

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/27/2024

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	16.50	17.51	15.16	14.56	15.40	16.07	23.42	22.50	19.95	18.70	17.91	15.86	10.68	13.39	17.54	18.98	21.90	26.06	25.24	24.21	24.42	18.61	18.06	15.72
24138	0.90	0.90	0.81	0.80	0.89	1.00	1.50	1.77	1.73	1.75	1.65	1.34	0.93	1.03	1.38	1.51	1.77	2.29	2.16	1.92	1.84	1.40	1.22	1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	16.52	17.52	15.17	14.55	15.39	16.05	23.40	22.47	19.90	18.63	17.86	15.81	10.64	13.34	17.48	18.93	21.84	25.99	25.19	24.18	24.40	18.60	18.05	15.71
24260	0.92	0.91	0.82	0.79	0.87	0.98	1.47	1.73	1.68	1.69	1.59	1.29	0.88	0.98	1.32	1.46	1.71	2.22	2.10	1.89	1.82	1.40	1.22	1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	16.52	17.52	15.17	14.55	15.39	16.05	23.40	22.47	19.90	18.63	17.86	15.81	10.64	13.34	17.48	18.93	21.84	25.99	25.19	24.18	24.40	18.60	18.05	15.71
24261	0.92	0.91	0.82	0.79	0.87	0.98	1.47	1.73	1.68	1.69	1.59	1.29	0.88	0.98	1.32	1.46	1.71	2.22	2.10	1.89	1.82	1.40	1.22	1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	16.40	17.49	15.07	14.48	15.34	15.99	23.37	22.20	19.38	17.89	17.13	15.27	10.21	12.90	16.97	18.55	21.49	25.42	24.64	23.76	24.08	18.37	17.89	15.52
24011	0.79	0.87	0.73	0.72	0.82	0.92	1.45	1.46	1.16	0.94	0.87	0.75	0.47	0.54	0.81	1.08	1.36	1.65	1.55	1.47	1.51	1.17	1.06	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
ADK RESOURCE___RCVRY	16.45	17.56	15.13	14.53	15.40	16.08	23.50	22.31	19.46	17.92	17.16	15.30	10.24	12.95	17.04	18.67	21.64	25.54	24.74	23.89	24.21	18.49	18.00	15.59
23798	0.85	0.95	0.78	0.77	0.89	1.00	1.58	1.57	1.24	0.98	0.89	0.78	0.49	0.59	0.88	1.20	1.52	1.77	1.64	1.61	1.64	1.28	1.17	0.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	16.40	17.49	15.07	14.48	15.34	15.99	23.37	22.20	19.38	17.89	17.13	15.27	10.21	12.90	16.97	18.55	21.49	25.42	24.64	23.76	24.08	18.37	17.89	15.52
24028	0.79	0.87	0.73	0.72	0.82	0.92	1.45	1.46	1.16	0.94	0.87	0.75	0.47	0.54	0.81	1.08	1.36	1.65	1.55	1.47	1.51	1.17	1.06	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
ADK_NYS___DAM	16.48	17.54	15.11	14.53	15.38	16.00	23.29	22.15	19.42	17.99	17.27	15.27	10.24	13.00	17.06	18.43	21.28	25.18	24.39	23.46	24.00	18.38	17.92	15.59
23527	0.87	0.93	0.76	0.77	0.86	0.93	1.37	1.41	1.20	1.04	1.00	0.75	0.49	0.64	0.89	0.96	1.15	1.41	1.30	1.17	1.42	1.17	1.09	0.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	16.05	17.07	14.74	14.16	14.97	15.55	22.50	21.43	18.83	17.60	16.77	14.94	10.03	12.69	16.58	17.99	20.74	24.58	23.84	22.92	23.24	17.76	17.36	15.15
24190	0.45	0.46	0.39	0.40	0.45	0.48	0.57	0.70	0.61	0.65	0.51	0.42	0.28	0.33	0.42	0.51	0.61	0.81	0.75	0.63	0.67	0.55	0.52	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	15.68	16.72	14.40	13.79	14.53	15.03	21.80	20.51	18.03	16.64	15.91	14.33	9.64	12.26	16.01	17.26	19.85	23.35	22.75	22.06	22.34	17.00	14.03	14.71
355683	0.08	0.11	0.05	0.03	0.01	-0.04	-0.12	-0.23	-0.19	-0.31	-0.36	-0.19	-0.12	-0.10	-0.15	-0.22	-0.27	-0.41	-0.34	-0.23	-0.23	-0.21	-0.08	-0.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.73	0.00
ALBANY_1_SOLAR	16.25	17.30	14.95	14.36	15.18	15.78	22.91	21.72	18.92	17.55	16.77	14.90	10.02	12.67	16.61	18.12	21.02	24.96	24.22	23.29	23.60	18.01	17.59	15.35
323833	0.65	0.69	0.60	0.60	0.67	0.71	0.98	0.98	0.70	0.61	0.51	0.38	0.27	0.31	0.45	0.64	0.89	1.19	1.13	1.00	1.03	0.81	0.76	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	16.25	17.30	14.94	14.35	15.17	15.77	22.90	21.72	18.91	17.55	16.77	14.90	10.02	12.67	16.61	18.11	21.01	24.95	24.21	23.28	23.59	18.01	17.58	15.35
323834	0.65	0.68	0.60	0.59	0.66	0.70	0.98	0.98	0.69	0.61	0.50	0.38	0.26	0.31	0.45	0.64	0.88	1.18	1.12	0.99	1.02	0.80	0.75	0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	16.05	17.07	14.74	14.16	14.97	15.55	22.50	21.43	18.83	17.60	16.77	14.94	10.03	12.69	16.58	17.99	20.74	24.58	23.84	22.92	23.24	17.76	17.36	15.15
23571	0.45	0.46	0.39	0.40	0.45	0.48	0.57	0.70	0.61	0.65	0.51	0.42	0.28	0.33	0.42	0.51	0.61	0.81	0.75	0.63	0.67	0.55	0.52	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	16.05 0.45 0.00	17.07 0.46 0.00	14.74 0.39 0.00	14.16 0.40 0.00	14.97 0.45 0.00	15.55 0.48 0.00	22.50 0.57 0.00	21.43 0.70 0.00	18.83 0.61 0.00	17.60 0.65 0.00	16.77 0.51 0.00	14.94 0.42 0.00	10.03 0.28 0.00	12.69 0.33 0.00	16.58 0.42 0.00	17.99 0.51 0.00	20.74 0.61 0.00	24.58 0.81 0.00	23.84 0.75 0.00	22.92 0.63 0.00	23.24 0.67 0.00	17.76 0.55 0.00	17.36 0.52 0.00	15.15 0.43 0.00
ALBANY___3 23573	16.05 0.45 0.00	17.07 0.46 0.00	14.74 0.39 0.00	14.16 0.40 0.00	14.97 0.45 0.00	15.55 0.48 0.00	22.50 0.57 0.00	21.43 0.70 0.00	18.83 0.61 0.00	17.60 0.65 0.00	16.77 0.51 0.00	14.94 0.42 0.00	10.03 0.28 0.00	12.69 0.33 0.00	16.58 0.42 0.00	17.99 0.51 0.00	20.74 0.61 0.00	24.58 0.81 0.00	23.84 0.75 0.00	22.92 0.63 0.00	23.24 0.67 0.00	17.76 0.55 0.00	17.36 0.52 0.00	15.15 0.43 0.00
ALBANY___4 23574	16.05 0.45 0.00	17.07 0.46 0.00	14.74 0.39 0.00	14.16 0.40 0.00	14.97 0.45 0.00	15.55 0.48 0.00	22.50 0.57 0.00	21.43 0.70 0.00	18.83 0.61 0.00	17.60 0.65 0.00	16.77 0.51 0.00	14.94 0.42 0.00	10.03 0.28 0.00	12.69 0.33 0.00	16.58 0.42 0.00	17.99 0.51 0.00	20.74 0.61 0.00	24.58 0.81 0.00	23.84 0.75 0.00	22.92 0.63 0.00	23.24 0.67 0.00	17.76 0.55 0.00	17.36 0.52 0.00	15.15 0.43 0.00
ALBANY___LFGE 323615	16.17 0.57 0.00	17.19 0.58 0.00	14.84 0.49 0.00	14.26 0.50 0.00	15.08 0.56 0.00	15.67 0.60 0.00	22.71 0.78 0.00	21.64 0.90 0.00	19.00 0.78 0.00	17.75 0.80 0.00	16.92 0.66 0.00	15.07 0.55 0.00	10.11 0.36 0.00	12.80 0.44 0.00	16.73 0.57 0.00	18.15 0.68 0.00	20.94 0.81 0.00	24.82 1.05 0.00	24.07 0.98 0.00	23.13 0.84 0.00	23.46 0.89 0.00	17.92 0.71 0.00	17.50 0.67 0.00	15.27 0.55 0.00
ALCOA_PA_115KV_PL-6C 55860	15.79 0.18 0.00	16.84 0.22 0.00	14.49 0.15 0.00	14.73 0.12 -0.85	15.56 0.11 -0.94	16.06 0.04 -0.96	22.78 -0.07 -0.93	20.82 -0.19 -0.27	18.82 -0.17 -0.77	17.52 -0.25 -0.83	16.33 -0.35 -0.41	14.34 -0.18 0.00	9.65 -0.11 0.00	12.27 -0.09 0.00	16.03 -0.14 0.00	17.28 -0.20 0.00	19.87 -0.26 0.00	23.46 -0.30 0.00	23.69 -0.22 -0.81	23.31 -0.11 -1.14	23.58 -0.14 -1.14	18.04 -0.16 -1.00	14.95 -0.01 1.88	14.81 0.09 0.00
ALCOA_RYNLDS___DRP 24188	15.79 0.18 0.00	16.84 0.22 0.00	14.49 0.15 0.00	14.73 0.12 -0.85	15.56 0.11 -0.94	16.06 0.04 -0.96	22.78 -0.07 -0.93	20.82 -0.19 -0.27	18.82 -0.17 -0.77	17.52 -0.25 -0.83	16.33 -0.35 -0.41	14.34 -0.18 0.00	9.65 -0.11 0.00	12.27 -0.09 0.00	16.03 -0.14 0.00	17.28 -0.20 0.00	19.87 -0.26 0.00	23.46 -0.30 0.00	23.69 -0.22 -0.81	23.31 -0.11 -1.14	23.58 -0.14 -1.14	18.04 -0.16 -1.00	14.95 -0.01 1.88	14.81 0.09 0.00
ALCOA___DSASP 323711	15.79 0.18 0.00	16.84 0.22 0.00	14.49 0.15 0.00	14.73 0.12 -0.85	15.56 0.11 -0.94	16.06 0.04 -0.96	22.78 -0.07 -0.93	20.82 -0.19 -0.27	18.82 -0.17 -0.77	17.52 -0.25 -0.83	16.33 -0.35 -0.41	14.34 -0.18 0.00	9.65 -0.11 0.00	12.27 -0.09 0.00	16.02 -0.14 0.00	17.28 -0.20 0.00	19.87 -0.26 0.00	23.46 -0.30 0.00	23.69 -0.22 -0.81	23.31 -0.11 -1.14	23.58 -0.14 -1.14	18.04 -0.17 -1.00	14.95 -0.01 1.88	14.81 0.09 0.00
ALLEGHENY___COGEN 23514	10.52 -0.66 4.42	16.04 -0.57 0.00	13.86 -0.48 0.00	13.31 -0.45 0.00	14.15 -0.36 0.00	14.65 -0.42 0.00	21.59 -0.33 0.00	20.45 -0.29 0.00	17.59 -0.63 0.00	16.39 -0.56 0.00	15.84 -0.42 0.00	13.88 -0.64 0.00	9.24 -0.51 0.00	11.79 -0.57 0.00	15.75 -0.41 0.00	17.14 -0.33 0.00	19.78 -0.35 0.00	23.56 -0.21 0.00	22.98 -0.11 0.00	22.12 -0.16 0.00	22.23 -0.34 0.00	16.74 -0.47 0.00	16.32 -0.52 0.00	14.40 -0.32 0.00
ALTAMONT_115KV_TB 2 55880	16.05 0.45 0.00	17.08 0.47 0.00	14.74 0.40 0.00	14.16 0.40 0.00	14.96 0.45 0.00	15.55 0.48 0.00	22.61 0.69 0.00	21.50 0.77 0.00	18.89 0.68 0.00	17.59 0.65 0.00	16.84 0.57 0.00	14.96 0.44 0.00	10.05 0.30 0.00	12.70 0.34 0.00	16.63 0.47 0.00	18.05 0.58 0.00	20.84 0.71 0.00	24.70 0.94 0.00	23.96 0.87 0.00	23.06 0.77 0.00	23.37 0.79 0.00	17.83 0.62 0.00	17.40 0.56 0.00	15.18 0.46 0.00
ALTONA_WT_PWR 323606	15.65 0.04 0.00	16.75 0.13 0.00	14.14 -0.20 0.00	-18.23 -0.43 31.56	-21.07 -0.47 35.12	-21.08 -0.56 35.60	-13.77 -0.87 34.82	9.76 -0.85 10.13	-11.21 -0.75 28.68	-14.77 -0.86 30.86	-0.08 -0.88 15.46	13.89 -0.63 0.00	9.42 -0.32 0.00	11.88 -0.47 0.00	15.50 -0.66 0.00	16.70 -0.77 0.00	19.47 -0.65 0.00	22.72 -1.05 30.31	-8.36 -1.14 42.39	-21.06 -0.97 42.67	-21.07 -0.98 37.58	-21.09 -0.72 31.24	-15.00 -0.60 0.00	14.52 -0.19 0.00
AMERICAN_REF_FUEL 24010	12.02 -1.91 1.67	14.48 -2.13 0.00	12.61 -1.73 0.00	12.13 -1.63 0.00	12.74 -1.78 0.00	13.23 -1.84 0.00	19.51 -2.41 0.00	18.29 -2.44 0.00	16.19 -2.03 0.00	15.35 -1.59 0.00	14.92 -1.35 0.00	13.20 -1.32 0.00	8.90 -0.86 0.00	11.20 -1.16 0.00	14.54 -1.62 0.00	15.60 -1.87 0.00	17.85 -2.28 0.00	21.27 -2.49 0.00	20.57 -2.53 0.00	19.63 -2.66 0.00	20.04 -2.53 0.00	15.03 -2.18 0.00	14.60 -2.24 0.00	13.01 -1.70 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	11.66 -1.80 2.14	14.68 -1.93 0.00	12.93 -1.41 0.00	12.38 -1.39 0.00	12.86 -1.65 0.00	13.49 -1.58 0.00	20.09 -1.83 0.00	18.88 -1.86 0.00	16.55 -1.67 0.00	15.64 -1.31 0.00	15.21 -1.06 0.00	13.46 -1.06 0.00	8.98 -0.77 0.00	11.29 -1.08 0.00	14.76 -1.41 0.00	15.76 -1.72 0.00	18.06 -2.07 0.00	21.75 -2.02 0.00	21.07 -2.02 0.00	19.98 -2.31 0.00	20.29 -2.29 0.00	15.24 -1.96 0.00	14.76 -2.07 0.00	13.35 -1.37 0.00
ARTHUR KILL_GT_1 23520	16.50 0.90 0.00	17.46 0.85 0.00	15.12 0.77 0.00	14.50 0.74 0.00	15.34 0.82 0.00	16.00 0.93 0.00	23.37 1.45 0.00	22.42 1.68 0.00	19.85 1.63 0.00	18.54 1.60 0.00	17.79 1.52 0.00	15.73 1.20 -0.01	10.58 0.82 -0.01	13.22 0.86 0.00	17.35 1.19 0.00	18.82 1.35 0.00	21.72 1.59 0.00	25.87 2.10 0.00	44.71 1.98 -19.64	138.65 1.78 -114.58	24.29 1.72 0.00	18.54 1.34 0.00	18.00 1.16 0.00	15.66 0.95 0.00
ARTHUR_KILL_2 23512	16.45 0.86 0.00	17.42 0.81 0.00	15.08 0.74 0.00	14.46 0.70 0.00	15.30 0.78 0.00	15.96 0.89 0.00	23.31 1.38 0.00	22.35 1.62 0.00	19.79 1.57 0.00	18.50 1.56 0.00	17.74 1.47 0.00	15.69 1.16 -0.01	10.55 0.80 -0.01	13.19 0.84 0.00	17.30 1.14 0.00	18.77 1.30 0.00	21.66 1.53 0.00	25.79 2.02 0.00	44.64 1.91 -19.64	138.58 1.71 -114.58	24.22 1.64 0.00	18.49 1.28 0.00	17.95 1.11 0.00	15.62 0.91 0.00
ARTHUR_KILL_3 23513	16.38 0.78 0.00	17.37 0.75 0.00	15.02 0.68 0.00	14.42 0.66 0.00	15.25 0.73 0.00	15.90 0.83 0.00	23.15 1.23 0.00	22.24 1.51 0.00	19.71 1.49 0.00	18.46 1.51 0.00	17.68 1.42 0.00	15.65 1.13 0.00	10.54 0.79 0.00	13.21 0.85 0.00	17.32 1.15 0.00	18.76 1.28 0.00	21.62 1.49 0.00	25.74 1.97 0.00	44.58 1.85 -19.64	138.52 1.65 -114.58	24.15 1.57 0.00	18.44 1.23 0.00	17.90 1.07 0.00	15.57 0.86 0.00

ARTHUR_KILL_COGEN 323718	16.50 0.90 0.00	17.46 0.85 0.00	15.12 0.77 0.00	14.50 0.74 0.00	15.34 0.82 0.00	16.00 0.93 0.00	23.37 1.45 0.00	22.42 1.68 0.00	19.85 1.63 0.00	18.54 1.60 0.00	17.79 1.52 0.00	15.73 1.20 -0.01	10.58 0.82 -0.01	13.22 0.86 0.00	17.35 1.19 0.00	18.82 1.35 0.00	21.72 1.59 0.00	25.87 2.10 0.00	44.71 1.98 -19.64	138.65 1.78 -114.58	24.29 1.72 0.00	18.54 1.34 0.00	18.00 1.16 0.00	15.66 0.95 0.00
ASHOKAN____ 23654	16.55 0.95 0.00	17.59 0.98 0.00	15.20 0.85 0.00	14.60 0.84 0.00	15.45 0.94 0.00	16.11 1.04 0.00	23.49 1.57 0.00	22.37 1.63 0.00	19.49 1.28 0.00	18.01 1.06 0.00	17.11 0.85 0.00	15.14 0.62 0.00	10.17 0.42 0.00	12.85 0.49 0.00	16.86 0.70 0.00	18.45 0.98 0.00	21.34 1.21 0.00	25.42 1.65 0.00	24.72 1.63 0.00	23.75 1.47 0.00	23.98 1.41 0.00	18.26 1.05 0.00	17.76 0.93 0.00	15.45 0.74 0.00
ASTORIA_EAST_ENERGY_CC1 323581	16.47 0.86 0.00	17.41 0.80 0.00	15.05 0.70 0.00	14.43 0.67 0.00	15.26 0.74 0.00	15.91 0.84 0.00	23.23 1.31 0.00	22.32 1.59 0.00	19.82 1.60 0.00	18.51 1.57 0.00	17.74 1.47 0.00	15.70 1.17 -0.01	10.57 0.81 -0.01	13.26 0.90 -0.01	17.35 1.19 0.00	18.79 1.31 0.00	21.70 1.57 0.00	25.82 2.05 0.00	25.04 1.95 0.00	24.01 1.72 0.00	24.22 1.65 0.00	18.46 1.25 0.00	17.91 1.08 0.00	15.59 0.87 0.00
ASTORIA_EAST_ENERGY_CC2 323582	16.46 0.86 0.00	17.41 0.80 0.00	15.05 0.70 0.00	14.43 0.67 0.00	15.26 0.74 0.00	15.91 0.84 0.00	23.23 1.31 0.00	22.32 1.59 0.00	19.82 1.60 0.00	18.51 1.57 0.00	17.74 1.47 0.00	15.70 1.17 -0.01	10.57 0.81 -0.01	13.26 0.89 -0.01	17.35 1.19 0.00	18.79 1.31 0.00	21.70 1.57 0.00	25.82 2.05 0.00	25.04 1.95 0.00	24.01 1.72 0.00	24.22 1.65 0.00	18.46 1.25 0.00	17.91 1.07 0.00	15.59 0.87 0.00
ASTORIA_GT2_1 24094	16.47 0.87 0.00	17.42 0.81 0.00	15.06 0.71 0.00	14.43 0.67 0.00	15.26 0.75 0.00	15.92 0.85 0.00	23.24 1.32 0.00	22.34 1.60 0.00	19.82 1.61 0.00	18.52 1.57 0.00	17.73 1.47 0.00	15.69 1.17 0.00	10.56 0.81 0.00	13.26 0.90 0.00	17.36 1.20 0.00	18.81 1.33 0.00	21.71 1.58 0.00	25.82 2.06 0.00	25.05 1.96 0.00	24.01 1.73 0.00	24.24 1.66 0.00	18.46 1.26 0.00	17.92 1.08 0.00	15.60 0.88 0.00
ASTORIA_GT2_2 24095	16.47 0.87 0.00	17.42 0.81 0.00	15.06 0.71 0.00	14.43 0.67 0.00	15.26 0.75 0.00	15.92 0.85 0.00	23.24 1.32 0.00	22.34 1.60 0.00	19.82 1.61 0.00	18.52 1.57 0.00	17.73 1.47 0.00	15.69 1.17 0.00	10.56 0.81 0.00	13.26 0.90 0.00	17.36 1.20 0.00	18.81 1.33 0.00	21.71 1.58 0.00	25.82 2.06 0.00	25.05 1.96 0.00	24.01 1.73 0.00	24.24 1.66 0.00	18.46 1.26 0.00	17.92 1.08 0.00	15.60 0.88 0.00
ASTORIA_GT2_3 24096	16.47 0.87 0.00	17.42 0.81 0.00	15.06 0.71 0.00	14.43 0.67 0.00	15.26 0.75 0.00	15.92 0.85 0.00	23.24 1.32 0.00	22.34 1.60 0.00	19.82 1.61 0.00	18.52 1.57 0.00	17.73 1.47 0.00	15.69 1.17 0.00	10.56 0.81 0.00	13.26 0.90 0.00	17.36 1.20 0.00	18.81 1.33 0.00	21.71 1.58 0.00	25.82 2.06 0.00	25.05 1.96 0.00	24.01 1.73 0.00	24.24 1.66 0.00	18.46 1.26 0.00	17.92 1.08 0.00	15.60 0.88 0.00
ASTORIA_GT2_4 24097	16.47 0.87 0.00	17.42 0.81 0.00	15.06 0.71 0.00	14.43 0.67 0.00	15.26 0.75 0.00	15.92 0.85 0.00	23.24 1.32 0.00	22.34 1.60 0.00	19.82 1.61 0.00	18.52 1.57 0.00	17.73 1.47 0.00	15.69 1.17 0.00	10.56 0.81 0.00	13.26 0.90 0.00	17.36 1.20 0.00	18.81 1.33 0.00	21.71 1.58 0.00	25.82 2.06 0.00	25.05 1.96 0.00	24.01 1.73 0.00	24.24 1.66 0.00	18.46 1.26 0.00	17.92 1.08 0.00	15.60 0.88 0.00
ASTORIA_GT3_1 24098	16.47 0.87 0.00	17.42 0.81 0.00	15.06 0.71 0.00	14.43 0.67 0.00	15.26 0.75 0.00	15.92 0.85 0.00	23.24 1.32 0.00	22.34 1.60 0.00	19.82 1.61 0.00	18.52 1.57 0.00	17.73 1.47 0.00	15.69 1.17 0.00	10.56 0.81 0.00	13.26 0.90 0.00	17.36 1.20 0.00	18.81 1.33 0.00	21.71 1.58 0.00	25.82 2.06 0.00	25.05 1.96 0.00	24.01 1.73 0.00	24.24 1.66 0.00	18.46 1.26 0.00	17.92 1.08 0.00	15.60 0.88 0.00
ASTORIA_GT3_2 24099	16.47 0.87 0.00	17.42 0.81 0.00	15.06 0.71 0.00	14.43 0.67 0.00	15.26 0.75 0.00	15.92 0.85 0.00	23.24 1.32 0.00	22.34 1.60 0.00	19.82 1.61 0.00	18.52 1.57 0.00	17.73 1.47 0.00	15.69 1.17 0.00	10.56 0.81 0.00	13.26 0.90 0.00	17.36 1.20 0.00	18.81 1.33 0.00	21.71 1.58 0.00	25.82 2.06 0.00	25.05 1.96 0.00	24.01 1.73 0.00	24.24 1.66 0.00	18.46 1.26 0.00	17.92 1.08 0.00	15.60 0.88 0.00
ASTORIA_GT3_3 24100	16.47 0.87 0.00	17.42 0.81 0.00	15.06 0.71 0.00	14.43 0.67 0.00	15.26 0.75 0.00	15.92 0.85 0.00	23.24 1.32 0.00	22.34 1.60 0.00	19.82 1.61 0.00	18.52 1.57 0.00	17.73 1.47 0.00	15.69 1.17 0.00	10.56 0.81 0.00	13.26 0.90 0.00	17.36 1.20 0.00	18.81 1.33 0.00	21.71 1.58 0.00	25.82 2.06 0.00	25.05 1.96 0.00	24.01 1.73 0.00	24.24 1.66 0.00	18.46 1.26 0.00	17.92 1.08 0.00	15.60 0.88 0.00
ASTORIA_GT3_4 24101	16.47 0.87 0.00	17.42 0.81 0.00	15.06 0.71 0.00	14.43 0.67 0.00	15.26 0.75 0.00	15.92 0.85 0.00	23.24 1.32 0.00	22.34 1.60 0.00	19.82 1.61 0.00	18.52 1.57 0.00	17.73 1.47 0.00	15.69 1.17 0.00	10.56 0.81 0.00	13.26 0.90 0.00	17.36 1.20 0.00	18.81 1.33 0.00	21.71 1.58 0.00	25.82 2.06 0.00	25.05 1.96 0.00	24.01 1.73 0.00	24.24 1.66 0.00	18.46 1.26 0.00	17.92 1.08 0.00	15.60 0.88 0.00
ASTORIA_GT4_1 24102	16.47 0.87 0.00	17.42 0.81 0.00	15.06 0.71 0.00	14.43 0.67 0.00	15.26 0.75 0.00	15.92 0.85 0.00	23.24 1.32 0.00	22.34 1.60 0.00	19.82 1.61 0.00	18.52 1.57 0.00	17.73 1.47 0.00	15.69 1.17 0.00	10.56 0.81 0.00	13.26 0.90 0.00	17.36 1.20 0.00	18.81 1.33 0.00	21.71 1.58 0.00	25.82 2.06 0.00	25.05 1.96 0.00	24.01 1.73 0.00	24.24 1.66 0.00	18.46 1.26 0.00	17.92 1.08 0.00	15.60 0.88 0.00
ASTORIA_GT4_2 24103	16.47 0.87 0.00	17.42 0.81 0.00	15.06 0.71 0.00	14.43 0.67 0.00	15.26 0.75 0.00	15.92 0.85 0.00	23.24 1.32 0.00	22.34 1.60 0.00	19.82 1.61 0.00	18.52 1.57 0.00	17.73 1.47 0.00	15.69 1.17 0.00	10.56 0.81 0.00	13.26 0.90 0.00	17.36 1.20 0.00	18.81 1.33 0.00	21.71 1.58 0.00	25.82 2.06 0.00	25.05 1.96 0.00	24.01 1.73 0.00	24.24 1.66 0.00	18.46 1.26 0.00	17.92 1.08 0.00	15.60 0.88 0.00
ASTORIA_GT4_3 24104	16.47 0.87 0.00	17.42 0.81 0.00	15.06 0.71 0.00	14.43 0.67 0.00	15.26 0.75 0.00	15.92 0.85 0.00	23.24 1.32 0.00	22.34 1.60 0.00	19.82 1.61 0.00	18.52 1.57 0.00	17.73 1.47 0.00	15.69 1.17 0.00	10.56 0.81 0.00	13.26 0.90 0.00	17.36 1.20 0.00	18.81 1.33 0.00	21.71 1.58 0.00	25.82 2.06 0.00	25.05 1.96 0.00	24.01 1.73 0.00	24.24 1.66 0.00	18.46 1.26 0.00	17.92 1.08 0.00	15.60 0.88 0.00

ASTORIA_GT4_4 24105	16.47 0.87 0.00	17.42 0.81 0.00	15.06 0.71 0.00	14.43 0.67 0.00	15.26 0.75 0.00	15.92 0.85 0.00	23.24 1.32 0.00	22.34 1.60 0.00	19.82 1.61 0.00	18.52 1.57 0.00	17.73 1.47 0.00	15.69 1.17 0.00	10.56 0.81 0.00	13.26 0.90 0.00	17.36 1.20 0.00	18.81 1.33 0.00	21.71 1.58 0.00	25.82 2.06 0.00	25.05 1.96 0.00	24.01 1.73 0.00	24.24 1.66 0.00	18.46 1.26 0.00	17.92 1.08 0.00	15.60 0.88 0.00
ASTORIA_GT_1 23523	16.50 0.89 0.00	17.44 0.83 0.00	15.08 0.73 0.00	14.45 0.69 0.00	15.29 0.77 0.00	15.94 0.87 0.00	23.28 1.35 0.00	22.38 1.64 0.00	19.86 1.65 0.00	18.55 1.61 0.00	17.77 1.50 0.00	15.73 1.21 -0.01	10.59 0.84 -0.01	13.29 0.92 -0.01	17.39 1.23 0.00	18.83 1.36 0.00	21.75 1.62 0.00	25.88 2.11 0.00	25.10 2.01 0.00	24.06 1.78 0.00	24.28 1.71 0.00	18.50 1.29 0.00	17.95 1.11 0.00	15.62 0.90 0.00
ASTORIA_GT_10 24110	16.47 0.87 0.00	17.44 0.83 0.00	15.11 0.77 0.00	14.49 0.73 0.00	15.32 0.81 0.00	15.98 0.91 0.00	23.29 1.37 0.00	22.37 1.63 0.00	19.83 1.62 0.00	18.55 1.61 0.00	17.78 1.52 0.00	15.75 1.23 0.00	10.60 0.86 0.00	13.29 0.94 0.00	17.40 1.24 0.00	18.84 1.37 0.00	21.74 1.61 0.00	25.88 2.11 0.00	25.09 1.99 0.00	24.05 1.77 0.00	24.28 1.70 0.00	18.51 1.31 0.00	17.96 1.13 0.00	15.66 0.95 0.00
ASTORIA_GT_11 24225	16.47 0.87 0.00	17.44 0.83 0.00	15.11 0.77 0.00	14.49 0.73 0.00	15.32 0.81 0.00	15.98 0.91 0.00	23.29 1.37 0.00	22.37 1.63 0.00	19.83 1.62 0.00	18.55 1.61 0.00	17.78 1.52 0.00	15.75 1.23 0.00	10.60 0.86 0.00	13.29 0.94 0.00	17.40 1.24 0.00	18.84 1.37 0.00	21.74 1.61 0.00	25.88 2.11 0.00	25.09 1.99 0.00	24.05 1.77 0.00	24.28 1.70 0.00	18.51 1.31 0.00	17.96 1.13 0.00	15.66 0.95 0.00
ASTORIA_GT_12 24226	16.47 0.87 0.00	17.44 0.83 0.00	15.11 0.77 0.00	14.49 0.73 0.00	15.32 0.81 0.00	15.98 0.91 0.00	23.29 1.37 0.00	22.37 1.63 0.00	19.83 1.62 0.00	18.55 1.61 0.00	17.78 1.52 0.00	15.75 1.23 0.00	10.60 0.86 0.00	13.29 0.94 0.00	17.40 1.24 0.00	18.84 1.37 0.00	21.74 1.61 0.00	25.88 2.11 0.00	25.09 1.99 0.00	24.05 1.77 0.00	24.28 1.70 0.00	18.51 1.31 0.00	17.96 1.13 0.00	15.66 0.95 0.00
ASTORIA_GT_13 24227	16.47 0.87 0.00	17.44 0.83 0.00	15.11 0.77 0.00	14.49 0.73 0.00	15.32 0.81 0.00	15.98 0.91 0.00	23.29 1.37 0.00	22.37 1.63 0.00	19.83 1.62 0.00	18.55 1.61 0.00	17.78 1.52 0.00	15.75 1.23 0.00	10.60 0.86 0.00	13.29 0.94 0.00	17.40 1.24 0.00	18.84 1.37 0.00	21.74 1.61 0.00	25.88 2.11 0.00	25.09 1.99 0.00	24.05 1.77 0.00	24.28 1.70 0.00	18.51 1.31 0.00	17.96 1.13 0.00	15.66 0.95 0.00
ASTORIA_GT_5 24106	16.49 0.89 0.00	17.45 0.83 0.00	15.08 0.73 0.00	14.45 0.69 0.00	15.29 0.77 0.00	15.94 0.87 0.00	23.28 1.36 0.00	22.38 1.64 0.00	19.86 1.64 0.00	18.55 1.61 0.00	17.76 1.50 0.00	15.72 1.21 0.00	10.58 0.83 0.00	13.28 0.92 0.00	17.39 1.23 0.00	18.84 1.37 0.00	21.75 1.62 0.00	25.88 2.11 0.00	25.10 2.01 0.00	24.06 1.77 0.00	24.28 1.70 0.00	18.50 1.29 0.00	17.95 1.11 0.00	15.62 0.90 0.00
ASTORIA_GT_7 24107	16.49 0.89 0.00	17.45 0.83 0.00	15.08 0.73 0.00	14.45 0.69 0.00	15.29 0.77 0.00	15.94 0.87 0.00	23.28 1.36 0.00	22.38 1.64 0.00	19.86 1.64 0.00	18.55 1.61 0.00	17.76 1.50 0.00	15.72 1.21 0.00	10.58 0.83 0.00	13.28 0.92 0.00	17.39 1.23 0.00	18.84 1.37 0.00	21.75 1.62 0.00	25.88 2.11 0.00	25.10 2.01 0.00	24.06 1.77 0.00	24.28 1.70 0.00	18.50 1.29 0.00	17.95 1.11 0.00	15.62 0.90 0.00
ASTORIA_GT_8 24108	16.49 0.89 0.00	17.45 0.83 0.00	15.08 0.73 0.00	14.45 0.69 0.00	15.29 0.77 0.00	15.94 0.87 0.00	23.28 1.36 0.00	22.38 1.64 0.00	19.86 1.64 0.00	18.55 1.61 0.00	17.76 1.50 0.00	15.72 1.21 0.00	10.58 0.83 0.00	13.28 0.92 0.00	17.39 1.23 0.00	18.84 1.37 0.00	21.75 1.62 0.00	25.88 2.11 0.00	25.10 2.01 0.00	24.06 1.77 0.00	24.28 1.70 0.00	18.50 1.29 0.00	17.95 1.11 0.00	15.62 0.90 0.00
ASTORIA___2 24149	16.47 0.87 0.00	17.42 0.81 0.00	15.06 0.71 0.00	14.43 0.67 0.00	15.26 0.75 0.00	15.92 0.85 0.00	23.24 1.32 0.00	22.33 1.60 0.00	19.83 1.61 0.00	18.52 1.57 0.00	17.74 1.47 0.00	15.70 1.17 -0.01	10.57 0.81 -0.01	13.26 0.90 -0.01	17.36 1.20 0.00	18.80 1.32 0.00	21.71 1.58 0.00	25.83 2.06 0.00	25.05 1.96 0.00	24.02 1.73 0.00	24.23 1.66 0.00	18.46 1.26 0.00	17.92 1.08 0.00	15.60 0.88 0.00
ASTORIA___3 23516	16.47 0.87 0.00	17.44 0.83 0.00	15.11 0.77 0.00	14.49 0.73 0.00	15.32 0.81 0.00	15.98 0.91 0.00	23.29 1.37 0.00	22.37 1.63 0.00	19.83 1.61 0.00	18.55 1.61 0.00	17.79 1.52 0.00	15.76 1.23 -0.01	10.61 0.86 -0.01	13.30 0.94 -0.01	17.40 1.24 0.00	18.84 1.37 0.00	21.74 1.61 0.00	25.87 2.11 0.00	25.09 1.99 0.00	24.06 1.77 0.00	24.27 1.70 0.00	18.51 1.31 0.00	17.96 1.13 0.00	15.66 0.95 0.00
ASTORIA___4 23517	16.47 0.87 0.00	17.44 0.83 0.00	15.11 0.77 0.00	14.49 0.73 0.00	15.32 0.81 0.00	15.98 0.91 0.00	23.29 1.37 0.00	22.37 1.63 0.00	19.83 1.62 0.00	18.55 1.61 0.00	17.78 1.52 0.00	15.75 1.23 0.00	10.60 0.86 0.00	13.29 0.94 0.00	17.40 1.24 0.00	18.84 1.37 0.00	21.74 1.61 0.00	25.88 2.11 0.00	25.09 1.99 0.00	24.05 1.77 0.00	24.28 1.70 0.00	18.51 1.31 0.00	17.96 1.13 0.00	15.66 0.95 0.00
ASTORIA___5 23518	16.47 0.87 0.00	17.44 0.83 0.00	15.11 0.77 0.00	14.49 0.73 0.00	15.32 0.81 0.00	15.98 0.91 0.00	23.29 1.37 0.00	22.37 1.63 0.00	19.83 1.61 0.00	18.55 1.61 0.00	17.79 1.52 0.00	15.76 1.23 -0.01	10.61 0.86 -0.01	13.30 0.94 -0.01	17.40 1.24 0.00	18.84 1.37 0.00	21.74 1.61 0.00	25.87 2.11 0.00	25.09 1.99 0.00	24.06 1.77 0.00	24.27 1.70 0.00	18.51 1.31 0.00	17.96 1.13 0.00	15.66 0.95 0.00
AST_ENERGY_2_CC3 323677	16.42 0.82 0.00	17.42 0.81 0.00	15.07 0.72 0.00	14.46 0.70 0.00	15.29 0.77 0.00	15.94 0.87 0.00	23.21 1.29 0.00	22.30 1.56 0.00	19.76 1.54 0.00	18.50 1.56 0.00	17.73 1.46 0.00	15.69 1.17 0.00	10.56 0.81 0.00	13.24 0.88 0.00	17.34 1.18 0.00	18.78 1.30 0.00	21.65 1.52 0.00	25.77 2.00 0.00	24.98 1.88 0.00	23.97 1.68 0.00	24.19 1.62 0.00	18.46 1.25 0.00	17.92 1.08 0.00	15.60 0.88 0.00
AST_ENERGY_2_CC4 323678	16.42 0.82 0.00	17.42 0.81 0.00	15.07 0.72 0.00	14.46 0.70 0.00	15.29 0.77 0.00	15.94 0.87 0.00	23.21 1.29 0.00	22.30 1.56 0.00	19.76 1.54 0.00	18.50 1.56 0.00	17.73 1.46 0.00	15.69 1.17 0.00	10.56 0.81 0.00	13.24 0.88 0.00	17.34 1.18 0.00	18.78 1.30 0.00	21.65 1.52 0.00	25.77 2.00 0.00	24.98 1.88 0.00	23.97 1.68 0.00	24.19 1.62 0.00	18.46 1.25 0.00	17.92 1.08 0.00	15.60 0.88 0.00

ATHENS_STG_1 23668	16.13 0.53 0.00	17.14 0.53 0.00	14.82 0.47 0.00	14.22 0.46 0.00	15.03 0.51 0.00	15.62 0.56 0.00	22.76 0.84 0.00	21.70 0.97 0.00	19.11 0.89 0.00	17.83 0.88 0.00	17.07 0.80 0.00	15.13 0.61 0.00	10.17 0.42 0.00	12.83 0.47 0.00	16.81 0.65 0.00	18.23 0.76 0.00	21.04 0.92 0.00	24.97 1.20 0.00	24.21 1.12 0.00	23.29 1.00 0.00	23.57 1.00 0.00	17.98 0.77 0.00	17.52 0.69 0.00	15.27 0.56 0.00
ATHENS_STG_2 23670	16.13 0.53 0.00	17.14 0.53 0.00	14.82 0.47 0.00	14.22 0.46 0.00	15.03 0.51 0.00	15.62 0.56 0.00	22.76 0.84 0.00	21.70 0.97 0.00	19.11 0.89 0.00	17.83 0.88 0.00	17.07 0.80 0.00	15.13 0.61 0.00	10.17 0.42 0.00	12.83 0.47 0.00	16.81 0.65 0.00	18.23 0.76 0.00	21.04 0.92 0.00	24.97 1.20 0.00	24.21 1.12 0.00	23.29 1.00 0.00	23.57 1.00 0.00	17.98 0.77 0.00	17.52 0.69 0.00	15.27 0.56 0.00
ATHENS_STG_3 23677	16.13 0.53 0.00	17.14 0.53 0.00	14.82 0.47 0.00	14.22 0.46 0.00	15.03 0.51 0.00	15.62 0.56 0.00	22.76 0.84 0.00	21.70 0.97 0.00	19.11 0.89 0.00	17.83 0.88 0.00	17.07 0.80 0.00	15.13 0.61 0.00	10.17 0.42 0.00	12.83 0.47 0.00	16.81 0.65 0.00	18.23 0.76 0.00	21.04 0.92 0.00	24.97 1.20 0.00	24.21 1.12 0.00	23.29 1.00 0.00	23.57 1.00 0.00	17.98 0.77 0.00	17.52 0.69 0.00	15.27 0.56 0.00
AUBURN___LFGE 323710	15.94 -0.35 -0.69	16.27 -0.34 0.00	14.02 -0.33 0.00	13.44 -0.32 0.00	14.18 -0.33 0.00	14.76 -0.31 0.00	21.64 -0.28 0.00	20.47 -0.27 0.00	17.95 -0.27 0.00	16.68 -0.27 0.00	16.08 -0.19 0.00	14.29 -0.24 0.00	9.57 -0.18 0.00	12.13 -0.23 0.00	15.95 -0.21 0.00	17.29 -0.18 0.00	19.89 -0.24 0.00	23.62 -0.15 0.00	22.93 -0.16 0.00	21.96 -0.32 0.00	22.23 -0.35 0.00	16.87 -0.34 0.00	16.43 -0.40 0.00	14.42 -0.29 0.00
BABYLON_RES_REC 323704	16.76 1.15 0.00	17.78 1.17 0.00	15.37 1.03 0.00	14.71 0.94 0.00	15.57 1.06 0.00	16.22 1.15 0.00	23.67 1.75 0.00	22.64 1.91 0.00	19.97 1.76 0.00	18.62 1.67 0.00	17.89 1.63 0.00	15.79 1.27 0.00	10.62 0.87 0.00	13.29 0.93 0.00	17.50 1.34 0.00	19.00 1.53 0.00	22.01 1.88 0.00	26.25 2.49 0.00	25.47 2.38 0.00	24.47 2.18 0.00	24.73 2.15 0.00	18.96 1.64 -0.11	20.60 1.49 -2.28	15.89 1.17 0.00
BABYLON___69_KV_BK2 356345	16.91 1.31 0.00	17.95 1.34 0.00	15.52 1.18 0.00	14.85 1.09 0.00	15.72 1.20 0.00	16.38 1.31 0.00	23.90 1.98 0.00	22.85 2.11 0.00	20.15 1.94 0.00	18.78 1.83 0.00	18.04 1.77 0.00	15.92 1.40 0.00	10.70 0.95 0.00	13.40 1.04 0.00	17.64 1.48 0.00	19.16 1.69 0.00	22.20 2.07 0.00	26.52 2.75 0.00	25.74 2.65 0.00	24.73 2.45 0.00	24.98 2.41 0.00	19.15 1.83 -0.11	20.79 1.68 -2.28	16.04 1.32 0.00
BALL_HILL_WT_PWR 323825	12.12 -1.58 1.90	14.98 -1.64 0.00	13.07 -1.28 0.00	12.52 -1.24 0.00	13.11 -1.40 0.00	13.63 -1.44 0.00	20.14 -1.78 0.00	19.06 -1.68 0.00	16.75 -1.46 0.00	15.83 -1.11 0.00	15.42 -0.85 0.00	13.62 -0.90 0.00	9.12 -0.63 0.00	11.48 -0.88 0.00	14.96 -1.20 0.00	16.01 -1.46 0.00	18.40 -1.73 0.00	22.02 -1.74 0.00	21.29 -1.79 0.00	20.28 -2.00 0.00	20.63 -1.95 0.00	15.48 -1.72 0.00	15.04 -1.79 0.00	13.44 -1.28 0.00
BARON_WINDS___WT_PWR 323822	8.02 -1.17 6.42	15.63 -0.99 0.00	13.50 -0.85 0.00	12.93 -0.83 0.00	13.82 -0.69 0.00	14.22 -0.85 0.00	20.78 -1.14 0.00	19.72 -1.01 0.00	17.22 -1.00 0.00	16.19 -0.75 0.00	15.80 -0.47 0.00	13.86 -0.66 0.00	9.14 -0.62 0.00	11.55 -0.81 0.00	15.30 -0.86 0.00	16.63 -0.84 0.00	19.21 -0.92 0.00	22.73 -1.04 0.00	22.18 -0.91 0.00	21.46 -0.83 0.00	21.38 -1.20 0.00	16.21 -1.00 0.00	15.88 -0.95 0.00	14.03 -0.68 0.00
BARRETT_IC_1 23704	16.63 1.03 0.00	17.65 1.04 0.00	15.24 0.89 0.00	14.57 0.81 0.00	15.43 0.91 0.00	16.06 0.99 0.00	23.42 1.50 0.00	22.40 1.67 0.00	19.78 1.56 0.00	18.47 1.52 0.00	17.78 1.52 0.00	15.75 1.23 0.00	10.59 0.84 0.00	13.26 0.90 0.00	17.42 1.26 0.00	18.86 1.39 0.00	21.82 1.70 0.00	25.97 2.21 0.00	25.18 2.09 0.00	24.20 1.91 0.00	24.48 1.90 0.00	18.77 1.45 -0.11	20.44 1.33 -2.28	15.75 1.04 0.00
BARRETT_IC_10 23701	16.63 1.03 0.00	17.65 1.04 0.00	15.24 0.89 0.00	14.57 0.81 0.00	15.43 0.91 0.00	16.06 0.99 0.00	23.42 1.50 0.00	22.40 1.67 0.00	19.78 1.56 0.00	18.47 1.52 0.00	17.78 1.52 0.00	15.75 1.23 0.00	10.59 0.84 0.00	13.26 0.90 0.00	17.42 1.26 0.00	18.86 1.39 0.00	21.82 1.70 0.00	25.97 2.21 0.00	25.18 2.09 0.00	24.20 1.91 0.00	24.48 1.90 0.00	18.77 1.45 -0.11	20.44 1.33 -2.28	15.75 1.04 0.00
BARRETT_IC_11 23702	16.63 1.03 0.00	17.65 1.04 0.00	15.24 0.89 0.00	14.57 0.81 0.00	15.43 0.91 0.00	16.06 0.99 0.00	23.42 1.50 0.00	22.40 1.67 0.00	19.78 1.56 0.00	18.47 1.52 0.00	17.78 1.52 0.00	15.75 1.23 0.00	10.59 0.84 0.00	13.26 0.90 0.00	17.42 1.26 0.00	18.86 1.39 0.00	21.82 1.70 0.00	25.97 2.21 0.00	25.18 2.09 0.00	24.20 1.91 0.00	24.48 1.90 0.00	18.77 1.45 -0.11	20.44 1.33 -2.28	15.75 1.04 0.00
BARRETT_IC_12 23703	16.63 1.03 0.00	17.65 1.04 0.00	15.24 0.89 0.00	14.57 0.81 0.00	15.43 0.91 0.00	16.06 0.99 0.00	23.42 1.50 0.00	22.40 1.67 0.00	19.78 1.56 0.00	18.47 1.52 0.00	17.78 1.52 0.00	15.75 1.23 0.00	10.59 0.84 0.00	13.26 0.90 0.00	17.42 1.26 0.00	18.86 1.39 0.00	21.82 1.70 0.00	25.97 2.21 0.00	25.18 2.09 0.00	24.20 1.91 0.00	24.48 1.90 0.00	18.77 1.45 -0.11	20.44 1.33 -2.28	15.75 1.04 0.00
BARRETT_IC_2 23705	16.63 1.03 0.00	17.65 1.04 0.00	15.24 0.89 0.00	14.57 0.81 0.00	15.43 0.91 0.00	16.06 0.99 0.00	23.42 1.50 0.00	22.40 1.67 0.00	19.78 1.56 0.00	18.47 1.52 0.00	17.78 1.52 0.00	15.75 1.23 0.00	10.59 0.84 0.00	13.26 0.90 0.00	17.42 1.26 0.00	18.86 1.39 0.00	21.82 1.70 0.00	25.97 2.21 0.00	25.18 2.09 0.00	24.20 1.91 0.00	24.48 1.90 0.00	18.77 1.45 -0.11	20.44 1.33 -2.28	15.75 1.04 0.00
BARRETT_IC_3 23706	16.63 1.03 0.00	17.65 1.04 0.00	15.24 0.89 0.00	14.57 0.81 0.00	15.43 0.91 0.00	16.06 0.99 0.00	23.42 1.50 0.00	22.40 1.67 0.00	19.78 1.56 0.00	18.47 1.52 0.00	17.78 1.52 0.00	15.75 1.23 0.00	10.59 0.84 0.00	13.26 0.90 0.00	17.42 1.26 0.00	18.86 1.39 0.00	21.82 1.70 0.00	25.97 2.21 0.00	25.18 2.09 0.00	24.20 1.91 0.00	24.48 1.90 0.00	18.77 1.45 -0.11	20.44 1.33 -2.28	15.75 1.04 0.00
BARRETT_IC_4 23707	16.63 1.03 0.00	17.65 1.04 0.00	15.24 0.89 0.00	14.57 0.81 0.00	15.43 0.91 0.00	16.06 0.99 0.00	23.42 1.50 0.00	22.40 1.67 0.00	19.78 1.56 0.00	18.47 1.52 0.00	17.78 1.52 0.00	15.75 1.23 0.00	10.59 0.84 0.00	13.26 0.90 0.00	17.42 1.26 0.00	18.86 1.39 0.00	21.82 1.70 0.00	25.97 2.21 0.00	25.18 2.09 0.00	24.20 1.91 0.00	24.48 1.90 0.00	18.77 1.45 -0.11	20.44 1.33 -2.28	15.75 1.04 0.00

