -0.79 0.00	18.17 -0.83 0.00	18.83 -0.98 0.00	18.94 -0.92 0.00	27.91 -1.27 0.00	50.00 -2.14 0.00	42.14 -1.95 0.00	20.24 -1.26 0.00	17.74 -1.10 0.00	19.39 -1.17 0.00	20.02 -0.83 0.00	21.02 -0.66 0.00
WALDEN___HYDRO 24148	19.16 1.03 0.00	21.34 0.94 0.00	21.77 0.84 0.00	21.09 0.82 0.00	19.64 0.84 0.00	20.14 1.06 0.00	22.56 1.39 0.00	22.09 1.55 0.00	21.79 1.55 0.00	23.40 1.70 0.00	22.56 1.63 0.00	22.23 1.60 0.00	21.48 1.58 0.00	20.43 1.44 0.00	21.29 1.48 0.00	21.39 1.53 0.00	31.52 2.34 0.00	56.47 4.33 0.00	47.77 3.68 0.00	23.31 1.82 0.00	20.44 1.60 0.00	22.22 1.66 0.00	22.48 1.62 0.00	23.15 1.47 0.00
WARRENSBURG____ 23737	18.48 0.35 0.00	20.67 0.28 0.00	21.14 0.21 0.00	20.50 0.23 0.00	19.05 0.26 0.00	19.61 0.54 0.00	21.90 0.73 0.00	21.39 0.85 0.00	21.06 0.82 0.00	22.56 0.86 0.00	21.69 0.76 0.00	21.34 0.72 0.00	20.63 0.73 0.00	19.68 0.69 0.00	20.48 0.67 0.00	20.50 0.63 0.00	30.32 1.14 0.00	54.17 2.03 0.00	45.83 1.74 0.00	22.41 0.91 0.00	19.62 0.78 0.00	21.35 0.79 0.00	21.61 0.75 0.00	22.27 0.59 0.00
WATERSIDE___6 8 9 23538	19.16 1.03 0.00	21.25 0.86 0.00	21.64 0.71 0.00	20.99 0.72 0.00	19.56 0.76 0.00	20.07 0.99 0.00	22.53 1.37 0.00	22.07 1.53 0.00	21.79 1.55 0.00	23.50 1.80 0.00	22.64 1.72 0.00	22.28 1.65 0.00	21.55 1.65 0.00	20.62 1.62 0.00	21.49 1.68 0.00	21.54 1.67 0.00	31.59 2.41 0.00	56.54 4.40 0.00	47.77 3.68 0.00	23.40 1.91 0.00	20.49 1.65 0.00	22.25 1.68 0.00	22.47 1.61 0.00	23.11 1.43 0.00
WATKINRD_115KV_LN8_IL 55919	18.42 0.28 0.00	20.58 0.19 0.00	21.05 0.12 0.00	20.39 0.12 0.00	18.98 0.18 0.00	19.37 0.30 0.00	21.59 0.42 0.00	21.05 0.50 0.00	20.73 0.49 0.00	22.20 0.49 0.00	21.37 0.45 0.00	21.02 0.39 0.00	20.33 0.43 0.00	19.40 0.40 0.00	20.19 0.38 0.00	20.21 0.34 0.00	29.73 0.55 0.00	53.26 1.13 0.00	45.11 1.02 0.00	22.00 0.50 0.00	19.29 0.45 0.00	21.01 0.44 0.00	21.30 0.44 0.00	22.00 0.32 0.00
WATSON___69_KV_BK 1 55734	19.71 1.57 0.00	21.82 1.43 0.00	22.26 1.33 0.00	21.54 1.27 0.00	20.08 1.28 0.00	20.64 1.56 0.00	23.02 1.85 0.00	22.50 1.96 0.00	22.22 1.98 0.00	23.97 2.27 0.00	23.15 2.23 0.00	22.73 2.11 0.00	23.22 2.24 -1.08	42.84 2.22 -21.63	32.44 2.34 -10.29	22.08 2.21 0.00	32.38 3.20 0.00	59.89 5.83 -1.92	103.46 4.62 -54.75	23.92 2.42 0.00	30.06 2.18 -9.04	22.91 2.35 0.00	23.13 2.28 0.00	23.83 2.15 0.00
WDELAWARE___HYD 323627	18.81 0.67 0.00	20.95 0.56 0.00	21.38 0.45 0.00	20.73 0.46 0.00	19.29 0.50 0.00	19.80 0.72 0.00	22.24 1.07 0.00	21.81 1.27 0.00	21.66 1.42 0.00	23.26 1.55 0.00	22.37 1.45 0.00	21.84 1.22 0.00	20.55 0.66 0.00	19.61 0.61 0.00	20.51 0.70 0.00	20.56 0.70 0.00	30.38 1.21 0.00	54.52 2.38 0.00	46.13 2.04 0.00	22.58 1.09 0.00	20.27 1.42 0.00	22.03 1.47 0.00	22.28 1.43 0.00	22.95 1.27 0.00
WEST BABYLON___IC 23714	19.64 1.51 0.00	21.76 1.37 0.00	22.20 1.27 0.00	21.48 1.21 0.00	20.02 1.22 0.00	20.57 1.50 0.00	22.96 1.79 0.00	22.44 1.90 0.00	22.17 1.94 0.00	23.93 2.23 0.00	23.11 2.19 0.00	22.72 2.10 0.00	23.19 2.20 -1.08	42.81 2.18 -21.63	32.40 2.30 -10.29	22.04 2.17 0.00	32.33 3.15 0.00	58.22 5.65 -0.43	60.87 4.53 -12.25	23.88 2.38 0.00	22.98 2.12 -2.02	22.86 2.29 0.00	23.07 2.21 0.00	23.75 2.07 0.00
WEST CANADA___HYD 24049	18.27 0.13 0.00	20.47 0.08 0.00	20.99 0.06 0.00	20.33 0.06 0.00	18.89 0.09 0.00	19.23 0.15 0.00	21.36 0.20 0.00	20.77 0.22 0.00	20.46 0.22 0.00	21.94 0.24 0.00	21.15 0.23 0.00	20.84 0.21 0.00	20.12 0.22 0.00	19.22 0.22 0.00	20.02 0.22 0.00	20.06 0.20 0.00	29.47 0.29 0.00	52.71 0.57 0.00	44.58 0.49 0.00	21.73 0.24 0.00	19.06 0.22 0.00	20.77 0.20 0.00	21.04 0.19 0.00	21.84 0.16 0.00
WESTERN_NY_WIND 24143	17.39 -0.75 0.00	19.55 -0.84 0.00	20.05 -0.88 0.00	19.27 -1.00 0.00	18.01 -0.79 0.00	18.42 -0.65 0.00	20.45 -0.72 0.00	19.77 -0.77 0.00	19.52 -0.72 0.00	20.77 -0.94 0.00	19.86 -1.06 0.00	19.80 -0.82 0.00	18.94 -0.96 0.00	18.09 -0.91 0.00	18.73 -1.08 0.00	18.88 -0.98 0.00	27.91 -1.27 0.00	50.26 -1.88 0.00	42.48 -1.61 0.00	20.44 -1.05 0.00	17.92 -0.92 0.00	19.57 -1.00 0.00	20.14 -0.72 0.00	21.14 -0.54 0.00
WESTOVER___LESR 323668	18.31 0.18 0.00	20.48 0.08 0.00	20.93 0.00 0.00	20.27 0.00 0.00	18.89 0.10 0.00	19.28 0.20 0.00	21.50 0.34 0.00	20.98 0.44 0.00	20.67 0.43 0.00	22.01 0.30 0.00	21.18 0.26 0.00	20.89 0.26 0.00	20.15 0.25 0.00	19.24 0.24 0.00	19.98 0.17 0.00	20.07 0.21 0.00	29.57 0.39 0.00	52.84 0.70 0.00	44.72 0.64 0.00	21.70 0.21 0.00	19.03 0.19 0.00	20.71 0.14 0.00	21.05 0.19 0.00	21.76 0.08 0.00
WETHRSFD_WT_PWR 323626	16.92 -1.06 0.15	19.12 -1.14 0.13	16.89 -1.22 2.82	18.48 -1.33 0.46	17.73 -1.07 0.00	15.86 -1.03 2.18	17.08 -1.19 2.90	19.04 -1.20 0.29	17.28 -1.11 1.85	20.50 -1.20 0.00	19.71 -1.21 0.00	19.65 -0.98 0.00	18.77 -1.13 0.00	17.80 -1.20 0.00	18.44 -1.36 0.00	18.60 -1.27 0.00	27.46 -1.72 0.00	49.39 -2.75 0.00	41.59 -2.50 0.00	19.92 -1.57 0.00	17.41 -1.43 0.00	19.07 -1.50 0.00	19.70 -1.15 0.00	20.72 -0.96 0.00