BARRETT_IC_5 23708	16.63 1.03 0.00	17.65 1.04 0.00	15.24 0.89 0.00	14.57 0.81 0.00	15.43 0.91 0.00	16.06 0.99 0.00	23.42 1.50 0.00	22.40 1.67 0.00	19.78 1.56 0.00	18.47 1.52 0.00	17.78 1.52 0.00	15.75 1.23 0.00	10.59 0.84 0.00	13.26 0.90 0.00	17.42 1.26 0.00	18.86 1.39 0.00	21.82 1.70 0.00	25.97 2.21 0.00	25.18 2.09 0.00	24.20 1.91 0.00	24.48 1.90 0.00	18.77 1.45 -0.11	20.44 1.33 -2.28	15.75 1.04 0.00
BARRETT_IC_6 23709	16.63 1.03 0.00	17.65 1.04 0.00	15.24 0.89 0.00	14.57 0.81 0.00	15.43 0.91 0.00	16.06 0.99 0.00	23.42 1.50 0.00	22.40 1.67 0.00	19.78 1.56 0.00	18.47 1.52 0.00	17.78 1.52 0.00	15.75 1.23 0.00	10.59 0.84 0.00	13.26 0.90 0.00	17.42 1.26 0.00	18.86 1.39 0.00	21.82 1.70 0.00	25.97 2.21 0.00	25.18 2.09 0.00	24.20 1.91 0.00	24.48 1.90 0.00	18.77 1.45 -0.11	20.44 1.33 -2.28	15.75 1.04 0.00
BARRETT_IC_7 23710	16.63 1.03 0.00	17.65 1.03 0.00	15.24 0.89 0.00	14.57 0.81 0.00	15.43 0.91 0.00	16.06 0.99 0.00	23.42 1.50 0.00	22.41 1.67 0.00	19.78 1.56 0.00	18.46 1.52 0.00	17.78 1.52 0.00	15.75 1.23 0.00	10.59 0.84 0.00	13.26 0.90 0.00	17.42 1.26 0.00	18.86 1.39 0.00	21.82 1.70 0.00	25.97 2.21 0.00	25.18 2.09 0.00	24.20 1.91 0.00	24.48 1.91 0.00	18.77 1.45 -0.11	20.44 1.34 -2.28	15.76 1.04 0.00
BARRETT_IC_8 23711	16.63 1.03 0.00	17.65 1.04 0.00	15.24 0.89 0.00	14.57 0.81 0.00	15.43 0.91 0.00	16.06 0.99 0.00	23.42 1.50 0.00	22.40 1.67 0.00	19.78 1.56 0.00	18.47 1.52 0.00	17.78 1.52 0.00	15.75 1.23 0.00	10.59 0.84 0.00	13.26 0.90 0.00	17.42 1.26 0.00	18.86 1.39 0.00	21.82 1.70 0.00	25.97 2.21 0.00	25.18 2.09 0.00	24.20 1.91 0.00	24.48 1.90 0.00	18.77 1.45 -0.11	20.44 1.33 -2.28	15.75 1.04 0.00
BARRETT_IC_9 23700	16.63 1.03 0.00	17.65 1.04 0.00	15.24 0.89 0.00	14.57 0.81 0.00	15.43 0.91 0.00	16.06 0.99 0.00	23.42 1.50 0.00	22.40 1.67 0.00	19.78 1.56 0.00	18.47 1.52 0.00	17.78 1.52 0.00	15.75 1.23 0.00	10.59 0.84 0.00	13.26 0.90 0.00	17.42 1.26 0.00	18.86 1.39 0.00	21.82 1.70 0.00	25.97 2.21 0.00	25.18 2.09 0.00	24.20 1.91 0.00	24.48 1.90 0.00	18.77 1.45 -0.11	20.44 1.33 -2.28	15.75 1.04 0.00
BARRETT___1 23545	16.63 1.03 0.00	17.65 1.04 0.00	15.24 0.89 0.00	14.57 0.81 0.00	15.43 0.91 0.00	16.06 0.99 0.00	23.42 1.50 0.00	22.40 1.67 0.00	19.78 1.56 0.00	18.47 1.52 0.00	17.78 1.52 0.00	15.75 1.23 0.00	10.59 0.84 0.00	13.26 0.90 0.00	17.42 1.26 0.00	18.86 1.39 0.00	21.82 1.70 0.00	25.97 2.21 0.00	25.18 2.09 0.00	24.20 1.91 0.00	24.48 1.90 0.00	18.77 1.45 -0.11	20.44 1.33 -2.28	15.75 1.04 0.00
BARRETT___2 23546	16.63 1.03 0.00	17.65 1.04 0.00	15.24 0.89 0.00	14.57 0.81 0.00	15.43 0.91 0.00	16.06 0.99 0.00	23.42 1.50 0.00	22.40 1.67 0.00	19.78 1.56 0.00	18.47 1.52 0.00	17.78 1.52 0.00	15.75 1.23 0.00	10.59 0.84 0.00	13.26 0.90 0.00	17.42 1.26 0.00	18.86 1.39 0.00	21.82 1.70 0.00	25.97 2.21 0.00	25.18 2.09 0.00	24.20 1.91 0.00	24.48 1.90 0.00	18.77 1.45 -0.11	20.44 1.33 -2.28	15.75 1.04 0.00
BATAVIA___115KV_TB1 55881	12.87 -1.23 1.50	15.22 -1.39 0.00	13.23 -1.12 0.00	12.72 -1.04 0.00	13.38 -1.14 0.00	13.93 -1.14 0.00	20.58 -1.35 0.00	19.35 -1.38 0.00	17.04 -1.18 0.00	16.03 -0.91 0.00	15.52 -0.75 0.00	13.72 -0.80 0.00	9.24 -0.52 0.00	11.70 -0.65 0.00	15.28 -0.88 0.00	16.44 -1.04 0.00	18.88 -1.25 0.00	22.50 -1.27 0.00	21.76 -1.33 0.00	20.79 -1.50 0.00	21.15 -1.43 0.00	15.85 -1.35 0.00	15.37 -1.46 0.00	13.65 -1.07 0.00
BAYONEEC___CTG1 323682	16.43 0.82 0.00	17.42 0.81 0.00	15.07 0.72 0.00	14.46 0.70 0.00	15.29 0.77 0.00	15.95 0.88 0.00	23.23 1.31 0.00	22.31 1.57 0.00	19.76 1.55 0.00	18.51 1.56 0.00	17.73 1.47 0.00	15.69 1.17 0.00	10.57 0.82 0.00	13.24 0.89 0.00	17.36 1.20 0.00	18.80 1.33 0.00	21.67 1.55 0.00	25.81 2.04 0.00	25.01 1.92 0.00	24.00 1.71 0.00	24.22 1.65 0.00	18.48 1.28 0.00	17.94 1.10 0.00	15.61 0.90 0.00
BAYONEEC___CTG10 323750	16.43 0.82 0.00	17.42 0.81 0.00	15.07 0.72 0.00	14.46 0.70 0.00	15.29 0.77 0.00	15.95 0.88 0.00	23.23 1.31 0.00	22.31 1.57 0.00	19.76 1.55 0.00	18.51 1.56 0.00	17.73 1.47 0.00	15.69 1.17 0.00	10.57 0.82 0.00	13.24 0.89 0.00	17.36 1.20 0.00	18.80 1.33 0.00	21.67 1.55 0.00	25.81 2.04 0.00	25.01 1.92 0.00	24.00 1.71 0.00	24.22 1.65 0.00	18.48 1.28 0.00	17.94 1.10 0.00	15.61 0.90 0.00
BAYONEEC___CTG2 323683	16.43 0.82 0.00	17.42 0.81 0.00	15.07 0.72 0.00	14.46 0.70 0.00	15.29 0.77 0.00	15.95 0.88 0.00	23.23 1.31 0.00	22.31 1.57 0.00	19.76 1.55 0.00	18.51 1.56 0.00	17.73 1.47 0.00	15.69 1.17 0.00	10.57 0.82 0.00	13.24 0.89 0.00	17.36 1.20 0.00	18.80 1.33 0.00	21.67 1.55 0.00	25.81 2.04 0.00	25.01 1.92 0.00	24.00 1.71 0.00	24.22 1.65 0.00	18.48 1.28 0.00	17.94 1.10 0.00	15.61 0.90 0.00
BAYONEEC___CTG3 323684	16.43 0.82 0.00	17.42 0.81 0.00	15.07 0.72 0.00	14.46 0.70 0.00	15.29 0.77 0.00	15.95 0.88 0.00	23.23 1.31 0.00	22.31 1.57 0.00	19.76 1.55 0.00	18.51 1.56 0.00	17.73 1.47 0.00	15.69 1.17 0.00	10.57 0.82 0.00	13.24 0.89 0.00	17.36 1.20 0.00	18.80 1.33 0.00	21.67 1.55 0.00	25.81 2.04 0.00	25.01 1.92 0.00	24.00 1.71 0.00	24.22 1.65 0.00	18.48 1.28 0.00	17.94 1.10 0.00	15.61 0.90 0.00
BAYONEEC___CTG4 323685	16.43 0.82 0.00	17.42 0.81 0.00	15.07 0.72 0.00	14.46 0.70 0.00	15.29 0.77 0.00	15.95 0.88 0.00	23.23 1.31 0.00	22.31 1.57 0.00	19.76 1.55 0.00	18.51 1.56 0.00	17.73 1.47 0.00	15.69 1.17 0.00	10.57 0.82 0.00	13.24 0.89 0.00	17.36 1.20 0.00	18.80 1.33 0.00	21.67 1.55 0.00	25.81 2.04 0.00	25.01 1.92 0.00	24.00 1.71 0.00	24.22 1.65 0.00	18.48 1.28 0.00	17.94 1.10 0.00	15.61 0.90 0.00
BAYONEEC___CTG5 323686	16.43 0.82 0.00	17.42 0.81 0.00	15.07 0.72 0.00	14.46 0.70 0.00	15.29 0.77 0.00	15.95 0.88 0.00	23.23 1.31 0.00	22.31 1.57 0.00	19.76 1.55 0.00	18.51 1.56 0.00	17.73 1.47 0.00	15.69 1.17 0.00	10.57 0.82 0.00	13.24 0.89 0.00	17.36 1.20 0.00	18.80 1.33 0.00	21.67 1.55 0.00	25.81 2.04 0.00	25.01 1.92 0.00	24.00 1.71 0.00	24.22 1.65 0.00	18.48 1.28 0.00	17.94 1.10 0.00	15.61 0.90 0.00
BAYONEEC___CTG6 323687	16.43 0.82 0.00	17.42 0.81 0.00	15.07 0.72 0.00	14.46 0.70 0.00	15.29 0.77 0.00	15.95 0.88 0.00	23.23 1.31 0.00	22.31 1.57 0.00	19.76 1.55 0.00	18.51 1.56 0.00	17.73 1.47 0.00	15.69 1.17 0.00	10.57 0.82 0.00	13.24 0.89 0.00	17.36 1.20 0.00	18.80 1.33 0.00	21.67 1.55 0.00	25.81 2.04 0.00	25.01 1.92 0.00	24.00 1.71 0.00	24.22 1.65 0.00	18.48 1.28 0.00	17.94 1.10 0.00	15.61 0.90 0.00

BAYONEEC___CTG7 323688	16.43 0.82 0.00	17.42 0.81 0.00	15.07 0.72 0.00	14.46 0.70 0.00	15.29 0.77 0.00	15.95 0.88 0.00	23.23 1.31 0.00	22.31 1.57 0.00	19.76 1.55 0.00	18.51 1.56 0.00	17.73 1.47 0.00	15.69 1.17 0.00	10.57 0.82 0.00	13.24 0.89 0.00	17.36 1.20 0.00	18.80 1.33 0.00	21.67 1.55 0.00	25.81 2.04 0.00	25.01 1.92 0.00	24.00 1.71 0.00	24.22 1.65 0.00	18.48 1.28 0.00	17.94 1.10 0.00	15.61 0.90 0.00
BAYONEEC___CTG8 323689	16.43 0.82 0.00	17.42 0.81 0.00	15.07 0.72 0.00	14.46 0.70 0.00	15.29 0.77 0.00	15.95 0.88 0.00	23.23 1.31 0.00	22.31 1.57 0.00	19.76 1.55 0.00	18.51 1.56 0.00	17.73 1.47 0.00	15.69 1.17 0.00	10.57 0.82 0.00	13.24 0.89 0.00	17.36 1.20 0.00	18.80 1.33 0.00	21.67 1.55 0.00	25.81 2.04 0.00	25.01 1.92 0.00	24.00 1.71 0.00	24.22 1.65 0.00	18.48 1.28 0.00	17.94 1.10 0.00	15.61 0.90 0.00
BAYONEEC___CTG9 323749	16.43 0.82 0.00	17.42 0.81 0.00	15.07 0.72 0.00	14.46 0.70 0.00	15.29 0.77 0.00	15.95 0.88 0.00	23.23 1.31 0.00	22.31 1.57 0.00	19.76 1.55 0.00	18.51 1.56 0.00	17.73 1.47 0.00	15.69 1.17 0.00	10.57 0.82 0.00	13.24 0.89 0.00	17.36 1.20 0.00	18.80 1.33 0.00	21.67 1.55 0.00	25.81 2.04 0.00	25.01 1.92 0.00	24.00 1.71 0.00	24.22 1.65 0.00	18.48 1.28 0.00	17.94 1.10 0.00	15.61 0.90 0.00
BEACON___LESR 323632	16.24 0.63 0.00	17.30 0.69 0.00	14.89 0.55 0.00	14.31 0.56 0.00	15.16 0.65 0.00	15.78 0.71 0.00	22.93 1.01 0.00	21.79 1.05 0.00	19.11 0.89 0.00	17.81 0.87 0.00	16.98 0.71 0.00	15.09 0.57 0.00	10.12 0.38 0.00	12.84 0.48 0.00	16.78 0.61 0.00	18.21 0.73 0.00	21.07 0.94 0.00	24.98 1.21 0.00	24.22 1.13 0.00	23.32 1.04 0.00	23.62 1.05 0.00	18.02 0.81 0.00	17.61 0.78 0.00	15.33 0.62 0.00
BEAVER RIVER___HYD 24048	15.03 -0.58 0.00	15.98 -0.63 0.00	13.87 -0.48 0.00	15.15 -0.47 -1.86	16.05 -0.54 -2.07	16.60 -0.57 -2.10	23.21 -0.77 -2.06	20.54 -0.80 -0.60	19.01 -0.90 -1.69	17.83 -0.94 -1.82	16.27 -0.91 -0.91	13.70 -0.82 0.00	9.17 -0.58 0.00	11.56 -0.80 0.00	15.16 -1.00 0.00	16.68 -0.79 0.00	19.20 -0.93 0.00	22.79 -0.98 0.00	24.05 -0.83 -1.79	23.93 -0.86 -2.50	24.16 -0.93 -2.52	18.66 -0.76 -2.22	17.11 -0.66 -0.93	14.21 -0.50 0.00
BEEBEE_GT_13 23619	13.29 -1.08 1.23	15.44 -1.18 0.00	13.38 -0.97 0.00	12.86 -0.90 0.00	13.53 -0.99 0.00	14.07 -1.00 0.00	20.67 -1.26 0.00	19.52 -1.22 0.00	17.17 -1.04 0.00	16.16 -0.78 0.00	15.64 -0.63 0.00	13.84 -0.68 0.00	9.31 -0.45 0.00	11.79 -0.56 0.00	15.39 -0.77 0.00	16.58 -0.89 0.00	19.02 -1.10 0.00	22.60 -1.17 0.00	21.89 -1.20 0.00	20.98 -1.31 0.00	21.31 -1.27 0.00	16.07 -1.14 0.00	15.61 -1.22 0.00	13.78 -0.94 0.00
BENSHRST_27_KV_BENSHRST_1 355998	16.62 1.02 0.00	17.59 0.98 0.00	15.23 0.89 0.00	14.61 0.85 0.00	15.45 0.93 0.00	16.12 1.05 0.00	23.53 1.61 0.00	22.60 1.87 0.00	20.04 1.82 0.00	18.74 1.80 0.00	17.97 1.70 0.00	15.90 1.38 0.00	10.70 0.95 0.00	13.40 1.05 0.00	17.56 1.40 0.00	19.04 1.57 0.00	21.98 1.85 0.00	26.16 2.40 0.00	45.01 2.28 -19.64	138.92 2.06 -114.58	24.56 1.99 0.00	18.73 1.52 0.00	18.16 1.33 0.00	15.81 1.10 0.00
BETHLEHEM___GRP 23843	16.05 0.45 0.00	17.07 0.46 0.00	14.74 0.39 0.00	14.16 0.40 0.00	14.97 0.45 0.00	15.55 0.48 0.00	22.50 0.57 0.00	21.43 0.70 0.00	18.83 0.61 0.00	17.60 0.65 0.00	16.77 0.51 0.00	14.94 0.42 0.00	10.03 0.28 0.00	12.69 0.33 0.00	16.58 0.42 0.00	17.99 0.51 0.00	20.74 0.61 0.00	24.58 0.81 0.00	23.84 0.75 0.00	22.92 0.63 0.00	23.24 0.67 0.00	17.76 0.55 0.00	17.36 0.52 0.00	15.15 0.43 0.00
BETHLEHEM___GS1 323560	16.05 0.45 0.00	17.07 0.46 0.00	14.74 0.39 0.00	14.16 0.40 0.00	14.97 0.45 0.00	15.55 0.48 0.00	22.50 0.57 0.00	21.43 0.70 0.00	18.83 0.61 0.00	17.60 0.65 0.00	16.77 0.50 0.00	14.94 0.42 0.00	10.03 0.28 0.00	12.69 0.33 0.00	16.58 0.42 0.00	17.99 0.51 0.00	20.74 0.61 0.00	24.58 0.81 0.00	23.84 0.75 0.00	22.92 0.63 0.00	23.24 0.67 0.00	17.76 0.55 0.00	17.36 0.52 0.00	15.15 0.43 0.00
BETHLEHEM___GS2 323561	16.05 0.45 0.00	17.07 0.46 0.00	14.74 0.39 0.00	14.16 0.40 0.00	14.97 0.45 0.00	15.55 0.48 0.00	22.50 0.57 0.00	21.43 0.70 0.00	18.83 0.61 0.00	17.60 0.65 0.00	16.77 0.50 0.00	14.94 0.42 0.00	10.03 0.28 0.00	12.69 0.33 0.00	16.58 0.42 0.00	17.99 0.51 0.00	20.74 0.61 0.00	24.58 0.81 0.00	23.84 0.75 0.00	22.92 0.63 0.00	23.24 0.67 0.00	17.76 0.55 0.00	17.36 0.52 0.00	15.15 0.43 0.00
BETHLEHEM___GS3 323562	16.05 0.45 0.00	17.07 0.46 0.00	14.74 0.39 0.00	14.16 0.40 0.00	14.97 0.45 0.00	15.55 0.48 0.00	22.50 0.57 0.00	21.43 0.70 0.00	18.83 0.61 0.00	17.60 0.65 0.00	16.77 0.50 0.00	14.94 0.42 0.00	10.03 0.28 0.00	12.69 0.33 0.00	16.58 0.42 0.00	17.99 0.51 0.00	20.74 0.61 0.00	24.58 0.81 0.00	23.84 0.75 0.00	22.92 0.63 0.00	23.24 0.67 0.00	17.76 0.55 0.00	17.36 0.52 0.00	15.15 0.43 0.00
BETHLEHEM___STEEL 23779	12.26 -1.49 1.85	14.99 -1.62 0.00	13.03 -1.32 0.00	12.52 -1.24 0.00	13.15 -1.37 0.00	13.65 -1.42 0.00	20.13 -1.79 0.00	18.97 -1.77 0.00	16.77 -1.45 0.00	15.89 -1.06 0.00	15.47 -0.80 0.00	13.68 -0.84 0.00	9.19 -0.56 0.00	11.56 -0.80 0.00	15.02 -1.14 0.00	16.10 -1.37 0.00	18.51 -1.62 0.00	22.08 -1.68 0.00	21.33 -1.76 0.00	20.34 -1.94 0.00	20.71 -1.87 0.00	15.54 -1.67 0.00	15.09 -1.75 0.00	13.44 -1.27 0.00
BETHLHEM_115KV_TB1 79974	16.06 0.46 0.00	17.08 0.47 0.00	14.74 0.40 0.00	14.17 0.41 0.00	14.98 0.46 0.00	15.56 0.49 0.00	22.51 0.59 0.00	21.45 0.72 0.00	18.84 0.62 0.00	17.61 0.67 0.00	16.78 0.51 0.00	14.95 0.43 0.00	10.04 0.28 0.00	12.70 0.34 0.00	16.59 0.43 0.00	17.99 0.52 0.00	20.75 0.63 0.00	24.60 0.84 0.00	23.86 0.77 0.00	22.94 0.65 0.00	23.27 0.69 0.00	17.77 0.57 0.00	17.37 0.53 0.00	15.16 0.44 0.00
BETHPAGE_CC_5 323564	16.71 1.11 0.00	17.73 1.12 0.00	15.32 0.97 0.00	14.66 0.90 0.00	15.52 1.01 0.00	16.18 1.10 0.00	23.61 1.69 0.00	22.59 1.85 0.00	19.93 1.71 0.00	18.59 1.65 0.00	17.87 1.61 0.00	15.79 1.27 0.00	10.62 0.87 0.00	13.30 0.94 0.00	17.49 1.33 0.00	18.96 1.48 0.00	21.94 1.81 0.00	26.15 2.38 0.00	25.35 2.26 0.00	24.37 2.08 0.00	24.62 2.05 0.00	18.91 1.59 -0.11	20.55 1.44 -2.28	15.85 1.13 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	12.31 -1.38 1.91	15.10 -1.51 0.00	13.13 -1.22 0.00	12.61 -1.15 0.00	13.25 -1.26 0.00	13.76 -1.31 0.00	20.29 -1.64 0.00	19.12 -1.61 0.00	16.90 -1.32 0.00	16.02 -0.93 0.00	15.61 -0.66 0.00	13.79 -0.73 0.00	9.26 -0.49 0.00	11.65 -0.71 0.00	15.13 -1.03 0.00	16.22 -1.25 0.00	18.65 -1.48 0.00	22.27 -1.50 0.00	21.51 -1.58 0.00	20.51 -1.77 0.00	20.88 -1.69 0.00	15.66 -1.55 0.00	15.21 -1.62 0.00	13.55 -1.17 0.00

BINGHAMTON___COGEN 23790	15.27 -0.33 0.00	16.31 -0.30 0.00	14.11 -0.23 0.00	13.52 -0.24 0.00	14.31 -0.21 0.00	14.85 -0.22 0.00	21.69 -0.23 0.00	20.59 -0.14 0.00	18.04 -0.18 0.00	16.87 -0.08 0.00	16.29 0.02 0.00	14.42 -0.10 0.00	9.64 -0.11 0.00	12.19 -0.16 0.00	16.01 -0.15 0.00	17.33 -0.14 0.00	20.00 -0.13 0.00	23.73 -0.03 0.00	23.01 -0.08 0.00	22.13 -0.15 0.00	22.38 -0.20 0.00	17.01 -0.19 0.00	16.58 -0.25 0.00	14.55 -0.16 0.00
BIXINCNT_115KV_LOAD 355685	11.95 -1.40 2.24	15.14 -1.48 0.00	13.20 -1.14 0.00	12.70 -1.06 0.00	13.29 -1.22 0.00	13.78 -1.29 0.00	20.19 -1.73 0.00	19.15 -1.59 0.00	16.92 -1.30 0.00	16.17 -0.78 0.00	15.86 -0.41 0.00	13.93 -0.59 0.00	9.31 -0.44 0.00	11.57 -0.79 0.00	14.99 -1.17 0.00	15.96 -1.51 0.00	18.49 -1.63 0.00	22.43 -1.33 0.00	21.81 -1.28 0.00	20.52 -1.77 0.00	20.97 -1.60 0.00	15.64 -1.57 0.00	15.20 -1.63 0.00	13.50 -1.22 0.00
BLACK RIVER___HYD 24047	14.86 -0.75 0.00	15.79 -0.82 0.00	13.71 -0.64 0.00	14.44 -0.63 -1.31	15.26 -0.70 -1.45	15.85 -0.69 -1.47	22.48 -0.88 -1.44	20.26 -0.89 -0.42	18.35 -1.06 -1.19	17.14 -1.08 -1.28	15.85 -1.05 -0.64	13.50 -1.02 0.00	9.03 -0.72 0.00	11.37 -0.98 0.00	14.92 -1.25 0.00	16.54 -0.93 0.00	19.11 -1.02 0.00	22.69 -1.07 0.00	23.45 -0.89 -1.25	23.08 -0.96 -1.75	23.31 -1.03 -1.76	17.89 -0.87 -1.55	16.65 -0.84 -0.66	14.02 -0.70 0.00
BLACKRVR_115KV_TB2 79977	14.86 -0.75 0.00	15.79 -0.83 0.00	13.71 -0.64 0.00	14.44 -0.63 -1.31	15.26 -0.70 -1.45	15.85 -0.69 -1.47	22.48 -0.88 -1.44	20.26 -0.89 -0.42	18.35 -1.06 -1.19	17.14 -1.08 -1.28	15.85 -1.05 -0.64	13.50 -1.02 0.00	9.03 -0.72 0.00	11.37 -0.98 0.00	14.92 -1.25 0.00	16.54 -0.93 0.00	19.10 -1.02 0.00	22.69 -1.08 0.00	23.45 -0.89 -1.25	23.08 -0.96 -1.75	23.31 -1.03 -1.76	17.89 -0.87 -1.55	16.65 -0.84 -0.66	14.01 -0.70 0.00
BLISS_WT_PWR 323608	11.82 -1.54 2.24	15.03 -1.59 0.00	13.12 -1.22 0.00	12.62 -1.14 0.00	13.19 -1.32 0.00	13.67 -1.40 0.00	20.02 -1.90 0.00	19.00 -1.74 0.00	16.80 -1.42 0.00	16.08 -0.87 0.00	15.80 -0.47 0.00	13.85 -0.66 0.00	9.25 -0.50 0.00	11.45 -0.91 0.00	14.83 -1.33 0.00	15.76 -1.72 0.00	18.29 -1.84 0.00	22.31 -1.46 0.00	21.73 -1.36 0.00	20.36 -1.92 0.00	20.86 -1.72 0.00	15.50 -1.70 0.00	15.06 -1.77 0.00	13.37 -1.34 0.00
BLUESTONE___WT_PWR 323821	16.79 -0.33 -1.52	16.79 0.18 0.00	14.26 -0.08 0.00	13.63 -0.13 0.00	14.72 0.20 0.00	14.75 -0.32 0.00	21.61 -0.31 0.00	20.47 -0.27 0.00	17.86 -0.36 0.00	16.65 -0.30 0.00	16.15 -0.12 0.00	14.33 -0.19 0.00	9.65 -0.10 0.00	12.06 -0.29 0.00	15.85 -0.31 0.00	17.11 -0.36 0.00	19.77 -0.35 0.00	23.51 -0.25 0.00	22.86 -0.23 0.00	22.00 -0.29 0.00	22.40 -0.18 0.00	16.98 -0.22 0.00	16.65 -0.19 0.00	14.87 0.16 0.00
BLUE_CIRC_CHEM_DRP 24182	16.13 0.53 0.00	17.18 0.57 0.00	14.84 0.49 0.00	14.25 0.49 0.00	15.06 0.55 0.00	15.65 0.58 0.00	22.72 0.80 0.00	21.57 0.83 0.00	18.85 0.64 0.00	17.54 0.60 0.00	16.77 0.50 0.00	14.91 0.39 0.00	10.02 0.27 0.00	12.68 0.32 0.00	16.60 0.44 0.00	18.05 0.58 0.00	20.89 0.76 0.00	24.77 1.00 0.00	24.03 0.94 0.00	23.11 0.82 0.00	23.42 0.85 0.00	17.88 0.68 0.00	17.46 0.63 0.00	15.24 0.53 0.00
BOC_GAS_DRP 24189	16.01 0.41 0.00	17.03 0.42 0.00	14.71 0.37 0.00	14.13 0.37 0.00	14.93 0.41 0.00	15.51 0.44 0.00	22.54 0.62 0.00	21.44 0.71 0.00	18.85 0.64 0.00	17.58 0.64 0.00	16.82 0.55 0.00	14.95 0.43 0.00	10.04 0.29 0.00	12.69 0.33 0.00	16.62 0.45 0.00	18.02 0.54 0.00	20.78 0.66 0.00	24.63 0.86 0.00	23.90 0.81 0.00	22.98 0.70 0.00	23.30 0.72 0.00	17.78 0.57 0.00	17.35 0.51 0.00	15.14 0.42 0.00
BOONVILLE_115KV_TB1 79983	15.58 -0.03 0.00	16.57 -0.04 0.00	14.35 0.01 0.00	14.48 0.01 -0.71	15.31 0.00 -0.80	15.91 0.03 -0.81	22.84 0.13 -0.79	21.07 0.10 -0.23	18.84 -0.03 -0.65	17.56 -0.08 -0.70	16.52 -0.09 -0.35	14.40 -0.12 0.00	9.65 -0.10 0.00	12.20 -0.16 0.00	16.00 -0.16 0.00	17.45 -0.02 0.00	20.14 0.01 0.00	23.87 0.11 0.00	23.93 0.15 -0.69	23.34 0.09 -0.96	23.59 0.05 -0.97	18.05 -0.01 -0.85	17.28 -0.01 -0.46	14.73 0.02 0.00
BORALEX_4TH_BRANCH 23824	16.48 0.88 0.00	17.54 0.93 0.00	15.11 0.76 0.00	14.53 0.77 0.00	15.38 0.86 0.00	16.00 0.93 0.00	23.29 1.37 0.00	22.15 1.41 0.00	19.41 1.20 0.00	17.98 1.04 0.00	17.27 1.00 0.00	15.27 0.75 0.00	10.24 0.49 0.00	13.00 0.64 0.00	17.06 0.90 0.00	18.44 0.96 0.00	21.28 1.15 0.00	25.18 1.41 0.00	24.39 1.30 0.00	23.46 1.17 0.00	23.99 1.42 0.00	18.38 1.17 0.00	17.92 1.09 0.00	15.59 0.88 0.00
BOWLINE___1 23526	16.33 0.73 0.00	17.31 0.70 0.00	14.96 0.62 0.00	14.36 0.60 0.00	15.18 0.67 0.00	15.82 0.75 0.00	23.11 1.19 0.00	22.13 1.39 0.00	19.55 1.34 0.00	18.27 1.32 0.00	17.50 1.24 0.00	15.50 0.98 0.00	10.43 0.68 0.00	13.08 0.72 0.00	17.17 1.00 0.00	18.62 1.15 0.00	21.50 1.37 0.00	25.59 1.82 0.00	24.79 1.70 0.00	23.81 1.52 0.00	24.04 1.46 0.00	18.32 1.11 0.00	17.80 0.97 0.00	15.50 0.79 0.00
BOWLINE___2 23595	16.33 0.73 0.00	17.31 0.70 0.00	14.96 0.62 0.00	14.36 0.60 0.00	15.18 0.67 0.00	15.82 0.75 0.00	23.11 1.19 0.00	22.13 1.39 0.00	19.55 1.34 0.00	18.27 1.32 0.00	17.50 1.24 0.00	15.50 0.98 0.00	10.43 0.68 0.00	13.08 0.72 0.00	17.17 1.00 0.00	18.62 1.15 0.00	21.50 1.37 0.00	25.59 1.82 0.00	24.79 1.70 0.00	23.81 1.52 0.00	24.04 1.46 0.00	18.32 1.11 0.00	17.80 0.97 0.00	15.50 0.79 0.00
BRADY___115KV_TB2 356060	15.91 0.30 0.00	16.96 0.35 0.00	14.60 0.26 0.00	16.20 0.22 -2.22	17.19 0.21 -2.46	17.70 0.13 -2.50	24.45 0.08 -2.44	21.39 -0.05 -0.71	20.09 -0.14 -2.01	18.84 -0.27 -2.16	16.97 -0.38 -1.09	14.33 -0.19 0.00	9.63 -0.13 0.00	12.25 -0.11 0.00	15.99 -0.17 0.00	17.26 -0.21 0.00	19.85 -0.28 0.00	23.57 -0.20 0.00	25.16 -0.06 -2.13	25.30 0.04 -2.97	25.57 0.00 -2.99	19.79 -0.05 -2.63	16.49 0.14 0.48	14.94 0.22 0.00
BRANSCOMB___SOLAR 323811	16.32 0.72 0.00	17.38 0.77 0.00	14.99 0.65 0.00	14.40 0.64 0.00	15.24 0.73 0.00	15.87 0.80 0.00	23.15 1.23 0.00	21.99 1.25 0.00	19.22 1.00 0.00	17.78 0.83 0.00	17.02 0.75 0.00	15.13 0.61 0.00	10.13 0.39 0.00	12.82 0.46 0.00	16.83 0.67 0.00	18.36 0.89 0.00	21.27 1.14 0.00	25.20 1.43 0.00	24.43 1.34 0.00	23.53 1.25 0.00	23.87 1.30 0.00	18.22 1.01 0.00	17.75 0.92 0.00	15.44 0.73 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	16.87 1.27 0.00	17.92 1.30 0.00	15.48 1.14 0.00	14.81 1.05 0.00	15.68 1.17 0.00	16.34 1.27 0.00	23.83 1.91 0.00	22.76 2.03 0.00	20.08 1.86 0.00	18.73 1.78 0.00	18.00 1.73 0.00	15.88 1.37 0.00	10.68 0.93 0.00	13.36 1.01 0.00	17.60 1.44 0.00	19.11 1.64 0.00	22.13 2.00 0.00	26.41 2.64 0.00	25.62 2.53 0.00	24.62 2.34 0.00	24.88 2.31 0.00	19.08 1.76 -0.11	20.74 1.63 -2.28	15.99 1.28 0.00

BRISTLHL_115KV_TB1 79998	14.95 -0.65 0.00	15.91 -0.70 0.00	13.76 -0.58 0.00	13.21 -0.55 0.00	13.90 -0.61 0.00	14.46 -0.60 0.00	21.09 -0.83 0.00	19.97 -0.76 0.00	17.52 -0.70 0.00	16.39 -0.55 0.00	15.79 -0.48 0.00	14.02 -0.50 0.00	9.41 -0.34 0.00	11.92 -0.43 0.00	15.60 -0.56 0.00	16.89 -0.59 0.00	19.43 -0.70 0.00	23.01 -0.76 0.00	22.32 -0.77 0.00	21.48 -0.80 0.00	21.76 -0.82 0.00	16.56 -0.64 0.00	16.14 -0.69 0.00	14.15 -0.57 0.00
BROOKHAVEN___DRP 24191	16.83 1.23 0.00	17.90 1.29 0.00	15.49 1.15 0.00	14.82 1.06 0.00	87.15 1.18 -71.46	16.33 1.26 0.00	23.78 1.85 0.00	22.68 1.94 0.00	19.99 1.77 0.00	18.61 1.67 0.00	17.87 1.60 0.00	15.73 1.21 0.00	10.59 0.84 0.00	13.22 0.86 0.00	17.39 1.23 0.00	18.90 1.42 0.00	21.92 1.79 0.00	26.23 2.46 0.00	25.48 2.39 0.00	24.51 2.23 0.00	24.76 2.19 0.00	18.99 1.67 -0.11	20.70 1.59 -2.28	15.95 1.24 0.00
BROOKLYN_NAVY_YARD 23515	16.43 0.83 0.00	17.41 0.80 0.00	15.06 0.72 0.00	14.45 0.69 0.00	15.29 0.77 0.00	15.94 0.87 0.00	23.22 1.30 0.00	22.31 1.58 0.00	19.77 1.56 0.00	18.52 1.57 0.00	17.74 1.47 0.00	15.69 1.18 0.00	10.57 0.82 0.00	13.25 0.89 0.00	17.36 1.20 0.00	18.79 1.32 0.00	21.69 1.56 0.00	25.82 2.05 0.00	25.03 1.94 0.00	24.01 1.72 0.00	24.23 1.66 0.00	18.49 1.28 0.00	17.94 1.10 0.00	15.61 0.90 0.00
BROOKLYN___ARMY_DRP 323595	16.54 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.78 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.82 1.30 0.00	10.65 0.89 0.00	13.33 0.97 0.00	17.47 1.31 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
BROOKVLE_69_KV_TB1 55790	16.76 1.16 0.00	17.78 1.17 0.00	15.36 1.01 0.00	14.71 0.95 0.00	15.57 1.06 0.00	16.23 1.16 0.00	23.70 1.78 0.00	22.69 1.95 0.00	20.03 1.81 0.00	18.70 1.75 0.00	17.97 1.71 0.00	15.89 1.37 0.00	10.69 0.93 0.00	13.38 1.03 0.00	17.60 1.43 0.00	19.07 1.60 0.00	22.05 1.92 0.00	26.22 2.46 0.00	25.39 2.30 0.00	24.49 2.20 0.00	24.74 2.16 0.00	18.95 1.63 -0.11	20.58 1.48 -2.28	15.89 1.17 0.00
BROOME_2_LFGE 323671	15.26 -0.34 0.00	16.31 -0.30 0.00	14.11 -0.23 0.00	13.52 -0.24 0.00	14.31 -0.21 0.00	14.85 -0.22 0.00	21.69 -0.23 0.00	20.59 -0.14 0.00	18.04 -0.18 0.00	16.87 -0.08 0.00	16.29 0.02 0.00	14.42 -0.10 0.00	9.64 -0.11 0.00	12.19 -0.16 0.00	16.01 -0.15 0.00	17.33 -0.14 0.00	20.00 -0.13 0.00	23.73 -0.03 0.00	23.01 -0.08 0.00	22.13 -0.15 0.00	22.38 -0.20 0.00	17.01 -0.20 0.00	16.58 -0.25 0.00	14.55 -0.16 0.00
BROOME___LFGE 323600	15.26 -0.34 0.00	16.31 -0.30 0.00	14.11 -0.23 0.00	13.52 -0.24 0.00	14.31 -0.21 0.00	14.85 -0.22 0.00	21.69 -0.23 0.00	20.59 -0.14 0.00	18.04 -0.18 0.00	16.87 -0.08 0.00	16.29 0.02 0.00	14.42 -0.10 0.00	9.64 -0.11 0.00	12.19 -0.16 0.00	16.01 -0.15 0.00	17.33 -0.14 0.00	20.00 -0.13 0.00	23.73 -0.03 0.00	23.01 -0.08 0.00	22.13 -0.15 0.00	22.38 -0.20 0.00	17.01 -0.20 0.00	16.58 -0.25 0.00	14.55 -0.16 0.00
BROWNFLS_115KV_TB_3_5 80003	15.28 -0.32 0.00	16.27 -0.34 0.00	14.06 -0.29 0.00	16.79 -0.30 -3.33	17.87 -0.35 -3.71	18.38 -0.45 -3.76	24.89 -0.71 -3.68	21.04 -0.76 -1.07	20.44 -0.80 -3.03	19.34 -0.86 -3.26	17.03 -0.87 -1.63	13.79 -0.72 0.00	9.26 -0.49 0.00	11.71 -0.65 0.00	15.33 -0.83 0.00	16.73 -0.75 0.00	19.23 -0.90 0.00	22.81 -0.96 0.00	25.47 -0.82 -3.20	25.98 -0.78 -4.48	26.24 -0.84 -4.51	20.49 -0.68 -3.97	17.92 -0.48 -1.57	14.39 -0.32 0.00
BROWNSV1_27_KV_LOAD 356125	16.57 0.97 0.00	17.58 0.96 0.00	15.20 0.86 0.00	14.58 0.82 0.00	15.42 0.91 0.00	16.09 1.02 0.00	23.46 1.54 0.00	22.54 1.80 0.00	19.97 1.75 0.00	18.69 1.74 0.00	17.91 1.65 0.00	15.85 1.33 0.00	10.67 0.91 0.00	13.37 1.02 0.00	17.53 1.37 0.00	18.99 1.52 0.00	21.90 1.77 0.00	26.08 2.31 0.00	25.28 2.19 0.00	24.26 1.98 0.00	24.49 1.92 0.00	18.67 1.46 0.00	18.11 1.28 0.00	15.76 1.05 0.00
BURROWS___LYONSDAL 23803	15.41 -0.19 0.00	16.39 -0.22 0.00	14.21 -0.13 0.00	14.57 -0.13 -0.94	15.41 -0.15 -1.05	16.00 -0.14 -1.06	22.85 -0.11 -1.04	20.90 -0.14 -0.30	18.81 -0.26 -0.85	17.55 -0.31 -0.92	16.42 -0.30 -0.46	14.22 -0.29 0.00	9.53 -0.22 0.00	12.03 -0.33 0.00	15.78 -0.38 0.00	17.26 -0.22 0.00	19.88 -0.24 0.00	23.58 -0.19 0.00	23.87 -0.12 -0.90	23.37 -0.17 -1.26	23.62 -0.22 -1.27	18.11 -0.22 -1.12	17.20 -0.19 -0.55	14.59 -0.12 0.00
CAITHNESS_CC_1 323624	16.80 1.20 0.00	17.87 1.25 0.00	15.45 1.10 0.00	14.78 1.02 0.00	15.66 1.14 0.00	16.29 1.22 0.00	23.72 1.80 0.00	22.63 1.90 0.00	19.96 1.75 0.00	18.60 1.65 0.00	17.85 1.59 0.00	15.73 1.21 0.00	10.59 0.84 0.00	13.22 0.87 0.00	17.40 1.23 0.00	18.88 1.41 0.00	21.90 1.77 0.00	26.19 2.42 0.00	25.43 2.34 0.00	24.47 2.18 0.00	24.71 2.14 0.00	18.96 1.64 -0.11	20.67 1.56 -2.28	15.93 1.21 0.00
CALPINE BETH_PAGE_GT4 24209	16.67 1.07 0.00	17.70 1.09 0.00	15.29 0.94 0.00	14.63 0.87 0.00	15.49 0.97 0.00	16.14 1.07 0.00	23.57 1.64 0.00	22.54 1.80 0.00	19.89 1.68 0.00	18.56 1.61 0.00	17.84 1.57 0.00	15.76 1.24 0.00	10.60 0.85 0.00	13.28 0.92 0.00	17.46 1.30 0.00	18.89 1.42 0.00	21.86 1.73 0.00	26.06 2.29 0.00	25.26 2.17 0.00	24.28 2.00 0.00	24.55 1.97 0.00	18.87 1.55 -0.11	20.51 1.40 -2.28	15.81 1.10 0.00
CALPINE_BETH_PAGE_GT_4 323586	16.67 1.08 0.00	17.70 1.09 0.00	15.29 0.94 0.00	14.63 0.87 0.00	15.49 0.97 0.00	16.14 1.07 0.00	23.56 1.64 0.00	22.55 1.81 0.00	19.89 1.68 0.00	18.56 1.61 0.00	17.84 1.57 0.00	15.76 1.24 0.00	10.60 0.85 0.00	13.28 0.92 0.00	17.46 1.30 0.00	18.89 1.42 0.00	21.86 1.73 0.00	26.06 2.29 0.00	25.26 2.17 0.00	24.28 2.00 0.00	24.55 1.97 0.00	18.87 1.55 -0.11	20.51 1.40 -2.28	15.81 1.10 0.00
CALPINE_BP_GT1 23823	16.67 1.08 0.00	17.70 1.09 0.00	15.29 0.94 0.00	14.63 0.87 0.00	15.49 0.97 0.00	16.14 1.07 0.00	23.56 1.64 0.00	22.55 1.81 0.00	19.89 1.68 0.00	18.56 1.61 0.00	17.84 1.57 0.00	15.76 1.24 0.00	10.60 0.85 0.00	13.28 0.92 0.00	17.46 1.30 0.00	18.89 1.42 0.00	21.86 1.73 0.00	26.06 2.29 0.00	25.26 2.17 0.00	24.28 2.00 0.00	24.55 1.97 0.00	18.87 1.55 -0.11	20.51 1.40 -2.28	15.81 1.10 0.00
CALSPAN___DRP 24200	12.26 -1.49 1.85	14.99 -1.62 0.00	13.03 -1.32 0.00	12.52 -1.24 0.00	13.15 -1.37 0.00	13.65 -1.42 0.00	20.13 -1.79 0.00	18.97 -1.77 0.00	16.77 -1.45 0.00	15.89 -1.06 0.00	15.47 -0.80 0.00	13.68 -0.84 0.00	9.19 -0.56 0.00	11.56 -0.80 0.00	15.02 -1.14 0.00	16.10 -1.37 0.00	18.51 -1.62 0.00	22.08 -1.68 0.00	21.33 -1.76 0.00	20.34 -1.94 0.00	20.71 -1.87 0.00	15.54 -1.67 0.00	15.09 -1.75 0.00	13.44 -1.27 0.00

CALVERTON___SOLAR 323806	16.87 1.27 0.00	17.96 1.35 0.00	15.53 1.19 0.00	14.86 1.10 0.00	86.03 1.23 -70.29	16.38 1.31 0.00	23.85 1.93 0.00	22.74 2.01 0.00	20.03 1.81 0.00	18.63 1.69 0.00	17.87 1.61 0.00	15.74 1.22 0.00	10.59 0.84 0.00	13.22 0.86 0.00	17.40 1.24 0.00	18.90 1.43 0.00	21.95 1.83 0.00	26.28 2.51 0.00	25.53 2.44 0.00	24.57 2.28 0.00	24.81 2.24 0.00	19.03 1.71 -0.11	20.74 1.63 -2.28	15.98 1.26 0.00
CANDIGU_WT_PWR 323617	8.02 -1.17 6.42	15.63 -0.99 0.00	13.50 -0.85 0.00	12.93 -0.83 0.00	13.82 -0.69 0.00	14.22 -0.85 0.00	20.78 -1.14 0.00	19.72 -1.01 0.00	17.22 -1.00 0.00	16.19 -0.75 0.00	15.80 -0.47 0.00	13.86 -0.66 0.00	9.14 -0.62 0.00	11.55 -0.81 0.00	15.30 -0.86 0.00	16.63 -0.84 0.00	19.21 -0.92 0.00	22.73 -1.04 0.00	22.18 -0.91 0.00	21.46 -0.83 0.00	21.38 -1.20 0.00	16.21 -1.00 0.00	15.88 -0.95 0.00	14.03 -0.68 0.00
CARR STREET_E_SYR 24060	15.06 -0.54 0.00	16.04 -0.57 0.00	13.87 -0.48 0.00	13.30 -0.46 0.00	14.01 -0.50 0.00	14.58 -0.49 0.00	21.27 -0.65 0.00	20.15 -0.58 0.00	17.68 -0.53 0.00	16.55 -0.40 0.00	15.94 -0.33 0.00	14.16 -0.36 0.00	9.50 -0.25 0.00	12.02 -0.33 0.00	15.75 -0.41 0.00	17.04 -0.43 0.00	19.61 -0.52 0.00	23.23 -0.54 0.00	22.53 -0.56 0.00	21.67 -0.62 0.00	21.95 -0.62 0.00	16.70 -0.51 0.00	16.27 -0.57 0.00	14.27 -0.45 0.00
CARTHAGE___PAPER 23857	15.08 -0.52 0.00	16.04 -0.57 0.00	13.92 -0.43 0.00	14.85 -0.43 -1.52	15.72 -0.49 -1.69	16.29 -0.49 -1.72	22.97 -0.62 -1.68	20.56 -0.67 -0.49	18.75 -0.85 -1.38	17.52 -0.91 -1.49	16.11 -0.90 -0.74	13.68 -0.84 0.00	9.16 -0.59 0.00	11.54 -0.82 0.00	15.14 -1.02 0.00	16.73 -0.74 0.00	19.31 -0.82 0.00	22.93 -0.84 0.00	23.87 -0.68 -1.46	23.61 -0.72 -2.04	23.85 -0.78 -2.06	18.34 -0.68 -1.81	16.99 -0.60 -0.76	14.24 -0.47 0.00
CASSADAGA_WT_PWR 323784	11.76 -1.65 2.19	14.79 -1.83 0.00	13.09 -1.25 0.00	12.55 -1.22 0.00	12.95 -1.57 0.00	13.65 -1.42 0.00	20.44 -1.49 0.00	19.08 -1.66 0.00	16.69 -1.53 0.00	15.81 -1.14 0.00	15.37 -0.89 0.00	13.60 -0.91 0.00	9.05 -0.70 0.00	11.36 -0.99 0.00	14.83 -1.34 0.00	15.88 -1.59 0.00	18.19 -1.94 0.00	21.92 -1.85 0.00	21.26 -1.82 0.00	20.14 -2.14 0.00	20.42 -2.15 0.00	15.33 -1.88 0.00	14.87 -1.96 0.00	13.58 -1.14 0.00
CE_DUNWOOD___DRP 24194	16.41 0.81 0.00	17.40 0.79 0.00	15.04 0.69 0.00	14.43 0.67 0.00	15.26 0.74 0.00	15.90 0.83 0.00	23.22 1.30 0.00	22.25 1.51 0.00	19.66 1.45 0.00	18.38 1.44 0.00	17.61 1.34 0.00	15.59 1.07 0.00	10.49 0.74 0.00	13.16 0.81 0.00	17.27 1.11 0.00	18.72 1.25 0.00	21.61 1.49 0.00	25.72 1.95 0.00	24.92 1.83 0.00	23.94 1.65 0.00	24.17 1.59 0.00	18.42 1.21 0.00	17.90 1.06 0.00	15.58 0.87 0.00
CE_MILLWOOD___DRP 24193	16.39 0.79 0.00	17.38 0.76 0.00	15.02 0.67 0.00	14.41 0.65 0.00	15.23 0.72 0.00	15.88 0.81 0.00	23.19 1.27 0.00	22.21 1.48 0.00	19.63 1.41 0.00	18.35 1.40 0.00	17.57 1.31 0.00	15.56 1.04 0.00	10.47 0.72 0.00	13.14 0.78 0.00	17.23 1.07 0.00	18.69 1.21 0.00	21.57 1.45 0.00	25.68 1.91 0.00	24.89 1.80 0.00	23.89 1.61 0.00	24.13 1.56 0.00	18.39 1.18 0.00	17.87 1.04 0.00	15.56 0.84 0.00
CE_NYC2_DRP 24202	16.48 0.88 0.00	17.46 0.84 0.00	15.12 0.77 0.00	14.50 0.74 0.00	15.33 0.82 0.00	15.99 0.92 0.00	23.31 1.39 0.00	22.39 1.65 0.00	19.84 1.63 0.00	18.56 1.62 0.00	17.80 1.53 0.00	15.76 1.24 0.00	10.61 0.86 0.00	13.30 0.94 0.00	17.42 1.25 0.00	18.86 1.39 0.00	21.76 1.63 0.00	25.90 2.13 0.00	25.10 2.01 0.00	24.08 1.79 0.00	24.30 1.72 0.00	18.53 1.32 0.00	17.98 1.15 0.00	15.67 0.95 0.00
CE_NYC_DRP 24195	16.44 0.84 0.00	17.43 0.82 0.00	15.08 0.73 0.00	14.47 0.71 0.00	15.30 0.79 0.00	15.96 0.89 0.00	23.26 1.34 0.00	22.34 1.60 0.00	19.79 1.57 0.00	18.53 1.59 0.00	17.76 1.49 0.00	15.72 1.20 0.00	10.58 0.83 0.00	13.26 0.91 0.00	17.38 1.22 0.00	18.83 1.35 0.00	21.71 1.58 0.00	25.84 2.07 0.00	25.04 1.95 0.00	24.03 1.74 0.00	24.25 1.68 0.00	18.50 1.30 0.00	17.95 1.12 0.00	15.63 0.91 0.00
CHAFFEE___LFGE 323603	12.10 -1.46 2.05	15.03 -1.58 0.00	13.07 -1.28 0.00	12.56 -1.21 0.00	13.19 -1.32 0.00	13.70 -1.37 0.00	20.20 -1.72 0.00	19.04 -1.70 0.00	16.83 -1.39 0.00	15.95 -1.00 0.00	15.52 -0.74 0.00	13.77 -0.75 0.00	9.25 -0.50 0.00	11.64 -0.71 0.00	15.14 -1.02 0.00	16.22 -1.25 0.00	18.65 -1.48 0.00	22.25 -1.52 0.00	21.49 -1.60 0.00	20.51 -1.78 0.00	20.89 -1.69 0.00	15.67 -1.54 0.00	15.19 -1.64 0.00	13.53 -1.18 0.00
CHATEAUG_35_KV_LOAD 355732	15.67 0.06 0.00	16.78 0.16 0.00	14.15 -0.19 0.00	-20.47 -0.38 33.85	-23.58 -0.43 37.67	-23.61 -0.51 38.18	-16.21 -0.78 37.35	9.06 -0.81 10.87	-13.27 -0.73 30.76	-17.01 -0.86 33.10	-1.22 -0.90 16.59	13.90 -0.62 0.00	9.43 -0.32 0.00	11.92 -0.44 0.00	15.55 -0.61 0.00	16.74 -0.73 0.00	19.51 -0.62 0.00	22.80 -0.97 0.00	-10.44 -1.02 32.51	-24.07 -0.90 45.46	-24.09 -0.90 45.77	-23.77 -0.67 40.31	-16.95 -0.53 33.26	14.54 -0.17 0.00
CHATEAUG_WT_PWR 323614	15.61 0.00 0.00	16.70 0.09 0.00	14.10 -0.25 0.00	-18.20 -0.48 31.48	-21.05 -0.53 35.03	-21.05 -0.61 35.51	-13.74 -0.94 34.73	9.70 -0.93 10.11	-11.23 -0.84 28.60	-14.78 -0.94 30.78	-0.13 -0.97 15.42	13.84 -0.67 0.00	9.40 -0.35 0.00	11.87 -0.49 0.00	15.48 -0.68 0.00	16.69 -0.79 0.00	19.43 -0.70 0.00	22.69 -1.07 0.00	-8.30 -1.16 30.23	-21.05 -1.07 42.28	-21.05 -1.06 42.56	-21.08 -0.80 37.48	-14.98 -0.65 31.16	14.47 -0.24 0.00
CHAT_HIGH_FALL_HYD 323578	15.67 0.06 0.00	16.78 0.16 0.00	14.15 -0.19 0.00	-20.47 -0.38 33.85	-23.58 -0.43 37.67	-23.61 -0.51 38.18	-16.21 -0.78 37.35	9.06 -0.81 10.87	-13.27 -0.73 30.76	-17.01 -0.86 33.10	-1.22 -0.90 16.59	13.90 -0.62 0.00	9.43 -0.32 0.00	11.92 -0.44 0.00	15.55 -0.61 0.00	16.74 -0.73 0.00	19.51 -0.62 0.00	22.80 -0.97 0.00	-10.44 -1.02 32.51	-24.07 -0.90 45.46	-24.09 -0.90 45.77	-23.77 -0.67 40.31	-16.95 -0.53 33.26	14.54 -0.17 0.00
CHAUTAUQUA___LFGE 323629	11.97 -1.61 2.02	14.93 -1.68 0.00	13.09 -1.26 0.00	12.52 -1.24 0.00	13.09 -1.43 0.00	13.65 -1.42 0.00	20.25 -1.68 0.00	19.11 -1.63 0.00	16.76 -1.46 0.00	15.84 -1.11 0.00	15.42 -0.85 0.00	13.63 -0.89 0.00	9.10 -0.66 0.00	11.45 -0.91 0.00	14.95 -1.22 0.00	15.99 -1.49 0.00	18.35 -1.77 0.00	22.04 -1.73 0.00	21.33 -1.76 0.00	20.28 -2.00 0.00	20.60 -1.97 0.00	15.48 -1.72 0.00	15.01 -1.82 0.00	13.47 -1.24 0.00
CHERRYST_13_KV_LD 356241	16.48 0.88 0.00	17.47 0.86 0.00	15.11 0.77 0.00	14.50 0.74 0.00	15.34 0.82 0.00	16.00 0.93 0.00	23.32 1.40 0.00	22.41 1.67 0.00	19.85 1.63 0.00	18.59 1.64 0.00	17.82 1.55 0.00	15.77 1.25 0.00	10.61 0.87 0.00	13.30 0.94 0.00	17.44 1.27 0.00	18.88 1.41 0.00	21.78 1.65 0.00	25.92 2.16 0.00	25.11 2.02 0.00	24.10 1.81 0.00	24.32 1.74 0.00	18.54 1.34 0.00	18.00 1.16 0.00	15.66 0.95 0.00

CHESTROR_138KV_BK263 355645	16.24 0.63 0.00	17.23 0.62 0.00	14.89 0.55 0.00	14.29 0.53 0.00	15.11 0.59 0.00	15.74 0.66 0.00	22.97 1.05 0.00	21.96 1.22 0.00	19.37 1.15 0.00	18.08 1.13 0.00	17.31 1.04 0.00	15.33 0.81 0.00	10.32 0.56 0.00	12.96 0.60 0.00	17.01 0.85 0.00	18.46 0.99 0.00	21.32 1.20 0.00	25.36 1.59 0.00	24.58 1.49 0.00	23.61 1.33 0.00	23.86 1.28 0.00	18.18 0.97 0.00	17.68 0.85 0.00	15.40 0.69 0.00
CH_MIDHUDSON___DRP 24192	16.40 0.80 0.00	17.42 0.81 0.00	15.05 0.70 0.00	14.43 0.67 0.00	15.26 0.74 0.00	15.90 0.84 0.00	23.21 1.29 0.00	22.19 1.45 0.00	19.57 1.36 0.00	18.26 1.31 0.00	17.45 1.19 0.00	15.44 0.92 0.00	10.38 0.62 0.00	13.06 0.71 0.00	17.15 0.99 0.00	18.61 1.14 0.00	21.50 1.38 0.00	25.57 1.81 0.00	24.80 1.71 0.00	23.82 1.54 0.00	24.08 1.51 0.00	18.36 1.15 0.00	17.85 1.02 0.00	15.54 0.83 0.00
CH_MISC_IPPS 23765	16.47 0.87 0.00	17.48 0.87 0.00	15.10 0.76 0.00	14.49 0.73 0.00	15.32 0.81 0.00	15.97 0.90 0.00	23.33 1.41 0.00	22.31 1.57 0.00	19.67 1.45 0.00	18.34 1.40 0.00	17.54 1.27 0.00	15.52 1.00 0.00	10.43 0.68 0.00	13.12 0.76 0.00	17.24 1.08 0.00	18.71 1.24 0.00	21.63 1.50 0.00	25.74 1.97 0.00	24.95 1.87 0.00	23.97 1.68 0.00	24.22 1.64 0.00	18.45 1.25 0.00	17.93 1.10 0.00	15.61 0.90 0.00
CH_RES_BVR_FALLS 23983	15.29 -0.31 0.00	16.30 -0.31 0.00	14.04 -0.30 0.00	13.47 -0.29 0.00	14.19 -0.33 0.00	14.69 -0.38 0.00	21.33 -0.59 0.00	20.11 -0.63 0.00	17.73 -0.49 0.00	16.45 -0.50 0.00	15.75 -0.51 0.00	14.11 -0.41 0.00	9.49 -0.25 0.00	12.06 -0.29 0.00	15.77 -0.39 0.00	17.05 -0.42 0.00	19.62 -0.51 0.00	23.13 -0.64 0.00	22.50 -0.59 0.00	21.71 -0.58 0.00	21.92 -0.66 0.00	16.71 -0.49 0.00	12.22 -0.37 0.00	14.45 -0.27 0.00
CH_RES_NIAGARA 23895	11.97 -2.00 1.63	14.48 -2.14 0.00	12.60 -1.74 0.00	12.13 -1.64 0.00	12.73 -1.79 0.00	13.21 -1.86 0.00	19.48 -2.44 0.00	18.26 -2.47 0.00	16.17 -2.04 0.00	15.34 -1.61 0.00	14.93 -1.33 0.00	13.20 -1.31 0.00	8.90 -0.85 0.00	11.21 -1.15 0.00	14.53 -1.63 0.00	15.51 -1.96 0.00	17.73 -2.40 0.00	21.13 -2.64 0.00	20.41 -2.68 0.00	19.49 -2.79 0.00	19.92 -2.66 0.00	14.93 -2.27 0.00	14.51 -2.33 0.00	13.04 -1.68 0.00
CH_RES_SYRACUSE 23985	15.18 -0.43 0.00	16.16 -0.45 0.00	13.96 -0.38 0.00	13.40 -0.36 0.00	14.11 -0.40 0.00	14.68 -0.39 0.00	21.44 -0.48 0.00	20.28 -0.46 0.00	17.77 -0.45 0.00	16.59 -0.36 0.00	15.92 -0.35 0.00	14.14 -0.38 0.00	9.48 -0.27 0.00	12.01 -0.34 0.00	15.75 -0.42 0.00	17.11 -0.36 0.00	19.73 -0.40 0.00	23.40 -0.37 0.00	22.70 -0.39 0.00	21.82 -0.46 0.00	22.09 -0.48 0.00	16.81 -0.39 0.00	16.38 -0.45 0.00	14.36 -0.35 0.00
CLINTON_WT_PWR 323605	15.61 0.00 0.00	16.70 0.09 0.00	14.10 -0.25 0.00	-18.20 -0.48 31.48	-21.05 -0.53 35.03	-21.05 -0.61 35.51	-13.74 -0.94 34.73	9.70 -0.93 10.11	-11.23 -0.84 28.60	-14.78 -0.94 30.78	-0.13 -0.97 15.42	13.84 -0.67 0.00	9.40 -0.35 0.00	11.87 -0.49 0.00	15.48 -0.68 0.00	16.69 -0.79 0.00	19.43 -0.70 0.00	22.69 -1.07 0.00	-8.30 -1.16 30.23	-21.05 -1.07 42.28	-21.05 -1.06 42.56	-21.08 -0.80 37.48	-14.98 -0.65 31.16	14.47 -0.24 0.00
CLINTON___LFGE 323618	15.79 0.19 0.00	16.90 0.29 0.00	14.28 -0.06 0.00	-18.63 -0.28 32.10	-21.53 -0.32 35.72	-21.53 -0.39 36.21	-14.09 -0.60 35.41	9.86 -0.57 10.31	-11.49 -0.54 29.17	-15.13 -0.69 31.39	-0.22 -0.76 15.73	13.99 -0.53 0.00	9.49 -0.26 0.00	11.98 -0.37 0.00	15.64 -0.53 0.00	16.87 -0.61 0.00	19.66 -0.47 0.00	22.97 -0.80 0.00	-8.60 -0.87 30.83	-21.55 -0.73 43.11	-21.57 -0.75 43.40	-21.58 -0.56 38.22	-15.34 -0.46 31.71	14.65 -0.06 0.00
COBBLENY_34_KV_TB1 80064	12.11 -1.45 2.05	15.03 -1.58 0.00	13.07 -1.28 0.00	12.56 -1.20 0.00	13.20 -1.32 0.00	13.70 -1.37 0.00	20.20 -1.73 0.00	19.04 -1.70 0.00	16.83 -1.39 0.00	15.95 -1.00 0.00	15.53 -0.74 0.00	13.77 -0.75 0.00	9.25 -0.50 0.00	11.64 -0.71 0.00	15.13 -1.03 0.00	16.22 -1.25 0.00	18.65 -1.48 0.00	22.25 -1.52 0.00	21.49 -1.60 0.00	20.51 -1.78 0.00	20.87 -1.70 0.00	15.66 -1.54 0.00	15.20 -1.64 0.00	13.53 -1.18 0.00
COFFEEN___115KV_TB3 355620	14.96 -0.65 0.00	15.89 -0.72 0.00	13.80 -0.55 0.00	14.49 -0.54 -1.27	15.31 -0.61 -1.41	15.91 -0.59 -1.43	22.61 -0.71 -1.40	20.41 -0.73 -0.41	18.41 -0.96 -1.15	17.17 -1.02 -1.24	15.87 -1.02 -0.62	13.52 -1.00 0.00	9.05 -0.70 0.00	11.39 -0.97 0.00	14.94 -1.23 0.00	16.59 -0.88 0.00	19.22 -0.91 0.00	22.88 -0.89 0.00	23.60 -0.71 -1.22	23.21 -0.77 -1.70	23.44 -0.84 -1.71	17.97 -0.74 -1.51	16.74 -0.73 -0.64	14.10 -0.62 0.00
COLDSPRG_115KV_BK1 355956	12.20 -0.94 2.47	15.59 -1.02 0.00	13.65 -0.70 0.00	13.09 -0.67 0.00	13.69 -0.83 0.00	14.29 -0.78 0.00	21.17 -0.75 0.00	19.95 -0.79 0.00	17.54 -0.68 0.00	16.66 -0.28 0.00	16.24 -0.03 0.00	14.34 -0.18 0.00	9.58 -0.17 0.00	12.03 -0.33 0.00	15.66 -0.50 0.00	16.75 -0.72 0.00	19.22 -0.90 0.00	23.01 -0.76 0.00	22.23 -0.86 0.00	21.14 -1.15 0.00	21.43 -1.15 0.00	16.15 -1.06 0.00	15.74 -1.09 0.00	14.11 -0.60 0.00
COLONIE_LFGE___ 323577	16.22 0.61 0.00	17.26 0.65 0.00	14.88 0.54 0.00	14.31 0.55 0.00	15.13 0.61 0.00	15.74 0.67 0.00	22.89 0.97 0.00	21.77 1.04 0.00	19.11 0.89 0.00	17.76 0.81 0.00	17.00 0.73 0.00	15.08 0.56 0.00	10.12 0.37 0.00	12.81 0.45 0.00	16.80 0.63 0.00	18.23 0.75 0.00	21.06 0.93 0.00	24.94 1.17 0.00	24.17 1.09 0.00	23.26 0.97 0.00	23.63 1.06 0.00	18.05 0.85 0.00	17.61 0.78 0.00	15.34 0.62 0.00
COOPERNY_115KV_TB1 80082	16.04 0.44 0.00	17.04 0.42 0.00	14.73 0.38 0.00	14.13 0.37 0.00	14.94 0.42 0.00	15.54 0.47 0.00	22.68 0.75 0.00	21.62 0.89 0.00	19.06 0.84 0.00	17.78 0.84 0.00	17.05 0.78 0.00	15.11 0.59 0.00	10.16 0.41 0.00	12.78 0.42 0.00	16.77 0.61 0.00	18.18 0.71 0.00	20.99 0.86 0.00	24.93 1.16 0.00	24.17 1.08 0.00	23.24 0.96 0.00	23.50 0.93 0.00	17.91 0.70 0.00	17.44 0.60 0.00	15.21 0.49 0.00
COPENHAGEN_WT_PWR 323753	14.66 -0.94 0.00	15.57 -1.04 0.00	13.53 -0.81 0.00	14.16 -0.80 -1.20	14.96 -0.89 -1.33	15.54 -0.88 -1.35	22.08 -1.17 -1.32	19.97 -1.15 -0.38	18.06 -1.25 -1.09	16.90 -1.22 -1.17	15.71 -1.15 -0.59	13.41 -1.12 0.00	8.97 -0.78 0.00	11.29 -1.07 0.00	14.79 -1.37 0.00	16.43 -1.05 0.00	18.91 -1.22 0.00	22.41 -1.36 0.00	23.06 -1.18 -1.15	22.64 -1.25 -1.61	22.88 -1.32 -1.62	17.56 -1.08 -1.43	16.39 -1.05 -0.60	13.83 -0.88 0.00
CORNELL_____ 23752	25.72 -0.14 -10.26	16.51 -0.10 0.00	14.26 -0.08 0.00	13.67 -0.09 0.00	14.46 -0.06 0.00	15.03 -0.04 0.00	22.00 0.08 0.00	20.85 0.11 0.00	18.20 -0.02 0.00	16.90 -0.05 0.00	16.26 -0.01 0.00	14.38 -0.14 0.00	9.63 -0.13 0.00	12.22 -0.14 0.00	16.13 -0.03 0.00	17.50 0.02 0.00	20.21 0.08 0.00	24.03 0.26 0.00	23.33 0.24 0.00	22.42 0.14 0.00	22.66 0.08 0.00	17.20 0.00 0.00	16.75 -0.09 0.00	14.69 -0.03 0.00

CORONA_69_KV_TB1 355595	16.70 1.10 0.00	17.72 1.11 0.00	15.30 0.96 0.00	14.64 0.88 0.00	15.50 0.98 0.00	16.15 1.08 0.00	23.58 1.66 0.00	22.56 1.82 0.00	19.92 1.70 0.00	18.59 1.65 0.00	17.88 1.61 0.00	15.81 1.30 0.00	10.64 0.88 0.00	13.32 0.97 0.00	17.52 1.36 0.00	18.99 1.51 0.00	21.97 1.84 0.00	26.17 2.40 0.00	25.37 2.28 0.00	24.37 2.09 0.00	24.64 2.07 0.00	18.88 1.56 -0.11	20.53 1.42 -2.28	15.84 1.12 0.00
CORTLAND_115KV_TB3 80093	18.50 -0.24 -3.14	16.38 -0.23 0.00	14.16 -0.18 0.00	13.58 -0.18 0.00	14.34 -0.17 0.00	14.92 -0.15 0.00	21.80 -0.13 0.00	20.67 -0.07 0.00	18.09 -0.13 0.00	16.86 -0.09 0.00	16.22 -0.04 0.00	14.37 -0.15 0.00	9.62 -0.14 0.00	12.19 -0.17 0.00	16.04 -0.13 0.00	17.39 -0.09 0.00	20.06 -0.07 0.00	23.83 0.06 0.00	23.12 0.03 0.00	22.23 -0.05 0.00	22.48 -0.09 0.00	17.09 -0.12 0.00	16.64 -0.19 0.00	14.59 -0.12 0.00
COXSACKIE___GT 23611	16.80 1.20 0.00	17.87 1.25 0.00	15.43 1.09 0.00	14.84 1.08 0.00	15.70 1.18 0.00	16.35 1.28 0.00	23.81 1.89 0.00	22.62 1.88 0.00	19.60 1.38 0.00	17.99 1.05 0.00	17.07 0.81 0.00	15.15 0.63 0.00	10.17 0.42 0.00	12.89 0.53 0.00	16.88 0.72 0.00	18.56 1.09 0.00	21.78 1.65 0.00	26.02 2.25 0.00	25.32 2.23 0.00	24.28 2.00 0.00	24.53 1.96 0.00	18.66 1.45 0.00	18.19 1.35 0.00	15.85 1.13 0.00
CPV_VALLEY___CC1 323721	16.11 0.51 0.00	17.10 0.49 0.00	14.78 0.44 0.00	14.19 0.42 0.00	14.99 0.48 0.00	15.61 0.54 0.00	22.78 0.85 0.00	21.76 1.03 0.00	19.21 0.99 0.00	17.93 0.99 0.00	17.17 0.91 0.00	15.22 0.70 0.00	10.24 0.49 0.00	12.87 0.51 0.00	16.89 0.72 0.00	18.31 0.84 0.00	21.14 1.01 0.00	25.12 1.35 0.00	24.35 1.26 0.00	23.40 1.11 0.00	23.64 1.07 0.00	18.03 0.82 0.00	17.54 0.71 0.00	15.28 0.57 0.00
CPV_VALLEY___CC2 323722	16.11 0.51 0.00	17.10 0.49 0.00	14.78 0.44 0.00	14.19 0.42 0.00	14.99 0.48 0.00	15.61 0.54 0.00	22.78 0.85 0.00	21.76 1.03 0.00	19.21 0.99 0.00	17.93 0.99 0.00	17.17 0.91 0.00	15.22 0.70 0.00	10.24 0.49 0.00	12.87 0.51 0.00	16.89 0.72 0.00	18.31 0.84 0.00	21.14 1.01 0.00	25.12 1.35 0.00	24.35 1.26 0.00	23.40 1.11 0.00	23.64 1.07 0.00	18.03 0.82 0.00	17.54 0.71 0.00	15.28 0.57 0.00
CRESCENT___HYD 24018	16.22 0.61 0.00	17.26 0.65 0.00	14.88 0.54 0.00	14.31 0.55 0.00	15.13 0.61 0.00	15.74 0.67 0.00	22.89 0.97 0.00	21.77 1.04 0.00	19.11 0.89 0.00	17.76 0.81 0.00	17.00 0.73 0.00	15.08 0.56 0.00	10.12 0.37 0.00	12.81 0.45 0.00	16.80 0.63 0.00	18.23 0.75 0.00	21.06 0.93 0.00	24.94 1.17 0.00	24.17 1.09 0.00	23.26 0.97 0.00	23.63 1.06 0.00	18.05 0.85 0.00	17.61 0.78 0.00	15.34 0.62 0.00
CRICKET___VALLEY_CC1 323756	16.35 0.75 0.00	17.38 0.76 0.00	14.99 0.65 0.00	14.37 0.61 0.00	15.20 0.68 0.00	15.84 0.77 0.00	23.08 1.16 0.00	22.05 1.32 0.00	19.46 1.24 0.00	18.16 1.22 0.00	17.34 1.07 0.00	15.32 0.80 0.00	10.29 0.54 0.00	12.98 0.63 0.00	17.03 0.87 0.00	18.49 1.02 0.00	21.38 1.25 0.00	25.40 1.63 0.00	24.62 1.53 0.00	23.65 1.36 0.00	23.93 1.35 0.00	18.27 1.06 0.00	17.78 0.95 0.00	15.48 0.77 0.00
CRICKET___VALLEY_CC2 323757	16.35 0.75 0.00	17.38 0.76 0.00	14.99 0.65 0.00	14.37 0.61 0.00	15.20 0.68 0.00	15.84 0.77 0.00	23.08 1.16 0.00	22.05 1.32 0.00	19.46 1.24 0.00	18.16 1.22 0.00	17.34 1.07 0.00	15.32 0.80 0.00	10.29 0.54 0.00	12.98 0.63 0.00	17.03 0.87 0.00	18.49 1.02 0.00	21.38 1.25 0.00	25.40 1.63 0.00	24.62 1.53 0.00	23.65 1.36 0.00	23.93 1.35 0.00	18.27 1.06 0.00	17.78 0.95 0.00	15.48 0.77 0.00
CRICKET___VALLEY_CC3 323758	16.35 0.75 0.00	17.38 0.76 0.00	14.99 0.65 0.00	14.37 0.61 0.00	15.20 0.68 0.00	15.84 0.77 0.00	23.08 1.16 0.00	22.05 1.32 0.00	19.46 1.24 0.00	18.16 1.22 0.00	17.34 1.07 0.00	15.32 0.80 0.00	10.29 0.54 0.00	12.98 0.63 0.00	17.03 0.87 0.00	18.49 1.02 0.00	21.38 1.25 0.00	25.40 1.63 0.00	24.62 1.53 0.00	23.65 1.36 0.00	23.93 1.35 0.00	18.27 1.06 0.00	17.78 0.95 0.00	15.48 0.77 0.00
CRUCIBLE_METL_DRP 24180	15.17 -0.43 0.00	16.16 -0.45 0.00	13.96 -0.38 0.00	13.40 -0.36 0.00	14.11 -0.40 0.00	14.68 -0.39 0.00	21.44 -0.49 0.00	20.28 -0.46 0.00	17.77 -0.45 0.00	16.59 -0.35 0.00	15.92 -0.35 0.00	14.14 -0.38 0.00	9.48 -0.27 0.00	12.01 -0.34 0.00	15.74 -0.42 0.00	17.11 -0.36 0.00	19.73 -0.40 0.00	23.40 -0.37 0.00	22.70 -0.39 0.00	21.82 -0.46 0.00	22.09 -0.48 0.00	16.81 -0.39 0.00	16.38 -0.45 0.00	14.36 -0.35 0.00
DAHOWA___HYDRO 323763	16.36 0.75 0.00	17.43 0.82 0.00	15.03 0.68 0.00	14.44 0.68 0.00	15.28 0.77 0.00	15.92 0.85 0.00	23.25 1.33 0.00	22.08 1.34 0.00	19.28 1.07 0.00	17.83 0.88 0.00	17.07 0.80 0.00	15.18 0.66 0.00	10.16 0.41 0.00	12.84 0.49 0.00	16.88 0.72 0.00	18.42 0.95 0.00	21.35 1.22 0.00	25.29 1.53 0.00	24.52 1.43 0.00	23.62 1.33 0.00	23.96 1.39 0.00	18.28 1.07 0.00	17.81 0.98 0.00	15.48 0.76 0.00
DANC___LFGE 323619	14.75 -0.86 0.00	15.67 -0.94 0.00	13.59 -0.75 0.00	13.86 -0.73 -0.83	14.63 -0.81 -0.92	15.20 -0.80 -0.94	21.76 -1.07 -0.91	19.97 -1.03 -0.27	17.90 -1.07 -0.75	16.75 -1.00 -0.81	15.74 -0.94 -0.40	13.60 -0.92 0.00	9.11 -0.64 0.00	11.49 -0.87 0.00	15.06 -1.10 0.00	16.55 -0.92 0.00	19.05 -1.07 0.00	22.59 -1.17 0.00	22.82 -1.07 -0.79	22.28 -1.12 -1.11	22.53 -1.16 -1.12	17.25 -0.94 -0.98	16.32 -0.94 -0.43	13.93 -0.79 0.00
DANSKAMMER___1 23586	16.47 0.87 0.00	17.48 0.87 0.00	15.10 0.76 0.00	14.49 0.73 0.00	15.32 0.81 0.00	15.97 0.90 0.00	23.33 1.41 0.00	22.31 1.57 0.00	19.67 1.45 0.00	18.34 1.40 0.00	17.54 1.27 0.00	15.52 1.00 0.00	10.43 0.68 0.00	13.12 0.76 0.00	17.24 1.08 0.00	18.71 1.24 0.00	21.63 1.50 0.00	25.74 1.97 0.00	24.95 1.87 0.00	23.97 1.68 0.00	24.22 1.64 0.00	18.45 1.25 0.00	17.93 1.10 0.00	15.61 0.90 0.00
DANSKAMMER___2 23589	16.47 0.87 0.00	17.48 0.87 0.00	15.10 0.76 0.00	14.49 0.73 0.00	15.32 0.81 0.00	15.97 0.90 0.00	23.33 1.41 0.00	22.31 1.57 0.00	19.67 1.45 0.00	18.34 1.40 0.00	17.54 1.27 0.00	15.52 1.00 0.00	10.43 0.68 0.00	13.12 0.76 0.00	17.24 1.08 0.00	18.71 1.24 0.00	21.63 1.50 0.00	25.74 1.97 0.00	24.95 1.87 0.00	23.97 1.68 0.00	24.22 1.64 0.00	18.45 1.25 0.00	17.93 1.10 0.00	15.61 0.90 0.00
DANSKAMMER___3 23590	16.47 0.87 0.00	17.48 0.87 0.00	15.10 0.76 0.00	14.49 0.73 0.00	15.32 0.81 0.00	15.97 0.90 0.00	23.33 1.41 0.00	22.31 1.57 0.00	19.67 1.45 0.00	18.34 1.40 0.00	17.54 1.27 0.00	15.52 1.00 0.00	10.43 0.68 0.00	13.12 0.76 0.00	17.24 1.08 0.00	18.71 1.24 0.00	21.63 1.50 0.00	25.74 1.97 0.00	24.95 1.87 0.00	23.97 1.68 0.00	24.22 1.64 0.00	18.45 1.25 0.00	17.93 1.10 0.00	15.61 0.90 0.00

DANSKAMMER___4 23591	16.47 0.87 0.00	17.48 0.87 0.00	15.10 0.76 0.00	14.49 0.73 0.00	15.32 0.81 0.00	15.97 0.90 0.00	23.33 1.41 0.00	22.31 1.57 0.00	19.67 1.45 0.00	18.34 1.40 0.00	17.54 1.27 0.00	15.52 1.00 0.00	10.43 0.68 0.00	13.12 0.76 0.00	17.24 1.08 0.00	18.71 1.24 0.00	21.63 1.50 0.00	25.74 1.97 0.00	24.95 1.87 0.00	23.97 1.68 0.00	24.22 1.64 0.00	18.45 1.25 0.00	17.93 1.10 0.00	15.61 0.90 0.00
DANSKAMMER___DIESEL 23592	16.47 0.87 0.00	17.48 0.87 0.00	15.10 0.76 0.00	14.49 0.73 0.00	15.32 0.81 0.00	15.97 0.90 0.00	23.33 1.41 0.00	22.31 1.57 0.00	19.67 1.45 0.00	18.34 1.40 0.00	17.54 1.27 0.00	15.52 1.00 0.00	10.43 0.68 0.00	13.12 0.76 0.00	17.24 1.08 0.00	18.71 1.24 0.00	21.63 1.50 0.00	25.74 1.97 0.00	24.95 1.86 0.00	23.97 1.68 0.00	24.22 1.64 0.00	18.45 1.25 0.00	17.93 1.10 0.00	15.61 0.90 0.00
DARBY___SOLAR 323810	16.32 0.72 0.00	17.38 0.77 0.00	14.99 0.65 0.00	14.40 0.64 0.00	15.24 0.73 0.00	15.87 0.80 0.00	23.16 1.23 0.00	21.99 1.26 0.00	19.22 1.00 0.00	17.79 0.84 0.00	17.02 0.75 0.00	15.13 0.61 0.00	10.13 0.38 0.00	12.82 0.46 0.00	16.84 0.68 0.00	18.38 0.90 0.00	21.28 1.15 0.00	25.22 1.45 0.00	24.44 1.35 0.00	23.54 1.25 0.00	23.88 1.30 0.00	18.22 1.01 0.00	17.76 0.92 0.00	15.44 0.73 0.00
DASHVILLE___HYD 23610	16.33 0.73 0.00	17.33 0.72 0.00	14.98 0.63 0.00	14.37 0.61 0.00	15.19 0.68 0.00	15.83 0.76 0.00	23.14 1.22 0.00	22.14 1.40 0.00	19.55 1.33 0.00	18.23 1.29 0.00	17.44 1.18 0.00	15.42 0.90 0.00	10.37 0.61 0.00	13.03 0.67 0.00	17.12 0.96 0.00	18.57 1.09 0.00	21.39 1.27 0.00	25.44 1.68 0.00	24.67 1.58 0.00	23.70 1.42 0.00	23.94 1.36 0.00	18.25 1.04 0.00	17.73 0.90 0.00	15.43 0.71 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	17.07 1.47 0.00	18.19 1.58 0.00	15.75 1.40 0.00	15.07 1.31 0.00	87.36 1.45 -71.38	16.62 1.55 0.00	24.17 2.25 0.00	23.03 2.29 0.00	20.21 1.99 0.00	18.74 1.79 0.00	17.94 1.68 0.00	15.79 1.27 0.00	10.62 0.87 0.00	13.24 0.89 0.00	17.43 1.27 0.00	18.96 1.49 0.00	22.05 1.92 0.00	26.42 2.65 0.00	25.70 2.61 0.00	24.71 2.42 0.00	24.99 2.42 0.00	19.21 1.89 -0.11	20.85 1.74 -2.28	16.03 1.32 0.00
DELAWARE___LFGE 323621	15.88 0.27 0.00	16.92 0.31 0.00	14.63 0.29 0.00	14.03 0.27 0.00	14.84 0.33 0.00	15.38 0.31 0.00	22.46 0.54 0.00	21.36 0.62 0.00	18.76 0.54 0.00	17.50 0.55 0.00	16.80 0.53 0.00	14.91 0.39 0.00	10.02 0.26 0.00	12.63 0.27 0.00	16.55 0.39 0.00	17.94 0.47 0.00	20.70 0.57 0.00	24.55 0.78 0.00	23.83 0.74 0.00	22.94 0.66 0.00	23.21 0.64 0.00	17.66 0.45 0.00	17.22 0.38 0.00	15.05 0.34 0.00
DERFIELD_115KV_TB7 355931	15.68 0.08 0.00	16.68 0.07 0.00	14.42 0.08 0.00	13.84 0.08 0.00	14.60 0.09 0.00	15.18 0.10 0.00	22.08 0.16 0.00	20.93 0.19 0.00	18.38 0.16 0.00	17.11 0.16 0.00	16.41 0.15 0.00	14.62 0.10 0.00	9.82 0.07 0.00	12.43 0.07 0.00	16.27 0.11 0.00	17.62 0.15 0.00	20.31 0.18 0.00	24.01 0.24 0.00	23.31 0.22 0.00	22.46 0.18 0.00	22.76 0.18 0.00	17.35 0.15 0.00	17.09 0.12 -0.14	14.80 0.09 0.00
DOGLEVILLE___HYD 23807	15.71 0.10 0.00	16.77 0.16 0.00	14.51 0.17 0.00	13.93 0.17 0.00	14.78 0.26 0.00	15.40 0.33 0.00	22.39 0.46 0.00	21.32 0.58 0.00	18.62 0.40 0.00	17.23 0.29 0.00	16.50 0.23 0.00	14.60 0.08 0.00	9.76 0.02 0.00	12.34 -0.02 0.00	16.22 0.06 0.00	17.70 0.22 0.00	20.47 0.35 0.00	24.37 0.61 0.00	23.69 0.60 0.00	22.78 0.49 0.00	23.13 0.55 0.00	17.67 0.47 0.00	17.34 0.37 -0.14	14.96 0.24 0.00
DUNKIRK___115KV_TB_200 55889	12.02 -1.58 2.00	14.95 -1.66 0.00	13.09 -1.25 0.00	12.53 -1.23 0.00	13.11 -1.41 0.00	13.67 -1.41 0.00	20.24 -1.68 0.00	19.12 -1.62 0.00	16.77 -1.45 0.00	15.85 -1.10 0.00	15.43 -0.83 0.00	13.64 -0.88 0.00	9.10 -0.65 0.00	11.46 -0.90 0.00	14.95 -1.21 0.00	16.00 -1.47 0.00	18.38 -1.74 0.00	22.05 -1.72 0.00	21.34 -1.75 0.00	20.31 -1.98 0.00	20.62 -1.95 0.00	15.51 -1.70 0.00	15.04 -1.80 0.00	13.47 -1.24 0.00
DUNKIRK___1 23563	12.02 -1.58 2.00	14.95 -1.66 0.00	13.09 -1.25 0.00	12.53 -1.23 0.00	13.11 -1.41 0.00	13.67 -1.41 0.00	20.24 -1.68 0.00	19.12 -1.62 0.00	16.77 -1.45 0.00	15.85 -1.10 0.00	15.43 -0.83 0.00	13.64 -0.88 0.00	9.10 -0.65 0.00	11.46 -0.90 0.00	14.95 -1.21 0.00	16.00 -1.47 0.00	18.38 -1.74 0.00	22.05 -1.72 0.00	21.34 -1.75 0.00	20.31 -1.98 0.00	20.62 -1.95 0.00	15.51 -1.70 0.00	15.04 -1.80 0.00	13.47 -1.24 0.00
DUNKIRK___2 23564	12.02 -1.58 2.00	14.95 -1.66 0.00	13.09 -1.25 0.00	12.53 -1.23 0.00	13.11 -1.41 0.00	13.67 -1.41 0.00	20.24 -1.68 0.00	19.12 -1.62 0.00	16.77 -1.45 0.00	15.85 -1.10 0.00	15.43 -0.83 0.00	13.64 -0.88 0.00	9.10 -0.65 0.00	11.46 -0.90 0.00	14.95 -1.21 0.00	16.00 -1.47 0.00	18.38 -1.74 0.00	22.05 -1.72 0.00	21.34 -1.75 0.00	20.31 -1.98 0.00	20.62 -1.95 0.00	15.51 -1.70 0.00	15.04 -1.80 0.00	13.47 -1.24 0.00
DUNKIRK___3 23565	12.12 -1.54 1.94	15.00 -1.61 0.00	13.10 -1.25 0.00	12.55 -1.21 0.00	13.15 -1.37 0.00	13.69 -1.39 0.00	20.22 -1.70 0.00	19.12 -1.62 0.00	16.80 -1.42 0.00	15.88 -1.07 0.00	15.47 -0.79 0.00	13.66 -0.86 0.00	9.14 -0.61 0.00	11.50 -0.86 0.00	14.99 -1.17 0.00	16.06 -1.42 0.00	18.45 -1.68 0.00	22.09 -1.68 0.00	21.36 -1.73 0.00	20.35 -1.94 0.00	20.67 -1.90 0.00	15.54 -1.66 0.00	15.09 -1.75 0.00	13.48 -1.23 0.00
DUNKIRK___4 23566	12.12 -1.54 1.94	15.00 -1.61 0.00	13.10 -1.25 0.00	12.55 -1.21 0.00	13.15 -1.37 0.00	13.69 -1.39 0.00	20.22 -1.70 0.00	19.08 -1.66 0.00	16.77 -1.44 0.00	15.87 -1.08 0.00	15.46 -0.81 0.00	13.66 -0.86 0.00	9.14 -0.61 0.00	11.50 -0.86 0.00	14.99 -1.17 0.00	16.06 -1.42 0.00	18.45 -1.68 0.00	22.09 -1.68 0.00	21.36 -1.73 0.00	20.35 -1.94 0.00	20.67 -1.90 0.00	15.54 -1.66 0.00	15.09 -1.75 0.00	13.48 -1.23 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	16.44 0.84 0.00	17.43 0.82 0.00	15.05 0.70 0.00	14.44 0.68 0.00	15.27 0.76 0.00	15.91 0.85 0.00	23.25 1.33 0.00	22.28 1.55 0.00	19.70 1.49 0.00	18.43 1.48 0.00	17.65 1.39 0.00	15.63 1.11 0.00	10.52 0.77 0.00	13.19 0.84 0.00	17.31 1.15 0.00	18.76 1.28 0.00	21.65 1.53 0.00	25.77 2.00 0.00	24.98 1.88 0.00	23.99 1.70 0.00	24.21 1.64 0.00	18.45 1.25 0.00	17.93 1.10 0.00	15.61 0.90 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	16.34 0.74 0.00	17.34 0.73 0.00	14.98 0.64 0.00	14.38 0.61 0.00	15.20 0.69 0.00	15.84 0.77 0.00	23.13 1.21 0.00	22.12 1.39 0.00	19.51 1.29 0.00	18.20 1.26 0.00	17.42 1.15 0.00	15.41 0.89 0.00	10.37 0.61 0.00	13.02 0.66 0.00	17.11 0.94 0.00	18.57 1.10 0.00	21.45 1.33 0.00	25.52 1.75 0.00	24.74 1.65 0.00	23.77 1.49 0.00	24.02 1.45 0.00	18.30 1.09 0.00	17.79 0.96 0.00	15.50 0.78 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	16.45 0.85 0.00	17.43 0.82 0.00	15.12 0.77 0.00	14.49 0.73 0.00	15.32 0.81 0.00	15.98 0.91 0.00	23.25 1.33 0.00	22.33 1.60 0.00	19.80 1.58 0.00	18.49 1.55 0.00	17.72 1.45 0.00	15.67 1.16 0.00	10.55 0.80 0.00	13.23 0.88 0.00	17.33 1.17 0.00	18.78 1.31 0.00	21.67 1.55 0.00	25.80 2.03 0.00	25.03 1.93 0.00	23.99 1.70 0.00	24.22 1.65 0.00	18.47 1.27 0.00	17.93 1.09 0.00	15.61 0.89 0.00
E179THST_13_KV_LOAD 356214	16.51 0.91 0.00	17.49 0.88 0.00	15.16 0.82 0.00	14.53 0.77 0.00	15.37 0.86 0.00	16.03 0.96 0.00	23.35 1.43 0.00	22.43 1.69 0.00	19.88 1.66 0.00	18.57 1.63 0.00	17.80 1.53 0.00	15.74 1.22 0.00	10.59 0.84 0.00	13.29 0.93 0.00	17.41 1.24 0.00	18.86 1.39 0.00	21.78 1.65 0.00	25.91 2.15 0.00	25.14 2.05 0.00	24.10 1.81 0.00	24.34 1.76 0.00	18.55 1.35 0.00	18.00 1.17 0.00	15.67 0.95 0.00
EAST HAMPTON___GT 23717	17.19 1.59 0.00	18.35 1.73 0.00	15.88 1.54 0.00	15.20 1.44 0.00	87.72 1.60 -71.60	16.77 1.70 0.00	24.34 2.42 0.00	23.18 2.44 0.00	20.25 2.03 0.00	18.71 1.76 0.00	17.88 1.61 0.00	15.74 1.22 0.00	10.57 0.82 0.00	13.18 0.82 0.00	17.36 1.20 0.00	18.90 1.42 0.00	21.99 1.87 0.00	26.38 2.61 0.00	25.67 2.58 0.00	24.68 2.40 0.00	25.00 2.43 0.00	19.29 1.97 -0.11	20.85 1.74 -2.28	15.98 1.27 0.00
EAST RIVER___6 23660	16.42 0.81 0.00	17.41 0.80 0.00	15.06 0.71 0.00	14.45 0.69 0.00	15.28 0.77 0.00	15.94 0.87 0.00	23.24 1.32 0.00	22.33 1.59 0.00	19.79 1.57 0.00	18.53 1.59 0.00	17.77 1.50 0.00	15.72 1.20 0.00	10.58 0.83 0.00	13.26 0.91 0.00	17.39 1.23 0.00	18.83 1.36 0.00	21.71 1.59 0.00	25.85 2.08 0.00	25.04 1.95 0.00	24.03 1.74 0.00	24.24 1.67 0.00	18.49 1.28 0.00	17.94 1.11 0.00	15.61 0.89 0.00
EAST RIVER___7 23524	16.42 0.81 0.00	17.41 0.80 0.00	15.06 0.71 0.00	14.45 0.69 0.00	15.28 0.77 0.00	15.94 0.87 0.00	23.24 1.32 0.00	22.33 1.59 0.00	19.79 1.57 0.00	18.53 1.59 0.00	17.77 1.50 0.00	15.72 1.20 0.00	10.58 0.83 0.00	13.26 0.91 0.00	17.39 1.23 0.00	18.83 1.36 0.00	21.71 1.59 0.00	25.85 2.08 0.00	25.04 1.95 0.00	24.03 1.74 0.00	24.24 1.67 0.00	18.49 1.28 0.00	17.94 1.11 0.00	15.61 0.89 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	16.41 0.81 0.00	17.40 0.79 0.00	15.04 0.69 0.00	14.43 0.67 0.00	15.26 0.74 0.00	15.90 0.83 0.00	23.22 1.30 0.00	22.25 1.51 0.00	19.66 1.45 0.00	18.38 1.44 0.00	17.61 1.34 0.00	15.59 1.07 0.00	10.49 0.74 0.00	13.16 0.81 0.00	17.27 1.11 0.00	18.72 1.25 0.00	21.61 1.49 0.00	25.72 1.95 0.00	24.92 1.83 0.00	23.94 1.65 0.00	24.17 1.59 0.00	18.42 1.21 0.00	17.90 1.06 0.00	15.58 0.87 0.00
EAST_HAMPTON___DIESEL 23722	17.19 1.59 0.00	18.35 1.73 0.00	15.88 1.54 0.00	15.20 1.44 0.00	87.71 1.60 -71.59	16.77 1.70 0.00	24.33 2.41 0.00	23.16 2.43 0.00	20.23 2.02 0.00	18.69 1.74 0.00	17.86 1.59 0.00	15.71 1.20 0.00	10.56 0.81 0.00	13.17 0.81 0.00	17.33 1.18 0.00	18.88 1.41 0.00	21.97 1.84 0.00	26.35 2.58 0.00	25.63 2.54 0.00	24.65 2.37 0.00	24.97 2.40 0.00	19.28 1.96 -0.11	20.83 1.72 -2.28	15.96 1.25 0.00
EAST_PULASKI___ESR 323781	14.87 -0.73 0.00	15.82 -0.79 0.00	13.69 -0.65 0.00	13.14 -0.62 0.00	13.82 -0.69 0.00	14.39 -0.68 0.00	21.00 -0.92 0.00	19.87 -0.87 0.00	17.36 -0.85 0.00	16.20 -0.74 0.00	15.58 -0.68 0.00	13.83 -0.69 0.00	9.28 -0.48 0.00	11.73 -0.63 0.00	15.37 -0.79 0.00	16.73 -0.74 0.00	19.26 -0.86 0.00	22.84 -0.93 0.00	22.20 -0.89 0.00	21.36 -0.93 0.00	21.63 -0.95 0.00	16.45 -0.76 0.00	15.87 -0.79 0.17	14.06 -0.66 0.00
EAST_RIVER___1 323558	16.44 0.84 0.00	17.43 0.82 0.00	15.08 0.73 0.00	14.47 0.71 0.00	15.30 0.79 0.00	15.96 0.89 0.00	23.26 1.34 0.00	22.34 1.60 0.00	19.79 1.57 0.00	18.53 1.59 0.00	17.76 1.49 0.00	15.72 1.20 0.00	10.58 0.83 0.00	13.26 0.91 0.00	17.39 1.22 0.00	18.83 1.35 0.00	21.71 1.59 0.00	25.84 2.08 0.00	25.04 1.95 0.00	24.03 1.75 0.00	24.25 1.68 0.00	18.50 1.30 0.00	17.95 1.12 0.00	15.63 0.91 0.00
EAST_RIVER___2 323559	16.42 0.81 0.00	17.41 0.80 0.00	15.06 0.71 0.00	14.45 0.69 0.00	15.28 0.77 0.00	15.94 0.87 0.00	23.24 1.32 0.00	22.33 1.59 0.00	19.79 1.57 0.00	18.53 1.59 0.00	17.77 1.50 0.00	15.72 1.20 0.00	10.58 0.83 0.00	13.26 0.91 0.00	17.39 1.23 0.00	18.83 1.36 0.00	21.71 1.59 0.00	25.85 2.08 0.00	25.04 1.95 0.00	24.03 1.74 0.00	24.24 1.67 0.00	18.49 1.28 0.00	17.94 1.11 0.00	15.61 0.89 0.00
EAST___DELAWARE_HYD 23607	16.18 0.58 0.00	17.16 0.55 0.00	14.84 0.49 0.00	14.23 0.47 0.00	15.06 0.54 0.00	15.70 0.63 0.00	22.98 1.06 0.00	21.97 1.23 0.00	19.34 1.12 0.00	17.99 1.05 0.00	17.15 0.88 0.00	15.07 0.55 0.00	9.93 0.17 0.00	12.36 0.00 0.00	16.28 0.12 0.00	17.71 0.24 0.00	20.48 0.35 0.00	24.46 0.69 0.00	23.74 0.65 0.00	22.88 0.59 0.00	23.81 1.24 0.00	18.13 0.92 0.00	17.61 0.77 0.00	15.32 0.60 0.00
EIGHT_POINT___WT_PWR 323820	7.49 -1.37 6.75	15.71 -0.90 0.00	13.42 -0.93 0.00	12.90 -0.85 0.00	13.97 -0.54 0.00	14.09 -0.98 0.00	20.60 -1.33 0.00	19.55 -1.19 0.00	16.99 -1.23 0.00	15.94 -1.00 0.00	15.58 -0.69 0.00	13.66 -0.86 0.00	8.94 -0.82 0.00	11.27 -1.09 0.00	15.15 -1.02 0.00	16.53 -0.95 0.00	19.10 -1.03 0.00	22.47 -1.30 0.00	21.87 -1.22 0.00	21.24 -1.05 0.00	21.10 -1.47 0.00	16.01 -1.20 0.00	15.88 -0.95 0.00	14.11 -0.60 0.00
ELBRIDGE_115KV_TB2 80188	15.10 -0.51 0.00	16.09 -0.52 0.00	13.89 -0.45 0.00	13.33 -0.43 0.00	14.04 -0.47 0.00	14.61 -0.46 0.00	21.34 -0.59 0.00	20.20 -0.54 0.00	17.72 -0.50 0.00	16.54 -0.40 0.00	15.93 -0.34 0.00	14.15 -0.37 0.00	9.48 -0.26 0.00	12.02 -0.33 0.00	15.76 -0.40 0.00	17.08 -0.40 0.00	19.64 -0.49 0.00	23.28 -0.48 0.00	22.59 -0.50 0.00	21.71 -0.58 0.00	21.98 -0.60 0.00	16.72 -0.49 0.00	16.29 -0.54 0.00	14.29 -0.42 0.00
ELEC_TRO_TEK 24086	16.63 1.03 0.00	17.65 1.03 0.00	15.24 0.90 0.00	14.60 0.83 0.00	15.45 0.93 0.00	16.10 1.03 0.00	23.50 1.58 0.00	22.49 1.76 0.00	19.86 1.64 0.00	18.54 1.60 0.00	17.81 1.55 0.00	15.75 1.23 0.00	10.60 0.85 0.00	13.27 0.91 0.00	17.45 1.29 0.00	18.91 1.44 0.00	21.87 1.74 0.00	26.05 2.28 0.00	25.25 2.16 0.00	24.27 1.99 0.00	24.53 1.95 0.00	18.80 1.48 -0.11	20.45 1.34 -2.28	15.77 1.06 0.00
ELLENBURG_WT_PWR 323604	15.61 0.00 0.00	16.70 0.09 0.00	14.10 -0.25 0.00	-18.20 -0.48 31.48	-21.05 -0.53 35.03	-21.05 -0.61 35.51	-13.74 -0.94 34.73	9.70 -0.93 10.11	-11.23 -0.84 28.60	-14.78 -0.94 30.78	-0.13 -0.97 15.42	13.84 -0.67 0.00	9.40 -0.35 0.00	11.87 -0.49 0.00	15.48 -0.68 0.00	16.69 -0.79 0.00	19.43 -0.70 0.00	22.69 -1.07 0.00	-8.30 -1.16 30.23	-21.05 -1.07 42.28	-21.05 -1.06 42.56	-21.08 -0.80 37.48	-14.98 -0.65 31.16	14.47 -0.24 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	12.26 -1.58 1.76	14.89 -1.72 0.00	12.95 -1.39 0.00	12.45 -1.31 0.00	13.07 -1.45 0.00	13.57 -1.50 0.00	20.02 -1.91 0.00	18.85 -1.89 0.00	16.66 -1.56 0.00	15.79 -1.16 0.00	15.37 -0.90 0.00	13.59 -0.93 0.00	9.13 -0.62 0.00	11.50 -0.86 0.00	14.94 -1.22 0.00	16.01 -1.47 0.00	18.38 -1.75 0.00	21.92 -1.85 0.00	21.17 -1.92 0.00	20.21 -2.08 0.00	20.58 -2.00 0.00	15.44 -1.77 0.00	14.99 -1.84 0.00	13.36 -1.35 0.00
EMPIRE_CC_1 323656	16.10 0.50 0.00	17.13 0.52 0.00	14.77 0.43 0.00	14.20 0.44 0.00	15.02 0.50 0.00	15.60 0.53 0.00	22.59 0.67 0.00	21.51 0.78 0.00	18.91 0.69 0.00	17.64 0.70 0.00	16.91 0.64 0.00	14.99 0.48 0.00	10.07 0.32 0.00	12.74 0.39 0.00	16.70 0.53 0.00	18.10 0.63 0.00	20.83 0.70 0.00	24.65 0.89 0.00	23.89 0.79 0.00	22.98 0.69 0.00	23.34 0.77 0.00	17.88 0.68 0.00	17.47 0.64 0.00	15.23 0.51 0.00
EMPIRE_CC_2 323658	16.10 0.50 0.00	17.13 0.52 0.00	14.77 0.43 0.00	14.20 0.44 0.00	15.02 0.50 0.00	15.60 0.53 0.00	22.59 0.67 0.00	21.51 0.78 0.00	18.91 0.69 0.00	17.64 0.70 0.00	16.91 0.64 0.00	14.99 0.48 0.00	10.07 0.32 0.00	12.74 0.39 0.00	16.70 0.53 0.00	18.10 0.63 0.00	20.83 0.70 0.00	24.65 0.89 0.00	23.89 0.79 0.00	22.98 0.69 0.00	23.34 0.77 0.00	17.88 0.68 0.00	17.47 0.64 0.00	15.23 0.51 0.00
ENORWICH_115KV_TB1 80156	19.49 0.30 -3.60	17.16 0.55 0.00	14.74 0.39 0.00	14.12 0.37 0.00	15.05 0.53 0.00	15.50 0.43 0.00	22.81 0.89 0.00	21.54 0.80 0.00	18.65 0.43 0.00	17.18 0.24 0.00	16.50 0.24 0.00	14.60 0.08 0.00	9.77 0.03 0.00	12.35 -0.01 0.00	16.40 0.24 0.00	17.87 0.40 0.00	20.70 0.57 0.00	24.72 0.95 0.00	24.07 0.98 0.00	23.12 0.83 0.00	23.41 0.83 0.00	17.69 0.48 0.00	17.22 0.39 0.00	15.17 0.46 0.00
ERIE_ST__34_KV_TB1-2 80199	12.83 -0.81 1.97	15.71 -0.90 0.00	13.64 -0.70 0.00	13.11 -0.65 0.00	13.79 -0.72 0.00	14.34 -0.73 0.00	21.09 -0.83 0.00	19.88 -0.85 0.00	17.54 -0.68 0.00	16.63 -0.32 0.00	16.20 -0.07 0.00	14.32 -0.20 0.00	9.63 -0.13 0.00	12.12 -0.24 0.00	15.79 -0.38 0.00	16.93 -0.54 0.00	19.46 -0.67 0.00	23.16 -0.60 0.00	22.34 -0.75 0.00	21.34 -0.95 0.00	21.70 -0.88 0.00	16.30 -0.91 0.00	15.88 -0.95 0.00	14.11 -0.60 0.00
ERIE_WT_PWR 323693	12.27 -1.49 1.85	15.00 -1.61 0.00	13.03 -1.31 0.00	12.52 -1.24 0.00	13.15 -1.36 0.00	13.65 -1.42 0.00	20.14 -1.78 0.00	18.98 -1.76 0.00	16.77 -1.45 0.00	15.89 -1.06 0.00	15.47 -0.79 0.00	13.69 -0.83 0.00	9.21 -0.54 0.00	11.56 -0.79 0.00	15.03 -1.13 0.00	16.10 -1.37 0.00	18.53 -1.60 0.00	22.10 -1.67 0.00	21.35 -1.74 0.00	20.37 -1.92 0.00	20.73 -1.84 0.00	15.53 -1.67 0.00	15.09 -1.74 0.00	13.44 -1.27 0.00
ESPRGFLD_115KV_TB1 80157	15.97 0.36 0.00	17.02 0.41 0.00	14.75 0.40 0.00	14.12 0.36 0.00	14.90 0.39 0.00	15.43 0.36 0.00	22.59 0.67 0.00	21.39 0.65 0.00	18.75 0.53 0.00	17.41 0.47 0.00	16.73 0.46 0.00	14.90 0.38 0.00	10.03 0.28 0.00	12.63 0.28 0.00	16.55 0.39 0.00	18.00 0.52 0.00	20.75 0.62 0.00	24.58 0.81 0.00	23.93 0.84 0.00	23.11 0.82 0.00	23.32 0.74 0.00	17.68 0.48 0.00	17.26 0.42 0.00	15.12 0.41 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.69 -0.15 -8.24	16.49 -0.12 0.00	14.24 -0.10 0.00	13.66 -0.10 0.00	14.44 -0.08 0.00	15.01 -0.06 0.00	21.97 0.04 0.00	20.82 0.08 0.00	18.18 -0.04 0.00	16.89 -0.06 0.00	16.25 -0.02 0.00	14.38 -0.14 0.00	9.62 -0.13 0.00	12.21 -0.15 0.00	16.11 -0.05 0.00	17.48 0.00 0.00	20.18 0.05 0.00	23.99 0.22 0.00	23.29 0.20 0.00	22.38 0.10 0.00	22.63 0.05 0.00	17.18 -0.03 0.00	16.73 -0.11 0.00	14.67 -0.05 0.00
ETNA____115KV_TB2 80207	23.69 -0.15 -8.24	16.49 -0.12 0.00	14.24 -0.10 0.00	13.66 -0.10 0.00	14.44 -0.08 0.00	15.01 -0.06 0.00	21.97 0.04 0.00	20.82 0.08 0.00	18.18 -0.04 0.00	16.89 -0.06 0.00	16.25 -0.02 0.00	14.38 -0.14 0.00	9.62 -0.13 0.00	12.21 -0.15 0.00	16.11 -0.05 0.00	17.48 0.00 0.00	20.18 0.05 0.00	23.99 0.22 0.00	23.29 0.20 0.00	22.38 0.10 0.00	22.63 0.05 0.00	17.18 -0.03 0.00	16.73 -0.11 0.00	14.67 -0.05 0.00
EUCLID__115KV_TB2 356179	14.99 -0.61 0.00	15.96 -0.65 0.00	13.80 -0.54 0.00	13.24 -0.52 0.00	13.94 -0.57 0.00	14.50 -0.57 0.00	21.15 -0.77 0.00	20.03 -0.70 0.00	17.59 -0.63 0.00	16.46 -0.48 0.00	15.86 -0.41 0.00	14.09 -0.43 0.00	9.45 -0.30 0.00	11.97 -0.39 0.00	15.67 -0.50 0.00	16.95 -0.52 0.00	19.50 -0.63 0.00	23.08 -0.68 0.00	22.40 -0.70 0.00	21.54 -0.75 0.00	21.82 -0.75 0.00	16.61 -0.60 0.00	16.19 -0.64 0.00	14.19 -0.52 0.00
E_CANADA_CAP_HY 24051	16.18 0.58 0.00	17.24 0.63 0.00	14.92 0.57 0.00	14.30 0.54 0.00	15.07 0.55 0.00	15.63 0.56 0.00	22.84 0.91 0.00	21.57 0.83 0.00	18.87 0.65 0.00	17.48 0.54 0.00	16.76 0.49 0.00	14.95 0.43 0.00	10.07 0.32 0.00	12.69 0.33 0.00	16.60 0.44 0.00	18.12 0.65 0.00	20.91 0.78 0.00	24.75 0.98 0.00	24.12 1.04 0.00	23.29 1.00 0.00	23.53 0.95 0.00	17.86 0.65 0.00	17.47 0.63 0.00	15.29 0.58 0.00
E_CANADA_MHWK_HY 24050	15.71 0.10 0.00	16.77 0.16 0.00	14.51 0.17 0.00	13.93 0.17 0.00	14.78 0.26 0.00	15.40 0.33 0.00	22.39 0.46 0.00	21.32 0.58 0.00	18.62 0.40 0.00	17.23 0.29 0.00	16.50 0.23 0.00	14.60 0.08 0.00	9.76 0.02 0.00	12.34 -0.02 0.00	16.22 0.06 0.00	17.70 0.22 0.00	20.47 0.35 0.00	24.37 0.61 0.00	23.69 0.60 0.00	22.78 0.49 0.00	23.13 0.55 0.00	17.67 0.47 0.00	17.34 0.37 -0.14	14.96 0.24 0.00
E_FISHKILL__LBMP 23776	16.33 0.73 0.00	17.33 0.72 0.00	14.97 0.63 0.00	14.37 0.61 0.00	15.19 0.67 0.00	15.83 0.75 0.00	23.08 1.16 0.00	22.07 1.34 0.00	19.48 1.26 0.00	18.20 1.25 0.00	17.42 1.15 0.00	15.41 0.89 0.00	10.37 0.61 0.00	13.04 0.68 0.00	17.10 0.94 0.00	18.55 1.07 0.00	21.42 1.30 0.00	25.47 1.70 0.00	24.69 1.60 0.00	23.71 1.42 0.00	23.97 1.40 0.00	18.28 1.07 0.00	17.78 0.95 0.00	15.48 0.77 0.00
FALCON__SEABRD_CC1 323796	15.70 0.09 0.00	16.80 0.19 0.00	14.20 -0.14 0.00	-18.38 -0.37 31.77	-21.25 -0.41 35.35	-21.25 -0.49 35.83	-13.89 -0.76 35.05	9.80 -0.73 10.20	-11.33 -0.68 28.87	-14.91 -0.80 31.06	-0.15 -0.85 15.57	13.91 -0.61 0.00	9.44 -0.30 0.00	11.93 -0.43 0.00	15.57 -0.60 0.00	16.78 -0.69 0.00	19.55 -0.58 0.00	22.81 -0.95 0.00	-8.47 -1.06 30.51	-21.27 -0.89 42.67	-21.29 -0.91 42.95	-21.29 -0.67 37.83	-15.15 -0.56 31.42	14.60 -0.11 0.00
FALCON__SEABRD_CC2 323797	15.70 0.09 0.00	16.80 0.19 0.00	14.20 -0.14 0.00	-18.38 -0.37 31.77	-21.25 -0.41 35.35	-21.25 -0.49 35.83	-13.89 -0.76 35.05	9.80 -0.73 10.20	-11.33 -0.68 28.87	-14.91 -0.80 31.06	-0.15 -0.85 15.57	13.91 -0.61 0.00	9.44 -0.30 0.00	11.93 -0.43 0.00	15.57 -0.60 0.00	16.78 -0.69 0.00	19.55 -0.58 0.00	22.81 -0.95 0.00	-8.47 -1.06 30.51	-21.27 -0.89 42.67	-21.29 -0.91 42.95	-21.29 -0.67 37.83	-15.15 -0.56 31.42	14.60 -0.11 0.00