WHAVSTOR_138KV_BK127 55557	19.03 0.89 0.00	21.16 0.77 0.00	21.58 0.65 0.00	20.92 0.65 0.00	19.47 0.68 0.00	19.97 0.89 0.00	22.37 1.21 0.00	21.90 1.36 0.00	21.59 1.35 0.00	23.23 1.53 0.00	22.43 1.50 0.00	22.08 1.46 0.00	21.36 1.46 0.00	20.44 1.44 0.00	21.30 1.49 0.00	21.34 1.48 0.00	31.35 2.17 0.00	56.09 3.95 0.00	47.36 3.27 0.00	23.14 1.65 0.00	20.28 1.44 0.00	22.05 1.48 0.00	22.31 1.46 0.00	22.98 1.30 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.03 0.89 0.00	21.16 0.77 0.00	21.58 0.65 0.00	20.92 0.65 0.00	19.47 0.68 0.00	19.97 0.89 0.00	22.37 1.21 0.00	21.90 1.36 0.00	21.59 1.35 0.00	23.23 1.53 0.00	22.43 1.50 0.00	22.08 1.46 0.00	21.36 1.46 0.00	20.44 1.44 0.00	21.30 1.49 0.00	21.34 1.48 0.00	31.35 2.17 0.00	56.09 3.95 0.00	47.36 3.27 0.00	23.14 1.65 0.00	20.28 1.44 0.00	22.05 1.48 0.00	22.31 1.46 0.00	22.98 1.30 0.00

WHITEHAL_115KV_TB1 80871	18.70 0.56 0.00	20.98 0.58 0.00	21.51 0.58 0.00	20.90 0.64 0.00	19.39 0.59 0.00	20.27 1.20 0.00	22.67 1.51 0.00	22.21 1.67 0.00	21.77 1.53 0.00	23.27 1.56 0.00	22.29 1.36 0.00	21.89 1.27 0.00	21.13 1.23 0.00	20.13 1.14 0.00	20.88 1.08 0.00	20.95 1.08 0.00	31.33 2.15 0.00	55.63 3.49 0.00	47.17 3.08 0.00	23.08 1.59 0.00	20.11 1.27 0.00	21.92 1.35 0.00	22.28 1.42 0.00	22.88 1.20 0.00
WHITEPLN_13_KV_LOAD 356215	19.25 1.11 0.00	21.40 1.00 0.00	21.81 0.88 0.00	21.13 0.87 0.00	19.69 0.89 0.00	20.22 1.14 0.00	22.65 1.48 0.00	22.18 1.64 0.00	21.90 1.65 0.00	23.57 1.86 0.00	22.74 1.82 0.00	22.40 1.78 0.00	21.67 1.77 0.00	20.74 1.74 0.00	21.61 1.80 0.00	21.65 1.79 0.00	31.79 2.61 0.00	56.85 4.71 0.00	48.01 3.92 0.00	23.46 1.97 0.00	20.56 1.72 0.00	22.35 1.78 0.00	22.59 1.73 0.00	23.24 1.56 0.00
WM_FLOYD_69_KV_BK2 356380	19.65 1.51 0.00	21.74 1.35 0.00	22.18 1.24 0.00	21.46 1.19 0.00	20.00 1.21 0.00	20.56 1.48 0.00	22.89 1.72 0.00	22.36 1.82 0.00	22.05 1.81 0.00	23.71 2.01 0.00	20.38 1.96 2.50	10.54 1.80 11.89	15.51 1.95 6.33	14.95 1.94 5.99	32.16 2.06 -10.29	21.80 1.94 0.00	32.02 2.84 0.00	63.48 5.53 -5.81	214.45 4.38 -165.98	23.72 2.22 0.00	48.37 2.10 -27.43	22.78 2.22 0.00	23.03 2.18 0.00	23.74 2.06 0.00
WOODARD__115KV_TB2 355635	17.72 -0.42 0.00	19.83 -0.57 0.00	20.29 -0.64 0.00	19.64 -0.63 0.00	18.30 -0.49 0.00	18.65 -0.42 0.00	20.72 -0.45 0.00	20.13 -0.41 0.00	19.85 -0.39 0.00	21.24 -0.46 0.00	20.47 -0.45 0.00	20.20 -0.43 0.00	19.45 -0.45 0.00	18.58 -0.41 0.00	19.33 -0.48 0.00	19.42 -0.44 0.00	28.58 -0.60 0.00	51.14 -1.00 0.00	43.28 -0.81 0.00	21.03 -0.47 0.00	18.43 -0.41 0.00	20.07 -0.49 0.00	20.37 -0.49 0.00	21.13 -0.55 0.00
YORK__WARBASSE 23770	19.27 1.14 0.00	21.38 0.99 0.00	21.77 0.83 0.00	21.10 0.84 0.00	19.66 0.87 0.00	20.18 1.10 0.00	22.65 1.49 0.00	22.16 1.63 0.00	21.87 1.63 0.00	23.59 1.89 0.00	22.73 1.81 0.00	22.38 1.76 0.00	21.66 1.76 0.00	20.74 1.74 0.00	21.62 1.81 0.00	21.66 1.79 0.00	31.75 2.57 0.00	56.83 4.69 0.00	47.97 3.88 0.00	23.51 2.02 0.00	20.60 1.75 0.00	22.40 1.80 -0.03	22.63 1.73 -0.04	23.26 1.57 -0.01