FAR ROCKAWAY___4 23548	16.81 1.21 0.00	17.83 1.22 0.00	15.40 1.05 0.00	14.73 0.97 0.00	15.59 1.08 0.00	16.25 1.18 0.00	23.74 1.82 0.00	22.72 1.99 0.00	20.05 1.83 0.00	18.71 1.77 0.00	18.00 1.73 0.00	15.92 1.40 0.00	10.71 0.95 0.00	13.41 1.05 0.00	17.65 1.49 0.00	19.12 1.65 0.00	22.13 2.00 0.00	26.37 2.60 0.00	25.58 2.48 0.00	24.57 2.29 0.00	24.83 2.26 0.00	19.02 1.69 -0.11	20.65 1.54 -2.28	15.94 1.22 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	16.45 0.85 0.00	17.44 0.83 0.00	15.09 0.75 0.00	14.48 0.72 0.00	15.31 0.80 0.00	15.97 0.90 0.00	23.27 1.35 0.00	22.35 1.62 0.00	19.80 1.58 0.00	18.54 1.60 0.00	17.77 1.50 0.00	15.72 1.20 0.00	10.59 0.84 0.00	13.27 0.91 0.00	17.39 1.23 0.00	18.83 1.36 0.00	21.72 1.59 0.00	25.86 2.09 0.00	25.06 1.97 0.00	24.04 1.76 0.00	24.27 1.70 0.00	18.51 1.30 0.00	17.97 1.14 0.00	15.64 0.93 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	16.46 0.86 0.00	17.46 0.85 0.00	15.10 0.76 0.00	14.49 0.73 0.00	15.32 0.81 0.00	15.98 0.91 0.00	23.29 1.37 0.00	22.37 1.63 0.00	19.81 1.60 0.00	18.55 1.60 0.00	17.77 1.51 0.00	15.73 1.21 0.00	10.59 0.84 0.00	13.27 0.91 0.00	17.40 1.24 0.00	18.85 1.37 0.00	21.74 1.61 0.00	25.87 2.11 0.00	25.08 1.98 0.00	24.06 1.78 0.00	24.29 1.71 0.00	18.52 1.32 0.00	17.98 1.15 0.00	15.65 0.93 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	16.45 0.84 0.00	17.44 0.83 0.00	15.09 0.74 0.00	14.48 0.72 0.00	15.31 0.80 0.00	15.97 0.90 0.00	23.27 1.35 0.00	22.34 1.61 0.00	19.80 1.58 0.00	18.53 1.59 0.00	17.76 1.49 0.00	15.72 1.20 0.00	10.58 0.83 0.00	13.26 0.91 0.00	17.38 1.22 0.00	18.83 1.36 0.00	21.71 1.59 0.00	25.85 2.08 0.00	25.05 1.96 0.00	24.04 1.75 0.00	24.26 1.68 0.00	18.50 1.30 0.00	17.96 1.13 0.00	15.63 0.91 0.00
FARRAGUT___LBMP 323566	16.44 0.84 0.00	17.43 0.82 0.00	15.08 0.73 0.00	14.47 0.71 0.00	15.30 0.79 0.00	15.96 0.89 0.00	23.25 1.33 0.00	22.33 1.59 0.00	19.78 1.56 0.00	18.52 1.57 0.00	17.74 1.48 0.00	15.71 1.19 0.00	10.57 0.82 0.00	13.25 0.89 0.00	17.37 1.21 0.00	18.81 1.34 0.00	21.69 1.57 0.00	25.82 2.06 0.00	25.03 1.94 0.00	24.02 1.73 0.00	24.24 1.67 0.00	18.49 1.28 0.00	17.95 1.12 0.00	15.63 0.91 0.00
FENNER___WINDPWR 24204	15.71 0.11 0.00	16.71 0.10 0.00	14.45 0.11 0.00	13.88 0.12 0.00	14.64 0.13 0.00	15.25 0.18 0.00	22.30 0.37 0.00	21.10 0.36 0.00	18.42 0.20 0.00	17.06 0.11 0.00	16.36 0.10 0.00	14.56 0.05 0.00	9.76 0.01 0.00	12.37 0.01 0.00	16.22 0.06 0.00	17.64 0.16 0.00	20.43 0.30 0.00	24.24 0.47 0.00	23.53 0.44 0.00	22.67 0.38 0.00	22.90 0.33 0.00	17.41 0.20 0.00	16.97 0.13 0.00	14.83 0.11 0.00
FIBERTEK___ENERGY 23856	15.17 -0.43 0.00	16.16 -0.45 0.00	13.96 -0.38 0.00	13.40 -0.36 0.00	14.11 -0.40 0.00	14.68 -0.39 0.00	21.44 -0.49 0.00	20.28 -0.46 0.00	17.77 -0.45 0.00	16.59 -0.35 0.00	15.92 -0.35 0.00	14.14 -0.38 0.00	9.48 -0.27 0.00	12.01 -0.34 0.00	15.74 -0.42 0.00	17.11 -0.36 0.00	19.73 -0.40 0.00	23.40 -0.37 0.00	22.70 -0.39 0.00	21.82 -0.46 0.00	22.09 -0.48 0.00	16.81 -0.39 0.00	16.38 -0.45 0.00	14.36 -0.35 0.00
FITZPATRICK___ 23598	14.87 -0.73 0.00	15.84 -0.78 0.00	13.68 -0.66 0.00	13.13 -0.63 0.00	13.82 -0.70 0.00	14.36 -0.71 0.00	20.91 -1.01 0.00	19.80 -0.94 0.00	17.39 -0.82 0.00	16.29 -0.66 0.00	15.69 -0.58 0.00	13.95 -0.57 0.00	9.36 -0.39 0.00	11.86 -0.49 0.00	15.52 -0.64 0.00	16.77 -0.70 0.00	19.27 -0.86 0.00	22.78 -0.98 0.00	22.11 -0.98 0.00	21.29 -1.00 0.00	21.57 -1.00 0.00	16.44 -0.77 0.00	16.04 -0.79 0.00	14.07 -0.65 0.00
FLOWRFLD_69_KV_BK1 356044	16.83 1.23 0.00	17.88 1.27 0.00	15.46 1.11 0.00	14.79 1.03 0.00	17.96 1.15 -2.30	16.31 1.24 0.00	23.78 1.86 0.00	22.72 1.98 0.00	20.04 1.82 0.00	18.68 1.73 0.00	17.94 1.67 0.00	15.82 1.30 0.00	10.64 0.89 0.00	13.31 0.95 0.00	17.53 1.36 0.00	19.04 1.57 0.00	22.05 1.93 0.00	26.36 2.59 0.00	25.59 2.50 0.00	24.60 2.32 0.00	24.85 2.27 0.00	19.04 1.72 -0.11	20.71 1.61 -2.28	15.96 1.25 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	16.50 0.90 0.00	17.51 0.90 0.00	15.13 0.78 0.00	14.51 0.75 0.00	15.35 0.84 0.00	16.00 0.93 0.00	23.38 1.46 0.00	22.35 1.62 0.00	19.71 1.49 0.00	18.38 1.43 0.00	17.58 1.31 0.00	15.55 1.03 0.00	10.45 0.70 0.00	13.15 0.79 0.00	17.27 1.11 0.00	18.75 1.28 0.00	21.67 1.54 0.00	25.79 2.02 0.00	25.01 1.91 0.00	24.01 1.73 0.00	24.27 1.69 0.00	18.49 1.28 0.00	17.97 1.13 0.00	15.64 0.92 0.00
FORT ORANGE___ 23900	16.18 0.58 0.00	17.20 0.59 0.00	14.85 0.51 0.00	14.27 0.51 0.00	15.09 0.57 0.00	15.69 0.61 0.00	22.73 0.81 0.00	21.64 0.90 0.00	18.97 0.75 0.00	17.68 0.74 0.00	16.86 0.59 0.00	15.00 0.48 0.00	10.07 0.31 0.00	12.74 0.38 0.00	16.66 0.50 0.00	18.10 0.62 0.00	20.91 0.78 0.00	24.81 1.04 0.00	24.08 0.99 0.00	23.15 0.86 0.00	23.47 0.89 0.00	17.92 0.71 0.00	17.50 0.66 0.00	15.26 0.55 0.00
FORT_DRUM_COGEN 23780	14.87 -0.73 0.00	15.80 -0.81 0.00	13.72 -0.62 0.00	14.49 -0.62 -1.35	15.32 -0.69 -1.50	15.90 -0.68 -1.52	22.53 -0.87 -1.48	20.28 -0.89 -0.43	18.39 -1.05 -1.22	17.19 -1.07 -1.32	15.88 -1.04 -0.66	13.52 -1.00 0.00	9.05 -0.70 0.00	11.39 -0.97 0.00	14.93 -1.23 0.00	16.55 -0.92 0.00	19.11 -1.02 0.00	22.70 -1.06 0.00	23.49 -0.89 -1.29	23.14 -0.96 -1.81	23.37 -1.02 -1.82	17.94 -0.86 -1.60	16.68 -0.82 -0.68	14.03 -0.69 0.00
FOX_HILLS___ESR 323835	16.51 0.91 0.00	17.48 0.87 0.00	15.13 0.79 0.00	14.52 0.76 0.00	15.35 0.84 0.00	16.01 0.94 0.00	23.38 1.46 0.00	22.44 1.70 0.00	19.88 1.66 0.00	18.59 1.64 0.00	17.82 1.55 0.00	15.77 1.25 0.00	10.60 0.85 0.00	13.27 0.91 0.00	17.40 1.24 0.00	18.88 1.40 0.00	21.78 1.65 0.00	25.93 2.16 0.00	44.77 2.05 -19.64	138.70 1.84 -114.58	24.34 1.77 0.00	18.57 1.37 0.00	18.02 1.19 0.00	15.69 0.97 0.00
FPL_FAR_ROCK_GT1 24212	16.81 1.21 0.00	17.83 1.22 0.00	15.40 1.05 0.00	14.73 0.97 0.00	15.59 1.08 0.00	16.25 1.19 0.00	23.75 1.82 0.00	22.72 1.99 0.00	20.05 1.83 0.00	18.71 1.77 0.00	18.00 1.73 0.00	15.92 1.40 0.00	10.71 0.95 0.00	13.41 1.05 0.00	17.65 1.49 0.00	19.12 1.65 0.00	22.13 2.01 0.00	26.37 2.60 0.00	25.58 2.49 0.00	24.57 2.29 0.00	24.83 2.25 0.00	19.02 1.69 -0.11	20.65 1.54 -2.28	15.94 1.22 0.00
FPL_FAR_ROCK_GT2 23815	16.81 1.21 0.00	17.83 1.22 0.00	15.40 1.05 0.00	14.73 0.97 0.00	15.59 1.08 0.00	16.25 1.19 0.00	23.75 1.82 0.00	22.72 1.99 0.00	20.05 1.83 0.00	18.71 1.77 0.00	18.00 1.73 0.00	15.92 1.40 0.00	10.71 0.95 0.00	13.41 1.05 0.00	17.65 1.49 0.00	19.12 1.65 0.00	22.13 2.01 0.00	26.37 2.60 0.00	25.58 2.49 0.00	24.57 2.29 0.00	24.83 2.25 0.00	19.02 1.69 -0.11	20.65 1.54 -2.28	15.94 1.22 0.00

FRANKLIN_FALL_HYD 24054	15.83 0.22 0.00	16.92 0.31 0.00	14.36 0.01 0.00	35.39 -0.16 -21.79	38.56 -0.20 -24.24	39.35 -0.29 -24.57	45.48 -0.48 -24.03	27.22 -0.51 -6.99	37.52 -0.49 -19.79	37.59 -0.65 -21.29	26.23 -0.72 -10.67	14.05 -0.47 0.00	9.51 -0.24 0.00	12.03 -0.33 0.00	15.68 -0.48 0.00	16.91 -0.56 0.00	19.64 -0.48 0.00	23.06 -0.70 0.00	43.32 -0.70 -20.92	50.94 -0.60 -29.26	51.41 -0.61 -29.45	42.66 -0.47 -25.93	33.68 -0.31 -17.16	14.69 -0.03 0.00
FREEPORT_EQUS_GT1 23764	16.72 1.12 0.00	17.75 1.14 0.00	15.32 0.98 0.00	14.67 0.91 0.00	15.53 1.01 0.00	16.18 1.11 0.00	23.62 1.70 0.00	22.60 1.86 0.00	19.94 1.72 0.00	18.60 1.65 0.00	17.88 1.62 0.00	15.81 1.29 0.00	10.63 0.88 0.00	13.32 0.96 0.00	17.51 1.35 0.00	18.99 1.52 0.00	21.97 1.85 0.00	26.20 2.43 0.00	25.41 2.32 0.00	24.42 2.13 0.00	24.67 2.10 0.00	18.92 1.60 -0.11	20.56 1.45 -2.28	15.86 1.14 0.00
FREEPORT___CT2 23818	16.72 1.12 0.00	17.75 1.14 0.00	15.32 0.98 0.00	14.67 0.91 0.00	15.53 1.01 0.00	16.18 1.11 0.00	23.62 1.70 0.00	22.60 1.86 0.00	19.94 1.72 0.00	18.60 1.65 0.00	17.88 1.62 0.00	15.81 1.29 0.00	10.63 0.88 0.00	13.32 0.96 0.00	17.51 1.35 0.00	18.99 1.52 0.00	21.97 1.85 0.00	26.20 2.43 0.00	25.41 2.32 0.00	24.42 2.13 0.00	24.67 2.10 0.00	18.92 1.60 -0.11	20.56 1.45 -2.28	15.86 1.14 0.00
FRESHKLS_33_KV_LOAD 356253	16.50 0.90 0.00	17.46 0.85 0.00	15.12 0.77 0.00	14.50 0.74 0.00	15.34 0.82 0.00	16.00 0.93 0.00	23.37 1.45 0.00	22.42 1.68 0.00	19.84 1.63 0.00	18.54 1.60 0.00	17.78 1.51 0.00	15.72 1.20 0.00	10.57 0.82 0.00	13.22 0.87 0.00	17.35 1.19 0.00	18.82 1.35 0.00	21.72 1.59 0.00	25.87 2.10 0.00	44.72 1.99 -19.64	138.65 1.78 -114.58	24.30 1.72 0.00	18.54 1.33 0.00	18.00 1.16 0.00	15.66 0.95 0.00
FULTON COGEN____ 23766	14.95 -0.65 0.00	15.91 -0.70 0.00	13.76 -0.58 0.00	13.21 -0.55 0.00	13.90 -0.61 0.00	14.46 -0.60 0.00	21.09 -0.83 0.00	19.97 -0.76 0.00	17.52 -0.70 0.00	16.39 -0.55 0.00	15.79 -0.48 0.00	14.02 -0.50 0.00	9.41 -0.34 0.00	11.92 -0.43 0.00	15.60 -0.56 0.00	16.89 -0.59 0.00	19.43 -0.70 0.00	23.01 -0.76 0.00	22.32 -0.77 0.00	21.48 -0.80 0.00	21.76 -0.82 0.00	16.56 -0.64 0.00	16.14 -0.69 0.00	14.15 -0.57 0.00
FULTON___LFGE 323630	16.93 1.33 0.00	18.01 1.40 0.00	15.57 1.23 0.00	14.95 1.19 0.00	15.79 1.28 0.00	16.45 1.39 0.00	24.17 2.25 0.00	22.87 2.13 0.00	19.66 1.45 0.00	17.84 0.89 0.00	16.89 0.62 0.00	14.89 0.37 0.00	9.95 0.20 0.00	12.66 0.31 0.00	16.64 0.48 0.00	18.64 1.17 0.00	21.78 1.65 0.00	26.15 2.38 0.00	25.57 2.48 0.00	24.65 2.36 0.00	24.90 2.32 0.00	18.83 1.62 0.00	18.33 1.50 0.00	15.99 1.27 0.00
G.F.CEMENT___DRP 24184	16.40 0.79 0.00	17.49 0.87 0.00	15.07 0.73 0.00	14.48 0.72 0.00	15.34 0.82 0.00	15.99 0.92 0.00	23.37 1.45 0.00	22.20 1.46 0.00	19.38 1.16 0.00	17.89 0.94 0.00	17.13 0.87 0.00	15.27 0.75 0.00	10.21 0.47 0.00	12.90 0.54 0.00	16.97 0.81 0.00	18.55 1.08 0.00	21.49 1.36 0.00	25.42 1.65 0.00	24.64 1.55 0.00	23.76 1.47 0.00	24.08 1.51 0.00	18.37 1.17 0.00	17.89 1.06 0.00	15.52 0.81 0.00
GARDENVILLE___LBMP 24039	12.26 -1.54 1.80	14.94 -1.67 0.00	12.99 -1.35 0.00	12.49 -1.28 0.00	13.11 -1.41 0.00	13.62 -1.45 0.00	20.08 -1.84 0.00	18.92 -1.82 0.00	16.71 -1.51 0.00	15.83 -1.11 0.00	15.42 -0.85 0.00	13.63 -0.88 0.00	9.16 -0.59 0.00	11.52 -0.84 0.00	14.97 -1.19 0.00	16.04 -1.43 0.00	18.44 -1.69 0.00	22.01 -1.76 0.00	21.26 -1.83 0.00	20.28 -2.01 0.00	20.63 -1.94 0.00	15.48 -1.72 0.00	15.04 -1.79 0.00	13.41 -1.31 0.00
GARDNVLA_35_KV_LD 355827	12.24 -1.50 1.87	14.98 -1.63 0.00	13.03 -1.32 0.00	12.51 -1.25 0.00	13.14 -1.37 0.00	13.65 -1.42 0.00	20.13 -1.79 0.00	18.97 -1.76 0.00	16.78 -1.44 0.00	15.89 -1.05 0.00	15.48 -0.79 0.00	13.68 -0.84 0.00	9.19 -0.56 0.00	11.56 -0.79 0.00	15.02 -1.14 0.00	16.10 -1.37 0.00	18.51 -1.62 0.00	22.10 -1.67 0.00	21.35 -1.74 0.00	20.36 -1.92 0.00	20.73 -1.84 0.00	15.54 -1.66 0.00	15.09 -1.75 0.00	13.44 -1.28 0.00
GELCKHM___115KV_LOAD 80723	15.06 -0.54 0.00	16.04 -0.57 0.00	13.86 -0.48 0.00	13.30 -0.46 0.00	14.01 -0.51 0.00	14.57 -0.50 0.00	21.26 -0.66 0.00	20.12 -0.62 0.00	17.66 -0.56 0.00	16.51 -0.43 0.00	15.89 -0.38 0.00	14.10 -0.41 0.00	9.46 -0.29 0.00	11.99 -0.37 0.00	15.70 -0.46 0.00	17.01 -0.46 0.00	19.59 -0.54 0.00	23.21 -0.56 0.00	22.51 -0.58 0.00	21.65 -0.64 0.00	21.93 -0.65 0.00	16.69 -0.52 0.00	16.26 -0.57 0.00	14.26 -0.45 0.00
GENERAL___MILLS 23808	12.26 -1.49 1.85	14.99 -1.62 0.00	13.03 -1.32 0.00	12.52 -1.24 0.00	13.15 -1.37 0.00	13.65 -1.42 0.00	20.13 -1.79 0.00	18.97 -1.77 0.00	16.77 -1.45 0.00	15.89 -1.06 0.00	15.47 -0.80 0.00	13.68 -0.84 0.00	9.19 -0.56 0.00	11.56 -0.80 0.00	15.02 -1.14 0.00	16.10 -1.37 0.00	18.51 -1.62 0.00	22.08 -1.68 0.00	21.33 -1.76 0.00	20.34 -1.94 0.00	20.71 -1.87 0.00	15.54 -1.67 0.00	15.09 -1.75 0.00	13.44 -1.27 0.00
GE_PLASTICS___DRP 24183	16.07 0.47 0.00	17.10 0.48 0.00	14.76 0.42 0.00	14.18 0.41 0.00	14.98 0.47 0.00	15.57 0.50 0.00	22.60 0.68 0.00	21.51 0.77 0.00	18.89 0.67 0.00	17.61 0.67 0.00	16.83 0.57 0.00	14.96 0.45 0.00	10.05 0.30 0.00	12.71 0.35 0.00	16.63 0.47 0.00	18.04 0.57 0.00	20.83 0.70 0.00	24.68 0.92 0.00	23.94 0.85 0.00	23.03 0.75 0.00	23.35 0.77 0.00	17.82 0.61 0.00	17.40 0.57 0.00	15.18 0.47 0.00
GILBOA___1 23756	15.98 0.38 0.00	17.00 0.39 0.00	14.73 0.38 0.00	14.14 0.38 0.00	14.94 0.42 0.00	15.48 0.41 0.00	22.55 0.63 0.00	21.47 0.73 0.00	18.89 0.68 0.00	17.62 0.67 0.00	16.88 0.61 0.00	14.97 0.46 0.00	10.06 0.31 0.00	12.70 0.34 0.00	16.65 0.49 0.00	18.04 0.57 0.00	20.82 0.69 0.00	24.69 0.92 0.00	23.94 0.86 0.00	23.04 0.75 0.00	23.32 0.75 0.00	17.79 0.58 0.00	17.34 0.51 0.00	15.13 0.42 0.00
GILBOA___2 23757	15.98 0.38 0.00	17.00 0.39 0.00	14.73 0.38 0.00	14.14 0.38 0.00	14.94 0.42 0.00	15.48 0.41 0.00	22.55 0.63 0.00	21.47 0.73 0.00	18.89 0.68 0.00	17.62 0.67 0.00	16.88 0.61 0.00	14.97 0.46 0.00	10.06 0.31 0.00	12.70 0.34 0.00	16.65 0.49 0.00	18.04 0.57 0.00	20.82 0.69 0.00	24.69 0.92 0.00	23.94 0.86 0.00	23.04 0.75 0.00	23.32 0.75 0.00	17.79 0.58 0.00	17.34 0.51 0.00	15.13 0.42 0.00
GILBOA___3 23758	15.98 0.38 0.00	17.00 0.39 0.00	14.73 0.38 0.00	14.14 0.38 0.00	14.94 0.42 0.00	15.48 0.41 0.00	22.55 0.63 0.00	21.47 0.73 0.00	18.89 0.68 0.00	17.62 0.67 0.00	16.88 0.61 0.00	14.97 0.46 0.00	10.06 0.31 0.00	12.70 0.34 0.00	16.65 0.49 0.00	18.04 0.57 0.00	20.82 0.69 0.00	24.69 0.92 0.00	23.94 0.86 0.00	23.04 0.75 0.00	23.32 0.75 0.00	17.79 0.58 0.00	17.34 0.51 0.00	15.13 0.42 0.00

GILBOA___4 23759	15.98 0.38 0.00	17.00 0.39 0.00	14.73 0.38 0.00	14.14 0.38 0.00	14.94 0.42 0.00	15.48 0.41 0.00	22.55 0.63 0.00	21.47 0.73 0.00	18.89 0.68 0.00	17.62 0.67 0.00	16.88 0.61 0.00	14.97 0.46 0.00	10.06 0.31 0.00	12.70 0.34 0.00	16.65 0.49 0.00	18.04 0.57 0.00	20.82 0.69 0.00	24.69 0.92 0.00	23.94 0.86 0.00	23.04 0.75 0.00	23.32 0.75 0.00	17.79 0.58 0.00	17.34 0.51 0.00	15.13 0.42 0.00
GILBOA____ 23599	15.98 0.38 0.00	17.00 0.39 0.00	14.73 0.38 0.00	14.14 0.38 0.00	14.94 0.42 0.00	15.48 0.41 0.00	22.55 0.63 0.00	21.47 0.73 0.00	18.89 0.68 0.00	17.62 0.67 0.00	16.88 0.61 0.00	14.97 0.46 0.00	10.06 0.31 0.00	12.70 0.34 0.00	16.65 0.49 0.00	18.04 0.57 0.00	20.82 0.69 0.00	24.69 0.92 0.00	23.94 0.85 0.00	23.04 0.75 0.00	23.33 0.75 0.00	17.79 0.58 0.00	17.34 0.51 0.00	15.13 0.42 0.00
GINNA____ 23603	12.82 -1.63 1.15	14.86 -1.75 0.00	12.86 -1.48 0.00	12.36 -1.40 0.00	13.02 -1.50 0.00	13.55 -1.52 0.00	19.88 -2.04 0.00	18.79 -1.94 0.00	16.51 -1.71 0.00	15.50 -1.44 0.00	14.97 -1.30 0.00	13.26 -1.26 0.00	8.91 -0.84 0.00	11.31 -1.04 0.00	14.78 -1.38 0.00	15.93 -1.54 0.00	18.30 -1.83 0.00	21.74 -2.02 0.00	21.07 -2.02 0.00	20.20 -2.09 0.00	20.51 -2.07 0.00	15.48 -1.72 0.00	15.04 -1.79 0.00	13.24 -1.47 0.00
GLEN PARK____ 23778	14.92 -0.68 0.00	15.85 -0.76 0.00	13.76 -0.58 0.00	14.46 -0.58 -1.28	15.29 -0.64 -1.42	15.88 -0.63 -1.44	22.56 -0.77 -1.41	20.36 -0.79 -0.41	18.38 -1.00 -1.16	17.14 -1.05 -1.25	15.85 -1.04 -0.63	13.50 -1.02 0.00	9.04 -0.71 0.00	11.37 -0.99 0.00	14.92 -1.25 0.00	16.56 -0.91 0.00	19.17 -0.96 0.00	22.81 -0.96 0.00	23.54 -0.77 -1.23	23.15 -0.85 -1.71	23.38 -0.92 -1.73	17.93 -0.79 -1.52	16.70 -0.78 -0.64	14.06 -0.65 0.00
GLENDALE_27_KV_LOAD 356172	16.54 0.94 0.00	17.51 0.90 0.00	15.17 0.83 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.40 1.48 0.00	22.47 1.74 0.00	19.93 1.71 0.00	18.64 1.70 0.00	17.88 1.61 0.00	15.83 1.32 0.00	10.66 0.90 0.00	13.36 1.00 0.00	17.49 1.33 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.01 2.25 0.00	25.22 2.13 0.00	24.19 1.90 0.00	24.40 1.83 0.00	18.61 1.40 0.00	18.05 1.22 0.00	15.73 1.01 0.00
GLENWOOD_IC_1_G5 23712	16.72 1.12 0.00	17.74 1.12 0.00	15.32 0.97 0.00	14.67 0.91 0.00	15.53 1.01 0.00	16.18 1.11 0.00	23.63 1.71 0.00	22.62 1.89 0.00	19.97 1.75 0.00	18.65 1.70 0.00	17.92 1.65 0.00	15.84 1.33 0.00	10.66 0.90 0.00	13.35 0.99 0.00	17.55 1.39 0.00	19.03 1.55 0.00	21.99 1.87 0.00	26.11 2.34 0.00	25.24 2.15 0.00	24.42 2.13 0.00	24.67 2.09 0.00	18.91 1.59 -0.11	20.55 1.44 -2.28	15.85 1.13 0.00
GLENWOOD_IC_2_G1 23688	16.67 1.07 0.00	17.69 1.08 0.00	15.28 0.93 0.00	14.63 0.87 0.00	15.48 0.97 0.00	16.14 1.07 0.00	23.56 1.64 0.00	22.55 1.81 0.00	19.91 1.69 0.00	18.59 1.65 0.00	17.86 1.60 0.00	15.79 1.27 0.00	10.63 0.88 0.00	13.31 0.95 0.00	17.50 1.34 0.00	18.97 1.50 0.00	21.93 1.80 0.00	26.11 2.34 0.00	25.28 2.19 0.00	24.34 2.05 0.00	24.59 2.01 0.00	18.85 1.53 -0.11	20.49 1.39 -2.28	15.81 1.09 0.00
GLENWOOD_IC_3_G1 23689	16.67 1.07 0.00	17.69 1.08 0.00	15.28 0.93 0.00	14.63 0.87 0.00	15.48 0.97 0.00	16.14 1.07 0.00	23.56 1.64 0.00	22.55 1.81 0.00	19.91 1.69 0.00	18.59 1.65 0.00	17.86 1.60 0.00	15.79 1.27 0.00	10.63 0.88 0.00	13.31 0.95 0.00	17.50 1.34 0.00	18.97 1.50 0.00	21.93 1.80 0.00	26.11 2.34 0.00	25.28 2.19 0.00	24.34 2.05 0.00	24.59 2.01 0.00	18.85 1.53 -0.11	20.49 1.39 -2.28	15.81 1.09 0.00
GLENWOOD___4 23550	16.72 1.12 0.00	17.74 1.12 0.00	15.32 0.97 0.00	14.67 0.91 0.00	15.53 1.01 0.00	16.18 1.11 0.00	23.63 1.71 0.00	22.62 1.89 0.00	19.97 1.75 0.00	18.65 1.70 0.00	17.92 1.65 0.00	15.84 1.33 0.00	10.66 0.90 0.00	13.35 0.99 0.00	17.55 1.39 0.00	19.03 1.55 0.00	22.00 1.87 0.00	26.14 2.38 0.00	25.29 2.20 0.00	24.42 2.13 0.00	24.67 2.09 0.00	18.91 1.59 -0.11	20.55 1.44 -2.28	15.85 1.13 0.00
GLENWOOD___5 23614	16.72 1.12 0.00	17.74 1.12 0.00	15.32 0.97 0.00	14.67 0.91 0.00	15.53 1.01 0.00	16.18 1.11 0.00	23.63 1.71 0.00	22.62 1.89 0.00	19.97 1.75 0.00	18.65 1.70 0.00	17.92 1.65 0.00	15.84 1.33 0.00	10.66 0.90 0.00	13.35 0.99 0.00	17.55 1.39 0.00	19.03 1.55 0.00	22.00 1.87 0.00	26.14 2.38 0.00	25.29 2.20 0.00	24.42 2.13 0.00	24.67 2.09 0.00	18.91 1.59 -0.11	20.55 1.44 -2.28	15.85 1.13 0.00
GLOBAL GREEN_PORT_GT1 23814	17.19 1.59 0.00	18.33 1.72 0.00	15.87 1.52 0.00	15.19 1.42 0.00	87.99 1.58 -71.89	16.76 1.69 0.00	24.35 2.43 0.00	23.19 2.46 0.00	20.31 2.09 0.00	18.79 1.84 0.00	17.97 1.71 0.00	15.81 1.29 0.00	10.63 0.87 0.00	13.25 0.89 0.00	17.45 1.29 0.00	19.00 1.53 0.00	22.09 1.97 0.00	26.51 2.75 0.00	25.79 2.70 0.00	24.79 2.51 0.00	25.10 2.52 0.00	19.32 2.00 -0.11	20.90 1.79 -2.28	16.06 1.34 0.00
GLOBE___DSASP 323697	11.96 -2.01 1.63	14.45 -2.16 0.00	12.58 -1.76 0.00	12.10 -1.66 0.00	12.71 -1.81 0.00	13.19 -1.88 0.00	19.44 -2.48 0.00	18.23 -2.51 0.00	16.14 -2.08 0.00	15.31 -1.64 0.00	14.90 -1.37 0.00	13.18 -1.34 0.00	8.88 -0.87 0.00	11.19 -1.17 0.00	14.50 -1.66 0.00	15.47 -2.00 0.00	17.69 -2.44 0.00	21.07 -2.70 0.00	20.36 -2.74 0.00	19.44 -2.85 0.00	19.84 -2.73 0.00	14.89 -2.31 0.00	14.47 -2.36 0.00	13.02 -1.70 0.00
GOETHSLN___LBMP 323567	16.37 0.77 0.00	17.36 0.75 0.00	15.02 0.67 0.00	14.42 0.66 0.00	15.24 0.73 0.00	15.90 0.83 0.00	23.15 1.23 0.00	22.23 1.50 0.00	19.70 1.48 0.00	18.45 1.51 0.00	17.68 1.41 0.00	15.65 1.13 0.00	10.54 0.79 0.00	13.20 0.84 0.00	17.31 1.15 0.00	18.75 1.28 0.00	21.61 1.48 0.00	25.73 1.96 0.00	24.93 1.84 0.00	23.93 1.64 0.00	24.14 1.57 0.00	18.43 1.22 0.00	17.89 1.05 0.00	15.57 0.86 0.00
GOLAH___69_KV_TB 1_2 80279	13.29 -1.05 1.26	15.46 -1.15 0.00	13.40 -0.94 0.00	12.88 -0.88 0.00	13.55 -0.96 0.00	14.10 -0.97 0.00	20.74 -1.18 0.00	19.57 -1.17 0.00	17.21 -1.01 0.00	16.19 -0.76 0.00	15.66 -0.60 0.00	13.86 -0.66 0.00	9.32 -0.43 0.00	11.82 -0.54 0.00	15.43 -0.73 0.00	16.61 -0.86 0.00	19.08 -1.05 0.00	22.68 -1.08 0.00	21.96 -1.13 0.00	21.03 -1.26 0.00	21.37 -1.21 0.00	16.09 -1.11 0.00	15.63 -1.21 0.00	13.81 -0.91 0.00
GOODYEAR_LAKE_HYD 323669	15.93 0.32 0.00	16.97 0.35 0.00	14.70 0.36 0.00	14.07 0.32 0.00	14.89 0.37 0.00	15.42 0.35 0.00	22.56 0.63 0.00	21.43 0.70 0.00	18.81 0.59 0.00	17.51 0.57 0.00	16.83 0.56 0.00	14.95 0.43 0.00	10.04 0.29 0.00	12.65 0.29 0.00	16.59 0.43 0.00	18.01 0.53 0.00	20.77 0.64 0.00	24.63 0.87 0.00	23.94 0.85 0.00	23.07 0.79 0.00	23.31 0.73 0.00	17.70 0.50 0.00	17.25 0.42 0.00	15.10 0.38 0.00

GOUDEY___7 235031	14.77 -0.33 0.50	16.31 -0.30 0.00	14.12 -0.22 0.00	13.52 -0.24 0.00	14.31 -0.20 0.00	14.85 -0.22 0.00	21.70 -0.22 0.00	20.60 -0.14 0.00	18.04 -0.18 0.00	16.87 -0.07 0.00	16.30 0.03 0.00	14.43 -0.09 0.00	9.64 -0.11 0.00	12.20 -0.16 0.00	16.01 -0.15 0.00	17.34 -0.14 0.00	20.01 -0.12 0.00	23.74 -0.03 0.00	23.02 -0.07 0.00	22.14 -0.14 0.00	22.38 -0.19 0.00	17.01 -0.19 0.00	16.59 -0.25 0.00	14.56 -0.15 0.00
GOUDEY___7 23579	14.78 -0.33 0.50	16.33 -0.29 0.00	14.13 -0.21 0.00	13.53 -0.23 0.00	14.32 -0.19 0.00	14.87 -0.20 0.00	21.72 -0.21 0.00	20.62 -0.12 0.00	18.06 -0.16 0.00	16.89 -0.06 0.00	16.31 0.04 0.00	14.44 -0.08 0.00	9.65 -0.11 0.00	12.21 -0.15 0.00	16.03 -0.13 0.00	17.35 -0.12 0.00	20.02 -0.10 0.00	23.76 0.00 0.00	23.04 -0.05 0.00	22.16 -0.12 0.00	22.41 -0.17 0.00	17.03 -0.17 0.00	16.60 -0.23 0.00	14.57 -0.14 0.00
GOUDEY___8 23580	14.77 -0.33 0.50	16.31 -0.30 0.00	14.12 -0.22 0.00	13.52 -0.24 0.00	14.31 -0.20 0.00	14.85 -0.22 0.00	21.70 -0.22 0.00	20.60 -0.14 0.00	18.04 -0.18 0.00	16.87 -0.07 0.00	16.30 0.03 0.00	14.43 -0.09 0.00	9.64 -0.11 0.00	12.20 -0.16 0.00	16.01 -0.15 0.00	17.34 -0.14 0.00	20.01 -0.12 0.00	23.74 -0.03 0.00	23.02 -0.07 0.00	22.14 -0.14 0.00	22.38 -0.19 0.00	17.01 -0.19 0.00	16.59 -0.25 0.00	14.56 -0.15 0.00
GOWANUS_GT1_1 24077	16.54 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.78 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.82 1.30 0.00	10.65 0.89 0.00	13.33 0.97 0.00	17.47 1.31 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT1_2 24078	16.54 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.78 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.82 1.30 0.00	10.65 0.89 0.00	13.33 0.97 0.00	17.47 1.31 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT1_3 24079	16.54 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.78 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.82 1.30 0.00	10.65 0.89 0.00	13.33 0.97 0.00	17.47 1.31 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT1_4 24080	16.54 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.78 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.82 1.30 0.00	10.65 0.89 0.00	13.33 0.97 0.00	17.47 1.31 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT1_5 24084	16.54 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.78 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.82 1.30 0.00	10.65 0.89 0.00	13.33 0.97 0.00	17.47 1.31 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT1_6 24111	16.54 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.78 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.82 1.30 0.00	10.65 0.89 0.00	13.33 0.97 0.00	17.47 1.31 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT1_7 24112	16.54 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.78 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.82 1.30 0.00	10.65 0.89 0.00	13.33 0.97 0.00	17.47 1.31 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT1_8 24113	16.54 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.78 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.82 1.30 0.00	10.65 0.89 0.00	13.33 0.97 0.00	17.47 1.31 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT2_1 24114	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT2_2 24115	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT2_3 24116	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT2_4 24117	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00

GOWANUS_GT2_5 24118	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT2_6 24119	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT2_7 24120	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT2_8 24121	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT3_1 24122	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT3_2 24123	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT3_3 24124	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT3_4 24125	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT3_5 24126	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT3_6 24127	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT3_7 24128	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT3_8 24129	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT4_1 24130	16.54 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.78 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.82 1.30 0.00	10.65 0.89 0.00	13.33 0.97 0.00	17.47 1.31 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT4_2 24131	16.54 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.78 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.82 1.30 0.00	10.65 0.89 0.00	13.33 0.97 0.00	17.47 1.31 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT4_3 24132	16.54 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.78 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.82 1.30 0.00	10.65 0.89 0.00	13.33 0.97 0.00	17.47 1.31 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00

GOWANUS_GT4_4 24133	16.54 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.78 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.82 1.30 0.00	10.65 0.89 0.00	13.33 0.97 0.00	17.47 1.31 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT4_5 24134	16.54 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.78 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.82 1.30 0.00	10.65 0.89 0.00	13.33 0.97 0.00	17.47 1.31 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT4_6 24135	16.54 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.78 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.82 1.30 0.00	10.65 0.89 0.00	13.33 0.97 0.00	17.47 1.31 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT4_7 24136	16.54 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.78 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.82 1.30 0.00	10.65 0.89 0.00	13.33 0.97 0.00	17.47 1.31 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GOWANUS_GT4_8 24137	16.54 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.78 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.82 1.30 0.00	10.65 0.89 0.00	13.33 0.97 0.00	17.47 1.31 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GREENBSH_115KV_TB3 55895	16.09 0.49 0.00	17.11 0.50 0.00	14.77 0.42 0.00	14.19 0.43 0.00	15.00 0.49 0.00	15.60 0.53 0.00	22.58 0.66 0.00	21.51 0.78 0.00	18.89 0.67 0.00	17.64 0.69 0.00	16.82 0.56 0.00	14.97 0.46 0.00	10.06 0.30 0.00	12.72 0.36 0.00	16.63 0.47 0.00	18.04 0.57 0.00	20.81 0.68 0.00	24.66 0.89 0.00	23.92 0.83 0.00	23.00 0.71 0.00	23.33 0.76 0.00	17.82 0.62 0.00	17.41 0.58 0.00	15.19 0.48 0.00
GREENDGE_115KV_TB5 80291	7.47 -0.68 7.46	16.00 -0.62 0.00	13.82 -0.52 0.00	13.25 -0.51 0.00	14.07 -0.45 0.00	14.58 -0.49 0.00	21.38 -0.54 0.00	20.29 -0.45 0.00	17.66 -0.55 0.00	16.48 -0.46 0.00	15.92 -0.35 0.00	14.04 -0.47 0.00	9.35 -0.40 0.00	11.89 -0.47 0.00	15.69 -0.48 0.00	17.02 -0.45 0.00	19.67 -0.46 0.00	23.31 -0.46 0.00	22.62 -0.47 0.00	21.83 -0.46 0.00	21.99 -0.58 0.00	16.65 -0.55 0.00	16.23 -0.60 0.00	14.29 -0.43 0.00
GREENIDGE___3 23582	7.47 -0.68 7.46	16.00 -0.62 0.00	13.82 -0.52 0.00	13.25 -0.51 0.00	14.07 -0.45 0.00	14.58 -0.49 0.00	21.38 -0.54 0.00	20.29 -0.45 0.00	17.66 -0.55 0.00	16.48 -0.46 0.00	15.92 -0.35 0.00	14.04 -0.47 0.00	9.35 -0.40 0.00	11.89 -0.47 0.00	15.69 -0.48 0.00	17.02 -0.45 0.00	19.67 -0.46 0.00	23.31 -0.46 0.00	22.62 -0.47 0.00	21.83 -0.46 0.00	21.99 -0.58 0.00	16.65 -0.55 0.00	16.23 -0.60 0.00	14.29 -0.43 0.00
GREENIDGE___4 23583	7.46 -0.68 7.46	15.99 -0.62 0.00	13.82 -0.52 0.00	13.25 -0.51 0.00	14.07 -0.45 0.00	14.58 -0.49 0.00	21.38 -0.54 0.00	20.29 -0.45 0.00	17.66 -0.55 0.00	16.48 -0.46 0.00	15.92 -0.35 0.00	14.04 -0.48 0.00	9.36 -0.40 0.00	11.89 -0.47 0.00	15.69 -0.48 0.00	17.02 -0.45 0.00	19.67 -0.46 0.00	23.31 -0.46 0.00	22.62 -0.47 0.00	21.83 -0.46 0.00	21.99 -0.58 0.00	16.65 -0.55 0.00	16.23 -0.60 0.00	14.29 -0.43 0.00
GREENLWN_69_KV_BK 3 55738	16.67 1.06 0.00	17.70 1.08 0.00	15.28 0.93 0.00	14.63 0.87 0.00	15.48 0.97 0.00	16.12 1.06 0.00	23.51 1.59 0.00	22.47 1.74 0.00	19.84 1.62 0.00	18.52 1.57 0.00	17.81 1.54 0.00	15.74 1.22 0.00	10.59 0.84 0.00	13.25 0.90 0.00	17.44 1.28 0.00	18.92 1.44 0.00	21.88 1.75 0.00	26.07 2.30 0.00	25.26 2.17 0.00	24.28 2.00 0.00	24.54 1.97 0.00	18.83 1.50 -0.11	20.48 1.37 -2.28	15.79 1.08 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	16.54 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.78 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.82 1.30 0.00	10.65 0.89 0.00	13.33 0.97 0.00	17.47 1.31 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
GRISSOM___SOLAR 323813	16.93 1.33 0.00	18.01 1.40 0.00	15.57 1.23 0.00	14.95 1.19 0.00	15.79 1.28 0.00	16.45 1.39 0.00	24.17 2.25 0.00	22.87 2.13 0.00	19.66 1.45 0.00	17.84 0.89 0.00	16.89 0.62 0.00	14.89 0.37 0.00	9.95 0.20 0.00	12.66 0.31 0.00	16.64 0.48 0.00	18.64 1.17 0.00	21.78 1.65 0.00	26.15 2.38 0.00	25.57 2.48 0.00	24.65 2.36 0.00	24.90 2.32 0.00	18.83 1.62 0.00	18.33 1.50 0.00	15.99 1.27 0.00
GROVEVILLE___HYD 323602	16.50 0.90 0.00	17.51 0.90 0.00	15.13 0.78 0.00	14.51 0.75 0.00	15.35 0.84 0.00	16.00 0.93 0.00	23.38 1.46 0.00	22.35 1.62 0.00	19.71 1.49 0.00	18.38 1.43 0.00	17.58 1.31 0.00	15.55 1.03 0.00	10.45 0.70 0.00	13.15 0.79 0.00	17.27 1.11 0.00	18.75 1.28 0.00	21.67 1.54 0.00	25.79 2.02 0.00	25.01 1.91 0.00	24.01 1.73 0.00	24.27 1.69 0.00	18.49 1.28 0.00	17.97 1.13 0.00	15.64 0.92 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	15.17 -0.43 0.00	16.16 -0.45 0.00	13.96 -0.38 0.00	13.40 -0.36 0.00	14.11 -0.40 0.00	14.68 -0.39 0.00	21.44 -0.49 0.00	20.28 -0.46 0.00	17.77 -0.45 0.00	16.59 -0.35 0.00	15.92 -0.35 0.00	14.14 -0.38 0.00	9.48 -0.27 0.00	12.01 -0.34 0.00	15.74 -0.42 0.00	17.11 -0.36 0.00	19.73 -0.40 0.00	23.40 -0.37 0.00	22.70 -0.39 0.00	21.82 -0.46 0.00	22.09 -0.48 0.00	16.81 -0.39 0.00	16.38 -0.45 0.00	14.36 -0.35 0.00
HAMLTNNY_34_KV_TB 80303	15.18 -0.42 0.00	16.17 -0.44 0.00	13.96 -0.38 0.00	13.40 -0.36 0.00	14.11 -0.40 0.00	14.69 -0.38 0.00	21.47 -0.45 0.00	20.33 -0.41 0.00	17.82 -0.40 0.00	16.63 -0.31 0.00	16.01 -0.25 0.00	14.22 -0.30 0.00	9.53 -0.22 0.00	12.08 -0.28 0.00	15.85 -0.31 0.00	17.17 -0.30 0.00	19.78 -0.35 0.00	23.45 -0.32 0.00	22.75 -0.34 0.00	21.85 -0.44 0.00	22.12 -0.46 0.00	16.81 -0.39 0.00	16.38 -0.45 0.00	14.37 -0.35 0.00

HAMPSHIRE___PAPER_HYD 323593	15.28 -0.32 0.00	16.27 -0.34 0.00	14.06 -0.29 0.00	16.79 -0.30 -3.33	17.87 -0.35 -3.71	18.38 -0.45 -3.76	24.89 -0.71 -3.68	21.04 -0.76 -1.07	20.44 -0.80 -3.03	19.34 -0.86 -3.26	17.03 -0.87 -1.63	13.79 -0.72 0.00	9.26 -0.49 0.00	11.71 -0.65 0.00	15.33 -0.83 0.00	16.73 -0.75 0.00	19.23 -0.90 0.00	22.81 -0.96 0.00	25.47 -0.82 -3.20	25.98 -0.78 -4.48	26.24 -0.84 -4.51	20.49 -0.68 -3.97	17.92 -0.48 -1.57	14.39 -0.32 0.00
HARDSCRABBLE_WT_PWR 323673	15.57 -0.03 0.00	16.66 0.04 0.00	14.43 0.08 0.00	13.85 0.09 0.00	14.68 0.16 0.00	15.27 0.20 0.00	22.16 0.24 0.00	21.07 0.34 0.00	18.44 0.22 0.00	17.09 0.15 0.00	16.38 0.11 0.00	14.53 0.00 0.00	9.74 -0.01 0.00	12.32 -0.04 0.00	16.18 0.01 0.00	17.63 0.16 0.00	20.32 0.19 0.00	24.12 0.35 0.00	23.46 0.37 0.00	22.59 0.30 0.00	22.96 0.38 0.00	17.54 0.33 0.00	17.24 0.27 -0.14	14.89 0.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	16.36 0.76 0.00	17.36 0.74 0.00	15.00 0.66 0.00	14.39 0.63 0.00	15.22 0.70 0.00	15.86 0.79 0.00	23.19 1.26 0.00	22.18 1.44 0.00	19.58 1.36 0.00	18.27 1.33 0.00	17.49 1.23 0.00	15.49 0.97 0.00	10.42 0.67 0.00	13.09 0.73 0.00	17.19 1.03 0.00	18.65 1.18 0.00	21.55 1.43 0.00	25.66 1.89 0.00	24.86 1.77 0.00	23.88 1.59 0.00	24.11 1.53 0.00	18.36 1.15 0.00	17.84 1.00 0.00	15.53 0.81 0.00
HARSNRAD_115KV_TB1 81005	12.29 -1.71 1.60	14.70 -1.91 0.00	12.79 -1.56 0.00	12.31 -1.45 0.00	12.92 -1.60 0.00	13.42 -1.65 0.00	19.80 -2.12 0.00	18.60 -2.14 0.00	16.44 -1.78 0.00	15.58 -1.37 0.00	15.15 -1.11 0.00	13.40 -1.12 0.00	9.02 -0.73 0.00	11.36 -1.00 0.00	14.77 -1.40 0.00	15.84 -1.63 0.00	18.15 -1.98 0.00	21.64 -2.13 0.00	20.90 -2.19 0.00	19.95 -2.33 0.00	20.35 -2.23 0.00	15.26 -1.95 0.00	14.81 -2.03 0.00	13.20 -1.51 0.00
HARZA MOOSE___RIVER 24016	15.41 -0.19 0.00	16.39 -0.22 0.00	14.21 -0.13 0.00	14.57 -0.13 -0.94	15.41 -0.15 -1.05	16.00 -0.14 -1.06	22.85 -0.11 -1.04	20.90 -0.14 -0.30	18.81 -0.26 -0.85	17.55 -0.31 -0.92	16.42 -0.30 -0.46	14.22 -0.29 0.00	9.53 -0.22 0.00	12.03 -0.33 0.00	15.78 -0.38 0.00	17.26 -0.22 0.00	19.88 -0.24 0.00	23.58 -0.19 0.00	23.87 -0.12 -0.90	23.37 -0.17 -1.26	23.62 -0.22 -1.27	18.11 -0.22 -1.12	17.20 -0.19 -0.55	14.59 -0.12 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	15.05 -0.55 0.00	16.03 -0.58 0.00	13.86 -0.48 0.00	13.30 -0.46 0.00	14.01 -0.51 0.00	14.57 -0.50 0.00	21.26 -0.66 0.00	20.14 -0.60 0.00	17.68 -0.54 0.00	16.54 -0.40 0.00	15.94 -0.33 0.00	14.15 -0.37 0.00	9.49 -0.26 0.00	12.02 -0.33 0.00	15.75 -0.42 0.00	17.04 -0.43 0.00	19.60 -0.53 0.00	23.22 -0.55 0.00	22.52 -0.58 0.00	21.66 -0.63 0.00	21.94 -0.64 0.00	16.69 -0.51 0.00	16.26 -0.57 0.00	14.26 -0.45 0.00
HELLGATE_13_KV_LD 55870	16.48 0.87 0.00	17.45 0.84 0.00	15.12 0.77 0.00	14.50 0.74 0.00	15.33 0.82 0.00	15.99 0.92 0.00	23.29 1.37 0.00	22.37 1.64 0.00	19.83 1.62 0.00	18.56 1.61 0.00	17.79 1.52 0.00	15.75 1.23 0.00	10.60 0.86 0.00	13.30 0.94 0.00	17.41 1.24 0.00	18.85 1.37 0.00	21.75 1.62 0.00	25.88 2.11 0.00	25.09 2.00 0.00	24.06 1.77 0.00	24.28 1.71 0.00	18.52 1.31 0.00	17.97 1.14 0.00	15.66 0.95 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	16.48 0.87 0.00	17.45 0.84 0.00	15.12 0.77 0.00	14.50 0.74 0.00	15.33 0.82 0.00	15.99 0.92 0.00	23.29 1.37 0.00	22.37 1.64 0.00	19.83 1.62 0.00	18.56 1.61 0.00	17.79 1.52 0.00	15.75 1.23 0.00	10.60 0.86 0.00	13.30 0.94 0.00	17.41 1.24 0.00	18.85 1.37 0.00	21.75 1.62 0.00	25.88 2.11 0.00	25.09 2.00 0.00	24.06 1.77 0.00	24.28 1.71 0.00	18.52 1.31 0.00	17.97 1.14 0.00	15.66 0.95 0.00
HEMPSTEAD____ 23647	16.66 1.05 0.00	17.68 1.07 0.00	15.27 0.92 0.00	14.62 0.85 0.00	15.47 0.96 0.00	16.13 1.06 0.00	23.54 1.62 0.00	22.53 1.79 0.00	19.89 1.67 0.00	18.56 1.62 0.00	17.84 1.57 0.00	15.77 1.25 0.00	10.61 0.86 0.00	13.29 0.93 0.00	17.47 1.31 0.00	18.94 1.47 0.00	21.91 1.78 0.00	26.08 2.32 0.00	25.27 2.18 0.00	24.32 2.04 0.00	24.57 1.99 0.00	18.84 1.52 -0.11	20.48 1.37 -2.28	15.79 1.08 0.00
HEWLETT__69_KV_BK3 55828	16.75 1.15 0.00	17.76 1.15 0.00	15.34 0.99 0.00	14.68 0.92 0.00	15.54 1.02 0.00	16.19 1.12 0.00	23.64 1.72 0.00	22.62 1.89 0.00	19.97 1.75 0.00	18.64 1.69 0.00	17.92 1.66 0.00	15.86 1.34 0.00	10.67 0.91 0.00	13.36 1.00 0.00	17.58 1.41 0.00	19.04 1.57 0.00	22.03 1.90 0.00	26.25 2.48 0.00	25.45 2.36 0.00	24.45 2.16 0.00	24.71 2.14 0.00	18.93 1.61 -0.11	20.58 1.47 -2.28	15.87 1.16 0.00
HICKLING___1 23621	7.29 -0.70 7.61	16.01 -0.60 0.00	13.87 -0.47 0.00	13.26 -0.50 0.00	14.12 -0.40 0.00	14.63 -0.44 0.00	21.40 -0.52 0.00	20.31 -0.43 0.00	17.71 -0.50 0.00	16.60 -0.35 0.00	16.13 -0.14 0.00	14.21 -0.31 0.00	9.42 -0.33 0.00	11.95 -0.41 0.00	15.75 -0.41 0.00	17.07 -0.40 0.00	19.74 -0.38 0.00	23.42 -0.34 0.00	22.75 -0.34 0.00	21.92 -0.36 0.00	22.03 -0.55 0.00	16.71 -0.49 0.00	16.29 -0.54 0.00	14.36 -0.35 0.00
HICKLING___2 23622	7.29 -0.70 7.61	16.01 -0.60 0.00	13.87 -0.47 0.00	13.26 -0.50 0.00	14.12 -0.40 0.00	14.63 -0.44 0.00	21.40 -0.52 0.00	20.31 -0.43 0.00	17.71 -0.50 0.00	16.60 -0.35 0.00	16.13 -0.14 0.00	14.21 -0.31 0.00	9.42 -0.33 0.00	11.95 -0.41 0.00	15.75 -0.41 0.00	17.07 -0.40 0.00	19.74 -0.38 0.00	23.42 -0.34 0.00	22.75 -0.34 0.00	21.92 -0.36 0.00	22.03 -0.55 0.00	16.71 -0.49 0.00	16.29 -0.54 0.00	14.36 -0.35 0.00
HIGH FALLS___HY 23754	16.45 0.84 0.00	17.44 0.83 0.00	15.09 0.74 0.00	14.46 0.70 0.00	15.30 0.79 0.00	15.96 0.89 0.00	23.38 1.46 0.00	22.39 1.65 0.00	19.74 1.52 0.00	18.34 1.40 0.00	17.52 1.26 0.00	15.43 0.91 0.00	10.32 0.57 0.00	12.91 0.56 0.00	17.04 0.88 0.00	18.53 1.06 0.00	21.42 1.29 0.00	25.51 1.74 0.00	24.73 1.64 0.00	23.78 1.49 0.00	24.23 1.65 0.00	18.46 1.26 0.00	17.92 1.08 0.00	15.58 0.87 0.00
HILLBURN___GT 23639	16.36 0.76 0.00	17.35 0.74 0.00	14.99 0.65 0.00	14.39 0.63 0.00	15.21 0.70 0.00	15.85 0.78 0.00	23.18 1.26 0.00	22.20 1.47 0.00	19.62 1.40 0.00	18.33 1.39 0.00	17.57 1.30 0.00	15.56 1.04 0.00	10.47 0.72 0.00	13.13 0.77 0.00	17.23 1.06 0.00	18.67 1.20 0.00	21.56 1.44 0.00	25.68 1.91 0.00	24.88 1.78 0.00	23.88 1.60 0.00	24.11 1.53 0.00	18.36 1.16 0.00	17.84 1.01 0.00	15.53 0.82 0.00
HILLSIDE_115KV_TB1 80332	7.73 -0.79 7.08	15.91 -0.70 0.00	13.80 -0.55 0.00	13.18 -0.58 0.00	14.02 -0.50 0.00	14.53 -0.54 0.00	21.24 -0.68 0.00	20.18 -0.56 0.00	17.61 -0.61 0.00	16.51 -0.43 0.00	16.04 -0.22 0.00	14.15 -0.38 0.00	9.39 -0.36 0.00	11.90 -0.45 0.00	15.65 -0.51 0.00	16.95 -0.52 0.00	19.59 -0.54 0.00	23.25 -0.52 0.00	22.55 -0.54 0.00	21.71 -0.57 0.00	21.87 -0.70 0.00	16.62 -0.58 0.00	16.20 -0.63 0.00	14.27 -0.44 0.00

HISHELDN_WT_PWR 323625	12.04 -1.81 1.76	14.64 -1.97 0.00	12.71 -1.64 0.00	12.23 -1.53 0.00	12.85 -1.67 0.00	13.31 -1.76 0.00	19.65 -2.27 0.00	18.52 -2.22 0.00	16.40 -1.82 0.00	15.53 -1.42 0.00	15.17 -1.10 0.00	13.42 -1.10 0.00	9.00 -0.76 0.00	11.25 -1.11 0.00	14.61 -1.55 0.00	15.67 -1.81 0.00	18.13 -2.00 0.00	21.73 -2.04 0.00	20.90 -2.19 0.00	19.87 -2.42 0.00	20.21 -2.36 0.00	15.14 -2.07 0.00	14.72 -2.11 0.00	13.14 -1.57 0.00
HOLTSVILLE_IC_1 23690	16.80 1.20 0.00	17.86 1.25 0.00	15.44 1.09 0.00	14.77 1.01 0.00	15.64 1.12 0.00	16.28 1.21 0.00	23.73 1.80 0.00	22.64 1.91 0.00	19.97 1.76 0.00	18.62 1.67 0.00	17.88 1.61 0.00	15.77 1.25 0.00	10.61 0.86 0.00	13.26 0.90 0.00	17.45 1.29 0.00	18.95 1.47 0.00	21.94 1.82 0.00	26.22 2.45 0.00	25.46 2.37 0.00	24.49 2.20 0.00	24.74 2.16 0.00	18.98 1.66 -0.11	20.67 1.56 -2.28	15.93 1.22 0.00
HOLTSVILLE_IC_10 23699	16.87 1.27 0.00	17.93 1.32 0.00	15.50 1.16 0.00	14.83 1.07 0.00	11.22 1.19 4.48	16.35 1.28 0.00	23.83 1.91 0.00	22.75 2.02 0.00	20.07 1.85 0.00	18.70 1.76 0.00	17.96 1.69 0.00	15.83 1.31 0.00	10.65 0.90 0.00	13.31 0.95 0.00	17.52 1.36 0.00	19.03 1.56 0.00	22.06 1.93 0.00	26.37 2.60 0.00	25.61 2.52 0.00	24.64 2.35 0.00	24.88 2.31 0.00	19.08 1.76 -0.11	20.76 1.65 -2.28	16.00 1.29 0.00
HOLTSVILLE_IC_2 23691	16.80 1.20 0.00	17.86 1.25 0.00	15.44 1.09 0.00	14.77 1.01 0.00	15.64 1.12 0.00	16.28 1.21 0.00	23.73 1.80 0.00	22.64 1.91 0.00	19.97 1.76 0.00	18.62 1.67 0.00	17.88 1.61 0.00	15.77 1.25 0.00	10.61 0.86 0.00	13.26 0.90 0.00	17.45 1.29 0.00	18.95 1.47 0.00	21.94 1.82 0.00	26.22 2.45 0.00	25.46 2.37 0.00	24.49 2.20 0.00	24.74 2.16 0.00	18.98 1.66 -0.11	20.67 1.56 -2.28	15.93 1.22 0.00
HOLTSVILLE_IC_3 23692	16.80 1.20 0.00	17.86 1.25 0.00	15.44 1.09 0.00	14.77 1.01 0.00	15.64 1.12 0.00	16.28 1.21 0.00	23.73 1.80 0.00	22.64 1.91 0.00	19.97 1.76 0.00	18.62 1.67 0.00	17.88 1.61 0.00	15.77 1.25 0.00	10.61 0.86 0.00	13.26 0.90 0.00	17.45 1.29 0.00	18.95 1.47 0.00	21.94 1.82 0.00	26.22 2.45 0.00	25.46 2.37 0.00	24.49 2.20 0.00	24.74 2.16 0.00	18.98 1.66 -0.11	20.67 1.56 -2.28	15.93 1.22 0.00
HOLTSVILLE_IC_4 23693	16.80 1.20 0.00	17.86 1.25 0.00	15.44 1.09 0.00	14.77 1.01 0.00	15.64 1.12 0.00	16.28 1.21 0.00	23.73 1.80 0.00	22.64 1.91 0.00	19.97 1.76 0.00	18.62 1.67 0.00	17.88 1.61 0.00	15.77 1.25 0.00	10.61 0.86 0.00	13.26 0.90 0.00	17.45 1.29 0.00	18.95 1.47 0.00	21.94 1.82 0.00	26.22 2.45 0.00	25.46 2.37 0.00	24.49 2.20 0.00	24.74 2.16 0.00	18.98 1.66 -0.11	20.67 1.56 -2.28	15.93 1.22 0.00
HOLTSVILLE_IC_5 23694	16.80 1.20 0.00	17.86 1.25 0.00	15.44 1.09 0.00	14.77 1.01 0.00	15.64 1.12 0.00	16.28 1.21 0.00	23.73 1.80 0.00	22.64 1.91 0.00	19.97 1.76 0.00	18.62 1.67 0.00	17.88 1.61 0.00	15.77 1.25 0.00	10.61 0.86 0.00	13.26 0.90 0.00	17.45 1.29 0.00	18.95 1.47 0.00	21.94 1.82 0.00	26.22 2.45 0.00	25.46 2.37 0.00	24.49 2.20 0.00	24.74 2.16 0.00	18.98 1.66 -0.11	20.67 1.56 -2.28	15.93 1.22 0.00
HOLTSVILLE_IC_6 23695	16.87 1.27 0.00	17.93 1.32 0.00	15.50 1.16 0.00	14.83 1.07 0.00	11.22 1.19 4.48	16.35 1.28 0.00	23.83 1.91 0.00	22.75 2.02 0.00	20.07 1.85 0.00	18.70 1.76 0.00	17.96 1.69 0.00	15.83 1.31 0.00	10.65 0.90 0.00	13.31 0.95 0.00	17.52 1.36 0.00	19.03 1.56 0.00	22.06 1.93 0.00	26.37 2.60 0.00	25.61 2.52 0.00	24.64 2.35 0.00	24.88 2.31 0.00	19.08 1.76 -0.11	20.76 1.65 -2.28	16.00 1.29 0.00
HOLTSVILLE_IC_7 23696	16.87 1.27 0.00	17.93 1.32 0.00	15.50 1.16 0.00	14.83 1.07 0.00	11.22 1.19 4.48	16.35 1.28 0.00	23.83 1.91 0.00	22.75 2.02 0.00	20.07 1.85 0.00	18.70 1.76 0.00	17.96 1.69 0.00	15.83 1.31 0.00	10.65 0.90 0.00	13.31 0.95 0.00	17.52 1.36 0.00	19.03 1.56 0.00	22.06 1.93 0.00	26.37 2.60 0.00	25.61 2.52 0.00	24.64 2.35 0.00	24.88 2.31 0.00	19.08 1.76 -0.11	20.76 1.65 -2.28	16.00 1.29 0.00
HOLTSVILLE_IC_8 23697	16.87 1.27 0.00	17.93 1.32 0.00	15.50 1.16 0.00	14.83 1.07 0.00	11.22 1.19 4.48	16.35 1.28 0.00	23.83 1.91 0.00	22.75 2.02 0.00	20.07 1.85 0.00	18.70 1.76 0.00	17.96 1.69 0.00	15.83 1.31 0.00	10.65 0.90 0.00	13.31 0.95 0.00	17.52 1.36 0.00	19.03 1.56 0.00	22.06 1.93 0.00	26.37 2.60 0.00	25.61 2.52 0.00	24.64 2.35 0.00	24.88 2.31 0.00	19.08 1.76 -0.11	20.76 1.65 -2.28	16.00 1.29 0.00
HOLTSVILLE_IC_9 23698	16.87 1.27 0.00	17.93 1.32 0.00	15.50 1.16 0.00	14.83 1.07 0.00	11.22 1.19 4.48	16.35 1.28 0.00	23.83 1.91 0.00	22.75 2.02 0.00	20.07 1.85 0.00	18.70 1.76 0.00	17.96 1.69 0.00	15.83 1.31 0.00	10.65 0.90 0.00	13.31 0.95 0.00	17.52 1.36 0.00	19.03 1.56 0.00	22.06 1.93 0.00	26.37 2.60 0.00	25.61 2.52 0.00	24.64 2.35 0.00	24.88 2.31 0.00	19.08 1.76 -0.11	20.76 1.65 -2.28	16.00 1.29 0.00
HOMER_HL_115KV_TB2 355744	12.14 -0.75 2.71	15.81 -0.80 0.00	13.73 -0.61 0.00	13.21 -0.55 0.00	13.91 -0.61 0.00	14.40 -0.68 0.00	21.11 -0.81 0.00	19.96 -0.78 0.00	17.61 -0.61 0.00	16.80 -0.14 0.00	16.42 0.16 0.00	14.48 -0.03 0.00	9.71 -0.04 0.00	12.17 -0.19 0.00	15.82 -0.34 0.00	16.99 -0.49 0.00	19.54 -0.58 0.00	23.20 -0.56 0.00	22.35 -0.75 0.00	21.34 -0.95 0.00	21.65 -0.93 0.00	16.31 -0.89 0.00	16.01 -0.82 0.00	14.23 -0.48 0.00
HOWARD_WT_PWR 323690	7.00 -1.38 7.22	15.66 -0.95 0.00	13.39 -0.95 0.00	12.89 -0.87 0.00	13.95 -0.57 0.00	14.08 -1.00 0.00	20.59 -1.33 0.00	19.53 -1.21 0.00	16.98 -1.24 0.00	15.95 -0.99 0.00	15.58 -0.69 0.00	13.66 -0.86 0.00	8.94 -0.81 0.00	11.27 -1.09 0.00	15.13 -1.03 0.00	16.52 -0.95 0.00	19.08 -1.05 0.00	22.43 -1.34 0.00	21.85 -1.24 0.00	21.21 -1.08 0.00	21.07 -1.51 0.00	15.99 -1.22 0.00	15.85 -0.98 0.00	14.07 -0.64 0.00
HQ_GEN_CEDARS 23644	15.80 0.20 0.00	16.85 0.24 0.00	14.50 0.16 0.00	15.30 0.13 -1.41	16.19 0.11 -1.57	16.69 0.03 -1.58	23.34 -0.13 -1.55	20.95 -0.24 -0.45	19.29 -0.21 -1.28	18.04 -0.27 -1.38	16.55 -0.40 -0.69	14.30 -0.22 0.00	9.62 -0.14 0.00	12.23 -0.13 0.00	15.97 -0.19 0.00	17.22 -0.25 0.00	19.80 -0.32 0.00	23.44 -0.33 0.00	24.21 -0.24 -1.35	24.04 -0.13 -1.89	24.31 -0.17 -1.90	18.67 -0.21 -1.67	15.50 -0.03 1.30	14.82 0.11 0.00
HQ_GEN_CEDARS_PROXY 323590	15.80 0.20 0.00	16.85 0.24 0.00	14.50 0.16 0.00	15.30 0.13 -1.41	16.19 0.11 -1.57	16.69 0.03 -1.58	23.34 -0.13 -1.55	20.95 -0.24 -0.45	19.29 -0.21 -1.28	18.04 -0.27 -1.38	16.55 -0.40 -0.69	14.30 -0.22 0.00	9.62 -0.14 0.00	12.23 -0.13 0.00	15.97 -0.19 0.00	17.22 -0.25 0.00	19.80 -0.32 0.00	23.44 -0.33 0.00	24.20 -0.24 -1.35	24.04 -0.13 -1.89	24.31 -0.17 -1.90	18.67 -0.21 -1.67	15.50 -0.03 1.30	14.82 0.11 0.00

HQ_GEN_IMPORT 323601	15.67 0.07 0.00	16.70 0.09 0.00	14.40 0.05 0.00	13.79 0.03 0.00	14.54 0.03 0.00	15.07 0.00 0.00	21.87 -0.05 0.00	20.56 -0.17 0.00	18.06 -0.16 0.00	16.69 -0.25 0.00	16.01 -0.25 0.00	14.41 -0.11 0.00	9.68 -0.07 0.00	12.31 -0.04 0.00	16.07 -0.10 0.00	17.32 -0.15 0.00	19.94 -0.18 0.00	23.43 -0.33 0.00	22.82 -0.27 0.00	23.07 -0.16 -0.94	22.42 -0.16 0.00	17.08 -0.13 0.00	16.49 -0.04 0.30	14.70 -0.02 0.00
HQ_GEN_WHEEL 23651	15.67 0.07 0.00	16.70 0.09 0.00	14.40 0.05 0.00	13.79 0.03 0.00	14.54 0.03 0.00	15.07 0.00 0.00	21.87 -0.05 0.00	20.56 -0.17 0.00	18.06 -0.16 0.00	16.69 -0.25 0.00	16.01 -0.25 0.00	14.41 -0.11 0.00	9.68 -0.07 0.00	12.31 -0.04 0.00	16.07 -0.10 0.00	17.32 -0.15 0.00	19.94 -0.18 0.00	23.43 -0.33 0.00	22.82 -0.27 0.00	23.07 -0.16 -0.94	22.42 -0.16 0.00	17.08 -0.13 0.00	16.49 -0.04 0.30	14.70 -0.02 0.00
HUDSON AVE_GT_3 23810	16.47 0.86 0.00	17.46 0.85 0.00	15.10 0.76 0.00	14.49 0.73 0.00	15.33 0.81 0.00	15.98 0.91 0.00	23.29 1.37 0.00	22.37 1.63 0.00	19.82 1.60 0.00	18.56 1.61 0.00	17.79 1.52 0.00	15.74 1.22 0.00	10.59 0.85 0.00	13.28 0.92 0.00	17.40 1.24 0.00	18.85 1.37 0.00	21.74 1.61 0.00	25.88 2.11 0.00	25.08 1.99 0.00	24.08 1.79 0.00	24.30 1.72 0.00	18.53 1.32 0.00	17.99 1.15 0.00	15.65 0.94 0.00
HUDSON AVE_GT_4 23540	16.47 0.86 0.00	17.46 0.85 0.00	15.10 0.76 0.00	14.49 0.73 0.00	15.33 0.81 0.00	15.98 0.91 0.00	23.29 1.37 0.00	22.37 1.63 0.00	19.82 1.60 0.00	18.56 1.61 0.00	17.79 1.52 0.00	15.74 1.22 0.00	10.59 0.85 0.00	13.28 0.92 0.00	17.40 1.24 0.00	18.85 1.37 0.00	21.74 1.61 0.00	25.88 2.11 0.00	25.08 1.99 0.00	24.08 1.79 0.00	24.30 1.72 0.00	18.53 1.32 0.00	17.99 1.15 0.00	15.65 0.94 0.00
HUDSON AVE_GT_5 23657	16.47 0.86 0.00	17.46 0.85 0.00	15.10 0.76 0.00	14.49 0.73 0.00	15.33 0.81 0.00	15.98 0.91 0.00	23.29 1.37 0.00	22.37 1.63 0.00	19.82 1.60 0.00	18.56 1.61 0.00	17.79 1.52 0.00	15.74 1.22 0.00	10.59 0.85 0.00	13.28 0.92 0.00	17.40 1.24 0.00	18.85 1.37 0.00	21.74 1.61 0.00	25.88 2.11 0.00	25.08 1.99 0.00	24.08 1.79 0.00	24.30 1.72 0.00	18.53 1.32 0.00	17.99 1.15 0.00	15.65 0.94 0.00
HUDSON_AVE_10 24168	16.43 0.83 0.00	17.41 0.80 0.00	15.06 0.72 0.00	14.45 0.69 0.00	15.29 0.77 0.00	15.94 0.87 0.00	23.22 1.30 0.00	22.31 1.58 0.00	19.77 1.56 0.00	18.52 1.57 0.00	17.73 1.47 0.00	15.69 1.18 0.00	10.57 0.82 0.00	13.25 0.89 0.00	17.36 1.20 0.00	18.80 1.32 0.00	21.69 1.56 0.00	25.82 2.05 0.00	25.03 1.94 0.00	24.01 1.72 0.00	24.23 1.66 0.00	18.49 1.28 0.00	17.94 1.10 0.00	15.61 0.90 0.00
HUDSON___115KV_TB 4 355613	16.39 0.79 0.00	17.43 0.82 0.00	15.05 0.71 0.00	14.46 0.70 0.00	15.30 0.78 0.00	15.92 0.85 0.00	23.12 1.20 0.00	21.98 1.24 0.00	19.17 0.95 0.00	17.78 0.84 0.00	16.94 0.67 0.00	15.05 0.53 0.00	10.10 0.35 0.00	12.78 0.42 0.00	16.74 0.58 0.00	18.25 0.78 0.00	21.17 1.05 0.00	25.18 1.42 0.00	24.47 1.38 0.00	23.52 1.23 0.00	23.82 1.25 0.00	18.16 0.96 0.00	17.72 0.88 0.00	15.45 0.73 0.00
HUNTER MOUNT___DRP 323613	16.48 0.88 0.00	17.54 0.93 0.00	15.14 0.80 0.00	14.56 0.80 0.00	15.40 0.88 0.00	16.02 0.95 0.00	23.27 1.35 0.00	22.10 1.36 0.00	19.22 1.01 0.00	17.78 0.83 0.00	16.92 0.65 0.00	15.03 0.52 0.00	10.09 0.34 0.00	12.79 0.43 0.00	16.75 0.58 0.00	18.29 0.81 0.00	21.28 1.15 0.00	25.33 1.56 0.00	24.63 1.53 0.00	23.65 1.36 0.00	23.94 1.37 0.00	18.25 1.04 0.00	17.80 0.97 0.00	15.52 0.80 0.00
HUNTINGTON_RES_REC 323705	16.76 1.16 0.00	17.80 1.19 0.00	15.38 1.03 0.00	14.71 0.96 0.00	15.58 1.06 0.00	16.23 1.16 0.00	23.66 1.74 0.00	22.60 1.87 0.00	19.95 1.73 0.00	18.59 1.65 0.00	17.87 1.60 0.00	15.77 1.25 0.00	10.61 0.86 0.00	13.28 0.92 0.00	17.47 1.30 0.00	18.98 1.50 0.00	21.97 1.84 0.00	26.22 2.46 0.00	25.45 2.36 0.00	24.46 2.17 0.00	24.71 2.13 0.00	18.95 1.63 -0.11	20.61 1.50 -2.28	15.89 1.17 0.00
HUNTLEY___63 23557	12.31 -1.61 1.69	14.85 -1.76 0.00	12.92 -1.43 0.00	12.42 -1.34 0.00	13.05 -1.47 0.00	13.56 -1.51 0.00	20.00 -1.93 0.00	18.78 -1.96 0.00	16.62 -1.59 0.00	15.73 -1.21 0.00	15.33 -0.94 0.00	13.56 -0.96 0.00	9.12 -0.63 0.00	11.50 -0.86 0.00	14.93 -1.23 0.00	15.97 -1.50 0.00	18.31 -1.82 0.00	21.84 -1.93 0.00	21.10 -1.99 0.00	20.14 -2.15 0.00	20.53 -2.04 0.00	15.39 -1.82 0.00	14.95 -1.89 0.00	13.36 -1.36 0.00
HUNTLEY___64 23558	12.31 -1.61 1.69	14.85 -1.76 0.00	12.92 -1.43 0.00	12.42 -1.34 0.00	13.05 -1.47 0.00	13.56 -1.51 0.00	20.00 -1.93 0.00	18.78 -1.96 0.00	16.62 -1.59 0.00	15.73 -1.21 0.00	15.33 -0.94 0.00	13.56 -0.96 0.00	9.12 -0.63 0.00	11.50 -0.86 0.00	14.93 -1.23 0.00	15.97 -1.50 0.00	18.31 -1.82 0.00	21.84 -1.93 0.00	21.10 -1.99 0.00	20.14 -2.15 0.00	20.53 -2.04 0.00	15.39 -1.82 0.00	14.95 -1.89 0.00	13.36 -1.36 0.00
HUNTLEY___65 23559	12.31 -1.61 1.69	14.85 -1.76 0.00	12.92 -1.43 0.00	12.42 -1.34 0.00	13.05 -1.47 0.00	13.56 -1.51 0.00	20.00 -1.93 0.00	18.78 -1.96 0.00	16.62 -1.59 0.00	15.73 -1.21 0.00	15.33 -0.94 0.00	13.56 -0.96 0.00	9.12 -0.63 0.00	11.50 -0.86 0.00	14.93 -1.23 0.00	15.97 -1.50 0.00	18.31 -1.82 0.00	21.84 -1.93 0.00	21.10 -1.99 0.00	20.14 -2.15 0.00	20.53 -2.04 0.00	15.39 -1.82 0.00	14.95 -1.89 0.00	13.36 -1.36 0.00
HUNTLEY___66 23560	12.31 -1.61 1.69	14.85 -1.76 0.00	12.92 -1.43 0.00	12.42 -1.34 0.00	13.05 -1.47 0.00	13.56 -1.51 0.00	20.00 -1.93 0.00	18.78 -1.96 0.00	16.62 -1.59 0.00	15.73 -1.21 0.00	15.33 -0.94 0.00	13.56 -0.96 0.00	9.12 -0.63 0.00	11.50 -0.86 0.00	14.93 -1.23 0.00	15.97 -1.50 0.00	18.31 -1.82 0.00	21.84 -1.93 0.00	21.10 -1.99 0.00	20.14 -2.15 0.00	20.53 -2.04 0.00	15.39 -1.82 0.00	14.95 -1.89 0.00	13.36 -1.36 0.00
HUNTLEY___67 23561	12.21 -1.68 1.72	14.79 -1.83 0.00	12.86 -1.49 0.00	12.36 -1.40 0.00	12.98 -1.53 0.00	13.48 -1.59 0.00	19.87 -2.06 0.00	18.70 -2.04 0.00	16.53 -1.68 0.00	15.67 -1.27 0.00	15.25 -1.01 0.00	13.48 -1.04 0.00	9.07 -0.68 0.00	11.42 -0.94 0.00	14.84 -1.33 0.00	15.90 -1.57 0.00	18.23 -1.90 0.00	21.73 -2.04 0.00	21.00 -2.09 0.00	20.05 -2.24 0.00	20.43 -2.15 0.00	15.33 -1.88 0.00	14.89 -1.95 0.00	13.27 -1.44 0.00
HUNTLEY___68 23562	12.21 -1.68 1.72	14.79 -1.83 0.00	12.86 -1.49 0.00	12.36 -1.40 0.00	12.98 -1.53 0.00	13.48 -1.59 0.00	19.87 -2.06 0.00	18.70 -2.04 0.00	16.53 -1.68 0.00	15.67 -1.27 0.00	15.25 -1.01 0.00	13.48 -1.04 0.00	9.07 -0.68 0.00	11.42 -0.94 0.00	14.84 -1.33 0.00	15.90 -1.57 0.00	18.23 -1.90 0.00	21.73 -2.04 0.00	21.00 -2.09 0.00	20.05 -2.24 0.00	20.43 -2.15 0.00	15.33 -1.88 0.00	14.89 -1.95 0.00	13.27 -1.44 0.00

HYLAND___LFGE 323620	10.58 -0.61 4.42	16.10 -0.51 0.00	13.92 -0.43 0.00	13.36 -0.40 0.00	14.20 -0.31 0.00	14.71 -0.36 0.00	21.70 -0.22 0.00	20.55 -0.19 0.00	17.61 -0.60 0.00	16.38 -0.57 0.00	15.82 -0.44 0.00	13.85 -0.66 0.00	9.23 -0.52 0.00	11.78 -0.58 0.00	15.79 -0.37 0.00	17.20 -0.28 0.00	19.84 -0.28 0.00	23.66 -0.10 0.00	23.10 0.01 0.00	22.24 -0.05 0.00	22.34 -0.23 0.00	16.82 -0.39 0.00	16.39 -0.44 0.00	14.45 -0.26 0.00
INDECK___CORINTH 23802	16.30 0.70 0.00	17.37 0.76 0.00	14.98 0.63 0.00	14.39 0.63 0.00	15.24 0.72 0.00	15.89 0.82 0.00	23.22 1.30 0.00	22.06 1.32 0.00	19.27 1.05 0.00	17.80 0.85 0.00	17.06 0.79 0.00	15.23 0.72 0.00	10.17 0.42 0.00	12.82 0.47 0.00	16.87 0.71 0.00	18.44 0.96 0.00	21.35 1.22 0.00	25.26 1.50 0.00	24.50 1.41 0.00	23.62 1.33 0.00	23.93 1.35 0.00	18.25 1.04 0.00	17.77 0.93 0.00	15.42 0.71 0.00
INDECK___ILION 23567	15.72 0.12 0.00	16.76 0.15 0.00	14.49 0.14 0.00	13.90 0.14 0.00	14.71 0.19 0.00	15.30 0.22 0.00	22.26 0.34 0.00	21.14 0.41 0.00	18.52 0.30 0.00	17.19 0.25 0.00	16.48 0.22 0.00	14.64 0.12 0.00	9.81 0.06 0.00	12.42 0.06 0.00	16.28 0.12 0.00	17.69 0.22 0.00	20.42 0.29 0.00	24.21 0.45 0.00	23.52 0.43 0.00	22.65 0.37 0.00	22.97 0.39 0.00	17.52 0.31 0.00	17.23 0.26 -0.14	14.90 0.18 0.00
INDECK___OLEAN 23982	12.12 -0.77 2.71	15.81 -0.81 0.00	13.73 -0.61 0.00	13.21 -0.56 0.00	13.91 -0.61 0.00	14.39 -0.68 0.00	21.12 -0.81 0.00	19.96 -0.78 0.00	17.61 -0.61 0.00	16.80 -0.14 0.00	16.42 0.15 0.00	14.48 -0.03 0.00	9.71 -0.04 0.00	12.17 -0.19 0.00	15.82 -0.34 0.00	16.99 -0.49 0.00	19.54 -0.58 0.00	23.21 -0.56 0.00	22.35 -0.74 0.00	21.34 -0.94 0.00	21.66 -0.91 0.00	16.31 -0.89 0.00	16.01 -0.82 0.00	14.23 -0.48 0.00
INDECK___OSWEGO 23783	14.89 -0.71 0.00	15.85 -0.76 0.00	13.71 -0.63 0.00	13.15 -0.61 0.00	13.84 -0.67 0.00	14.39 -0.67 0.00	20.98 -0.95 0.00	19.86 -0.87 0.00	17.43 -0.79 0.00	16.31 -0.63 0.00	15.71 -0.56 0.00	13.95 -0.56 0.00	9.36 -0.39 0.00	11.85 -0.51 0.00	15.51 -0.65 0.00	16.81 -0.67 0.00	19.31 -0.82 0.00	22.86 -0.90 0.00	22.19 -0.90 0.00	21.36 -0.92 0.00	21.64 -0.94 0.00	16.49 -0.72 0.00	16.00 -0.76 0.08	14.09 -0.63 0.00
INDECK___YERKES 23781	12.31 -1.61 1.69	14.86 -1.75 0.00	12.93 -1.41 0.00	12.43 -1.33 0.00	13.07 -1.45 0.00	13.57 -1.50 0.00	20.02 -1.90 0.00	18.80 -1.94 0.00	16.64 -1.58 0.00	15.75 -1.19 0.00	15.35 -0.91 0.00	13.58 -0.94 0.00	9.13 -0.62 0.00	11.51 -0.85 0.00	14.95 -1.21 0.00	15.99 -1.48 0.00	18.33 -1.80 0.00	21.86 -1.91 0.00	21.13 -1.96 0.00	20.16 -2.12 0.00	20.58 -2.00 0.00	15.41 -1.79 0.00	14.96 -1.87 0.00	13.37 -1.35 0.00
INDIAN POINT_GT_1 24139	16.37 0.77 0.00	17.36 0.74 0.00	15.00 0.65 0.00	14.39 0.63 0.00	15.22 0.70 0.00	15.86 0.79 0.00	23.16 1.24 0.00	22.19 1.45 0.00	19.61 1.39 0.00	18.32 1.38 0.00	17.55 1.28 0.00	15.53 1.02 0.00	10.46 0.71 0.00	13.12 0.76 0.00	17.21 1.05 0.00	18.67 1.19 0.00	21.55 1.42 0.00	25.65 1.89 0.00	24.86 1.77 0.00	23.87 1.59 0.00	24.10 1.53 0.00	18.37 1.16 0.00	17.85 1.02 0.00	15.54 0.82 0.00
INDIAN POINT_GT_2 23659	16.37 0.77 0.00	17.36 0.74 0.00	15.00 0.65 0.00	14.39 0.63 0.00	15.22 0.70 0.00	15.86 0.79 0.00	23.16 1.24 0.00	22.19 1.45 0.00	19.61 1.39 0.00	18.32 1.38 0.00	17.55 1.28 0.00	15.53 1.02 0.00	10.46 0.71 0.00	13.12 0.76 0.00	17.21 1.05 0.00	18.67 1.19 0.00	21.55 1.42 0.00	25.65 1.89 0.00	24.86 1.77 0.00	23.87 1.59 0.00	24.10 1.53 0.00	18.37 1.16 0.00	17.85 1.02 0.00	15.54 0.82 0.00
INDIAN POINT_GT_3 24019	16.37 0.77 0.00	17.36 0.74 0.00	15.00 0.65 0.00	14.39 0.63 0.00	15.22 0.70 0.00	15.86 0.79 0.00	23.16 1.24 0.00	22.19 1.45 0.00	19.61 1.39 0.00	18.32 1.38 0.00	17.55 1.28 0.00	15.53 1.02 0.00	10.46 0.71 0.00	13.12 0.76 0.00	17.21 1.05 0.00	18.67 1.19 0.00	21.55 1.42 0.00	25.65 1.89 0.00	24.86 1.77 0.00	23.87 1.59 0.00	24.10 1.53 0.00	18.37 1.16 0.00	17.85 1.02 0.00	15.54 0.82 0.00
INDIAN POINT___2 23530	16.35 0.75 0.00	17.33 0.72 0.00	14.98 0.64 0.00	14.38 0.61 0.00	15.20 0.69 0.00	15.84 0.77 0.00	23.14 1.22 0.00	22.16 1.42 0.00	19.58 1.37 0.00	18.31 1.36 0.00	17.53 1.27 0.00	15.52 1.00 0.00	10.45 0.70 0.00	13.11 0.75 0.00	17.20 1.03 0.00	18.65 1.17 0.00	21.53 1.40 0.00	25.62 1.86 0.00	24.83 1.73 0.00	23.84 1.55 0.00	24.07 1.49 0.00	18.34 1.14 0.00	17.83 1.00 0.00	15.52 0.81 0.00
INDIAN POINT___3 23531	16.36 0.76 0.00	17.35 0.74 0.00	14.99 0.65 0.00	14.39 0.62 0.00	15.21 0.70 0.00	15.85 0.78 0.00	23.15 1.23 0.00	22.17 1.44 0.00	19.59 1.37 0.00	18.31 1.36 0.00	17.54 1.27 0.00	15.53 1.01 0.00	10.45 0.70 0.00	13.11 0.75 0.00	17.20 1.04 0.00	18.65 1.18 0.00	21.54 1.41 0.00	25.63 1.87 0.00	24.84 1.74 0.00	23.85 1.56 0.00	24.08 1.51 0.00	18.35 1.15 0.00	17.84 1.01 0.00	15.53 0.82 0.00
INGHAM_C_115KV_TB7 356103	15.71 0.10 0.00	16.77 0.16 0.00	14.51 0.17 0.00	13.93 0.17 0.00	14.78 0.26 0.00	15.40 0.33 0.00	22.39 0.46 0.00	21.32 0.58 0.00	18.62 0.41 0.00	17.23 0.29 0.00	16.50 0.23 0.00	14.60 0.07 0.00	9.76 0.02 0.00	12.34 -0.02 0.00	16.22 0.06 0.00	17.69 0.22 0.00	20.47 0.35 0.00	24.37 0.61 0.00	23.69 0.60 0.00	22.78 0.49 0.00	23.13 0.55 0.00	17.67 0.47 0.00	17.34 0.37 -0.14	14.96 0.24 0.00
IP CORINTH___1 23988	16.30 0.70 0.00	17.37 0.76 0.00	14.98 0.63 0.00	14.39 0.63 0.00	15.24 0.72 0.00	15.89 0.82 0.00	23.22 1.30 0.00	22.05 1.32 0.00	19.27 1.05 0.00	17.80 0.85 0.00	17.06 0.79 0.00	15.23 0.72 0.00	10.17 0.42 0.00	12.83 0.47 0.00	16.87 0.71 0.00	18.44 0.96 0.00	21.35 1.23 0.00	25.26 1.50 0.00	24.50 1.41 0.00	23.62 1.33 0.00	23.92 1.35 0.00	18.25 1.04 0.00	17.77 0.94 0.00	15.42 0.71 0.00
IP___TICONDEROGA 23804	16.74 1.13 0.00	17.93 1.32 0.00	15.42 1.07 0.00	14.80 1.05 0.00	15.73 1.21 0.00	16.45 1.38 0.00	24.07 2.15 0.00	22.84 2.10 0.00	19.84 1.63 0.00	18.20 1.25 0.00	17.39 1.12 0.00	15.51 0.99 0.00	10.41 0.66 0.00	13.21 0.86 0.00	17.45 1.29 0.00	19.24 1.76 0.00	22.33 2.20 0.00	26.14 2.37 0.00	25.22 2.13 0.00	24.47 2.18 0.00	24.79 2.21 0.00	18.98 1.78 0.00	18.46 1.62 0.00	15.91 1.19 0.00
ISLIP_RES_REC 323679	16.96 1.35 0.00	18.02 1.41 0.00	15.58 1.24 0.00	14.90 1.14 0.00	13.43 1.27 2.35	16.44 1.37 0.00	23.97 2.05 0.00	22.88 2.15 0.00	20.18 1.96 0.00	18.79 1.85 0.00	18.04 1.78 0.00	15.90 1.38 0.00	10.70 0.95 0.00	13.37 1.01 0.00	17.61 1.45 0.00	19.14 1.67 0.00	22.19 2.06 0.00	26.54 2.77 0.00	25.78 2.69 0.00	24.79 2.50 0.00	25.03 2.46 0.00	19.19 1.86 -0.11	20.86 1.75 -2.28	16.08 1.37 0.00

JAMAICA__27_KV_LOAD 355505	16.57 0.97 0.00	17.53 0.92 0.00	15.15 0.80 0.00	14.54 0.78 0.00	15.37 0.86 0.00	16.03 0.96 0.00	23.36 1.44 0.00	22.46 1.72 0.00	19.91 1.70 0.00	18.66 1.72 0.00	17.84 1.58 0.00	15.80 1.28 0.00	10.65 0.90 0.00	13.34 0.98 0.00	17.48 1.32 0.00	18.89 1.42 0.00	21.81 1.69 0.00	25.98 2.21 0.00	25.19 2.10 0.00	24.16 1.87 0.00	24.39 1.81 0.00	18.61 1.40 0.00	18.04 1.21 0.00	15.72 1.01 0.00
JANIS__SOLAR 323808	21.36 0.07 -5.69	16.82 0.20 0.00	14.48 0.14 0.00	13.89 0.13 0.00	14.73 0.21 0.00	15.27 0.20 0.00	22.42 0.50 0.00	21.19 0.46 0.00	18.34 0.12 0.00	16.89 -0.06 0.00	16.19 -0.07 0.00	14.33 -0.18 0.00	9.59 -0.17 0.00	12.16 -0.20 0.00	16.18 0.02 0.00	17.63 0.15 0.00	20.41 0.28 0.00	24.37 0.61 0.00	23.71 0.62 0.00	22.77 0.48 0.00	23.03 0.45 0.00	17.43 0.23 0.00	16.97 0.13 0.00	14.91 0.19 0.00
JARVIS____ 23743	15.68 0.08 0.00	16.69 0.07 0.00	14.42 0.08 0.00	13.84 0.08 0.00	14.60 0.09 0.00	15.18 0.10 0.00	22.08 0.16 0.00	20.93 0.19 0.00	18.38 0.16 0.00	17.11 0.16 0.00	16.41 0.15 0.00	14.62 0.10 0.00	9.82 0.07 0.00	12.43 0.07 0.00	16.27 0.11 0.00	17.62 0.15 0.00	20.31 0.18 0.00	24.01 0.24 0.00	23.31 0.22 0.00	22.46 0.17 0.00	22.75 0.18 0.00	17.35 0.15 0.00	17.09 0.12 -0.14	14.80 0.09 0.00
JENNISON____1 23625	17.07 -0.05 -1.52	16.88 0.27 0.00	14.45 0.10 0.00	13.83 0.07 0.00	14.80 0.28 0.00	15.09 0.02 0.00	22.12 0.20 0.00	20.95 0.21 0.00	18.26 0.04 0.00	16.99 0.04 0.00	16.39 0.12 0.00	14.53 0.01 0.00	9.76 0.01 0.00	12.27 -0.09 0.00	16.16 0.00 0.00	17.50 0.03 0.00	20.23 0.11 0.00	24.07 0.30 0.00	23.39 0.30 0.00	22.49 0.21 0.00	22.83 0.25 0.00	17.31 0.10 0.00	16.90 0.07 0.00	14.97 0.25 0.00
JENNISON____2 23626	17.07 -0.05 -1.52	16.88 0.27 0.00	14.45 0.10 0.00	13.83 0.07 0.00	14.80 0.28 0.00	15.09 0.02 0.00	22.12 0.20 0.00	20.95 0.21 0.00	18.26 0.04 0.00	16.99 0.04 0.00	16.39 0.12 0.00	14.53 0.01 0.00	9.76 0.01 0.00	12.27 -0.09 0.00	16.16 0.00 0.00	17.50 0.03 0.00	20.23 0.11 0.00	24.07 0.30 0.00	23.39 0.30 0.00	22.49 0.21 0.00	22.83 0.25 0.00	17.31 0.10 0.00	16.90 0.07 0.00	14.97 0.25 0.00
JERICOH_RISE_WT_PWR 323719	15.62 0.01 0.00	16.72 0.11 0.00	14.12 -0.23 0.00	-20.57 -0.43 33.90	-23.69 -0.48 37.72	-23.73 -0.56 38.23	-16.35 -0.88 37.40	8.95 -0.91 10.88	-13.39 -0.81 30.80	-17.12 -0.92 33.14	-1.29 -0.94 16.61	13.87 -0.65 0.00	9.41 -0.33 0.00	11.89 -0.47 0.00	15.51 -0.66 0.00	16.71 -0.77 0.00	19.44 -0.69 0.00	22.70 -1.07 0.00	-10.58 -1.12 32.55	-24.24 -1.00 45.52	-24.25 -1.00 45.83	-23.90 -0.75 40.36	-17.06 -0.60 33.30	14.48 -0.23 0.00
KATONAH__115KV_46KV_TB4 355592	16.47 0.87 0.00	17.48 0.87 0.00	15.10 0.76 0.00	14.49 0.73 0.00	15.32 0.81 0.00	15.98 0.91 0.00	23.35 1.43 0.00	22.35 1.61 0.00	19.73 1.52 0.00	18.43 1.48 0.00	17.64 1.37 0.00	15.61 1.09 0.00	10.50 0.75 0.00	13.18 0.83 0.00	17.30 1.13 0.00	18.76 1.28 0.00	21.67 1.54 0.00	25.80 2.03 0.00	25.01 1.92 0.00	24.01 1.73 0.00	24.25 1.68 0.00	18.48 1.27 0.00	17.95 1.12 0.00	15.62 0.91 0.00
KCE_NY_1 323755	16.33 0.73 0.00	17.39 0.79 0.00	15.01 0.66 0.00	14.41 0.65 0.00	15.24 0.73 0.00	15.88 0.81 0.00	23.17 1.25 0.00	22.01 1.28 0.00	19.25 1.03 0.00	17.84 0.90 0.00	17.10 0.83 0.00	15.21 0.69 0.00	10.18 0.43 0.00	12.87 0.52 0.00	16.90 0.74 0.00	18.40 0.92 0.00	21.30 1.17 0.00	25.26 1.49 0.00	24.47 1.38 0.00	23.56 1.27 0.00	23.89 1.32 0.00	18.22 1.01 0.00	17.76 0.93 0.00	15.47 0.75 0.00
KCE_NY_6_ESR 323823	12.27 -1.49 1.85	15.00 -1.61 0.00	13.03 -1.31 0.00	12.52 -1.24 0.00	13.15 -1.36 0.00	13.65 -1.42 0.00	20.14 -1.78 0.00	18.98 -1.76 0.00	16.77 -1.45 0.00	15.89 -1.06 0.00	15.47 -0.79 0.00	13.69 -0.83 0.00	9.21 -0.54 0.00	11.56 -0.79 0.00	15.03 -1.13 0.00	16.10 -1.37 0.00	18.53 -1.60 0.00	22.10 -1.67 0.00	21.35 -1.74 0.00	20.37 -1.92 0.00	20.73 -1.84 0.00	15.53 -1.67 0.00	15.09 -1.74 0.00	13.44 -1.27 0.00
KEDC PORT_JEFF_GT2 24210	16.84 1.23 0.00	17.90 1.29 0.00	15.47 1.13 0.00	14.80 1.04 0.00	20.30 1.16 -4.63	16.32 1.25 0.00	23.79 1.87 0.00	22.71 1.97 0.00	20.03 1.81 0.00	18.67 1.72 0.00	17.93 1.66 0.00	15.80 1.28 0.00	10.63 0.88 0.00	13.29 0.93 0.00	17.49 1.33 0.00	19.00 1.53 0.00	22.01 1.88 0.00	26.31 2.55 0.00	25.56 2.47 0.00	24.59 2.30 0.00	24.83 2.25 0.00	19.04 1.72 -0.11	20.72 1.61 -2.28	15.97 1.26 0.00
KEDC PORT_JEFF_GT3 24211	16.84 1.23 0.00	17.90 1.29 0.00	15.47 1.13 0.00	14.80 1.04 0.00	20.30 1.16 -4.63	16.32 1.25 0.00	23.79 1.87 0.00	22.71 1.97 0.00	20.03 1.81 0.00	18.67 1.72 0.00	17.93 1.66 0.00	15.80 1.28 0.00	10.63 0.88 0.00	13.29 0.93 0.00	17.49 1.33 0.00	19.00 1.53 0.00	22.01 1.88 0.00	26.31 2.55 0.00	25.56 2.47 0.00	24.59 2.30 0.00	24.83 2.25 0.00	19.04 1.72 -0.11	20.72 1.61 -2.28	15.97 1.26 0.00
KEDC_GLWD_GT4 24219	16.71 1.11 0.00	17.74 1.12 0.00	15.32 0.97 0.00	14.67 0.91 0.00	15.53 1.01 0.00	16.18 1.11 0.00	23.63 1.71 0.00	22.62 1.89 0.00	19.97 1.75 0.00	18.65 1.70 0.00	17.92 1.66 0.00	15.84 1.33 0.00	10.66 0.90 0.00	13.35 0.99 0.00	17.55 1.39 0.00	19.03 1.55 0.00	22.00 1.87 0.00	26.11 2.34 0.00	25.24 2.15 0.00	24.42 2.13 0.00	24.66 2.09 0.00	18.91 1.59 -0.11	20.55 1.44 -2.28	15.85 1.13 0.00
KEDC_GLWD_GT5 24220	16.71 1.11 0.00	17.74 1.12 0.00	15.32 0.97 0.00	14.67 0.91 0.00	15.53 1.01 0.00	16.18 1.11 0.00	23.63 1.71 0.00	22.62 1.89 0.00	19.97 1.75 0.00	18.65 1.70 0.00	17.92 1.66 0.00	15.84 1.33 0.00	10.66 0.90 0.00	13.35 0.99 0.00	17.55 1.39 0.00	19.03 1.55 0.00	22.00 1.87 0.00	26.11 2.34 0.00	25.24 2.15 0.00	24.42 2.13 0.00	24.66 2.09 0.00	18.91 1.59 -0.11	20.55 1.44 -2.28	15.85 1.13 0.00
KENSICO____ 23655	16.41 0.81 0.00	17.40 0.79 0.00	15.04 0.69 0.00	14.43 0.67 0.00	15.26 0.74 0.00	15.90 0.83 0.00	23.22 1.30 0.00	22.25 1.51 0.00	19.66 1.45 0.00	18.38 1.44 0.00	17.61 1.34 0.00	15.59 1.07 0.00	10.49 0.74 0.00	13.16 0.81 0.00	17.27 1.11 0.00	18.72 1.25 0.00	21.61 1.49 0.00	25.72 1.95 0.00	24.92 1.83 0.00	23.94 1.65 0.00	24.17 1.59 0.00	18.42 1.21 0.00	17.90 1.06 0.00	15.58 0.87 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	16.46 0.86 0.00	17.46 0.85 0.00	15.10 0.76 0.00	14.49 0.72 0.00	15.32 0.80 0.00	15.98 0.91 0.00	23.40 1.48 0.00	22.38 1.65 0.00	19.71 1.50 0.00	18.31 1.37 0.00	17.48 1.22 0.00	15.40 0.89 0.00	10.29 0.53 0.00	12.87 0.51 0.00	16.97 0.81 0.00	18.46 0.99 0.00	21.36 1.24 0.00	25.42 1.65 0.00	24.66 1.57 0.00	23.71 1.42 0.00	24.22 1.65 0.00	18.47 1.26 0.00	17.93 1.10 0.00	15.60 0.88 0.00

KIAC_JFK_GT1 23816	16.52 0.92 0.00	17.48 0.86 0.00	15.10 0.76 0.00	14.49 0.73 0.00	15.33 0.81 0.00	15.98 0.91 0.00	23.27 1.35 0.00	22.38 1.64 0.00	19.85 1.64 0.00	18.60 1.65 0.00	17.79 1.53 0.00	15.75 1.23 0.00	10.62 0.87 0.00	13.30 0.94 0.00	17.42 1.26 0.00	18.83 1.36 0.00	21.73 1.60 0.00	25.89 2.12 0.00	25.09 2.00 0.00	24.07 1.78 0.00	24.30 1.72 0.00	18.54 1.34 0.00	17.99 1.15 0.00	15.67 0.96 0.00
KIAC_JFK_GT2 23817	16.52 0.92 0.00	17.48 0.86 0.00	15.10 0.76 0.00	14.49 0.73 0.00	15.33 0.81 0.00	15.98 0.91 0.00	23.27 1.35 0.00	22.38 1.64 0.00	19.85 1.64 0.00	18.60 1.65 0.00	17.79 1.53 0.00	15.75 1.23 0.00	10.62 0.87 0.00	13.30 0.94 0.00	17.42 1.26 0.00	18.83 1.36 0.00	21.73 1.60 0.00	25.89 2.12 0.00	25.09 2.00 0.00	24.07 1.78 0.00	24.30 1.72 0.00	18.54 1.34 0.00	17.99 1.15 0.00	15.67 0.96 0.00
KIAC_JFK____ 323774	16.52 0.92 0.00	17.48 0.86 0.00	15.10 0.76 0.00	14.50 0.73 0.00	15.33 0.81 0.00	15.98 0.91 0.00	23.27 1.35 0.00	22.38 1.64 0.00	19.85 1.63 0.00	18.60 1.65 0.00	17.79 1.53 0.00	15.75 1.23 0.00	10.62 0.87 0.00	13.30 0.94 0.00	17.42 1.26 0.00	18.83 1.36 0.00	21.73 1.61 0.00	25.89 2.12 0.00	25.09 2.00 0.00	24.07 1.78 0.00	24.30 1.72 0.00	18.54 1.34 0.00	17.99 1.15 0.00	15.67 0.96 0.00
KINTIGH____ 23543	12.62 -1.60 1.39	14.88 -1.73 0.00	12.92 -1.43 0.00	12.42 -1.34 0.00	13.05 -1.46 0.00	13.56 -1.51 0.00	19.94 -1.99 0.00	18.79 -1.95 0.00	16.59 -1.63 0.00	15.70 -1.25 0.00	15.25 -1.02 0.00	13.48 -1.04 0.00	9.07 -0.68 0.00	11.45 -0.91 0.00	14.89 -1.27 0.00	15.99 -1.48 0.00	18.33 -1.80 0.00	21.79 -1.98 0.00	21.06 -2.03 0.00	20.15 -2.13 0.00	20.53 -2.04 0.00	15.44 -1.77 0.00	15.01 -1.83 0.00	13.33 -1.39 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	15.79 0.19 0.00	16.90 0.29 0.00	14.28 -0.06 0.00	-18.63 -0.28 32.10	-21.52 -0.32 35.72	-21.53 -0.39 36.21	-14.09 -0.60 35.41	9.86 -0.57 10.31	-11.49 -0.54 29.17	-15.13 -0.69 31.39	-0.22 -0.76 15.73	13.99 -0.53 0.00	9.49 -0.26 0.00	11.98 -0.37 0.00	15.64 -0.53 0.00	16.87 -0.61 0.00	19.66 -0.47 0.00	22.97 -0.80 0.00	-8.60 -0.87 30.83	-21.55 -0.73 43.11	-21.57 -0.75 43.40	-21.57 -0.56 38.22	-15.34 -0.46 31.71	14.65 -0.06 0.00
LACHUTE____HYDRO 323717	16.74 1.13 0.00	17.93 1.32 0.00	15.42 1.07 0.00	14.80 1.05 0.00	15.73 1.21 0.00	16.45 1.38 0.00	24.07 2.15 0.00	22.84 2.10 0.00	19.84 1.62 0.00	18.20 1.25 0.00	17.39 1.13 0.00	15.51 0.99 0.00	10.41 0.66 0.00	13.21 0.86 0.00	17.45 1.29 0.00	19.24 1.76 0.00	22.33 2.20 0.00	26.14 2.37 0.00	25.22 2.13 0.00	24.47 2.18 0.00	24.79 2.21 0.00	18.98 1.78 0.00	18.46 1.62 0.00	15.91 1.19 0.00
LAWRNCV_115KV_TB1 80681	15.67 0.06 0.00	16.71 0.10 0.00	14.37 0.03 0.00	17.81 -0.01 -4.06	18.99 -0.04 -4.52	19.45 -0.20 -4.58	25.93 -0.48 -4.48	21.47 -0.57 -1.30	21.37 -0.54 -3.69	20.29 -0.62 -3.97	17.55 -0.71 -1.99	14.03 -0.49 0.00	9.44 -0.31 0.00	11.99 -0.37 0.00	15.66 -0.50 0.00	16.92 -0.55 0.00	19.44 -0.69 0.00	23.02 -0.75 0.00	26.37 -0.62 -3.90	27.23 -0.51 -5.45	27.51 -0.56 -5.49	21.58 -0.45 -4.83	18.04 -0.19 -1.40	14.68 -0.03 0.00
LEDERLE____ 23769	16.41 0.80 0.00	17.39 0.78 0.00	15.03 0.68 0.00	14.42 0.66 0.00	15.25 0.74 0.00	15.90 0.83 0.00	23.25 1.33 0.00	22.26 1.52 0.00	19.67 1.45 0.00	18.38 1.44 0.00	17.61 1.34 0.00	15.59 1.08 0.00	10.50 0.75 0.00	13.16 0.80 0.00	17.27 1.11 0.00	18.73 1.26 0.00	21.63 1.50 0.00	25.75 1.99 0.00	24.95 1.86 0.00	23.96 1.68 0.00	24.18 1.61 0.00	18.42 1.21 0.00	17.90 1.06 0.00	15.58 0.87 0.00
LIGHTHSE_115KV_TB6 355974	14.83 -0.78 0.00	15.78 -0.84 0.00	13.66 -0.68 0.00	13.10 -0.66 0.00	13.79 -0.73 0.00	14.35 -0.72 0.00	20.95 -0.97 0.00	19.82 -0.91 0.00	17.31 -0.91 0.00	16.14 -0.81 0.00	15.52 -0.75 0.00	13.77 -0.74 0.00	9.24 -0.52 0.00	11.67 -0.69 0.00	15.29 -0.87 0.00	16.68 -0.79 0.00	19.21 -0.93 0.00	22.78 -0.99 0.00	22.15 -0.94 0.00	21.30 -0.98 0.00	21.57 -1.01 0.00	16.40 -0.81 0.00	15.79 -0.84 0.20	14.02 -0.70 0.00
LINDEN COGEN____ 23786	16.37 0.77 0.00	17.35 0.74 0.00	15.02 0.67 0.00	14.41 0.65 0.00	15.24 0.73 0.00	15.89 0.82 0.00	23.14 1.21 0.00	22.22 1.49 0.00	19.69 1.47 0.00	18.44 1.50 0.00	17.67 1.41 0.00	15.64 1.12 0.00	10.53 0.78 0.00	13.20 0.84 0.00	17.30 1.14 0.00	18.74 1.27 0.00	21.60 1.48 0.00	25.72 1.95 0.00	24.92 1.83 0.00	23.91 1.63 0.00	24.13 1.56 0.00	18.42 1.22 0.00	17.88 1.05 0.00	15.57 0.85 0.00
LINDHRST_69_KV_BK1 356055	16.83 1.23 0.00	17.87 1.26 0.00	15.44 1.10 0.00	14.77 1.01 0.00	15.64 1.12 0.00	16.29 1.22 0.00	23.79 1.87 0.00	22.74 2.01 0.00	20.07 1.85 0.00	18.71 1.76 0.00	17.98 1.71 0.00	15.87 1.35 0.00	10.67 0.92 0.00	13.36 1.00 0.00	17.58 1.42 0.00	19.09 1.62 0.00	22.11 1.98 0.00	26.39 2.62 0.00	25.60 2.51 0.00	24.60 2.32 0.00	24.86 2.28 0.00	19.06 1.74 -0.11	20.70 1.59 -2.28	15.96 1.25 0.00
LIPA_MISC_IPP 23656	16.83 1.23 0.00	17.90 1.29 0.00	15.49 1.15 0.00	14.82 1.06 0.00	87.15 1.18 -71.46	16.33 1.26 0.00	23.78 1.85 0.00	22.68 1.94 0.00	19.99 1.77 0.00	18.61 1.67 0.00	17.87 1.60 0.00	15.73 1.21 0.00	10.59 0.84 0.00	13.22 0.86 0.00	17.39 1.23 0.00	18.90 1.42 0.00	21.92 1.79 0.00	26.23 2.46 0.00	25.48 2.39 0.00	24.51 2.23 0.00	24.76 2.19 0.00	18.99 1.67 -0.11	20.70 1.59 -2.28	15.95 1.24 0.00
LISF____SOLAR 323691	16.86 1.26 0.00	17.94 1.33 0.00	15.52 1.17 0.00	14.84 1.08 0.00	95.61 1.21 -79.90	16.36 1.29 0.00	23.82 1.90 0.00	22.72 1.98 0.00	20.02 1.80 0.00	18.63 1.68 0.00	17.87 1.60 0.00	15.74 1.22 0.00	10.59 0.84 0.00	13.22 0.87 0.00	17.40 1.24 0.00	18.92 1.44 0.00	21.96 1.83 0.00	26.28 2.51 0.00	25.53 2.44 0.00	24.57 2.28 0.00	24.81 2.23 0.00	19.03 1.71 -0.11	20.73 1.62 -2.28	15.98 1.26 0.00
LITTLE FALLS____HYD 24013	15.71 0.10 0.00	16.77 0.16 0.00	14.51 0.17 0.00	13.93 0.17 0.00	14.78 0.26 0.00	15.40 0.33 0.00	22.39 0.46 0.00	21.32 0.58 0.00	18.62 0.41 0.00	17.23 0.29 0.00	16.50 0.23 0.00	14.60 0.07 0.00	9.76 0.02 0.00	12.34 -0.02 0.00	16.22 0.06 0.00	17.69 0.22 0.00	20.47 0.35 0.00	24.37 0.61 0.00	23.69 0.60 0.00	22.78 0.49 0.00	23.13 0.55 0.00	17.67 0.47 0.00	17.34 0.37 -0.14	14.96 0.24 0.00
LITTLRIV_115KV_TB1 356100	15.86 0.25 0.00	16.91 0.30 0.00	14.55 0.20 0.00	18.42 0.16 -4.50	19.66 0.14 -5.00	20.15 0.00 -5.07	26.77 -0.11 -4.96	21.94 -0.24 -1.44	21.99 -0.31 -4.08	20.88 -0.47 -4.39	17.91 -0.56 -2.20	14.17 -0.35 0.00	9.52 -0.23 0.00	12.10 -0.25 0.00	15.80 -0.36 0.00	17.08 -0.39 0.00	19.64 -0.48 0.00	23.33 -0.44 0.00	27.13 -0.27 -4.32	28.16 -0.16 -6.03	28.43 -0.22 -6.08	22.37 -0.19 -5.35	18.76 0.08 -1.84	14.90 0.18 0.00

LI_NEWBRDGE___DRP 323616	16.58 0.98 0.00	17.60 0.99 0.00	15.21 0.86 0.00	14.56 0.80 0.00	15.41 0.89 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.41 1.67 0.00	19.78 1.57 0.00	18.47 1.53 0.00	17.75 1.48 0.00	15.69 1.17 0.00	10.55 0.80 0.00	13.22 0.86 0.00	17.38 1.22 0.00	18.84 1.37 0.00	21.79 1.66 0.00	25.95 2.19 0.00	25.16 2.07 0.00	24.18 1.90 0.00	24.44 1.86 0.00	18.74 1.42 -0.11	20.40 1.29 -2.28	15.72 1.01 0.00
LOCKPORT_115KV_TB60_63_64 80432	12.32 -1.69 1.59	14.72 -1.90 0.00	12.80 -1.54 0.00	12.31 -1.45 0.00	12.93 -1.59 0.00	13.44 -1.63 0.00	19.83 -2.09 0.00	18.62 -2.12 0.00	16.46 -1.76 0.00	15.58 -1.36 0.00	15.15 -1.11 0.00	13.40 -1.12 0.00	9.02 -0.73 0.00	11.37 -0.99 0.00	14.78 -1.38 0.00	15.86 -1.61 0.00	18.17 -1.96 0.00	21.66 -2.11 0.00	20.93 -2.16 0.00	19.98 -2.31 0.00	20.37 -2.20 0.00	15.27 -1.93 0.00	14.83 -2.01 0.00	13.22 -1.50 0.00
LOCKPORT___CC1 323769	12.28 -1.73 1.60	14.70 -1.92 0.00	12.79 -1.56 0.00	12.30 -1.46 0.00	12.92 -1.60 0.00	13.42 -1.65 0.00	19.81 -2.11 0.00	18.59 -2.14 0.00	16.44 -1.78 0.00	15.58 -1.37 0.00	15.15 -1.11 0.00	13.40 -1.12 0.00	9.02 -0.73 0.00	11.36 -1.00 0.00	14.77 -1.39 0.00	15.84 -1.63 0.00	18.15 -1.98 0.00	21.64 -2.13 0.00	20.91 -2.18 0.00	19.95 -2.33 0.00	20.36 -2.21 0.00	15.26 -1.95 0.00	14.81 -2.03 0.00	13.20 -1.51 0.00
LOCKPORT___CC2 323770	12.28 -1.73 1.60	14.70 -1.92 0.00	12.79 -1.56 0.00	12.30 -1.46 0.00	12.92 -1.60 0.00	13.42 -1.65 0.00	19.81 -2.11 0.00	18.59 -2.14 0.00	16.44 -1.78 0.00	15.58 -1.37 0.00	15.15 -1.11 0.00	13.40 -1.12 0.00	9.02 -0.73 0.00	11.36 -1.00 0.00	14.77 -1.39 0.00	15.84 -1.63 0.00	18.15 -1.98 0.00	21.64 -2.13 0.00	20.91 -2.18 0.00	19.95 -2.33 0.00	20.36 -2.21 0.00	15.26 -1.95 0.00	14.81 -2.03 0.00	13.20 -1.51 0.00
LOCKPORT___CC3 323771	12.28 -1.73 1.60	14.70 -1.92 0.00	12.79 -1.56 0.00	12.30 -1.46 0.00	12.92 -1.60 0.00	13.42 -1.65 0.00	19.81 -2.11 0.00	18.59 -2.14 0.00	16.44 -1.78 0.00	15.58 -1.37 0.00	15.15 -1.11 0.00	13.40 -1.12 0.00	9.02 -0.73 0.00	11.36 -1.00 0.00	14.77 -1.39 0.00	15.84 -1.63 0.00	18.15 -1.98 0.00	21.64 -2.13 0.00	20.91 -2.18 0.00	19.95 -2.33 0.00	20.36 -2.21 0.00	15.26 -1.95 0.00	14.81 -2.03 0.00	13.20 -1.51 0.00
LONG_LAKE_PHOENIX 24014	14.95 -0.65 0.00	15.91 -0.70 0.00	13.76 -0.58 0.00	13.21 -0.55 0.00	13.90 -0.61 0.00	14.46 -0.60 0.00	21.09 -0.83 0.00	19.97 -0.76 0.00	17.52 -0.70 0.00	16.39 -0.55 0.00	15.79 -0.48 0.00	14.02 -0.50 0.00	9.41 -0.34 0.00	11.92 -0.43 0.00	15.60 -0.56 0.00	16.89 -0.59 0.00	19.43 -0.70 0.00	23.01 -0.76 0.00	22.32 -0.77 0.00	21.48 -0.80 0.00	21.76 -0.82 0.00	16.56 -0.64 0.00	16.14 -0.69 0.00	14.15 -0.57 0.00
LOVETT___3 23632	16.34 0.74 0.00	17.32 0.71 0.00	14.97 0.63 0.00	14.36 0.60 0.00	15.19 0.67 0.00	15.82 0.76 0.00	23.13 1.21 0.00	22.15 1.41 0.00	19.57 1.36 0.00	18.29 1.34 0.00	17.52 1.25 0.00	15.52 1.00 0.00	10.44 0.69 0.00	13.09 0.73 0.00	17.18 1.02 0.00	18.64 1.16 0.00	21.52 1.39 0.00	25.61 1.84 0.00	24.81 1.72 0.00	23.83 1.54 0.00	24.06 1.48 0.00	18.33 1.12 0.00	17.82 0.98 0.00	15.51 0.80 0.00
LOVETT___4 23642	16.34 0.74 0.00	17.32 0.71 0.00	14.97 0.63 0.00	14.36 0.60 0.00	15.19 0.67 0.00	15.82 0.76 0.00	23.13 1.21 0.00	22.15 1.41 0.00	19.57 1.36 0.00	18.29 1.34 0.00	17.52 1.25 0.00	15.52 1.00 0.00	10.44 0.69 0.00	13.09 0.73 0.00	17.18 1.02 0.00	18.64 1.16 0.00	21.52 1.39 0.00	25.61 1.84 0.00	24.81 1.72 0.00	23.83 1.54 0.00	24.06 1.48 0.00	18.33 1.12 0.00	17.82 0.98 0.00	15.51 0.80 0.00
LOVETT___5 23593	16.34 0.74 0.00	17.32 0.71 0.00	14.97 0.63 0.00	14.36 0.60 0.00	15.19 0.67 0.00	15.82 0.76 0.00	23.13 1.21 0.00	22.15 1.41 0.00	19.57 1.36 0.00	18.29 1.34 0.00	17.52 1.25 0.00	15.52 1.00 0.00	10.44 0.69 0.00	13.09 0.73 0.00	17.18 1.02 0.00	18.64 1.16 0.00	21.52 1.39 0.00	25.61 1.84 0.00	24.81 1.72 0.00	23.83 1.54 0.00	24.06 1.48 0.00	18.33 1.12 0.00	17.82 0.98 0.00	15.51 0.80 0.00
LOWER RAQUET___HYD 24057	15.62 0.02 0.00	16.66 0.05 0.00	14.33 -0.02 0.00	18.61 -0.06 -4.90	19.88 -0.09 -5.46	20.32 -0.28 -5.53	26.75 -0.58 -5.41	21.64 -0.67 -1.57	22.03 -0.64 -4.45	21.00 -0.73 -4.80	17.87 -0.80 -2.40	13.95 -0.58 0.00	9.38 -0.37 0.00	11.91 -0.45 0.00	15.56 -0.60 0.00	16.82 -0.65 0.00	19.32 -0.81 0.00	22.88 -0.88 0.00	27.05 -0.75 -4.71	28.24 -0.63 -6.58	28.52 -0.68 -6.63	22.51 -0.53 -5.84	18.85 -0.24 -2.26	14.64 -0.07 0.00
LOWER___HUDSON 24059	16.22 0.61 0.00	17.26 0.65 0.00	14.88 0.54 0.00	14.31 0.55 0.00	15.13 0.61 0.00	15.74 0.67 0.00	22.89 0.97 0.00	21.77 1.04 0.00	19.11 0.89 0.00	17.76 0.81 0.00	17.00 0.73 0.00	15.08 0.56 0.00	10.12 0.37 0.00	12.81 0.45 0.00	16.80 0.63 0.00	18.23 0.75 0.00	21.06 0.93 0.00	24.94 1.17 0.00	24.17 1.09 0.00	23.26 0.97 0.00	23.63 1.06 0.00	18.05 0.85 0.00	17.61 0.78 0.00	15.34 0.62 0.00
LOWVILLE_115KV_TB2 356335	15.09 -0.51 0.00	16.05 -0.56 0.00	13.95 -0.40 0.00	14.78 -0.39 -1.41	15.63 -0.45 -1.57	16.20 -0.46 -1.59	22.88 -0.60 -1.56	20.55 -0.63 -0.45	18.77 -0.73 -1.28	17.55 -0.77 -1.38	16.22 -0.74 -0.69	13.85 -0.67 0.00	9.27 -0.48 0.00	11.68 -0.67 0.00	15.33 -0.83 0.00	16.85 -0.63 0.00	19.37 -0.76 0.00	22.99 -0.78 0.00	23.79 -0.65 -1.35	23.48 -0.69 -1.89	23.72 -0.77 -1.91	18.25 -0.63 -1.68	17.04 -0.53 -0.74	14.32 -0.39 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	16.33 0.73 0.00	17.39 0.77 0.00	15.00 0.66 0.00	14.41 0.65 0.00	15.24 0.73 0.00	15.87 0.80 0.00	23.15 1.23 0.00	21.99 1.26 0.00	19.25 1.03 0.00	17.85 0.90 0.00	17.10 0.83 0.00	15.21 0.69 0.00	10.19 0.44 0.00	12.87 0.51 0.00	16.90 0.74 0.00	18.40 0.92 0.00	21.29 1.17 0.00	25.24 1.48 0.00	24.46 1.37 0.00	23.55 1.27 0.00	23.88 1.31 0.00	18.21 1.00 0.00	17.75 0.92 0.00	15.45 0.74 0.00
LUTHERNY_35_KV_BK2 355980	16.33 0.72 0.00	17.39 0.79 0.00	15.01 0.66 0.00	14.41 0.65 0.00	15.24 0.73 0.00	15.88 0.81 0.00	23.17 1.25 0.00	22.01 1.28 0.00	19.25 1.03 0.00	17.84 0.90 0.00	17.10 0.83 0.00	15.21 0.69 0.00	10.18 0.43 0.00	12.87 0.52 0.00	16.90 0.74 0.00	18.40 0.92 0.00	21.30 1.18 0.00	25.26 1.49 0.00	24.47 1.38 0.00	23.56 1.27 0.00	23.89 1.32 0.00	18.22 1.01 0.00	17.76 0.93 0.00	15.47 0.75 0.00
LWR___OSWEGATCHIE_HYD 23850	15.28 -0.32 0.00	16.27 -0.34 0.00	14.06 -0.29 0.00	16.79 -0.30 -3.33	17.87 -0.35 -3.71	18.38 -0.45 -3.76	24.89 -0.71 -3.68	21.04 -0.76 -1.07	20.44 -0.80 -3.03	19.34 -0.86 -3.26	17.03 -0.87 -1.63	13.79 -0.72 0.00	9.26 -0.49 0.00	11.71 -0.65 0.00	15.33 -0.83 0.00	16.73 -0.75 0.00	19.23 -0.90 0.00	22.81 -0.96 0.00	25.47 -0.82 -3.20	25.98 -0.78 -4.48	26.24 -0.84 -4.51	20.49 -0.68 -3.97	17.92 -0.48 -1.57	14.39 -0.32 0.00

LYONS_FALL_HYD 23570	15.41 -0.19 0.00	16.39 -0.22 0.00	14.21 -0.13 0.00	14.57 -0.13 -0.94	15.41 -0.15 -1.05	16.00 -0.14 -1.06	22.85 -0.11 -1.04	20.90 -0.14 -0.30	18.81 -0.26 -0.85	17.55 -0.31 -0.92	16.42 -0.30 -0.46	14.22 -0.30 0.00	9.53 -0.22 0.00	12.03 -0.33 0.00	15.78 -0.38 0.00	17.26 -0.22 0.00	19.88 -0.24 0.00	23.58 -0.19 0.00	23.87 -0.12 -0.90	23.37 -0.18 -1.26	23.62 -0.22 -1.27	18.11 -0.22 -1.12	17.20 -0.19 -0.55	14.59 -0.12 0.00
MADISON___COUNTY_LFGE 323628	15.78 0.18 0.00	16.79 0.18 0.00	14.52 0.18 0.00	13.94 0.18 0.00	14.71 0.20 0.00	15.33 0.26 0.00	22.40 0.48 0.00	21.19 0.45 0.00	18.50 0.28 0.00	17.13 0.18 0.00	16.43 0.16 0.00	14.61 0.09 0.00	9.80 0.05 0.00	12.41 0.05 0.00	16.28 0.12 0.00	17.70 0.23 0.00	20.51 0.38 0.00	24.33 0.56 0.00	23.63 0.53 0.00	22.76 0.47 0.00	23.00 0.43 0.00	17.48 0.28 0.00	17.04 0.21 0.00	14.89 0.18 0.00
MALONE___115KV_TB1 356076	15.83 0.22 0.00	16.92 0.31 0.00	14.36 0.01 0.00	35.39 -0.16 -21.79	38.56 -0.20 -24.24	39.35 -0.29 -24.57	45.48 -0.48 -24.03	27.22 -0.51 -6.99	37.52 -0.49 -19.79	37.59 -0.65 -21.29	26.23 -0.72 -10.67	14.05 -0.47 0.00	9.51 -0.24 0.00	12.03 -0.33 0.00	15.68 -0.48 0.00	16.91 -0.56 0.00	19.64 -0.48 0.00	23.06 -0.70 0.00	43.32 -0.70 -20.92	50.94 -0.60 -29.26	51.41 -0.61 -29.45	42.66 -0.47 -25.93	33.68 -0.31 -17.16	14.69 -0.03 0.00
MAPLEWOD_115KV_TB3 80458	16.19 0.59 0.00	17.22 0.61 0.00	14.86 0.51 0.00	14.28 0.52 0.00	15.10 0.58 0.00	15.70 0.63 0.00	22.79 0.86 0.00	21.70 0.96 0.00	19.05 0.83 0.00	17.76 0.81 0.00	16.97 0.70 0.00	15.08 0.56 0.00	10.12 0.37 0.00	12.80 0.45 0.00	16.76 0.60 0.00	18.19 0.72 0.00	21.00 0.87 0.00	24.89 1.12 0.00	24.13 1.04 0.00	23.21 0.92 0.00	23.54 0.97 0.00	17.98 0.78 0.00	17.55 0.72 0.00	15.30 0.58 0.00
MAPLE_RIDGE_WT_1 323574	15.16 -0.44 0.00	16.17 -0.44 0.00	13.94 -0.40 0.00	13.38 -0.38 0.00	14.09 -0.43 0.00	14.59 -0.48 0.00	21.19 -0.72 0.00	20.00 -0.74 0.00	17.65 -0.57 0.00	16.41 -0.54 0.00	15.72 -0.54 0.00	14.05 -0.47 0.00	9.45 -0.29 0.00	12.01 -0.35 0.00	15.70 -0.46 0.00	17.01 -0.47 0.00	19.57 -0.56 0.00	23.10 -0.67 0.00	22.44 -0.65 0.00	21.62 -0.67 0.00	21.80 -0.78 0.00	16.63 -0.57 0.00	11.70 -0.45 4.68	14.37 -0.35 0.00
MAPLE_RIDGE_WT_2 323611	15.16 -0.44 0.00	16.17 -0.44 0.00	13.94 -0.40 0.00	13.38 -0.38 0.00	14.09 -0.43 0.00	14.59 -0.48 0.00	21.19 -0.72 0.00	20.00 -0.74 0.00	17.65 -0.57 0.00	16.41 -0.54 0.00	15.72 -0.54 0.00	14.05 -0.47 0.00	9.45 -0.29 0.00	12.01 -0.35 0.00	15.70 -0.46 0.00	17.01 -0.47 0.00	19.57 -0.56 0.00	23.10 -0.67 0.00	22.44 -0.65 0.00	21.62 -0.67 0.00	21.80 -0.78 0.00	16.63 -0.57 0.00	11.70 -0.45 4.68	14.37 -0.35 0.00
MARBLE_RIVER_WT_PWR 323696	15.61 0.01 0.00	16.71 0.09 0.00	14.11 -0.23 0.00	-18.17 -0.45 31.48	-21.00 -0.49 35.02	-21.00 -0.57 35.50	-13.71 -0.91 34.72	9.69 -0.94 10.10	-11.22 -0.84 28.60	-14.76 -0.93 30.78	-0.10 -0.94 15.42	13.86 -0.66 0.00	9.41 -0.34 0.00	11.87 -0.49 0.00	15.48 -0.68 0.00	16.67 -0.80 0.00	19.41 -0.71 0.00	22.69 -1.08 0.00	-8.28 -1.15 30.23	-21.00 -1.02 42.27	-21.00 -1.03 42.55	-21.00 -0.73 37.47	-14.95 -0.62 31.16	14.48 -0.23 0.00
MARSHVLE_115KV_TB1 80742	16.24 0.63 0.00	17.29 0.68 0.00	14.96 0.62 0.00	14.34 0.58 0.00	15.12 0.60 0.00	15.69 0.62 0.00	22.95 1.02 0.00	21.68 0.94 0.00	18.95 0.73 0.00	17.55 0.60 0.00	16.81 0.54 0.00	14.99 0.47 0.00	10.09 0.34 0.00	12.72 0.36 0.00	16.63 0.47 0.00	18.17 0.70 0.00	20.98 0.86 0.00	24.86 1.09 0.00	24.24 1.15 0.00	23.40 1.11 0.00	23.63 1.06 0.00	17.93 0.73 0.00	17.53 0.70 0.00	15.34 0.63 0.00
MARSH_HILL_WT_PWR 323713	7.49 -1.37 6.75	15.71 -0.90 0.00	13.42 -0.93 0.00	12.90 -0.85 0.00	13.97 -0.54 0.00	14.09 -0.98 0.00	20.60 -1.33 0.00	19.55 -1.19 0.00	16.99 -1.23 0.00	15.94 -1.00 0.00	15.58 -0.69 0.00	13.66 -0.86 0.00	8.94 -0.82 0.00	11.27 -1.09 0.00	15.15 -1.02 0.00	16.53 -0.95 0.00	19.10 -1.03 0.00	22.47 -1.30 0.00	21.87 -1.22 0.00	21.24 -1.05 0.00	21.10 -1.47 0.00	16.01 -1.20 0.00	15.88 -0.95 0.00	14.11 -0.60 0.00
MCINTYRE_115KV_TB2 80467	16.01 0.41 0.00	17.07 0.46 0.00	14.69 0.35 0.00	17.91 0.31 -3.84	19.09 0.30 -4.27	19.60 0.21 -4.33	26.36 0.20 -4.23	22.02 0.05 -1.23	21.61 -0.09 -3.49	20.41 -0.28 -3.75	17.74 -0.40 -1.88	14.32 -0.20 0.00	9.62 -0.13 0.00	12.24 -0.12 0.00	15.98 -0.18 0.00	17.26 -0.22 0.00	19.85 -0.28 0.00	23.62 -0.14 0.00	26.81 0.04 -3.68	27.59 0.15 -5.15	27.86 0.09 -5.19	21.81 0.03 -4.57	18.28 0.27 -1.17	15.04 0.33 0.00
MECO_____69_KV_BK1 80468	16.93 1.33 0.00	18.01 1.40 0.00	15.57 1.23 0.00	14.95 1.19 0.00	15.79 1.28 0.00	16.46 1.39 0.00	24.17 2.25 0.00	22.87 2.13 0.00	19.66 1.44 0.00	17.84 0.89 0.00	16.89 0.62 0.00	14.89 0.37 0.00	9.95 0.20 0.00	12.66 0.30 0.00	16.64 0.48 0.00	18.64 1.17 0.00	21.78 1.65 0.00	26.15 2.38 0.00	25.57 2.48 0.00	24.65 2.36 0.00	24.90 2.32 0.00	18.83 1.62 0.00	18.33 1.50 0.00	15.99 1.27 0.00
MENANDS___115KV_TB5 355628	16.15 0.55 0.00	17.18 0.57 0.00	14.82 0.48 0.00	14.24 0.48 0.00	15.06 0.54 0.00	15.66 0.59 0.00	22.69 0.77 0.00	21.62 0.88 0.00	18.99 0.77 0.00	17.72 0.78 0.00	16.92 0.66 0.00	15.05 0.53 0.00	10.10 0.35 0.00	12.78 0.42 0.00	16.72 0.56 0.00	18.14 0.66 0.00	20.92 0.79 0.00	24.79 1.02 0.00	24.03 0.94 0.00	23.11 0.82 0.00	23.45 0.87 0.00	17.92 0.71 0.00	17.50 0.66 0.00	15.25 0.54 0.00
MG INDUSTRY___DRP 24185	16.13 0.53 0.00	17.18 0.57 0.00	14.84 0.49 0.00	14.25 0.49 0.00	15.06 0.55 0.00	15.65 0.58 0.00	22.72 0.80 0.00	21.57 0.83 0.00	18.85 0.64 0.00	17.54 0.60 0.00	16.77 0.50 0.00	14.91 0.39 0.00	10.02 0.27 0.00	12.68 0.32 0.00	16.60 0.44 0.00	18.05 0.58 0.00	20.89 0.76 0.00	24.77 1.00 0.00	24.03 0.94 0.00	23.11 0.82 0.00	23.42 0.85 0.00	17.88 0.68 0.00	17.46 0.63 0.00	15.24 0.53 0.00
MID___OSWEGATCHIE_HYD 23849	15.28 -0.32 0.00	16.27 -0.34 0.00	14.06 -0.29 0.00	16.79 -0.30 -3.33	17.87 -0.35 -3.71	18.38 -0.45 -3.76	24.89 -0.71 -3.68	21.04 -0.76 -1.07	20.44 -0.80 -3.03	19.34 -0.86 -3.26	17.03 -0.87 -1.63	13.79 -0.72 0.00	9.26 -0.49 0.00	11.71 -0.65 0.00	15.33 -0.83 0.00	16.73 -0.75 0.00	19.23 -0.90 0.00	22.81 -0.96 0.00	25.47 -0.82 -3.20	25.98 -0.78 -4.48	26.24 -0.84 -4.51	20.49 -0.68 -3.97	17.92 -0.48 -1.57	14.39 -0.32 0.00
MID___RAQUETTE_HYD 23851	15.62 0.02 0.00	16.66 0.05 0.00	14.33 -0.02 0.00	18.61 -0.06 -4.90	19.88 -0.09 -5.46	20.32 -0.28 -5.53	26.75 -0.59 -5.41	21.64 -0.67 -1.57	22.03 -0.64 -4.45	21.00 -0.73 -4.80	17.87 -0.80 -2.40	13.95 -0.57 0.00	9.38 -0.37 0.00	11.91 -0.45 0.00	15.56 -0.60 0.00	16.82 -0.65 0.00	19.32 -0.80 0.00	22.88 -0.88 0.00	27.05 -0.75 -4.71	28.23 -0.63 -6.58	28.52 -0.68 -6.63	22.51 -0.53 -5.84	18.85 -0.24 -2.26	14.64 -0.07 0.00

MILLIKEN___1 23584	22.09 -0.16 -6.64	16.49 -0.13 0.00	14.23 -0.11 0.00	13.65 -0.11 0.00	14.43 -0.09 0.00	15.01 -0.06 0.00	21.97 0.05 0.00	20.81 0.08 0.00	18.19 -0.03 0.00	16.88 -0.06 0.00	16.25 -0.02 0.00	14.38 -0.14 0.00	9.63 -0.13 0.00	12.22 -0.14 0.00	16.12 -0.05 0.00	17.49 0.02 0.00	20.18 0.05 0.00	23.99 0.22 0.00	23.30 0.21 0.00	22.37 0.08 0.00	22.61 0.04 0.00	17.17 -0.04 0.00	16.72 -0.11 0.00	14.66 -0.06 0.00
MILLIKEN___2 23585	22.09 -0.16 -6.64	16.49 -0.13 0.00	14.23 -0.11 0.00	13.65 -0.11 0.00	14.43 -0.09 0.00	15.01 -0.06 0.00	21.97 0.05 0.00	20.81 0.08 0.00	18.19 -0.03 0.00	16.88 -0.06 0.00	16.25 -0.02 0.00	14.38 -0.14 0.00	9.63 -0.13 0.00	12.22 -0.14 0.00	16.12 -0.05 0.00	17.49 0.02 0.00	20.18 0.05 0.00	23.99 0.22 0.00	23.30 0.21 0.00	22.37 0.08 0.00	22.61 0.04 0.00	17.17 -0.04 0.00	16.72 -0.11 0.00	14.66 -0.06 0.00
MILLIKEN___DIESEL 23629	22.09 -0.16 -6.64	16.49 -0.13 0.00	14.23 -0.11 0.00	13.65 -0.11 0.00	14.43 -0.09 0.00	15.01 -0.06 0.00	21.97 0.05 0.00	20.81 0.08 0.00	18.19 -0.03 0.00	16.88 -0.06 0.00	16.25 -0.02 0.00	14.38 -0.14 0.00	9.63 -0.13 0.00	12.22 -0.14 0.00	16.12 -0.05 0.00	17.49 0.02 0.00	20.18 0.05 0.00	23.99 0.22 0.00	23.30 0.21 0.00	22.37 0.08 0.00	22.61 0.04 0.00	17.17 -0.04 0.00	16.72 -0.11 0.00	14.66 -0.06 0.00
MILLSEAT___LFGE 323607	12.68 -1.40 1.53	15.05 -1.57 0.00	13.09 -1.26 0.00	12.59 -1.18 0.00	13.23 -1.29 0.00	13.76 -1.31 0.00	20.33 -1.59 0.00	19.11 -1.63 0.00	16.84 -1.38 0.00	15.88 -1.06 0.00	15.39 -0.87 0.00	13.61 -0.91 0.00	9.16 -0.59 0.00	11.59 -0.77 0.00	15.12 -1.04 0.00	16.24 -1.23 0.00	18.64 -1.49 0.00	22.22 -1.54 0.00	21.49 -1.60 0.00	20.52 -1.77 0.00	20.91 -1.67 0.00	15.66 -1.55 0.00	15.19 -1.64 0.00	13.50 -1.21 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	16.39 0.79 0.00	17.38 0.76 0.00	15.02 0.67 0.00	14.41 0.65 0.00	15.23 0.72 0.00	15.88 0.81 0.00	23.19 1.27 0.00	22.21 1.48 0.00	19.63 1.41 0.00	18.35 1.40 0.00	17.57 1.31 0.00	15.56 1.04 0.00	10.47 0.72 0.00	13.14 0.78 0.00	17.23 1.07 0.00	18.69 1.21 0.00	21.57 1.45 0.00	25.68 1.91 0.00	24.89 1.80 0.00	23.89 1.61 0.00	24.13 1.56 0.00	18.39 1.18 0.00	17.87 1.04 0.00	15.56 0.84 0.00
MILLWOOD_13_KV_LOAD 356217	16.42 0.82 0.00	17.42 0.80 0.00	15.05 0.70 0.00	14.44 0.68 0.00	15.27 0.76 0.00	15.91 0.85 0.00	23.25 1.33 0.00	22.27 1.54 0.00	19.68 1.46 0.00	18.39 1.45 0.00	17.62 1.35 0.00	15.60 1.08 0.00	10.49 0.74 0.00	13.17 0.81 0.00	17.28 1.12 0.00	18.74 1.27 0.00	21.63 1.51 0.00	25.75 1.99 0.00	24.96 1.87 0.00	23.97 1.68 0.00	24.20 1.63 0.00	18.44 1.23 0.00	17.92 1.08 0.00	15.59 0.87 0.00
MODEL_CITY_ENERGY 24167	12.12 -1.85 1.63	14.54 -2.07 0.00	12.67 -1.68 0.00	12.18 -1.58 0.00	12.79 -1.73 0.00	13.28 -1.79 0.00	19.60 -2.33 0.00	18.38 -2.36 0.00	16.26 -1.96 0.00	15.41 -1.54 0.00	14.98 -1.29 0.00	13.25 -1.27 0.00	8.93 -0.83 0.00	11.24 -1.12 0.00	14.61 -1.56 0.00	15.67 -1.80 0.00	17.94 -2.19 0.00	21.38 -2.39 0.00	20.66 -2.43 0.00	19.72 -2.57 0.00	20.13 -2.44 0.00	15.09 -2.11 0.00	14.66 -2.18 0.00	13.07 -1.65 0.00
MODERN_LFGE___ 323580	12.12 -1.85 1.63	14.54 -2.07 0.00	12.67 -1.68 0.00	12.18 -1.58 0.00	12.79 -1.73 0.00	13.28 -1.79 0.00	19.60 -2.33 0.00	18.38 -2.36 0.00	16.26 -1.96 0.00	15.41 -1.54 0.00	14.98 -1.29 0.00	13.25 -1.27 0.00	8.93 -0.83 0.00	11.24 -1.12 0.00	14.61 -1.56 0.00	15.67 -1.80 0.00	17.94 -2.19 0.00	21.38 -2.39 0.00	20.66 -2.43 0.00	19.72 -2.57 0.00	20.13 -2.44 0.00	15.09 -2.11 0.00	14.66 -2.18 0.00	13.07 -1.65 0.00
MOHAWK_PAPER___DRP 24187	16.19 0.59 0.00	17.22 0.61 0.00	14.86 0.51 0.00	14.28 0.52 0.00	15.10 0.58 0.00	15.70 0.63 0.00	22.79 0.86 0.00	21.70 0.96 0.00	19.05 0.83 0.00	17.76 0.81 0.00	16.97 0.70 0.00	15.08 0.56 0.00	10.12 0.37 0.00	12.80 0.45 0.00	16.76 0.60 0.00	18.19 0.72 0.00	21.00 0.87 0.00	24.89 1.12 0.00	24.13 1.04 0.00	23.21 0.92 0.00	23.54 0.97 0.00	17.98 0.78 0.00	17.55 0.72 0.00	15.30 0.58 0.00
MOHICAN___35_KV_115KV_LD 80490	16.40 0.79 0.00	17.49 0.87 0.00	15.07 0.73 0.00	14.48 0.72 0.00	15.34 0.82 0.00	15.99 0.92 0.00	23.37 1.45 0.00	22.20 1.46 0.00	19.38 1.16 0.00	17.89 0.94 0.00	17.13 0.87 0.00	15.27 0.75 0.00	10.21 0.47 0.00	12.90 0.54 0.00	16.97 0.81 0.00	18.55 1.08 0.00	21.49 1.36 0.00	25.42 1.65 0.00	24.64 1.55 0.00	23.76 1.47 0.00	24.08 1.51 0.00	18.37 1.17 0.00	17.89 1.06 0.00	15.52 0.81 0.00
MONGAUP___HYD 23641	16.26 0.66 0.00	17.26 0.65 0.00	14.91 0.57 0.00	14.30 0.54 0.00	15.13 0.61 0.00	15.76 0.69 0.00	22.90 0.97 0.00	21.87 1.13 0.00	19.21 0.99 0.00	17.95 1.00 0.00	17.09 0.82 0.00	15.10 0.58 0.00	10.15 0.40 0.00	12.79 0.43 0.00	16.90 0.74 0.00	18.38 0.90 0.00	21.17 1.04 0.00	25.24 1.48 0.00	24.52 1.43 0.00	23.55 1.27 0.00	23.92 1.34 0.00	18.21 1.00 0.00	17.70 0.87 0.00	15.43 0.71 0.00
MONTAUK___DIESEL 23721	17.19 1.59 0.00	18.35 1.73 0.00	15.88 1.54 0.00	15.20 1.44 0.00	87.72 1.60 -71.60	16.77 1.70 0.00	24.34 2.42 0.00	23.18 2.44 0.00	20.25 2.03 0.00	18.71 1.76 0.00	17.88 1.61 0.00	15.74 1.22 0.00	10.57 0.82 0.00	13.18 0.82 0.00	17.36 1.20 0.00	18.90 1.43 0.00	21.99 1.87 0.00	26.38 2.61 0.00	25.67 2.58 0.00	24.68 2.40 0.00	25.00 2.43 0.00	19.29 1.97 -0.11	20.85 1.74 -2.28	15.98 1.27 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	11.77 -1.64 2.19	14.79 -1.83 0.00	13.09 -1.26 0.00	12.55 -1.21 0.00	12.95 -1.57 0.00	13.65 -1.42 0.00	20.44 -1.49 0.00	19.08 -1.66 0.00	16.69 -1.53 0.00	15.81 -1.14 0.00	15.38 -0.89 0.00	13.60 -0.91 0.00	9.05 -0.70 0.00	11.36 -0.99 0.00	14.83 -1.34 0.00	15.88 -1.59 0.00	18.19 -1.94 0.00	21.92 -1.85 0.00	21.26 -1.83 0.00	20.15 -2.14 0.00	20.41 -2.16 0.00	15.33 -1.88 0.00	14.87 -1.96 0.00	13.58 -1.14 0.00
MORTIMER_115KV_TB3 55949	13.26 -1.10 1.25	15.42 -1.19 0.00	13.36 -0.98 0.00	12.84 -0.92 0.00	13.51 -1.01 0.00	14.05 -1.02 0.00	20.64 -1.28 0.00	19.49 -1.24 0.00	17.15 -1.07 0.00	16.14 -0.80 0.00	15.62 -0.65 0.00	13.83 -0.69 0.00	9.30 -0.45 0.00	11.78 -0.58 0.00	15.37 -0.79 0.00	16.56 -0.92 0.00	19.00 -1.13 0.00	22.57 -1.20 0.00	21.86 -1.23 0.00	20.94 -1.35 0.00	21.28 -1.30 0.00	16.05 -1.16 0.00	15.59 -1.24 0.00	13.76 -0.95 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	16.44 0.84 0.00	17.44 0.83 0.00	15.08 0.74 0.00	14.47 0.71 0.00	15.30 0.79 0.00	15.96 0.89 0.00	23.27 1.35 0.00	22.32 1.59 0.00	19.76 1.54 0.00	18.49 1.54 0.00	17.72 1.45 0.00	15.68 1.16 0.00	10.55 0.81 0.00	13.24 0.88 0.00	17.35 1.19 0.00	18.80 1.33 0.00	21.69 1.57 0.00	25.81 2.05 0.00	25.02 1.93 0.00	24.02 1.73 0.00	24.25 1.67 0.00	18.49 1.28 0.00	17.95 1.12 0.00	15.63 0.91 0.00

MUNSVILLE_WIND_PWR 323609	19.53 0.33 -3.60	17.22 0.61 0.00	14.79 0.44 0.00	14.17 0.41 0.00	15.09 0.58 0.00	15.57 0.50 0.00	22.92 0.99 0.00	21.62 0.89 0.00	18.72 0.50 0.00	17.24 0.29 0.00	16.56 0.29 0.00	14.65 0.13 0.00	9.80 0.06 0.00	12.38 0.03 0.00	16.45 0.29 0.00	17.93 0.45 0.00	20.76 0.63 0.00	24.81 1.05 0.00	24.17 1.08 0.00	23.19 0.91 0.00	23.49 0.91 0.00	17.74 0.53 0.00	17.27 0.44 0.00	15.21 0.49 0.00
N SALMON___HYD 24042	15.83 0.22 0.00	16.92 0.31 0.00	14.36 0.01 0.00	35.39 -0.16 -21.79	38.56 -0.20 -24.24	39.35 -0.29 -24.57	45.48 -0.48 -24.03	27.22 -0.51 -6.99	37.52 -0.49 -19.79	37.59 -0.65 -21.29	26.23 -0.72 -10.67	14.05 -0.47 0.00	9.51 -0.24 0.00	12.03 -0.33 0.00	15.68 -0.48 0.00	16.91 -0.56 0.00	19.64 -0.48 0.00	23.06 -0.70 0.00	43.32 -0.70 -20.92	50.94 -0.61 -29.26	51.41 -0.61 -29.45	42.66 -0.47 -25.93	33.68 -0.31 -17.16	14.69 -0.03 0.00
N.AKRON__115KV_KNAPP 355671	12.67 -1.39 1.54	15.04 -1.57 0.00	13.08 -1.26 0.00	12.58 -1.18 0.00	13.22 -1.29 0.00	13.76 -1.31 0.00	20.32 -1.60 0.00	19.10 -1.64 0.00	16.84 -1.38 0.00	15.89 -1.06 0.00	15.40 -0.86 0.00	13.61 -0.90 0.00	9.17 -0.58 0.00	11.59 -0.76 0.00	15.11 -1.05 0.00	16.24 -1.24 0.00	18.63 -1.50 0.00	22.21 -1.56 0.00	21.47 -1.62 0.00	20.50 -1.79 0.00	20.87 -1.70 0.00	15.65 -1.56 0.00	15.18 -1.66 0.00	13.50 -1.22 0.00
N.BELMOR_69_KV_BK1 55787	16.70 1.10 0.00	17.72 1.11 0.00	15.31 0.96 0.00	14.65 0.89 0.00	15.51 1.00 0.00	16.17 1.10 0.00	23.60 1.68 0.00	22.58 1.84 0.00	19.93 1.71 0.00	18.59 1.64 0.00	17.87 1.60 0.00	15.79 1.27 0.00	10.62 0.87 0.00	13.30 0.94 0.00	17.49 1.33 0.00	18.97 1.50 0.00	21.95 1.82 0.00	26.17 2.40 0.00	25.37 2.28 0.00	24.39 2.11 0.00	24.64 2.07 0.00	18.90 1.58 -0.11	20.54 1.43 -2.28	15.84 1.12 0.00
N.E_GEN_SANDY PD 24062	21.50 0.71 -5.19	18.07 0.73 -0.73	14.71 0.60 0.24	14.36 0.60 0.00	15.19 0.67 0.00	16.10 0.74 -0.29	23.94 1.08 -0.94	24.38 1.20 -2.43	21.49 1.10 -2.17	18.02 1.06 -0.01	17.14 0.94 0.07	15.22 0.70 0.00	10.22 0.47 0.00	12.93 0.57 0.00	16.95 0.79 0.00	18.37 0.90 0.00	21.23 1.11 0.00	25.17 1.41 0.00	24.39 1.30 0.00	24.34 1.16 -0.90	24.21 1.22 -0.41	18.41 0.98 -0.23	18.26 0.89 -0.54	15.44 0.72 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	16.36 0.76 0.00	17.34 0.73 0.00	14.99 0.64 0.00	14.39 0.62 0.00	15.21 0.70 0.00	15.85 0.78 0.00	23.17 1.25 0.00	22.19 1.45 0.00	19.61 1.39 0.00	18.32 1.38 0.00	17.55 1.28 0.00	15.54 1.03 0.00	10.46 0.71 0.00	13.12 0.76 0.00	17.21 1.05 0.00	18.67 1.20 0.00	21.56 1.43 0.00	25.66 1.90 0.00	24.87 1.78 0.00	23.88 1.59 0.00	24.10 1.53 0.00	18.36 1.16 0.00	17.85 1.02 0.00	15.54 0.82 0.00
N.QUEENS_27_KV_LOAD 356247	16.49 0.89 0.00	17.45 0.83 0.00	15.08 0.73 0.00	14.45 0.69 0.00	15.29 0.77 0.00	15.94 0.87 0.00	23.28 1.36 0.00	22.38 1.64 0.00	19.86 1.64 0.00	18.55 1.61 0.00	17.76 1.50 0.00	15.72 1.21 0.00	10.58 0.83 0.00	13.28 0.92 0.00	17.39 1.23 0.00	18.84 1.37 0.00	21.75 1.62 0.00	25.88 2.11 0.00	25.10 2.01 0.00	24.06 1.77 0.00	24.28 1.70 0.00	18.50 1.29 0.00	17.95 1.11 0.00	15.62 0.90 0.00
N.TROY___115KV_TB1 355778	16.22 0.61 0.00	17.26 0.65 0.00	14.88 0.54 0.00	14.31 0.54 0.00	15.13 0.61 0.00	15.74 0.67 0.00	22.89 0.97 0.00	21.77 1.04 0.00	19.10 0.89 0.00	17.76 0.81 0.00	17.00 0.73 0.00	15.08 0.56 0.00	10.12 0.37 0.00	12.81 0.45 0.00	16.80 0.63 0.00	18.23 0.75 0.00	21.05 0.93 0.00	24.94 1.17 0.00	24.18 1.09 0.00	23.26 0.98 0.00	23.63 1.06 0.00	18.05 0.85 0.00	17.61 0.78 0.00	15.34 0.62 0.00
NARROWS_GT1_1 24228	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
NARROWS_GT1_2 24229	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
NARROWS_GT1_3 24230	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
NARROWS_GT1_4 24231	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
NARROWS_GT1_5 24232	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
NARROWS_GT1_6 24233	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
NARROWS_GT1_7 24234	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00

NARROWS_GT1_8 24235	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
NARROWS_GT2_1 24236	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
NARROWS_GT2_2 24237	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
NARROWS_GT2_3 24238	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
NARROWS_GT2_4 24239	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
NARROWS_GT2_5 24240	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
NARROWS_GT2_6 24241	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
NARROWS_GT2_7 24242	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
NARROWS_GT2_8 24243	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	16.48 0.88 0.00	17.54 0.93 0.00	15.14 0.80 0.00	14.56 0.80 0.00	15.40 0.88 0.00	16.02 0.95 0.00	23.27 1.35 0.00	22.10 1.36 0.00	19.22 1.01 0.00	17.78 0.83 0.00	16.92 0.65 0.00	15.03 0.52 0.00	10.09 0.34 0.00	12.79 0.43 0.00	16.75 0.58 0.00	18.29 0.81 0.00	21.28 1.15 0.00	25.33 1.56 0.00	24.63 1.53 0.00	23.65 1.36 0.00	23.94 1.37 0.00	18.25 1.04 0.00	17.80 0.97 0.00	15.52 0.80 0.00
NCHELSEA_115KV_TR2 355582	16.47 0.87 0.00	17.49 0.88 0.00	15.11 0.76 0.00	14.49 0.73 0.00	15.33 0.82 0.00	15.98 0.91 0.00	23.34 1.42 0.00	22.32 1.58 0.00	19.68 1.46 0.00	18.35 1.41 0.00	17.54 1.28 0.00	15.53 1.01 0.00	10.44 0.69 0.00	13.13 0.77 0.00	17.25 1.08 0.00	18.72 1.25 0.00	21.63 1.51 0.00	25.75 1.98 0.00	24.97 1.87 0.00	23.97 1.69 0.00	24.23 1.65 0.00	18.46 1.25 0.00	17.94 1.10 0.00	15.62 0.90 0.00
NEG CAPITAL___MECHNVIL 23645	16.33 0.73 0.00	17.39 0.77 0.00	15.00 0.65 0.00	14.41 0.65 0.00	15.24 0.73 0.00	15.87 0.80 0.00	23.15 1.23 0.00	22.01 1.27 0.00	19.27 1.05 0.00	17.89 0.94 0.00	17.12 0.86 0.00	15.20 0.68 0.00	10.19 0.44 0.00	12.90 0.54 0.00	16.93 0.77 0.00	18.40 0.93 0.00	21.30 1.17 0.00	25.26 1.49 0.00	24.48 1.39 0.00	23.56 1.28 0.00	23.89 1.31 0.00	18.22 1.01 0.00	17.75 0.92 0.00	15.45 0.74 0.00
NEG CENTRAL_HIGH_ACRES 23767	13.45 -1.22 0.94	15.30 -1.31 0.00	13.25 -1.10 0.00	12.73 -1.03 0.00	13.40 -1.12 0.00	13.95 -1.12 0.00	20.47 -1.45 0.00	19.34 -1.39 0.00	17.00 -1.22 0.00	15.95 -0.99 0.00	15.40 -0.86 0.00	13.64 -0.87 0.00	9.17 -0.58 0.00	11.62 -0.74 0.00	15.20 -0.96 0.00	16.40 -1.07 0.00	18.84 -1.29 0.00	22.38 -1.38 0.00	21.68 -1.42 0.00	20.78 -1.50 0.00	21.10 -1.48 0.00	15.94 -1.27 0.00	15.49 -1.35 0.00	13.64 -1.07 0.00
NEG CENTRAL___DRP 24199	13.33 -0.57 1.71	16.05 -0.56 0.00	13.87 -0.48 0.00	13.30 -0.46 0.00	14.05 -0.46 0.00	14.61 -0.46 0.00	21.40 -0.52 0.00	20.29 -0.45 0.00	17.74 -0.48 0.00	16.54 -0.40 0.00	15.95 -0.32 0.00	14.12 -0.40 0.00	9.44 -0.30 0.00	11.99 -0.37 0.00	15.76 -0.40 0.00	17.09 -0.39 0.00	19.69 -0.44 0.00	23.36 -0.40 0.00	22.68 -0.41 0.00	21.80 -0.49 0.00	22.03 -0.55 0.00	16.71 -0.50 0.00	16.27 -0.57 0.00	14.29 -0.43 0.00
NEG CENTRAL___INDECK 23768	10.40 -0.77 4.43	15.93 -0.68 0.00	13.77 -0.58 0.00	13.22 -0.54 0.00	14.04 -0.47 0.00	14.53 -0.54 0.00	21.39 -0.53 0.00	20.25 -0.49 0.00	17.53 -0.69 0.00	16.39 -0.55 0.00	15.88 -0.39 0.00	13.92 -0.60 0.00	9.27 -0.48 0.00	11.81 -0.55 0.00	15.69 -0.47 0.00	17.05 -0.43 0.00	19.66 -0.47 0.00	23.37 -0.40 0.00	22.75 -0.34 0.00	21.90 -0.39 0.00	22.01 -0.56 0.00	16.59 -0.62 0.00	16.19 -0.65 0.00	14.28 -0.43 0.00

NEG CENTRAL___SENECA 23627	11.83 -0.63 3.14	16.01 -0.61 0.00	13.84 -0.51 0.00	13.27 -0.49 0.00	14.05 -0.46 0.00	14.60 -0.47 0.00	21.41 -0.51 0.00	20.30 -0.44 0.00	17.72 -0.50 0.00	16.54 -0.40 0.00	15.96 -0.31 0.00	14.09 -0.42 0.00	9.41 -0.34 0.00	11.95 -0.40 0.00	15.74 -0.42 0.00	17.07 -0.41 0.00	19.70 -0.43 0.00	23.37 -0.39 0.00	22.69 -0.39 0.00	21.83 -0.46 0.00	22.03 -0.55 0.00	16.68 -0.53 0.00	16.24 -0.60 0.00	14.28 -0.43 0.00
NEG CENTRAL___STATE_STREET 24147	15.94 -0.35 -0.69	16.27 -0.34 0.00	14.02 -0.33 0.00	13.44 -0.32 0.00	14.18 -0.33 0.00	14.76 -0.31 0.00	21.64 -0.28 0.00	20.47 -0.27 0.00	17.95 -0.27 0.00	16.68 -0.27 0.00	16.08 -0.19 0.00	14.29 -0.24 0.00	9.57 -0.18 0.00	12.13 -0.23 0.00	15.95 -0.21 0.00	17.29 -0.18 0.00	19.89 -0.24 0.00	23.62 -0.15 0.00	22.93 -0.16 0.00	21.96 -0.32 0.00	22.23 -0.35 0.00	16.87 -0.34 0.00	16.43 -0.40 0.00	14.42 -0.29 0.00
NEG MILLWOOD___DRP 24198	16.53 0.93 0.00	17.55 0.94 0.00	15.16 0.82 0.00	14.54 0.78 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.45 1.53 0.00	22.43 1.70 0.00	19.79 1.58 0.00	18.46 1.52 0.00	17.66 1.40 0.00	15.61 1.10 0.00	10.50 0.75 0.00	13.20 0.84 0.00	17.33 1.17 0.00	18.80 1.33 0.00	21.73 1.60 0.00	25.88 2.11 0.00	25.10 2.01 0.00	24.10 1.82 0.00	24.34 1.77 0.00	18.54 1.34 0.00	18.01 1.18 0.00	15.67 0.95 0.00
NEG NORTH_FLCN_SEA 23793	15.70 0.09 0.00	16.80 0.19 0.00	14.20 -0.14 0.00	-18.38 -0.36 31.77	-21.24 -0.41 35.35	-21.25 -0.49 35.83	-13.89 -0.76 35.05	9.80 -0.73 10.20	-11.33 -0.68 28.87	-14.91 -0.79 31.06	-0.15 -0.85 15.57	13.91 -0.61 0.00	9.44 -0.30 0.00	11.93 -0.43 0.00	15.57 -0.60 0.00	16.78 -0.69 0.00	19.55 -0.58 0.00	22.81 -0.96 0.00	-8.48 -1.05 30.51	-21.27 -0.89 42.67	-21.29 -0.91 42.95	-21.28 -0.66 37.83	-15.15 -0.56 31.42	14.60 -0.11 0.00
NEG NORTH_KES_CHATEGAY 23792	15.67 0.06 0.00	16.78 0.16 0.00	14.15 -0.19 0.00	-20.47 -0.38 33.85	-23.58 -0.43 37.67	-23.61 -0.51 38.18	-16.21 -0.78 37.35	9.06 -0.81 10.87	-13.27 -0.73 30.76	-17.01 -0.86 33.10	-1.22 -0.90 16.59	13.90 -0.62 0.00	9.43 -0.32 0.00	11.92 -0.44 0.00	15.55 -0.61 0.00	16.74 -0.73 0.00	19.51 -0.62 0.00	22.80 -0.97 0.00	-10.44 -1.02 32.51	-24.07 -0.90 45.46	-24.09 -0.90 45.77	-23.77 -0.67 40.31	-16.95 -0.53 33.26	14.54 -0.17 0.00
NEG NORTH___ALICE_FALLS 23915	15.79 0.19 0.00	16.90 0.29 0.00	14.28 -0.06 0.00	-18.63 -0.28 32.10	-21.52 -0.32 35.72	-21.53 -0.39 36.21	-14.09 -0.60 35.41	9.86 -0.57 10.31	-11.49 -0.54 29.17	-15.13 -0.69 31.39	-0.22 -0.76 15.73	13.99 -0.53 0.00	9.49 -0.26 0.00	11.98 -0.37 0.00	15.64 -0.53 0.00	16.87 -0.61 0.00	19.66 -0.47 0.00	22.97 -0.80 0.00	-8.60 -0.87 30.83	-21.55 -0.87 43.11	-21.57 -0.75 43.40	-21.57 -0.56 38.22	-15.34 -0.46 31.71	14.65 -0.06 0.00
NEG NORTH___LWR_SARANAC 23913	15.79 0.19 0.00	16.90 0.29 0.00	14.28 -0.06 0.00	-18.63 -0.28 32.10	-21.52 -0.32 35.72	-21.53 -0.39 36.21	-14.09 -0.60 35.41	9.86 -0.57 10.31	-11.49 -0.54 29.17	-15.13 -0.69 31.39	-0.22 -0.76 15.73	13.99 -0.53 0.00	9.49 -0.26 0.00	11.98 -0.37 0.00	15.64 -0.53 0.00	16.87 -0.61 0.00	19.66 -0.47 0.00	22.97 -0.80 0.00	-8.60 -0.87 30.83	-21.55 -0.73 43.11	-21.57 -0.75 43.40	-21.57 -0.56 38.22	-15.34 -0.46 31.71	14.65 -0.06 0.00
NEG NORTH___PLATTSBURG 23628	15.79 0.19 0.00	16.90 0.29 0.00	14.28 -0.06 0.00	-18.63 -0.28 32.10	-21.53 -0.32 35.72	-21.53 -0.39 36.21	-14.09 -0.60 35.41	9.86 -0.57 10.31	-11.49 -0.54 29.17	-15.13 -0.69 31.39	-0.22 -0.76 15.73	13.99 -0.53 0.00	9.49 -0.26 0.00	11.98 -0.37 0.00	15.64 -0.53 0.00	16.87 -0.61 0.00	19.66 -0.47 0.00	22.97 -0.80 0.00	-8.60 -0.87 30.83	-21.55 -0.73 43.11	-21.57 -0.75 43.40	-21.58 -0.56 38.22	-15.34 -0.46 31.71	14.65 -0.06 0.00
NEG WEST_LEA_LOCKPORT 23791	12.29 -1.71 1.60	14.70 -1.91 0.00	12.79 -1.56 0.00	12.31 -1.45 0.00	12.92 -1.60 0.00	13.42 -1.65 0.00	19.80 -2.12 0.00	18.60 -2.14 0.00	16.44 -1.78 0.00	15.58 -1.37 0.00	15.15 -1.11 0.00	13.40 -1.12 0.00	9.02 -0.73 0.00	11.36 -1.00 0.00	14.77 -1.40 0.00	15.84 -1.63 0.00	18.15 -1.98 0.00	21.64 -2.13 0.00	20.90 -2.19 0.00	19.95 -2.33 0.00	20.35 -2.23 0.00	15.26 -1.95 0.00	14.81 -2.03 0.00	13.20 -1.51 0.00
NEG WEST___LANCASTER 23811	12.69 -0.84 2.07	15.68 -0.93 0.00	13.62 -0.72 0.00	13.09 -0.67 0.00	13.77 -0.75 0.00	14.29 -0.78 0.00	21.01 -0.91 0.00	19.81 -0.93 0.00	17.47 -0.75 0.00	16.56 -0.38 0.00	16.15 -0.12 0.00	14.27 -0.25 0.00	9.59 -0.17 0.00	12.06 -0.30 0.00	15.70 -0.46 0.00	16.85 -0.62 0.00	19.37 -0.75 0.00	23.05 -0.72 0.00	22.22 -0.87 0.00	21.23 -1.06 0.00	21.59 -0.99 0.00	16.24 -0.97 0.00	15.84 -0.99 0.00	14.08 -0.64 0.00
NEG_PENN_ALLEGHNY 23528	15.26 -0.34 0.00	16.32 -0.30 0.00	14.12 -0.23 0.00	13.52 -0.24 0.00	14.31 -0.20 0.00	14.86 -0.21 0.00	21.71 -0.21 0.00	20.61 -0.13 0.00	18.05 -0.17 0.00	16.88 -0.07 0.00	16.29 0.03 0.00	14.42 -0.10 0.00	9.64 -0.11 0.00	12.20 -0.16 0.00	16.02 -0.14 0.00	17.35 -0.12 0.00	20.02 -0.11 0.00	23.75 -0.01 0.00	23.03 -0.06 0.00	22.15 -0.14 0.00	22.39 -0.19 0.00	17.02 -0.19 0.00	16.58 -0.25 0.00	14.56 -0.16 0.00
NEG___GEN_MONROE 24207	13.29 -1.05 1.26	15.46 -1.15 0.00	13.40 -0.94 0.00	12.88 -0.88 0.00	13.55 -0.96 0.00	14.10 -0.97 0.00	20.74 -1.18 0.00	19.57 -1.17 0.00	17.21 -1.01 0.00	16.19 -0.76 0.00	15.66 -0.60 0.00	13.86 -0.66 0.00	9.32 -0.43 0.00	11.82 -0.54 0.00	15.43 -0.73 0.00	16.61 -0.86 0.00	19.08 -1.05 0.00	22.68 -1.08 0.00	21.96 -1.13 0.00	21.03 -1.26 0.00	21.37 -1.21 0.00	16.09 -1.11 0.00	15.63 -1.21 0.00	13.81 -0.91 0.00
NEPA___ENERGY 23901	12.07 -1.48 2.04	15.09 -1.52 0.00	13.18 -1.16 0.00	12.60 -1.16 0.00	13.27 -1.25 0.00	13.80 -1.27 0.00	20.34 -1.58 0.00	19.26 -1.48 0.00	16.86 -1.36 0.00	15.94 -1.01 0.00	15.57 -0.70 0.00	13.73 -0.79 0.00	9.14 -0.61 0.00	11.52 -0.84 0.00	15.04 -1.13 0.00	16.13 -1.34 0.00	18.59 -1.54 0.00	22.21 -1.55 0.00	21.46 -1.63 0.00	20.48 -1.80 0.00	20.78 -1.80 0.00	15.67 -1.54 0.00	15.22 -1.61 0.00	13.58 -1.14 0.00
NEVERSINK___HYD 23608	16.29 0.69 0.00	17.28 0.67 0.00	14.94 0.59 0.00	14.33 0.57 0.00	15.16 0.65 0.00	15.81 0.74 0.00	23.14 1.22 0.00	22.12 1.38 0.00	19.46 1.24 0.00	18.12 1.18 0.00	17.27 1.00 0.00	15.17 0.65 0.00	9.97 0.22 0.00	12.40 0.05 0.00	16.33 0.17 0.00	17.76 0.29 0.00	20.54 0.41 0.00	24.55 0.78 0.00	23.83 0.73 0.00	22.97 0.69 0.00	23.98 1.40 0.00	18.25 1.04 0.00	17.72 0.89 0.00	15.42 0.71 0.00
NEWKRMKL_115KV_TB1 55635	16.13 0.53 0.00	17.16 0.55 0.00	14.81 0.46 0.00	14.23 0.47 0.00	15.05 0.53 0.00	15.64 0.57 0.00	22.64 0.72 0.00	21.58 0.84 0.00	18.95 0.73 0.00	17.70 0.76 0.00	16.88 0.61 0.00	15.03 0.52 0.00	10.09 0.34 0.00	12.76 0.40 0.00	16.68 0.52 0.00	18.10 0.63 0.00	20.88 0.75 0.00	24.75 0.98 0.00	24.00 0.91 0.00	23.07 0.78 0.00	23.40 0.82 0.00	17.87 0.66 0.00	17.46 0.63 0.00	15.23 0.52 0.00

NEWTON___FALLS_HYD 23847	15.28 -0.32 0.00	16.27 -0.34 0.00	14.06 -0.29 0.00	16.79 -0.30 -3.33	17.87 -0.35 -3.71	18.38 -0.45 -3.76	24.89 -0.71 -3.68	21.04 -0.76 -1.07	20.44 -0.80 -3.03	19.34 -0.86 -3.26	17.03 -0.87 -1.63	13.79 -0.72 0.00	9.26 -0.49 0.00	11.71 -0.65 0.00	15.33 -0.83 0.00	16.73 -0.75 0.00	19.23 -0.90 0.00	22.81 -0.96 0.00	25.47 -0.82 -3.20	25.98 -0.78 -4.48	26.24 -0.84 -4.51	20.49 -0.68 -3.97	17.92 -0.48 -1.57	14.39 -0.32 0.00
NGRID_A1_DSASP 323792	11.97 -2.00 1.63	14.48 -2.14 0.00	12.60 -1.74 0.00	12.13 -1.64 0.00	12.73 -1.79 0.00	13.21 -1.86 0.00	19.48 -2.44 0.00	18.26 -2.47 0.00	16.17 -2.04 0.00	15.34 -1.61 0.00	14.93 -1.33 0.00	13.20 -1.31 0.00	8.90 -0.85 0.00	11.21 -1.15 0.00	14.53 -1.63 0.00	15.51 -1.96 0.00	17.73 -2.40 0.00	21.13 -2.64 0.00	20.41 -2.68 0.00	19.49 -2.79 0.00	19.92 -2.66 0.00	14.93 -2.27 0.00	14.51 -2.33 0.00	13.04 -1.68 0.00
NGRID_A2_DSASP 323793	11.97 -2.00 1.63	14.48 -2.14 0.00	12.60 -1.74 0.00	12.13 -1.64 0.00	12.73 -1.79 0.00	13.21 -1.86 0.00	19.48 -2.44 0.00	18.26 -2.47 0.00	16.17 -2.04 0.00	15.34 -1.61 0.00	14.93 -1.33 0.00	13.20 -1.31 0.00	8.90 -0.85 0.00	11.21 -1.15 0.00	14.53 -1.63 0.00	15.51 -1.96 0.00	17.73 -2.40 0.00	21.13 -2.64 0.00	20.41 -2.68 0.00	19.49 -2.79 0.00	19.92 -2.66 0.00	14.93 -2.27 0.00	14.51 -2.33 0.00	13.04 -1.68 0.00
NGRID_A4_DSASP 323807	11.97 -2.00 1.63	14.48 -2.14 0.00	12.60 -1.74 0.00	12.13 -1.64 0.00	12.73 -1.79 0.00	13.21 -1.86 0.00	19.48 -2.44 0.00	18.26 -2.47 0.00	16.17 -2.04 0.00	15.34 -1.61 0.00	14.93 -1.33 0.00	13.20 -1.31 0.00	8.90 -0.85 0.00	11.21 -1.15 0.00	14.53 -1.63 0.00	15.51 -1.96 0.00	17.73 -2.40 0.00	21.13 -2.64 0.00	20.41 -2.68 0.00	19.49 -2.79 0.00	19.92 -2.66 0.00	14.93 -2.27 0.00	14.51 -2.33 0.00	13.04 -1.68 0.00
NIAGARA_115E_LBMP 323715	12.01 -1.94 1.65	14.44 -2.17 0.00	12.58 -1.76 0.00	12.10 -1.66 0.00	12.70 -1.81 0.00	13.19 -1.88 0.00	19.46 -2.46 0.00	18.24 -2.50 0.00	16.14 -2.08 0.00	15.31 -1.64 0.00	14.88 -1.39 0.00	13.16 -1.36 0.00	8.87 -0.88 0.00	11.17 -1.19 0.00	14.51 -1.66 0.00	15.56 -1.91 0.00	17.81 -2.32 0.00	21.22 -2.55 0.00	20.50 -2.59 0.00	19.58 -2.71 0.00	19.99 -2.59 0.00	14.99 -2.22 0.00	14.56 -2.27 0.00	12.98 -1.73 0.00
NIAGARA_115W_LBMP 323714	11.94 -2.03 1.63	14.45 -2.17 0.00	12.58 -1.76 0.00	12.10 -1.66 0.00	12.71 -1.81 0.00	13.19 -1.88 0.00	19.44 -2.48 0.00	18.23 -2.51 0.00	16.14 -2.08 0.00	15.31 -1.63 0.00	14.90 -1.37 0.00	13.18 -1.34 0.00	8.88 -0.87 0.00	11.18 -1.18 0.00	14.50 -1.66 0.00	15.47 -2.00 0.00	17.69 -2.44 0.00	21.07 -2.70 0.00	20.36 -2.73 0.00	19.44 -2.84 0.00	19.86 -2.72 0.00	14.90 -2.31 0.00	14.47 -2.36 0.00	13.02 -1.70 0.00
NIAGARA_230_LBMP 323716	12.17 -1.84 1.60	14.62 -2.00 0.00	12.72 -1.63 0.00	12.23 -1.53 0.00	12.84 -1.67 0.00	13.33 -1.74 0.00	19.64 -2.28 0.00	18.45 -2.28 0.00	16.33 -1.89 0.00	15.48 -1.46 0.00	15.06 -1.21 0.00	13.31 -1.21 0.00	8.97 -0.79 0.00	11.29 -1.07 0.00	14.67 -1.49 0.00	15.73 -1.75 0.00	18.00 -2.13 0.00	21.42 -2.34 0.00	20.71 -2.39 0.00	19.78 -2.51 0.00	20.20 -2.37 0.00	15.16 -2.05 0.00	14.72 -2.12 0.00	13.13 -1.59 0.00
NIAGARA___115KV_198_GIBSON 55903	11.96 -2.01 1.63	14.45 -2.16 0.00	12.58 -1.76 0.00	12.10 -1.66 0.00	12.71 -1.81 0.00	13.19 -1.88 0.00	19.44 -2.48 0.00	18.23 -2.51 0.00	16.14 -2.08 0.00	15.31 -1.64 0.00	14.90 -1.37 0.00	13.18 -1.34 0.00	8.88 -0.87 0.00	11.19 -1.17 0.00	14.50 -1.66 0.00	15.47 -2.00 0.00	17.69 -2.44 0.00	21.07 -2.70 0.00	20.36 -2.74 0.00	19.44 -2.85 0.00	19.84 -2.73 0.00	14.89 -2.31 0.00	14.47 -2.36 0.00	13.02 -1.70 0.00
NIAGARA____ 23760	12.16 -1.84 1.61	14.62 -2.00 0.00	12.72 -1.63 0.00	12.23 -1.53 0.00	12.84 -1.67 0.00	13.33 -1.74 0.00	19.64 -2.28 0.00	18.45 -2.28 0.00	16.33 -1.89 0.00	15.48 -1.46 0.00	15.06 -1.21 0.00	13.31 -1.21 0.00	8.97 -0.79 0.00	11.29 -1.07 0.00	14.67 -1.49 0.00	15.73 -1.75 0.00	18.00 -2.13 0.00	21.42 -2.34 0.00	20.71 -2.39 0.00	19.78 -2.51 0.00	20.20 -2.37 0.00	15.16 -2.05 0.00	14.72 -2.12 0.00	13.13 -1.59 0.00
NINE_MILE_1 23575	14.86 -0.74 0.00	15.83 -0.79 0.00	13.68 -0.66 0.00	13.13 -0.63 0.00	13.81 -0.70 0.00	14.36 -0.72 0.00	20.91 -1.01 0.00	19.79 -0.94 0.00	17.39 -0.83 0.00	16.28 -0.66 0.00	15.69 -0.58 0.00	13.95 -0.57 0.00	9.36 -0.39 0.00	11.86 -0.50 0.00	15.51 -0.65 0.00	16.77 -0.70 0.00	19.26 -0.87 0.00	22.78 -0.98 0.00	22.10 -0.99 0.00	21.29 -1.00 0.00	21.56 -1.01 0.00	16.43 -0.77 0.00	16.04 -0.80 0.00	14.06 -0.65 0.00
NINE_MILE_2 23744	14.87 -0.73 0.00	15.83 -0.78 0.00	13.68 -0.66 0.00	13.13 -0.63 0.00	13.82 -0.70 0.00	14.36 -0.71 0.00	20.91 -1.01 0.00	19.80 -0.94 0.00	17.39 -0.83 0.00	16.29 -0.66 0.00	15.69 -0.58 0.00	13.95 -0.57 0.00	9.36 -0.39 0.00	11.86 -0.49 0.00	15.51 -0.65 0.00	16.77 -0.70 0.00	19.26 -0.86 0.00	22.78 -0.98 0.00	22.11 -0.98 0.00	21.29 -1.00 0.00	21.57 -1.00 0.00	16.44 -0.77 0.00	16.04 -0.79 0.00	14.07 -0.65 0.00
NM_CAPITAL___DRP 24208	16.13 0.53 0.00	17.16 0.55 0.00	14.81 0.46 0.00	14.23 0.47 0.00	15.05 0.53 0.00	15.64 0.57 0.00	22.66 0.74 0.00	21.58 0.84 0.00	18.96 0.74 0.00	17.70 0.75 0.00	16.89 0.63 0.00	15.03 0.51 0.00	10.09 0.34 0.00	12.76 0.40 0.00	16.70 0.53 0.00	18.11 0.64 0.00	20.89 0.76 0.00	24.75 0.98 0.00	23.99 0.90 0.00	23.07 0.78 0.00	23.41 0.83 0.00	17.89 0.68 0.00	17.47 0.64 0.00	15.24 0.52 0.00
NM_CENTRAL___DRP 24181	15.07 -0.53 0.00	16.04 -0.57 0.00	13.88 -0.47 0.00	13.31 -0.45 0.00	14.02 -0.49 0.00	14.59 -0.48 0.00	21.29 -0.64 0.00	20.16 -0.57 0.00	17.69 -0.52 0.00	16.56 -0.39 0.00	15.95 -0.32 0.00	14.16 -0.36 0.00	9.50 -0.25 0.00	12.03 -0.32 0.00	15.76 -0.41 0.00	17.06 -0.42 0.00	19.62 -0.51 0.00	23.25 -0.52 0.00	22.54 -0.55 0.00	21.69 -0.60 0.00	21.96 -0.62 0.00	16.71 -0.50 0.00	16.27 -0.56 0.00	14.27 -0.45 0.00
NM_FRONTIER___DRP 24179	11.96 -2.01 1.63	14.45 -2.16 0.00	12.58 -1.76 0.00	12.10 -1.66 0.00	12.71 -1.81 0.00	13.19 -1.88 0.00	19.44 -2.48 0.00	18.23 -2.51 0.00	16.14 -2.08 0.00	15.31 -1.64 0.00	14.90 -1.37 0.00	13.18 -1.34 0.00	8.88 -0.87 0.00	11.19 -1.17 0.00	14.50 -1.66 0.00	15.47 -2.00 0.00	17.69 -2.44 0.00	21.07 -2.70 0.00	20.36 -2.74 0.00	19.44 -2.85 0.00	19.84 -2.73 0.00	14.89 -2.31 0.00	14.47 -2.36 0.00	13.02 -1.70 0.00
NM_ST_REGIS___HYD 24053	15.68 0.08 0.00	16.75 0.13 0.00	14.34 0.00 0.00	22.07 -0.07 -8.38	23.73 -0.11 -9.32	24.25 -0.27 -9.45	30.62 -0.55 -9.24	22.80 -0.62 -2.69	25.23 -0.60 -7.61	24.43 -0.71 -8.19	19.60 -0.77 -4.11	13.98 -0.54 0.00	9.42 -0.33 0.00	11.95 -0.41 0.00	15.60 -0.56 0.00	16.85 -0.62 0.00	19.42 -0.71 0.00	22.93 -0.83 0.00	30.41 -0.73 -8.05	32.92 -0.62 -11.25	33.25 -0.66 -11.33	26.66 -0.52 -9.97	21.91 -0.25 -5.33	14.66 -0.05 0.00

NORTHPORT___1 23551	16.73 1.12 0.00	17.77 1.16 0.00	15.35 1.01 0.00	14.68 0.92 0.00	15.54 1.03 0.00	16.17 1.10 0.00	23.54 1.62 0.00	22.48 1.74 0.00	19.85 1.63 0.00	18.56 1.62 0.00	17.87 1.60 0.00	15.78 1.26 0.00	10.61 0.86 0.00	13.28 0.93 0.00	17.48 1.31 0.00	18.96 1.48 0.00	21.90 1.77 0.00	26.08 2.31 0.00	25.26 2.17 0.00	24.28 1.99 0.00	24.56 1.98 0.00	18.87 1.55 -0.11	20.55 1.44 -2.28	15.84 1.13 0.00
NORTHPORT___2 23552	16.73 1.12 0.00	17.77 1.16 0.00	15.35 1.01 0.00	14.68 0.92 0.00	15.54 1.03 0.00	16.17 1.10 0.00	23.54 1.62 0.00	22.48 1.74 0.00	19.85 1.63 0.00	18.56 1.62 0.00	17.87 1.60 0.00	15.78 1.26 0.00	10.61 0.86 0.00	13.28 0.93 0.00	17.48 1.31 0.00	18.96 1.48 0.00	21.90 1.77 0.00	26.08 2.31 0.00	25.26 2.17 0.00	24.28 1.99 0.00	24.56 1.98 0.00	18.87 1.55 -0.11	20.55 1.44 -2.28	15.84 1.13 0.00
NORTHPORT___3 23553	16.64 1.04 0.00	17.68 1.07 0.00	15.27 0.92 0.00	14.61 0.85 0.00	15.47 0.95 0.00	16.11 1.04 0.00	23.47 1.55 0.00	22.43 1.70 0.00	19.80 1.58 0.00	18.48 1.53 0.00	17.78 1.52 0.00	15.71 1.19 0.00	10.56 0.81 0.00	13.23 0.87 0.00	17.40 1.24 0.00	18.88 1.41 0.00	21.83 1.70 0.00	26.01 2.24 0.00	25.19 2.10 0.00	24.22 1.94 0.00	24.49 1.92 0.00	18.79 1.47 -0.11	20.46 1.35 -2.28	15.77 1.05 0.00
NORTHPORT___4 23650	16.64 1.04 0.00	17.68 1.07 0.00	15.27 0.92 0.00	14.61 0.85 0.00	15.47 0.95 0.00	16.11 1.04 0.00	23.47 1.55 0.00	22.43 1.70 0.00	19.80 1.58 0.00	18.48 1.53 0.00	17.78 1.52 0.00	15.71 1.19 0.00	10.56 0.81 0.00	13.23 0.87 0.00	17.40 1.24 0.00	18.88 1.41 0.00	21.83 1.70 0.00	26.01 2.24 0.00	25.19 2.10 0.00	24.22 1.94 0.00	24.49 1.92 0.00	18.79 1.47 -0.11	20.46 1.35 -2.28	15.77 1.05 0.00
NORTHPORT___IC 23718	16.73 1.12 0.00	17.77 1.16 0.00	15.35 1.01 0.00	14.68 0.92 0.00	15.54 1.03 0.00	16.17 1.10 0.00	23.55 1.62 0.00	22.48 1.74 0.00	19.85 1.63 0.00	18.56 1.62 0.00	17.87 1.60 0.00	15.78 1.26 0.00	10.61 0.86 0.00	13.28 0.93 0.00	17.48 1.31 0.00	18.96 1.49 0.00	21.90 1.77 0.00	26.08 2.31 0.00	25.26 2.17 0.00	24.28 1.99 0.00	24.56 1.98 0.00	18.87 1.55 -0.11	20.55 1.44 -2.28	15.84 1.13 0.00
NORTH___COUNTRY_ESR 323785	15.62 0.01 0.00	16.72 0.11 0.00	14.12 -0.23 0.00	-20.57 -0.43 33.90	-23.69 -0.48 37.72	-23.73 -0.56 38.23	-16.35 -0.88 37.40	8.95 -0.91 10.88	-13.39 -0.81 30.80	-17.12 -0.92 33.14	-1.29 -0.94 16.61	13.87 -0.65 0.00	9.41 -0.33 0.00	11.89 -0.47 0.00	15.51 -0.66 0.00	16.71 -0.77 0.00	19.44 -0.69 0.00	22.70 -1.07 0.00	-10.58 -1.12 32.55	-24.24 -1.00 45.52	-24.25 -1.00 45.83	-23.90 -0.75 40.36	-17.06 -0.60 33.30	14.48 -0.23 0.00
NPX_GEN_1385_PROXY 323591	16.67 1.07 0.00	17.82 1.21 0.00	15.35 1.01 0.00	14.67 0.91 0.00	15.54 1.03 0.00	16.17 1.10 0.00	23.46 1.54 0.00	22.41 1.67 0.00	19.86 1.64 0.00	18.48 1.54 0.00	17.79 1.52 0.00	15.76 1.24 0.00	10.57 0.82 0.00	13.25 0.89 0.00	17.40 1.24 0.00	18.88 1.41 0.00	21.81 1.69 0.00	25.95 2.18 0.00	25.17 2.08 0.00	24.14 1.85 0.00	24.48 1.90 0.00	18.81 1.48 -0.11	20.49 1.38 -2.28	15.80 1.08 0.00
NPX_GEN_CSC 323557	16.85 1.25 0.00	17.96 1.34 0.00	15.54 1.19 0.00	14.86 1.10 0.00	82.40 1.23 -66.66	16.36 1.30 0.00	23.83 1.91 0.00	22.73 1.99 0.00	20.01 1.80 0.00	18.63 1.68 0.00	17.87 1.61 0.00	15.72 1.20 0.00	10.59 0.84 0.00	13.20 0.85 0.00	17.36 1.20 0.00	18.87 1.40 0.00	21.93 1.80 0.00	26.26 2.50 0.00	25.51 2.42 0.00	24.55 2.26 0.00	24.80 2.22 0.00	19.02 1.70 -0.11	20.73 1.62 -2.28	15.97 1.26 0.00
NSINS_S_GLNS_FALLS 23858	16.37 0.77 0.00	17.45 0.84 0.00	15.04 0.70 0.00	14.46 0.69 0.00	15.31 0.79 0.00	15.96 0.89 0.00	23.33 1.41 0.00	22.15 1.42 0.00	19.34 1.13 0.00	17.86 0.92 0.00	17.12 0.85 0.00	15.27 0.75 0.00	10.20 0.46 0.00	12.88 0.52 0.00	16.94 0.78 0.00	18.52 1.04 0.00	21.45 1.32 0.00	25.38 1.61 0.00	24.60 1.51 0.00	23.72 1.44 0.00	24.04 1.46 0.00	18.34 1.13 0.00	17.86 1.02 0.00	15.49 0.78 0.00
NUCOR_STEEL___DRP 24197	16.09 -0.35 -0.84	16.27 -0.34 0.00	14.01 -0.34 0.00	13.43 -0.33 0.00	14.17 -0.35 0.00	14.74 -0.33 0.00	21.63 -0.29 0.00	20.45 -0.28 0.00	17.94 -0.27 0.00	16.67 -0.27 0.00	16.08 -0.19 0.00	14.29 -0.23 0.00	9.57 -0.18 0.00	12.14 -0.22 0.00	15.95 -0.21 0.00	17.29 -0.18 0.00	19.88 -0.25 0.00	23.61 -0.16 0.00	22.92 -0.16 0.00	21.94 -0.35 0.00	22.20 -0.37 0.00	16.86 -0.35 0.00	16.42 -0.41 0.00	14.41 -0.30 0.00
NUMBER_THREE_WT_PWR 323818	15.04 -0.56 0.00	16.00 -0.61 0.00	13.91 -0.44 0.00	14.78 -0.44 -1.46	15.64 -0.50 -1.63	16.21 -0.51 -1.65	22.86 -0.67 -1.61	20.50 -0.71 -0.47	18.75 -0.79 -1.33	17.54 -0.83 -1.43	16.20 -0.79 -0.71	13.81 -0.70 0.00	9.25 -0.51 0.00	11.65 -0.71 0.00	15.28 -0.88 0.00	16.80 -0.68 0.00	19.29 -0.84 0.00	22.90 -0.87 0.00	23.76 -0.73 -1.40	23.47 -0.78 -1.96	23.70 -0.85 -1.97	18.25 -0.70 -1.74	17.01 -0.59 -0.76	14.29 -0.43 0.00
NYISO_LBMP_REFERENCE 24008	15.60 0.00 0.00	16.61 0.00 0.00	14.35 0.00 0.00	13.76 0.00 0.00	14.51 0.00 0.00	15.07 0.00 0.00	21.92 0.00 0.00	20.74 0.00 0.00	18.22 0.00 0.00	16.95 0.00 0.00	16.27 0.00 0.00	14.52 0.00 0.00	9.75 0.00 0.00	12.36 0.00 0.00	16.16 0.00 0.00	17.47 0.00 0.00	20.13 0.00 0.00	23.77 0.00 0.00	23.09 0.00 0.00	22.29 0.00 0.00	22.58 0.00 0.00	17.20 0.00 0.00	16.83 0.00 0.00	14.72 0.00 0.00
NYPA_BRENTWD___GT 24164	16.87 1.27 0.00	17.92 1.31 0.00	15.48 1.14 0.00	14.81 1.05 0.00	15.68 1.17 0.00	16.33 1.27 0.00	23.82 1.90 0.00	22.76 2.03 0.00	20.08 1.86 0.00	18.73 1.78 0.00	18.00 1.73 0.00	15.88 1.37 0.00	10.68 0.93 0.00	13.36 1.01 0.00	17.60 1.44 0.00	19.11 1.64 0.00	22.13 2.00 0.00	26.41 2.64 0.00	25.62 2.53 0.00	24.62 2.34 0.00	24.88 2.31 0.00	19.08 1.76 -0.11	20.74 1.63 -2.28	15.99 1.28 0.00
NYPA_GOWANUS___GT5 24156	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00
NYPA_GOWANUS___GT6 24157	16.55 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.79 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.83 1.30 -0.01	10.66 0.89 -0.01	13.34 0.97 -0.01	17.48 1.32 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00

NYPA_HARLEM__RVR__GT1 24160	16.46 0.86 0.00	17.43 0.81 0.00	15.08 0.73 0.00	14.45 0.69 0.00	15.28 0.77 0.00	15.93 0.87 0.00	23.25 1.32 0.00	22.33 1.60 0.00	19.82 1.60 0.00	18.51 1.57 0.00	17.74 1.47 0.00	15.70 1.17 -0.01	10.57 0.81 -0.01	13.26 0.89 -0.01	17.35 1.19 0.00	18.79 1.32 0.00	21.70 1.57 0.00	25.82 2.05 0.00	25.05 1.96 0.00	24.01 1.72 0.00	24.23 1.65 0.00	18.47 1.26 0.00	17.92 1.09 0.00	15.60 0.88 0.00
NYPA_HARLEM__RVR__GT2 24161	16.46 0.86 0.00	17.43 0.81 0.00	15.08 0.73 0.00	14.45 0.69 0.00	15.28 0.77 0.00	15.93 0.87 0.00	23.25 1.32 0.00	22.33 1.60 0.00	19.82 1.60 0.00	18.51 1.57 0.00	17.74 1.47 0.00	15.70 1.17 -0.01	10.57 0.81 -0.01	13.26 0.89 -0.01	17.35 1.19 0.00	18.79 1.32 0.00	21.70 1.57 0.00	25.82 2.05 0.00	25.05 1.96 0.00	24.01 1.72 0.00	24.23 1.65 0.00	18.47 1.26 0.00	17.92 1.09 0.00	15.60 0.88 0.00
NYPA_KENT____GT 24152	16.52 0.92 0.00	17.49 0.87 0.00	15.15 0.80 0.00	14.52 0.76 0.00	15.36 0.85 0.00	16.03 0.96 0.00	23.37 1.44 0.00	22.44 1.70 0.00	19.89 1.67 0.00	18.61 1.66 0.00	17.85 1.58 0.00	15.80 1.28 -0.01	10.64 0.88 -0.01	13.33 0.96 -0.01	17.44 1.28 0.00	18.90 1.43 0.00	21.81 1.68 0.00	25.96 2.20 0.00	54.62 2.08 -29.46	196.02 1.86 -171.87	24.36 1.78 0.00	18.58 1.37 0.00	18.03 1.20 0.00	15.71 0.99 0.00
NYPA_POUCH1____GT 24155	16.51 0.91 0.00	17.48 0.87 0.00	15.13 0.79 0.00	14.52 0.76 0.00	15.35 0.84 0.00	16.02 0.95 0.00	23.39 1.46 0.00	22.44 1.71 0.00	19.89 1.67 0.00	18.59 1.65 0.00	17.83 1.56 0.00	15.77 1.25 -0.01	10.61 0.85 -0.01	13.28 0.91 -0.01	17.40 1.24 0.00	18.87 1.40 0.00	21.78 1.65 0.00	25.93 2.16 0.00	44.78 2.05 -19.64	138.71 1.84 -114.58	24.34 1.77 0.00	18.57 1.37 0.00	18.03 1.19 0.00	15.69 0.98 0.00
NYPA_VERNON____GT2 24162	16.50 0.90 0.00	17.46 0.84 0.00	15.12 0.77 0.00	14.50 0.74 0.00	15.33 0.82 0.00	16.00 0.93 0.00	23.31 1.39 0.00	22.39 1.65 0.00	19.85 1.63 0.00	18.57 1.63 0.00	17.81 1.54 0.00	15.77 1.24 -0.01	10.62 0.86 -0.01	13.31 0.95 -0.01	17.42 1.26 0.00	18.86 1.39 0.00	21.76 1.63 0.00	25.90 2.14 0.00	25.11 2.02 0.00	24.08 1.79 0.00	24.30 1.73 0.00	18.54 1.33 0.00	17.99 1.15 0.00	15.67 0.96 0.00
NYPA_VERNON____GT3 24163	16.50 0.90 0.00	17.46 0.84 0.00	15.12 0.77 0.00	14.50 0.74 0.00	15.33 0.82 0.00	16.00 0.93 0.00	23.31 1.39 0.00	22.39 1.65 0.00	19.85 1.63 0.00	18.57 1.63 0.00	17.81 1.54 0.00	15.77 1.24 -0.01	10.62 0.86 -0.01	13.31 0.95 -0.01	17.42 1.26 0.00	18.86 1.39 0.00	21.76 1.63 0.00	25.90 2.14 0.00	25.11 2.02 0.00	24.08 1.79 0.00	24.30 1.73 0.00	18.54 1.33 0.00	17.99 1.15 0.00	15.67 0.96 0.00
NYPA__ASTORIA_CC1 323568	16.47 0.87 0.00	17.44 0.83 0.00	15.11 0.77 0.00	14.49 0.73 0.00	15.32 0.81 0.00	15.98 0.91 0.00	23.29 1.37 0.00	22.37 1.63 0.00	19.83 1.61 0.00	18.55 1.61 0.00	17.79 1.52 0.00	15.76 1.23 -0.01	10.61 0.86 -0.01	13.30 0.94 -0.01	17.40 1.24 0.00	18.84 1.37 0.00	21.74 1.61 0.00	25.87 2.11 0.00	25.09 1.99 0.00	24.06 1.77 0.00	24.27 1.70 0.00	18.51 1.31 0.00	17.96 1.13 0.00	15.66 0.95 0.00
NYPA__ASTORIA_CC2 323569	16.47 0.87 0.00	17.44 0.83 0.00	15.11 0.77 0.00	14.49 0.73 0.00	15.32 0.81 0.00	15.98 0.91 0.00	23.29 1.37 0.00	22.37 1.63 0.00	19.83 1.61 0.00	18.55 1.61 0.00	17.79 1.52 0.00	15.76 1.23 -0.01	10.61 0.86 -0.01	13.30 0.94 -0.01	17.40 1.24 0.00	18.84 1.37 0.00	21.74 1.61 0.00	25.87 2.11 0.00	25.09 1.99 0.00	24.06 1.77 0.00	24.27 1.70 0.00	18.51 1.31 0.00	17.96 1.13 0.00	15.66 0.95 0.00
NYPA__HOLTSVILL 23794	16.80 1.20 0.00	17.86 1.25 0.00	15.44 1.09 0.00	14.77 1.01 0.00	15.64 1.12 0.00	16.28 1.21 0.00	23.73 1.80 0.00	22.64 1.91 0.00	19.97 1.76 0.00	18.62 1.67 0.00	17.88 1.61 0.00	15.77 1.25 0.00	10.61 0.86 0.00	13.26 0.90 0.00	17.45 1.29 0.00	18.95 1.47 0.00	21.94 1.82 0.00	26.22 2.45 0.00	25.46 2.37 0.00	24.49 2.20 0.00	24.74 2.16 0.00	18.98 1.66 -0.11	20.67 1.56 -2.28	15.93 1.22 0.00
NYPA__HELLGATE_GT1 24158	16.46 0.86 0.00	17.43 0.81 0.00	15.08 0.73 0.00	14.45 0.69 0.00	15.28 0.77 0.00	15.93 0.87 0.00	23.25 1.32 0.00	22.33 1.60 0.00	19.82 1.60 0.00	18.51 1.57 0.00	17.74 1.47 0.00	15.70 1.17 -0.01	10.57 0.81 -0.01	13.26 0.89 -0.01	17.35 1.19 0.00	18.79 1.32 0.00	21.70 1.57 0.00	25.82 2.05 0.00	25.05 1.96 0.00	24.01 1.73 0.00	24.23 1.65 0.00	18.47 1.26 0.00	17.92 1.09 0.00	15.60 0.88 0.00
NYPA__HELLGATE_GT2 24159	16.46 0.86 0.00	17.43 0.81 0.00	15.08 0.73 0.00	14.45 0.69 0.00	15.28 0.77 0.00	15.93 0.87 0.00	23.25 1.32 0.00	22.33 1.60 0.00	19.82 1.60 0.00	18.51 1.57 0.00	17.74 1.47 0.00	15.70 1.17 -0.01	10.57 0.81 -0.01	13.26 0.89 -0.01	17.35 1.19 0.00	18.79 1.32 0.00	21.70 1.57 0.00	25.82 2.05 0.00	25.05 1.96 0.00	24.01 1.73 0.00	24.23 1.65 0.00	18.47 1.26 0.00	17.92 1.09 0.00	15.60 0.88 0.00
NYS_BARGE__HYD 23848	12.31 -1.71 1.59	14.71 -1.90 0.00	12.80 -1.54 0.00	12.31 -1.45 0.00	12.93 -1.58 0.00	13.44 -1.63 0.00	19.84 -2.09 0.00	18.62 -2.12 0.00	16.46 -1.76 0.00	15.59 -1.36 0.00	15.15 -1.11 0.00	13.40 -1.12 0.00	9.03 -0.73 0.00	11.37 -0.99 0.00	14.78 -1.38 0.00	15.86 -1.61 0.00	18.17 -1.96 0.00	21.66 -2.11 0.00	20.93 -2.15 0.00	19.98 -2.31 0.00	20.39 -2.18 0.00	15.28 -1.93 0.00	14.82 -2.01 0.00	13.22 -1.50 0.00
OAK_ORCHARD__HYD 24046	13.26 -1.10 1.25	15.42 -1.19 0.00	13.36 -0.98 0.00	12.84 -0.92 0.00	13.51 -1.00 0.00	14.05 -1.02 0.00	20.64 -1.28 0.00	19.49 -1.24 0.00	17.15 -1.07 0.00	16.14 -0.80 0.00	15.62 -0.65 0.00	13.83 -0.69 0.00	9.30 -0.45 0.00	11.78 -0.58 0.00	15.37 -0.79 0.00	16.56 -0.92 0.00	19.00 -1.13 0.00	22.57 -1.20 0.00	21.87 -1.22 0.00	20.95 -1.34 0.00	21.29 -1.29 0.00	16.05 -1.16 0.00	15.59 -1.24 0.00	13.76 -0.95 0.00
OAKDALE__35_KV_LOAD 356122	14.79 -0.34 0.48	16.31 -0.30 0.00	14.11 -0.23 0.00	13.52 -0.24 0.00	14.31 -0.21 0.00	14.85 -0.23 0.00	21.68 -0.24 0.00	20.58 -0.16 0.00	18.03 -0.18 0.00	16.87 -0.08 0.00	16.29 0.02 0.00	14.42 -0.10 0.00	9.65 -0.11 0.00	12.20 -0.16 0.00	16.01 -0.15 0.00	17.33 -0.14 0.00	20.00 -0.13 0.00	23.71 -0.05 0.00	23.00 -0.09 0.00	22.12 -0.16 0.00	22.37 -0.21 0.00	17.01 -0.20 0.00	16.58 -0.25 0.00	14.55 -0.16 0.00
OCC_CHEM__DRP 24175	11.98 -1.99 1.63	14.48 -2.13 0.00	12.60 -1.74 0.00	12.13 -1.64 0.00	12.73 -1.79 0.00	13.22 -1.85 0.00	19.48 -2.45 0.00	18.26 -2.47 0.00	16.17 -2.04 0.00	15.34 -1.61 0.00	14.94 -1.33 0.00	13.20 -1.31 0.00	8.90 -0.85 0.00	11.21 -1.15 0.00	14.53 -1.63 0.00	15.51 -1.96 0.00	17.73 -2.39 0.00	21.12 -2.65 0.00	20.41 -2.68 0.00	19.49 -2.79 0.00	19.90 -2.68 0.00	14.93 -2.27 0.00	14.51 -2.33 0.00	13.04 -1.68 0.00

OH_GEN_PROXY 24063	12.20 -1.80 1.61	14.66 -1.95 0.00	12.75 -1.59 0.00	12.27 -1.49 0.00	12.89 -1.63 0.00	13.37 -1.70 0.00	19.69 -2.23 0.00	18.53 -2.21 0.00	16.39 -1.83 0.00	15.54 -1.41 0.00	15.12 -1.15 0.00	13.36 -1.16 0.00	9.00 -0.76 0.00	11.33 -1.03 0.00	14.73 -1.44 0.00	15.79 -1.69 0.00	18.07 -2.06 0.00	21.51 -2.26 0.00	20.79 -2.31 0.00	19.86 -2.42 0.00	20.27 -2.30 0.00	15.22 -1.99 0.00	14.78 -2.06 0.00	13.16 -1.55 0.00
OLIN_CORP_DRP 24177	12.04 -1.89 1.67	14.48 -2.13 0.00	12.62 -1.73 0.00	12.13 -1.63 0.00	12.73 -1.78 0.00	13.23 -1.84 0.00	19.51 -2.42 0.00	18.30 -2.44 0.00	16.19 -2.03 0.00	15.35 -1.59 0.00	14.92 -1.34 0.00	13.20 -1.32 0.00	8.89 -0.86 0.00	11.20 -1.16 0.00	14.54 -1.62 0.00	15.60 -1.87 0.00	17.85 -2.28 0.00	21.27 -2.50 0.00	20.56 -2.53 0.00	19.63 -2.65 0.00	20.03 -2.55 0.00	15.03 -2.18 0.00	14.60 -2.24 0.00	13.01 -1.70 0.00
OLIN_CORP_DSASP 323712	11.97 -2.00 1.63	14.48 -2.14 0.00	12.60 -1.74 0.00	12.13 -1.64 0.00	12.73 -1.79 0.00	13.21 -1.86 0.00	19.48 -2.44 0.00	18.26 -2.47 0.00	16.17 -2.04 0.00	15.34 -1.61 0.00	14.93 -1.33 0.00	13.20 -1.31 0.00	8.90 -0.85 0.00	11.21 -1.15 0.00	14.53 -1.63 0.00	15.51 -1.96 0.00	17.73 -2.40 0.00	21.13 -2.64 0.00	20.41 -2.68 0.00	19.49 -2.79 0.00	19.92 -2.66 0.00	14.93 -2.27 0.00	14.51 -2.33 0.00	13.04 -1.68 0.00
ONEIDA_HERK_LFGE 323681	15.59 -0.01 0.00	16.59 -0.02 0.00	14.37 0.02 0.00	14.46 0.02 -0.68	15.29 0.02 -0.75	15.88 0.04 -0.77	22.82 0.15 -0.75	21.08 0.12 -0.22	18.83 -0.01 -0.62	17.55 -0.06 -0.66	16.53 -0.07 -0.33	14.42 -0.10 0.00	9.67 -0.09 0.00	12.21 -0.14 0.00	16.03 -0.13 0.00	17.47 0.00 0.00	20.16 0.04 0.00	23.90 0.13 0.00	23.91 0.17 -0.65	23.31 0.11 -0.91	23.56 0.07 -0.92	18.02 0.01 -0.81	17.29 0.01 -0.44	14.74 0.03 0.00
ONEIDA___115KV_TB4 55905	15.78 0.18 0.00	16.79 0.18 0.00	14.52 0.18 0.00	13.94 0.18 0.00	14.71 0.20 0.00	15.33 0.26 0.00	22.40 0.48 0.00	21.19 0.45 0.00	18.50 0.28 0.00	17.13 0.18 0.00	16.43 0.16 0.00	14.61 0.09 0.00	9.80 0.05 0.00	12.41 0.05 0.00	16.28 0.12 0.00	17.70 0.23 0.00	20.51 0.38 0.00	24.33 0.56 0.00	23.63 0.53 0.00	22.76 0.47 0.00	23.00 0.43 0.00	17.48 0.28 0.00	17.04 0.21 0.00	14.89 0.18 0.00
ONONDAGA_REF_OCCRA 23987	15.85 -0.42 -0.66	16.17 -0.44 0.00	13.98 -0.37 0.00	13.41 -0.35 0.00	14.13 -0.39 0.00	14.70 -0.37 0.00	21.46 -0.46 0.00	20.33 -0.41 0.00	17.82 -0.40 0.00	16.65 -0.29 0.00	16.03 -0.24 0.00	14.22 -0.30 0.00	9.54 -0.21 0.00	12.08 -0.28 0.00	15.84 -0.32 0.00	17.16 -0.31 0.00	19.77 -0.36 0.00	23.44 -0.33 0.00	22.74 -0.35 0.00	21.87 -0.42 0.00	22.14 -0.44 0.00	16.84 -0.37 0.00	16.41 -0.43 0.00	14.38 -0.33 0.00
ONONDAGA___COGEN 23986	15.17 -0.43 0.00	16.16 -0.45 0.00	13.96 -0.38 0.00	13.40 -0.36 0.00	14.11 -0.40 0.00	14.68 -0.39 0.00	21.44 -0.49 0.00	20.28 -0.46 0.00	17.77 -0.45 0.00	16.59 -0.35 0.00	15.92 -0.35 0.00	14.14 -0.38 0.00	9.48 -0.27 0.00	12.01 -0.34 0.00	15.74 -0.42 0.00	17.11 -0.36 0.00	19.73 -0.40 0.00	23.40 -0.37 0.00	22.70 -0.39 0.00	21.82 -0.46 0.00	22.09 -0.48 0.00	16.81 -0.39 0.00	16.38 -0.45 0.00	14.36 -0.35 0.00
ONTARIO___LFGE 23819	11.82 -0.63 3.14	16.01 -0.60 0.00	13.84 -0.51 0.00	13.27 -0.49 0.00	14.05 -0.46 0.00	14.60 -0.47 0.00	21.41 -0.51 0.00	20.30 -0.44 0.00	17.72 -0.50 0.00	16.54 -0.41 0.00	15.96 -0.31 0.00	14.09 -0.42 0.00	9.41 -0.34 0.00	11.95 -0.40 0.00	15.74 -0.42 0.00	17.07 -0.41 0.00	19.70 -0.43 0.00	23.37 -0.39 0.00	22.69 -0.40 0.00	21.83 -0.46 0.00	22.03 -0.54 0.00	16.68 -0.53 0.00	16.24 -0.60 0.00	14.28 -0.43 0.00
ORANGEVILLE_WT_PWR 323706	11.98 -1.86 1.76	14.58 -2.03 0.00	12.65 -1.70 0.00	12.18 -1.58 0.00	12.80 -1.72 0.00	13.26 -1.81 0.00	19.57 -2.36 0.00	18.44 -2.29 0.00	16.34 -1.88 0.00	15.47 -1.47 0.00	15.12 -1.15 0.00	13.38 -1.14 0.00	8.96 -0.80 0.00	11.18 -1.18 0.00	14.54 -1.63 0.00	15.57 -1.90 0.00	18.06 -2.06 0.00	21.68 -2.09 0.00	20.84 -2.25 0.00	19.80 -2.49 0.00	20.13 -2.45 0.00	15.07 -2.14 0.00	14.67 -2.17 0.00	13.09 -1.62 0.00
ORANGEVILLE___ESR 323794	11.98 -1.86 1.76	14.58 -2.03 0.00	12.65 -1.70 0.00	12.18 -1.58 0.00	12.80 -1.72 0.00	13.26 -1.81 0.00	19.57 -2.36 0.00	18.44 -2.29 0.00	16.34 -1.88 0.00	15.47 -1.47 0.00	15.12 -1.15 0.00	13.38 -1.14 0.00	8.96 -0.80 0.00	11.18 -1.18 0.00	14.54 -1.63 0.00	15.57 -1.90 0.00	18.06 -2.06 0.00	21.68 -2.09 0.00	20.84 -2.25 0.00	19.80 -2.49 0.00	20.13 -2.45 0.00	15.07 -2.14 0.00	14.67 -2.17 0.00	13.09 -1.62 0.00
OSWEGATCHIE___HYD 24044	15.28 -0.32 0.00	16.27 -0.34 0.00	14.06 -0.29 0.00	16.79 -0.30 -3.33	17.87 -0.35 -3.71	18.38 -0.45 -3.76	24.89 -0.71 -3.68	21.04 -0.76 -1.07	20.44 -0.80 -3.03	19.34 -0.86 -3.26	17.03 -0.87 -1.63	13.79 -0.72 0.00	9.26 -0.49 0.00	11.71 -0.65 0.00	15.33 -0.83 0.00	16.73 -0.75 0.00	19.23 -0.90 0.00	22.81 -0.96 0.00	25.47 -0.82 -3.20	25.98 -0.78 -4.48	26.24 -0.84 -4.51	20.49 -0.68 -3.97	17.92 -0.48 -1.57	14.39 -0.32 0.00
OSWEGO___5 23606	14.96 -0.64 0.00	15.94 -0.68 0.00	13.77 -0.57 0.00	13.21 -0.55 0.00	13.91 -0.60 0.00	14.46 -0.61 0.00	21.07 -0.85 0.00	19.95 -0.79 0.00	17.52 -0.70 0.00	16.39 -0.55 0.00	15.79 -0.48 0.00	14.04 -0.48 0.00	9.42 -0.33 0.00	11.93 -0.42 0.00	15.61 -0.55 0.00	16.88 -0.59 0.00	19.40 -0.72 0.00	22.96 -0.81 0.00	22.28 -0.81 0.00	21.45 -0.83 0.00	21.73 -0.84 0.00	16.55 -0.65 0.00	16.15 -0.69 0.00	14.16 -0.56 0.00
OSWEGO___6 23613	14.96 -0.64 0.00	15.94 -0.68 0.00	13.77 -0.57 0.00	13.21 -0.55 0.00	13.91 -0.60 0.00	14.46 -0.61 0.00	21.07 -0.85 0.00	19.95 -0.79 0.00	17.52 -0.70 0.00	16.39 -0.55 0.00	15.79 -0.48 0.00	14.04 -0.48 0.00	9.42 -0.33 0.00	11.93 -0.42 0.00	15.61 -0.55 0.00	16.88 -0.59 0.00	19.40 -0.72 0.00	22.96 -0.81 0.00	22.28 -0.81 0.00	21.45 -0.83 0.00	21.73 -0.84 0.00	16.55 -0.65 0.00	16.15 -0.69 0.00	14.16 -0.56 0.00
OUTOKUMPU-AB___DRP 24206	12.31 -1.61 1.69	14.85 -1.76 0.00	12.92 -1.43 0.00	12.42 -1.34 0.00	13.05 -1.47 0.00	13.56 -1.51 0.00	20.00 -1.93 0.00	18.78 -1.96 0.00	16.62 -1.59 0.00	15.73 -1.21 0.00	15.33 -0.94 0.00	13.56 -0.96 0.00	9.12 -0.63 0.00	11.50 -0.86 0.00	14.93 -1.23 0.00	15.97 -1.50 0.00	18.31 -1.82 0.00	21.84 -1.93 0.00	21.10 -1.99 0.00	20.14 -2.15 0.00	20.53 -2.04 0.00	15.39 -1.82 0.00	14.95 -1.89 0.00	13.36 -1.36 0.00
OXBOW___BTM 323836	12.14 -1.81 1.66	14.67 -1.95 0.00	12.76 -1.58 0.00	12.28 -1.48 0.00	12.90 -1.62 0.00	13.39 -1.68 0.00	19.75 -2.17 0.00	18.53 -2.20 0.00	16.41 -1.81 0.00	15.51 -1.43 0.00	15.16 -1.11 0.00	13.41 -1.11 0.00	9.03 -0.72 0.00	11.37 -0.98 0.00	14.77 -1.39 0.00	15.78 -1.69 0.00	18.07 -2.06 0.00	21.53 -2.23 0.00	20.81 -2.28 0.00	19.87 -2.42 0.00	20.28 -2.30 0.00	15.20 -2.01 0.00	14.76 -2.08 0.00	13.22 -1.49 0.00

OXBOW____ 24026	12.15 -1.79 1.66	14.67 -1.94 0.00	12.76 -1.58 0.00	12.28 -1.48 0.00	12.89 -1.62 0.00	13.39 -1.68 0.00	19.75 -2.17 0.00	18.54 -2.20 0.00	16.41 -1.81 0.00	15.51 -1.43 0.00	15.16 -1.11 0.00	13.41 -1.11 0.00	9.03 -0.72 0.00	11.37 -0.98 0.00	14.77 -1.40 0.00	15.78 -1.69 0.00	18.06 -2.06 0.00	21.53 -2.24 0.00	20.81 -2.28 0.00	19.86 -2.42 0.00	20.26 -2.31 0.00	15.19 -2.01 0.00	14.76 -2.08 0.00	13.22 -1.49 0.00
OXY_CHEM_DSASP 323612	11.98 -1.99 1.63	14.48 -2.13 0.00	12.60 -1.74 0.00	12.13 -1.64 0.00	12.73 -1.79 0.00	13.22 -1.85 0.00	19.48 -2.45 0.00	18.26 -2.47 0.00	16.17 -2.04 0.00	15.34 -1.61 0.00	14.94 -1.33 0.00	13.20 -1.31 0.00	8.90 -0.85 0.00	11.21 -1.15 0.00	14.53 -1.63 0.00	15.51 -1.96 0.00	17.73 -2.39 0.00	21.12 -2.65 0.00	20.41 -2.68 0.00	19.49 -2.79 0.00	19.90 -2.68 0.00	14.93 -2.27 0.00	14.51 -2.33 0.00	13.04 -1.68 0.00
OZONE_PARK_ESR 323760	16.57 0.97 0.00	17.58 0.96 0.00	15.20 0.86 0.00	14.58 0.82 0.00	15.43 0.91 0.00	16.09 1.02 0.00	23.46 1.54 0.00	22.55 1.81 0.00	19.97 1.75 0.00	18.69 1.74 0.00	17.90 1.64 0.00	15.85 1.33 0.00	10.67 0.91 0.00	13.37 1.02 0.00	17.52 1.36 0.00	18.99 1.52 0.00	21.90 1.77 0.00	26.08 2.31 0.00	25.28 2.19 0.00	24.26 1.98 0.00	24.49 1.92 0.00	18.67 1.47 0.00	18.11 1.28 0.00	15.76 1.05 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	11.98 -1.99 1.63	14.48 -2.13 0.00	12.60 -1.74 0.00	12.13 -1.64 0.00	12.73 -1.79 0.00	13.22 -1.85 0.00	19.48 -2.45 0.00	18.26 -2.47 0.00	16.17 -2.04 0.00	15.34 -1.61 0.00	14.94 -1.33 0.00	13.20 -1.31 0.00	8.90 -0.85 0.00	11.21 -1.15 0.00	14.53 -1.63 0.00	15.51 -1.96 0.00	17.73 -2.39 0.00	21.12 -2.65 0.00	20.41 -2.68 0.00	19.49 -2.79 0.00	19.90 -2.68 0.00	14.93 -2.27 0.00	14.51 -2.33 0.00	13.04 -1.68 0.00
PACKARD__115KV_DUPONT_184 80571	11.98 -1.99 1.63	14.48 -2.13 0.00	12.60 -1.74 0.00	12.13 -1.64 0.00	12.73 -1.79 0.00	13.22 -1.85 0.00	19.48 -2.45 0.00	18.26 -2.47 0.00	16.17 -2.04 0.00	15.34 -1.61 0.00	14.94 -1.33 0.00	13.20 -1.31 0.00	8.90 -0.85 0.00	11.21 -1.15 0.00	14.53 -1.63 0.00	15.51 -1.96 0.00	17.73 -2.39 0.00	21.12 -2.65 0.00	20.41 -2.68 0.00	19.49 -2.79 0.00	19.90 -2.68 0.00	14.93 -2.27 0.00	14.51 -2.33 0.00	13.04 -1.68 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	16.44 0.84 0.00	17.43 0.81 0.00	15.10 0.76 0.00	14.48 0.72 0.00	15.31 0.80 0.00	15.97 0.90 0.00	23.25 1.33 0.00	22.33 1.59 0.00	19.79 1.57 0.00	18.49 1.54 0.00	17.71 1.44 0.00	15.66 1.15 0.00	10.54 0.79 0.00	13.22 0.87 0.00	17.32 1.16 0.00	18.77 1.30 0.00	21.67 1.54 0.00	25.78 2.02 0.00	25.02 1.92 0.00	23.98 1.69 0.00	24.21 1.64 0.00	18.47 1.26 0.00	17.92 1.09 0.00	15.60 0.88 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	16.51 0.91 0.00	17.51 0.90 0.00	15.20 0.85 0.00	14.57 0.81 0.00	15.42 0.90 0.00	16.09 1.02 0.00	23.52 1.59 0.00	22.48 1.74 0.00	19.90 1.68 0.00	18.58 1.64 0.00	17.80 1.53 0.00	15.73 1.21 0.00	10.58 0.83 0.00	13.26 0.90 0.00	17.37 1.21 0.00	18.82 1.34 0.00	21.74 1.61 0.00	25.83 2.06 0.00	25.09 2.01 0.00	24.06 1.78 0.00	24.28 1.70 0.00	18.51 1.31 0.00	17.96 1.13 0.00	15.64 0.92 0.00
PATROON__115KV_TB1 80586	16.17 0.57 0.00	17.19 0.58 0.00	14.84 0.49 0.00	14.26 0.50 0.00	15.08 0.56 0.00	15.67 0.60 0.00	22.71 0.78 0.00	21.64 0.90 0.00	19.00 0.78 0.00	17.75 0.80 0.00	16.93 0.66 0.00	15.07 0.55 0.00	10.11 0.36 0.00	12.80 0.44 0.00	16.73 0.57 0.00	18.15 0.68 0.00	20.94 0.81 0.00	24.82 1.05 0.00	24.07 0.98 0.00	23.13 0.84 0.00	23.46 0.89 0.00	17.92 0.71 0.00	17.50 0.67 0.00	15.27 0.55 0.00
PATTRSNVILLE__SOLAR 323815	16.13 0.53 0.00	17.17 0.55 0.00	14.84 0.49 0.00	14.24 0.48 0.00	15.04 0.52 0.00	15.64 0.57 0.00	22.81 0.89 0.00	21.65 0.91 0.00	18.98 0.76 0.00	17.62 0.67 0.00	16.87 0.61 0.00	15.03 0.51 0.00	10.08 0.33 0.00	12.71 0.35 0.00	16.66 0.49 0.00	18.13 0.66 0.00	20.97 0.85 0.00	24.87 1.11 0.00	24.15 1.06 0.00	23.25 0.97 0.00	23.53 0.96 0.00	17.93 0.72 0.00	17.49 0.66 0.00	15.26 0.54 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	12.76 -0.85 1.99	15.67 -0.94 0.00	13.61 -0.73 0.00	13.08 -0.68 0.00	13.76 -0.75 0.00	14.29 -0.78 0.00	21.03 -0.89 0.00	19.82 -0.91 0.00	17.48 -0.73 0.00	16.58 -0.37 0.00	16.16 -0.11 0.00	14.28 -0.24 0.00	9.59 -0.16 0.00	12.08 -0.28 0.00	15.73 -0.43 0.00	16.87 -0.60 0.00	19.40 -0.73 0.00	23.08 -0.69 0.00	22.26 -0.83 0.00	21.26 -1.02 0.00	21.63 -0.95 0.00	16.25 -0.96 0.00	15.84 -1.00 0.00	14.08 -0.64 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	16.53 0.93 0.00	17.55 0.94 0.00	15.16 0.82 0.00	14.54 0.78 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.45 1.53 0.00	22.43 1.70 0.00	19.79 1.58 0.00	18.46 1.52 0.00	17.66 1.40 0.00	15.61 1.10 0.00	10.50 0.75 0.00	13.20 0.84 0.00	17.33 1.17 0.00	18.80 1.33 0.00	21.73 1.60 0.00	25.88 2.11 0.00	25.10 2.01 0.00	24.10 1.82 0.00	24.34 1.77 0.00	18.54 1.34 0.00	18.01 1.18 0.00	15.67 0.95 0.00
PEEKSKILL____ 23653	16.37 0.77 0.00	17.36 0.74 0.00	15.00 0.65 0.00	14.39 0.63 0.00	15.22 0.70 0.00	15.86 0.79 0.00	23.16 1.24 0.00	22.19 1.45 0.00	19.61 1.39 0.00	18.32 1.38 0.00	17.55 1.28 0.00	15.53 1.02 0.00	10.46 0.71 0.00	13.12 0.76 0.00	17.21 1.05 0.00	18.67 1.19 0.00	21.55 1.43 0.00	25.65 1.89 0.00	24.86 1.77 0.00	23.87 1.59 0.00	24.10 1.53 0.00	18.37 1.16 0.00	17.85 1.01 0.00	15.54 0.82 0.00
PGE MADISON__WINDPWR 24146	19.53 0.33 -3.60	17.22 0.61 0.00	14.79 0.44 0.00	14.17 0.41 0.00	15.09 0.58 0.00	15.57 0.50 0.00	22.92 0.99 0.00	21.62 0.89 0.00	18.72 0.50 0.00	17.24 0.29 0.00	16.56 0.29 0.00	14.65 0.13 0.00	9.80 0.06 0.00	12.38 0.03 0.00	16.45 0.29 0.00	17.93 0.45 0.00	20.76 0.63 0.00	24.81 1.05 0.00	24.17 1.08 0.00	23.19 0.91 0.00	23.49 0.91 0.00	17.74 0.53 0.00	17.27 0.44 0.00	15.21 0.49 0.00
PIERCEFIELD__HYD 23852	15.62 0.02 0.00	16.66 0.05 0.00	14.33 -0.02 0.00	18.61 -0.06 -4.90	19.88 -0.09 -5.46	20.32 -0.28 -5.53	26.75 -0.59 -5.41	21.64 -0.67 -1.57	22.03 -0.64 -4.45	21.00 -0.73 -4.80	17.87 -0.80 -2.40	13.95 -0.57 0.00	9.38 -0.37 0.00	11.91 -0.45 0.00	15.56 -0.60 0.00	16.82 -0.65 0.00	19.32 -0.80 0.00	22.88 -0.88 0.00	27.05 -0.75 -4.71	28.23 -0.63 -6.58	28.52 -0.68 -6.63	22.51 -0.53 -5.84	18.85 -0.24 -2.26	14.64 -0.07 0.00
PINELAWN_CC_1 323563	16.76 1.15 0.00	17.78 1.17 0.00	15.37 1.03 0.00	14.71 0.94 0.00	15.57 1.06 0.00	16.22 1.15 0.00	23.67 1.75 0.00	22.64 1.91 0.00	19.97 1.76 0.00	18.62 1.67 0.00	17.89 1.63 0.00	15.79 1.27 0.00	10.62 0.87 0.00	13.29 0.93 0.00	17.50 1.34 0.00	19.00 1.53 0.00	22.01 1.88 0.00	26.25 2.49 0.00	25.47 2.38 0.00	24.47 2.18 0.00	24.73 2.15 0.00	18.96 1.64 -0.11	20.60 1.49 -2.28	15.89 1.17 0.00

PJM_GEN_HTP_PROXY 323702	16.42 0.82 0.00	17.42 0.81 0.00	15.07 0.72 0.00	14.46 0.70 0.00	15.29 0.78 0.00	15.95 0.88 0.00	23.25 1.32 0.00	22.32 1.59 0.00	19.77 1.55 0.00	18.51 1.57 0.00	17.74 1.47 0.00	15.69 1.18 0.00	10.57 0.82 0.00	13.25 0.89 0.00	17.36 1.20 0.00	18.81 1.34 0.00	21.69 1.56 0.00	25.81 2.05 0.00	25.02 1.93 0.00	24.95 1.72 -0.94	24.24 1.66 0.00	18.48 1.28 0.00	17.94 1.11 0.00	15.61 0.90 0.00
PJM_GEN_KEystone 24065	14.29 -0.24 1.07	16.33 -0.29 0.00	14.14 -0.20 0.00	13.58 -0.18 0.00	14.34 -0.18 0.00	14.90 -0.17 0.00	21.81 -0.11 0.00	20.78 0.05 0.00	18.33 0.11 0.00	17.24 0.29 0.00	16.64 0.37 0.00	14.71 0.19 0.00	9.88 0.13 0.00	12.41 0.05 0.00	16.24 0.07 0.00	17.54 0.07 0.00	20.22 0.09 0.00	24.04 0.27 0.00	23.27 0.17 0.00	23.24 0.02 -0.94	22.57 -0.01 0.00	17.12 -0.08 0.00	16.67 -0.16 0.00	-15.53 -0.08 30.16
PJM_GEN_NEPTUNE_PROXY 323594	16.58 0.97 0.00	17.59 0.98 0.00	15.19 0.85 0.00	14.55 0.78 0.00	15.40 0.88 0.00	16.04 0.97 0.00	23.40 1.48 0.00	22.39 1.66 0.00	19.77 1.55 0.00	18.46 1.52 0.00	17.73 1.47 0.00	15.68 1.16 0.00	10.55 0.80 0.00	13.21 0.86 0.00	17.37 1.20 0.00	18.83 1.36 0.00	21.77 1.65 0.00	25.94 2.17 0.00	25.14 2.05 0.00	25.11 1.88 -0.94	24.42 1.84 0.00	18.73 1.41 -0.11	20.38 1.27 -2.28	15.71 1.00 0.00
PJM_GEN_VFT_PROXY 323633	16.37 0.77 0.00	17.35 0.74 0.00	15.02 0.67 0.00	14.41 0.65 0.00	15.24 0.73 0.00	15.89 0.82 0.00	23.14 1.21 0.00	22.22 1.49 0.00	19.69 1.47 0.00	18.44 1.50 0.00	17.67 1.41 0.00	15.64 1.12 0.00	10.53 0.78 0.00	13.20 0.84 0.00	17.30 1.14 0.00	18.74 1.27 0.00	21.60 1.48 0.00	25.72 1.95 0.00	24.92 1.83 0.00	24.85 1.63 -0.94	24.13 1.56 0.00	18.42 1.22 0.00	17.88 1.05 0.00	15.57 0.85 0.00
PLATSBRG_115KV_PMLD1 355749	15.72 0.12 0.00	16.82 0.21 0.00	14.22 -0.12 0.00	-18.35 -0.35 31.77	-21.22 -0.39 35.35	-21.22 -0.47 35.83	-13.85 -0.73 35.04	9.83 -0.71 10.20	-11.30 -0.66 28.86	-14.89 -0.77 31.06	-0.12 -0.82 15.56	13.93 -0.59 0.00	9.46 -0.29 0.00	11.94 -0.41 0.00	15.59 -0.58 0.00	16.81 -0.66 0.00	19.58 -0.54 0.00	22.85 -0.92 0.00	-8.43 -1.02 30.50	-21.23 -0.86 42.66	-21.25 -0.88 42.94	-21.25 -0.64 37.82	-15.12 -0.53 31.41	14.60 -0.11 0.00
PLEASANTVLY__LBMP 24000	16.33 0.72 0.00	17.33 0.72 0.00	14.97 0.63 0.00	14.36 0.60 0.00	15.19 0.67 0.00	15.82 0.75 0.00	23.07 1.15 0.00	22.05 1.32 0.00	19.46 1.25 0.00	18.18 1.23 0.00	17.39 1.12 0.00	15.39 0.87 0.00	10.35 0.59 0.00	13.02 0.66 0.00	17.08 0.92 0.00	18.52 1.05 0.00	21.40 1.27 0.00	25.43 1.67 0.00	24.66 1.56 0.00	23.68 1.40 0.00	23.95 1.37 0.00	18.27 1.06 0.00	17.77 0.94 0.00	15.48 0.77 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	16.41 0.81 0.00	17.41 0.80 0.00	15.05 0.70 0.00	14.43 0.67 0.00	15.26 0.75 0.00	15.91 0.84 0.00	23.26 1.34 0.00	22.25 1.51 0.00	19.64 1.43 0.00	18.36 1.42 0.00	17.57 1.31 0.00	15.56 1.04 0.00	10.46 0.71 0.00	13.15 0.79 0.00	17.25 1.09 0.00	18.70 1.22 0.00	21.59 1.46 0.00	25.71 1.94 0.00	24.90 1.81 0.00	23.91 1.62 0.00	24.16 1.58 0.00	18.41 1.21 0.00	17.89 1.06 0.00	15.57 0.86 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	16.41 0.81 0.00	17.41 0.80 0.00	15.05 0.70 0.00	14.43 0.67 0.00	15.26 0.75 0.00	15.91 0.84 0.00	23.26 1.34 0.00	22.25 1.51 0.00	19.64 1.43 0.00	18.36 1.42 0.00	17.57 1.31 0.00	15.56 1.04 0.00	10.46 0.71 0.00	13.15 0.79 0.00	17.25 1.09 0.00	18.70 1.22 0.00	21.59 1.46 0.00	25.71 1.94 0.00	24.90 1.81 0.00	23.91 1.62 0.00	24.16 1.58 0.00	18.41 1.21 0.00	17.89 1.06 0.00	15.57 0.86 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	16.44 0.84 0.00	17.45 0.84 0.00	15.08 0.73 0.00	14.46 0.70 0.00	15.29 0.78 0.00	15.95 0.88 0.00	23.28 1.36 0.00	22.26 1.52 0.00	19.65 1.43 0.00	18.31 1.37 0.00	17.47 1.21 0.00	15.44 0.92 0.00	10.38 0.63 0.00	13.07 0.71 0.00	17.16 1.00 0.00	18.64 1.17 0.00	21.55 1.42 0.00	25.64 1.87 0.00	24.88 1.78 0.00	23.89 1.60 0.00	24.15 1.57 0.00	18.40 1.20 0.00	17.89 1.06 0.00	15.58 0.86 0.00
POLETTI____ 23519	16.42 0.82 0.00	17.42 0.80 0.00	15.07 0.72 0.00	14.46 0.70 0.00	15.29 0.77 0.00	15.95 0.88 0.00	23.21 1.29 0.00	22.30 1.56 0.00	19.76 1.54 0.00	18.50 1.56 0.00	17.73 1.46 0.00	15.69 1.17 0.00	10.56 0.81 0.00	13.24 0.88 0.00	17.35 1.19 0.00	18.78 1.30 0.00	21.65 1.52 0.00	25.77 2.00 0.00	24.98 1.88 0.00	23.97 1.68 0.00	24.20 1.62 0.00	18.47 1.26 0.00	17.92 1.08 0.00	15.60 0.88 0.00
POMONA____ESR 323819	16.36 0.76 0.00	17.34 0.73 0.00	14.99 0.64 0.00	14.39 0.62 0.00	15.21 0.70 0.00	15.85 0.78 0.00	23.16 1.24 0.00	22.19 1.45 0.00	19.61 1.39 0.00	18.32 1.38 0.00	17.55 1.28 0.00	15.54 1.02 0.00	10.46 0.71 0.00	13.12 0.76 0.00	17.21 1.05 0.00	18.67 1.20 0.00	21.56 1.44 0.00	25.66 1.89 0.00	24.87 1.77 0.00	23.88 1.59 0.00	24.10 1.52 0.00	18.36 1.16 0.00	17.85 1.01 0.00	15.53 0.82 0.00
PORT_JEFF_3 23555	16.83 1.23 0.00	17.89 1.28 0.00	15.46 1.12 0.00	14.79 1.03 0.00	15.67 1.15 0.00	16.31 1.24 0.00	23.77 1.85 0.00	22.69 1.95 0.00	20.01 1.80 0.00	18.65 1.71 0.00	17.91 1.65 0.00	15.79 1.28 0.00	10.63 0.88 0.00	13.28 0.92 0.00	17.48 1.32 0.00	18.98 1.51 0.00	21.99 1.87 0.00	26.29 2.52 0.00	25.52 2.44 0.00	24.56 2.27 0.00	24.80 2.23 0.00	19.02 1.70 -0.11	20.71 1.60 -2.28	15.96 1.25 0.00
PORT_JEFF_4 23616	16.83 1.23 0.00	17.89 1.28 0.00	15.46 1.12 0.00	14.79 1.03 0.00	15.67 1.15 0.00	16.31 1.24 0.00	23.77 1.85 0.00	22.69 1.95 0.00	20.01 1.80 0.00	18.65 1.71 0.00	17.91 1.65 0.00	15.79 1.28 0.00	10.63 0.88 0.00	13.28 0.92 0.00	17.48 1.32 0.00	18.98 1.51 0.00	21.99 1.87 0.00	26.29 2.52 0.00	25.52 2.44 0.00	24.56 2.27 0.00	24.80 2.23 0.00	19.02 1.70 -0.11	20.71 1.60 -2.28	15.96 1.25 0.00
PORT_JEFF_IC 23713	16.84 1.24 0.00	17.90 1.29 0.00	15.47 1.13 0.00	14.80 1.04 0.00	20.30 1.16 -4.63	16.32 1.25 0.00	23.79 1.87 0.00	22.71 1.97 0.00	20.03 1.81 0.00	18.67 1.72 0.00	17.93 1.66 0.00	15.80 1.28 0.00	10.63 0.88 0.00	13.29 0.93 0.00	17.49 1.33 0.00	19.00 1.53 0.00	22.01 1.88 0.00	26.31 2.55 0.00	25.56 2.47 0.00	24.59 2.30 0.00	24.83 2.26 0.00	19.04 1.72 -0.11	20.72 1.61 -2.28	15.97 1.26 0.00
PPL PILGRIM_ST_GT1 24216	16.87 1.27 0.00	17.92 1.31 0.00	15.48 1.14 0.00	14.81 1.05 0.00	15.68 1.17 0.00	16.33 1.27 0.00	23.82 1.90 0.00	22.76 2.03 0.00	20.08 1.86 0.00	18.73 1.78 0.00	18.00 1.73 0.00	15.88 1.37 0.00	10.68 0.93 0.00	13.36 1.01 0.00	17.60 1.44 0.00	19.11 1.64 0.00	22.13 2.00 0.00	26.41 2.64 0.00	25.62 2.53 0.00	24.62 2.34 0.00	24.88 2.31 0.00	19.08 1.76 -0.11	20.74 1.63 -2.28	15.99 1.28 0.00

PPL PILGRIM_ST_GT2 24217	16.87 1.27 0.00	17.92 1.31 0.00	15.48 1.14 0.00	14.81 1.05 0.00	15.68 1.17 0.00	16.33 1.27 0.00	23.82 1.90 0.00	22.76 2.03 0.00	20.08 1.86 0.00	18.73 1.78 0.00	18.00 1.73 0.00	15.88 1.37 0.00	10.68 0.93 0.00	13.36 1.01 0.00	17.60 1.44 0.00	19.11 1.64 0.00	22.13 2.00 0.00	26.41 2.64 0.00	25.62 2.53 0.00	24.62 2.34 0.00	24.88 2.31 0.00	19.08 1.76 -0.11	20.74 1.63 -2.28	15.99 1.28 0.00
PPL_SHRM_GT3 24213	16.88 1.28 0.00	17.98 1.37 0.00	15.56 1.22 0.00	14.89 1.13 0.00	59.37 1.26 -43.59	16.39 1.32 0.00	23.87 1.95 0.00	22.75 2.02 0.00	20.03 1.82 0.00	18.64 1.69 0.00	17.87 1.60 0.00	15.71 1.19 0.00	10.59 0.84 0.00	13.20 0.84 0.00	17.34 1.18 0.00	18.86 1.38 0.00	21.93 1.80 0.00	26.27 2.50 0.00	25.53 2.44 0.00	24.57 2.28 0.00	24.82 2.25 0.00	19.03 1.71 -0.11	20.76 1.65 -2.28	15.99 1.27 0.00
PPL_SHRM_GT4 24214	16.88 1.28 0.00	17.98 1.37 0.00	15.56 1.22 0.00	14.89 1.13 0.00	59.37 1.26 -43.59	16.39 1.32 0.00	23.87 1.95 0.00	22.75 2.02 0.00	20.03 1.82 0.00	18.64 1.69 0.00	17.87 1.60 0.00	15.71 1.19 0.00	10.59 0.84 0.00	13.20 0.84 0.00	17.34 1.18 0.00	18.86 1.38 0.00	21.93 1.80 0.00	26.27 2.50 0.00	25.53 2.44 0.00	24.57 2.28 0.00	24.82 2.25 0.00	19.03 1.71 -0.11	20.76 1.65 -2.28	15.99 1.27 0.00
PROJECT___ORANGE 1 24174	15.08 -0.52 0.00	16.05 -0.56 0.00	13.88 -0.46 0.00	13.32 -0.44 0.00	14.02 -0.49 0.00	14.60 -0.48 0.00	21.30 -0.63 0.00	20.18 -0.56 0.00	17.70 -0.52 0.00	16.57 -0.38 0.00	15.96 -0.30 0.00	14.17 -0.34 0.00	9.51 -0.24 0.00	12.04 -0.32 0.00	15.77 -0.39 0.00	17.07 -0.41 0.00	19.64 -0.49 0.00	23.26 -0.51 0.00	22.56 -0.53 0.00	21.70 -0.59 0.00	21.97 -0.61 0.00	16.71 -0.49 0.00	16.29 -0.55 0.00	14.28 -0.43 0.00
PROJECT___ORANGE 2 24166	15.08 -0.52 0.00	16.05 -0.56 0.00	13.88 -0.46 0.00	13.32 -0.44 0.00	14.02 -0.49 0.00	14.60 -0.48 0.00	21.30 -0.63 0.00	20.18 -0.56 0.00	17.70 -0.52 0.00	16.57 -0.38 0.00	15.96 -0.30 0.00	14.17 -0.34 0.00	9.51 -0.24 0.00	12.04 -0.32 0.00	15.77 -0.39 0.00	17.07 -0.41 0.00	19.64 -0.49 0.00	23.26 -0.51 0.00	22.56 -0.53 0.00	21.70 -0.59 0.00	21.97 -0.61 0.00	16.71 -0.49 0.00	16.29 -0.55 0.00	14.28 -0.43 0.00
PUCKETT___SOLAR 323809	15.41 -0.19 0.00	16.56 -0.05 0.00	14.28 -0.07 0.00	13.67 -0.09 0.00	14.52 0.01 0.00	14.99 -0.07 0.00	21.94 0.02 0.00	20.80 0.06 0.00	18.14 -0.08 0.00	16.88 -0.07 0.00	16.26 -0.01 0.00	14.40 -0.13 0.00	9.64 -0.12 0.00	12.19 -0.17 0.00	16.07 -0.09 0.00	17.42 -0.05 0.00	20.13 0.00 0.00	23.93 0.16 0.00	23.23 0.14 0.00	22.34 0.05 0.00	22.61 0.03 0.00	17.17 -0.04 0.00	16.74 -0.10 0.00	14.74 0.02 0.00
PYRITES___HYD 24023	15.95 0.34 0.00	17.01 0.40 0.00	14.63 0.29 0.00	18.38 0.25 -4.37	19.62 0.24 -4.87	20.12 0.12 -4.93	26.83 0.08 -4.82	22.08 -0.06 -1.41	22.02 -0.17 -3.97	20.86 -0.36 -4.28	17.94 -0.47 -2.14	14.26 -0.26 0.00	9.57 -0.18 0.00	12.18 -0.18 0.00	15.89 -0.27 0.00	17.18 -0.29 0.00	19.76 -0.37 0.00	23.51 -0.26 0.00	27.21 -0.08 -4.20	28.20 0.04 -5.88	28.46 -0.03 -5.91	22.37 -0.04 -5.21	18.78 0.22 -1.72	15.02 0.30 0.00
QUAKERRD_115KV_BK1 80622	13.18 -1.29 1.14	15.23 -1.39 0.00	13.18 -1.17 0.00	12.66 -1.10 0.00	13.33 -1.19 0.00	13.87 -1.20 0.00	20.34 -1.58 0.00	19.22 -1.51 0.00	16.90 -1.32 0.00	15.88 -1.07 0.00	15.34 -0.92 0.00	13.59 -0.93 0.00	9.14 -0.61 0.00	11.58 -0.78 0.00	15.13 -1.03 0.00	16.31 -1.16 0.00	18.72 -1.41 0.00	22.22 -1.54 0.00	21.54 -1.55 0.00	20.66 -1.63 0.00	20.97 -1.61 0.00	15.85 -1.36 0.00	15.41 -1.42 0.00	13.57 -1.14 0.00
QUENSBRY_115KV_TB8 356137	16.38 0.78 0.00	17.47 0.86 0.00	15.06 0.71 0.00	14.46 0.70 0.00	15.32 0.81 0.00	15.99 0.92 0.00	23.37 1.45 0.00	22.20 1.46 0.00	19.38 1.16 0.00	17.88 0.94 0.00	17.13 0.86 0.00	15.29 0.77 0.00	10.22 0.47 0.00	12.90 0.54 0.00	16.97 0.81 0.00	18.56 1.08 0.00	21.50 1.37 0.00	25.42 1.65 0.00	24.64 1.55 0.00	23.77 1.48 0.00	24.08 1.51 0.00	18.37 1.16 0.00	17.88 1.05 0.00	15.51 0.79 0.00
RAMAPO___LBMP 323565	16.30 0.70 0.00	17.29 0.68 0.00	14.94 0.60 0.00	14.34 0.58 0.00	15.16 0.65 0.00	15.79 0.72 0.00	23.08 1.16 0.00	22.10 1.36 0.00	19.52 1.30 0.00	18.24 1.29 0.00	17.47 1.21 0.00	15.48 0.96 0.00	10.42 0.66 0.00	13.06 0.70 0.00	17.14 0.98 0.00	18.59 1.12 0.00	21.47 1.34 0.00	25.55 1.78 0.00	24.75 1.66 0.00	23.77 1.49 0.00	24.00 1.43 0.00	18.28 1.08 0.00	17.77 0.94 0.00	15.48 0.76 0.00
RANKINE____ 23646	12.26 -1.49 1.85	14.99 -1.62 0.00	13.03 -1.32 0.00	12.52 -1.24 0.00	13.15 -1.37 0.00	13.65 -1.42 0.00	20.13 -1.79 0.00	18.97 -1.77 0.00	16.77 -1.45 0.00	15.89 -1.06 0.00	15.47 -0.80 0.00	13.68 -0.84 0.00	9.19 -0.56 0.00	11.56 -0.80 0.00	15.02 -1.14 0.00	16.10 -1.37 0.00	18.51 -1.62 0.00	22.08 -1.68 0.00	21.33 -1.76 0.00	20.34 -1.94 0.00	20.71 -1.87 0.00	15.54 -1.67 0.00	15.09 -1.75 0.00	13.44 -1.27 0.00
RAVENSWOOD_GT2_1 24244	16.44 0.84 0.00	17.44 0.82 0.00	15.08 0.74 0.00	14.47 0.71 0.00	15.30 0.79 0.00	15.96 0.89 0.00	23.26 1.34 0.00	22.33 1.59 0.00	19.77 1.56 0.00	18.51 1.57 0.00	17.74 1.47 0.00	15.70 1.18 0.00	10.57 0.82 0.00	13.25 0.89 0.00	17.37 1.20 0.00	18.81 1.34 0.00	21.69 1.57 0.00	25.83 2.06 0.00	25.03 1.94 0.00	24.02 1.73 0.00	24.25 1.67 0.00	18.49 1.28 0.00	17.95 1.12 0.00	15.63 0.91 0.00
RAVENSWOOD_GT2_2 24245	16.44 0.84 0.00	17.44 0.82 0.00	15.08 0.74 0.00	14.47 0.71 0.00	15.30 0.79 0.00	15.96 0.89 0.00	23.26 1.34 0.00	22.33 1.59 0.00	19.77 1.56 0.00	18.51 1.57 0.00	17.74 1.47 0.00	15.70 1.18 0.00	10.57 0.82 0.00	13.25 0.89 0.00	17.37 1.20 0.00	18.81 1.34 0.00	21.69 1.57 0.00	25.83 2.06 0.00	25.03 1.94 0.00	24.02 1.73 0.00	24.25 1.67 0.00	18.49 1.28 0.00	17.95 1.12 0.00	15.63 0.91 0.00
RAVENSWOOD_GT2_3 24246	16.45 0.84 0.00	17.44 0.83 0.00	15.09 0.74 0.00	14.48 0.72 0.00	15.31 0.80 0.00	15.96 0.89 0.00	23.27 1.35 0.00	22.33 1.60 0.00	19.78 1.56 0.00	18.51 1.57 0.00	17.74 1.47 0.00	15.70 1.18 0.00	10.57 0.82 0.00	13.25 0.89 0.00	17.37 1.21 0.00	18.81 1.34 0.00	21.70 1.58 0.00	25.83 2.07 0.00	25.03 1.94 0.00	24.03 1.74 0.00	24.26 1.68 0.00	18.50 1.30 0.00	17.96 1.13 0.00	15.63 0.92 0.00
RAVENSWOOD_GT2_4 24247	16.45 0.84 0.00	17.44 0.83 0.00	15.09 0.74 0.00	14.48 0.72 0.00	15.31 0.80 0.00	15.96 0.89 0.00	23.27 1.35 0.00	22.33 1.60 0.00	19.78 1.56 0.00	18.51 1.57 0.00	17.74 1.47 0.00	15.70 1.18 0.00	10.57 0.82 0.00	13.25 0.89 0.00	17.37 1.21 0.00	18.81 1.34 0.00	21.70 1.58 0.00	25.83 2.07 0.00	25.03 1.94 0.00	24.03 1.74 0.00	24.26 1.68 0.00	18.50 1.30 0.00	17.96 1.13 0.00	15.63 0.92 0.00

RAVENSWOOD_GT3_1 24248	16.44 0.84 0.00	17.44 0.83 0.00	15.09 0.74 0.00	14.47 0.71 0.00	15.31 0.79 0.00	15.96 0.89 0.00	23.27 1.35 0.00	22.33 1.60 0.00	19.78 1.56 0.00	18.51 1.57 0.00	17.74 1.48 0.00	15.70 1.18 0.00	10.57 0.82 0.00	13.25 0.89 0.00	17.37 1.21 0.00	18.81 1.34 0.00	21.70 1.57 0.00	25.83 2.06 0.00	25.03 1.94 0.00	24.03 1.74 0.00	24.25 1.67 0.00	18.50 1.29 0.00	17.95 1.12 0.00	15.63 0.91 0.00
RAVENSWOOD_GT3_2 24249	16.44 0.84 0.00	17.44 0.83 0.00	15.09 0.74 0.00	14.47 0.71 0.00	15.31 0.79 0.00	15.96 0.89 0.00	23.27 1.35 0.00	22.33 1.60 0.00	19.78 1.56 0.00	18.51 1.57 0.00	17.74 1.48 0.00	15.70 1.18 0.00	10.57 0.82 0.00	13.25 0.89 0.00	17.37 1.21 0.00	18.81 1.34 0.00	21.70 1.57 0.00	25.83 2.06 0.00	25.03 1.94 0.00	24.03 1.74 0.00	24.25 1.67 0.00	18.50 1.29 0.00	17.95 1.12 0.00	15.63 0.91 0.00
RAVENSWOOD_GT3_3 24250	16.46 0.86 0.00	17.46 0.85 0.00	15.10 0.76 0.00	14.49 0.73 0.00	15.33 0.81 0.00	15.98 0.91 0.00	23.29 1.37 0.00	22.36 1.63 0.00	19.81 1.59 0.00	18.53 1.59 0.00	17.76 1.50 0.00	15.72 1.20 0.00	10.58 0.84 0.00	13.27 0.91 0.00	17.39 1.23 0.00	18.84 1.37 0.00	21.74 1.61 0.00	25.86 2.10 0.00	25.07 1.98 0.00	24.06 1.77 0.00	24.29 1.71 0.00	18.52 1.31 0.00	17.98 1.15 0.00	15.65 0.93 0.00
RAVENSWOOD_GT3_4 24251	16.46 0.86 0.00	17.46 0.85 0.00	15.10 0.76 0.00	14.49 0.73 0.00	15.33 0.81 0.00	15.98 0.91 0.00	23.29 1.37 0.00	22.36 1.63 0.00	19.81 1.59 0.00	18.53 1.59 0.00	17.76 1.50 0.00	15.72 1.20 0.00	10.58 0.84 0.00	13.27 0.91 0.00	17.39 1.23 0.00	18.84 1.37 0.00	21.74 1.61 0.00	25.86 2.10 0.00	25.07 1.98 0.00	24.06 1.77 0.00	24.29 1.71 0.00	18.52 1.31 0.00	17.98 1.15 0.00	15.65 0.93 0.00
RAVENSWOOD_GT_1 23729	16.50 0.90 0.00	17.46 0.85 0.00	15.12 0.77 0.00	14.50 0.74 0.00	15.34 0.82 0.00	16.00 0.93 0.00	23.31 1.39 0.00	22.39 1.65 0.00	19.85 1.63 0.00	18.57 1.63 0.00	17.80 1.53 0.00	15.76 1.24 0.00	10.61 0.87 0.00	13.30 0.94 0.00	17.42 1.26 0.00	18.86 1.39 0.00	21.76 1.63 0.00	25.90 2.14 0.00	25.11 2.02 0.00	24.08 1.80 0.00	24.31 1.73 0.00	18.53 1.32 0.00	17.98 1.15 0.00	15.67 0.96 0.00
RAVENSWOOD_GT_10 24258	16.44 0.84 0.00	17.44 0.83 0.00	15.09 0.74 0.00	14.47 0.71 0.00	15.31 0.79 0.00	15.96 0.89 0.00	23.27 1.35 0.00	22.33 1.60 0.00	19.78 1.56 0.00	18.51 1.57 0.00	17.74 1.48 0.00	15.70 1.18 0.00	10.57 0.82 0.00	13.25 0.89 0.00	17.37 1.21 0.00	18.81 1.34 0.00	21.70 1.57 0.00	25.83 2.06 0.00	25.03 1.94 0.00	24.03 1.74 0.00	24.25 1.67 0.00	18.50 1.29 0.00	17.95 1.12 0.00	15.63 0.91 0.00
RAVENSWOOD_GT_11 24259	16.44 0.84 0.00	17.44 0.83 0.00	15.09 0.74 0.00	14.47 0.71 0.00	15.31 0.79 0.00	15.96 0.89 0.00	23.27 1.35 0.00	22.33 1.60 0.00	19.78 1.56 0.00	18.51 1.57 0.00	17.74 1.48 0.00	15.70 1.18 0.00	10.57 0.82 0.00	13.25 0.89 0.00	17.37 1.21 0.00	18.81 1.34 0.00	21.70 1.57 0.00	25.83 2.06 0.00	25.03 1.94 0.00	24.03 1.74 0.00	24.25 1.67 0.00	18.50 1.29 0.00	17.95 1.12 0.00	15.63 0.91 0.00
RAVENSWOOD_GT_4 24252	16.44 0.84 0.00	17.43 0.82 0.00	15.08 0.74 0.00	14.47 0.71 0.00	15.30 0.79 0.00	15.96 0.89 0.00	23.26 1.34 0.00	22.32 1.59 0.00	19.77 1.55 0.00	18.50 1.56 0.00	17.73 1.46 0.00	15.69 1.17 0.00	10.56 0.81 0.00	13.24 0.88 0.00	17.36 1.20 0.00	18.81 1.34 0.00	21.69 1.57 0.00	25.82 2.05 0.00	25.02 1.93 0.00	24.02 1.73 0.00	24.24 1.67 0.00	18.49 1.28 0.00	17.95 1.12 0.00	15.63 0.91 0.00
RAVENSWOOD_GT_5 24254	16.44 0.84 0.00	17.43 0.82 0.00	15.08 0.74 0.00	14.47 0.71 0.00	15.30 0.79 0.00	15.96 0.89 0.00	23.26 1.34 0.00	22.32 1.59 0.00	19.77 1.55 0.00	18.50 1.56 0.00	17.73 1.46 0.00	15.69 1.17 0.00	10.56 0.81 0.00	13.24 0.88 0.00	17.36 1.20 0.00	18.81 1.34 0.00	21.69 1.57 0.00	25.82 2.05 0.00	25.02 1.93 0.00	24.02 1.73 0.00	24.24 1.67 0.00	18.49 1.28 0.00	17.95 1.12 0.00	15.63 0.91 0.00
RAVENSWOOD_GT_6 24253	16.44 0.84 0.00	17.43 0.82 0.00	15.08 0.74 0.00	14.47 0.71 0.00	15.30 0.79 0.00	15.96 0.89 0.00	23.26 1.34 0.00	22.32 1.59 0.00	19.77 1.55 0.00	18.50 1.56 0.00	17.73 1.46 0.00	15.69 1.17 0.00	10.56 0.81 0.00	13.24 0.88 0.00	17.36 1.20 0.00	18.81 1.34 0.00	21.69 1.57 0.00	25.82 2.05 0.00	25.02 1.93 0.00	24.02 1.73 0.00	24.24 1.67 0.00	18.49 1.28 0.00	17.95 1.12 0.00	15.63 0.91 0.00
RAVENSWOOD_GT_7 24255	16.44 0.84 0.00	17.43 0.82 0.00	15.08 0.74 0.00	14.47 0.71 0.00	15.30 0.79 0.00	15.96 0.89 0.00	23.26 1.34 0.00	22.32 1.59 0.00	19.77 1.55 0.00	18.50 1.56 0.00	17.73 1.46 0.00	15.69 1.17 0.00	10.56 0.81 0.00	13.24 0.88 0.00	17.36 1.20 0.00	18.81 1.34 0.00	21.69 1.57 0.00	25.82 2.05 0.00	25.02 1.93 0.00	24.02 1.73 0.00	24.24 1.67 0.00	18.49 1.28 0.00	17.95 1.12 0.00	15.63 0.91 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	16.44 0.84 0.00	17.44 0.83 0.00	15.09 0.74 0.00	14.47 0.71 0.00	15.31 0.79 0.00	15.96 0.89 0.00	23.27 1.35 0.00	22.33 1.60 0.00	19.78 1.56 0.00	18.51 1.57 0.00	17.74 1.48 0.00	15.70 1.18 0.00	10.57 0.82 0.00	13.25 0.89 0.00	17.37 1.21 0.00	18.81 1.34 0.00	21.70 1.57 0.00	25.83 2.06 0.00	25.03 1.94 0.00	24.03 1.74 0.00	24.25 1.67 0.00	18.50 1.29 0.00	17.95 1.12 0.00	15.63 0.91 0.00
RAVENSWOOD_GT_9 24257	16.44 0.84 0.00	17.44 0.83 0.00	15.09 0.74 0.00	14.47 0.71 0.00	15.31 0.79 0.00	15.96 0.89 0.00	23.27 1.35 0.00	22.33 1.60 0.00	19.78 1.56 0.00	18.51 1.57 0.00	17.74 1.48 0.00	15.70 1.18 0.00	10.57 0.82 0.00	13.25 0.89 0.00	17.37 1.21 0.00	18.81 1.34 0.00	21.70 1.57 0.00	25.83 2.06 0.00	25.03 1.94 0.00	24.03 1.74 0.00	24.25 1.67 0.00	18.50 1.29 0.00	17.95 1.12 0.00	15.63 0.91 0.00
RAVENSWOOD___1 23533	16.47 0.87 0.00	17.46 0.84 0.00	15.12 0.77 0.00	14.50 0.74 0.00	15.33 0.82 0.00	16.00 0.93 0.00	23.31 1.39 0.00	22.39 1.65 0.00	19.85 1.63 0.00	18.57 1.63 0.00	17.81 1.54 0.00	15.77 1.24 -0.01	10.62 0.86 -0.01	13.31 0.95 -0.01	17.42 1.26 0.00	18.86 1.39 0.00	21.76 1.63 0.00	25.90 2.14 0.00	25.11 2.02 0.00	24.08 1.79 0.00	24.30 1.73 0.00	18.54 1.33 0.00	17.99 1.15 0.00	15.67 0.96 0.00
RAVENSWOOD___2 23534	16.47 0.87 0.00	17.46 0.84 0.00	15.12 0.77 0.00	14.50 0.74 0.00	15.33 0.82 0.00	16.00 0.93 0.00	23.31 1.39 0.00	22.39 1.65 0.00	19.85 1.63 0.00	18.57 1.63 0.00	17.81 1.54 0.00	15.77 1.24 -0.01	10.62 0.86 -0.01	13.31 0.95 -0.01	17.42 1.26 0.00	18.86 1.39 0.00	21.76 1.63 0.00	25.90 2.14 0.00	25.11 2.02 0.00	24.08 1.79 0.00	24.30 1.73 0.00	18.54 1.33 0.00	17.99 1.15 0.00	15.67 0.96 0.00

RAVENSWOOD___3 23535	16.44 0.84 0.00	17.44 0.82 0.00	15.09 0.74 0.00	14.47 0.71 0.00	15.31 0.79 0.00	15.96 0.89 0.00	23.26 1.35 0.00	22.33 1.59 0.00	19.77 1.56 0.00	18.51 1.56 0.00	17.74 1.47 0.00	15.69 1.18 0.00	10.57 0.82 0.00	13.25 0.89 0.00	17.36 1.20 0.00	18.81 1.34 0.00	21.70 1.57 0.00	25.83 2.06 0.00	25.03 1.94 0.00	24.02 1.74 0.00	24.25 1.67 0.00	18.49 1.29 0.00	17.95 1.12 0.00	15.63 0.91 0.00
RAVENSWOOD___4 23820	16.47 0.87 0.00	17.46 0.84 0.00	15.12 0.77 0.00	14.50 0.74 0.00	15.33 0.82 0.00	16.00 0.93 0.00	23.31 1.39 0.00	22.39 1.65 0.00	19.85 1.63 0.00	18.57 1.63 0.00	17.81 1.54 0.00	15.77 1.24 -0.01	10.62 0.86 -0.01	13.31 0.95 -0.01	17.42 1.26 0.00	18.86 1.39 0.00	21.76 1.63 0.00	25.90 2.14 0.00	25.11 2.02 0.00	24.08 1.79 0.00	24.30 1.73 0.00	18.54 1.33 0.00	17.99 1.15 0.00	15.67 0.96 0.00
RCPL_TRUST___DRP 24196	16.44 0.84 0.00	17.44 0.83 0.00	15.09 0.75 0.00	14.49 0.73 0.00	15.32 0.81 0.00	15.98 0.91 0.00	23.29 1.37 0.00	22.37 1.63 0.00	19.81 1.60 0.00	18.56 1.61 0.00	17.79 1.52 0.00	15.74 1.22 0.00	10.60 0.85 0.00	13.29 0.93 0.00	17.41 1.25 0.00	18.86 1.38 0.00	21.74 1.61 0.00	25.88 2.11 0.00	25.08 1.99 0.00	24.06 1.78 0.00	24.28 1.71 0.00	18.51 1.31 0.00	17.97 1.14 0.00	15.64 0.93 0.00
RED___ROCHESTER 323720	13.35 -1.02 1.23	15.50 -1.11 0.00	13.43 -0.92 0.00	12.91 -0.85 0.00	13.58 -0.93 0.00	14.13 -0.94 0.00	20.76 -1.16 0.00	19.61 -1.13 0.00	17.25 -0.97 0.00	16.23 -0.72 0.00	15.70 -0.56 0.00	13.89 -0.63 0.00	9.34 -0.41 0.00	11.85 -0.51 0.00	15.46 -0.70 0.00	16.66 -0.82 0.00	19.11 -1.02 0.00	22.72 -1.05 0.00	22.01 -1.08 0.00	21.08 -1.20 0.00	21.42 -1.15 0.00	16.15 -1.06 0.00	15.68 -1.15 0.00	13.84 -0.88 0.00
REGAN___SOLAR 323812	16.93 1.33 0.00	18.01 1.40 0.00	15.57 1.23 0.00	14.95 1.19 0.00	15.79 1.28 0.00	16.45 1.39 0.00	24.17 2.25 0.00	22.87 2.13 0.00	19.66 1.45 0.00	17.84 0.89 0.00	16.89 0.62 0.00	14.89 0.37 0.00	9.95 0.20 0.00	12.66 0.31 0.00	16.64 0.48 0.00	18.64 1.17 0.00	21.78 1.65 0.00	26.15 2.38 0.00	25.57 2.48 0.00	24.65 2.36 0.00	24.90 2.32 0.00	18.83 1.62 0.00	18.33 1.50 0.00	15.99 1.27 0.00
RENSSELAER___COGEN 23796	16.09 0.49 0.00	17.11 0.50 0.00	14.77 0.42 0.00	14.19 0.43 0.00	15.00 0.49 0.00	15.60 0.53 0.00	22.58 0.66 0.00	21.51 0.78 0.00	18.89 0.67 0.00	17.64 0.69 0.00	16.82 0.56 0.00	14.97 0.46 0.00	10.06 0.30 0.00	12.72 0.36 0.00	16.63 0.47 0.00	18.04 0.57 0.00	20.81 0.68 0.00	24.66 0.90 0.00	23.92 0.83 0.00	23.00 0.71 0.00	23.33 0.76 0.00	17.82 0.62 0.00	17.41 0.58 0.00	15.19 0.48 0.00
REPUBLIC_115KV_BARTNBRK 55605	16.79 1.19 0.00	18.00 1.38 0.00	15.47 1.13 0.00	14.86 1.10 0.00	15.78 1.27 0.00	16.51 1.44 0.00	24.18 2.26 0.00	22.95 2.21 0.00	19.93 1.72 0.00	18.28 1.33 0.00	17.46 1.19 0.00	15.57 1.05 0.00	10.45 0.70 0.00	13.25 0.90 0.00	17.51 1.35 0.00	19.31 1.83 0.00	22.42 2.29 0.00	26.27 2.50 0.00	25.34 2.25 0.00	24.58 2.30 0.00	24.89 2.32 0.00	19.06 1.85 0.00	18.51 1.67 0.00	15.96 1.25 0.00
REVERE_CPPR_DRP 24186	15.88 0.28 0.00	16.89 0.28 0.00	14.61 0.27 0.00	14.03 0.27 0.00	14.81 0.29 0.00	15.42 0.35 0.00	22.57 0.65 0.00	21.33 0.59 0.00	18.60 0.38 0.00	17.22 0.27 0.00	16.50 0.24 0.00	14.67 0.15 0.00	9.83 0.08 0.00	12.44 0.09 0.00	16.35 0.18 0.00	17.81 0.34 0.00	20.64 0.51 0.00	24.50 0.73 0.00	23.82 0.73 0.00	22.94 0.65 0.00	23.18 0.60 0.00	17.60 0.39 0.00	17.09 0.33 0.08	15.00 0.28 0.00
REYNOLDS_115KV_TB3 80639	16.15 0.55 0.00	17.18 0.57 0.00	14.82 0.47 0.00	14.24 0.48 0.00	15.06 0.54 0.00	15.65 0.58 0.00	22.69 0.76 0.00	21.60 0.87 0.00	18.99 0.77 0.00	17.71 0.77 0.00	16.93 0.66 0.00	15.04 0.52 0.00	10.10 0.35 0.00	12.77 0.42 0.00	16.72 0.56 0.00	18.13 0.66 0.00	20.91 0.78 0.00	24.77 1.00 0.00	24.02 0.93 0.00	23.10 0.81 0.00	23.44 0.87 0.00	17.92 0.71 0.00	17.50 0.66 0.00	15.26 0.54 0.00
RIVERBAY____ 323610	16.51 0.91 0.00	17.51 0.90 0.00	15.20 0.85 0.00	14.57 0.81 0.00	15.42 0.90 0.00	16.09 1.02 0.00	23.52 1.59 0.00	22.48 1.74 0.00	19.90 1.68 0.00	18.58 1.64 0.00	17.80 1.53 0.00	15.73 1.21 0.00	10.58 0.83 0.00	13.26 0.90 0.00	17.37 1.21 0.00	18.82 1.34 0.00	21.74 1.61 0.00	25.83 2.06 0.00	25.09 2.01 0.00	24.06 1.78 0.00	24.28 1.70 0.00	18.51 1.31 0.00	17.96 1.13 0.00	15.64 0.92 0.00
RIVERSDE_115KV_TB3 55908	16.13 0.53 0.00	17.16 0.55 0.00	14.81 0.46 0.00	14.23 0.47 0.00	15.05 0.53 0.00	15.64 0.57 0.00	22.66 0.74 0.00	21.58 0.84 0.00	18.96 0.74 0.00	17.70 0.75 0.00	16.89 0.63 0.00	15.03 0.51 0.00	10.09 0.34 0.00	12.76 0.40 0.00	16.70 0.53 0.00	18.11 0.64 0.00	20.89 0.76 0.00	24.75 0.98 0.00	23.99 0.90 0.00	23.07 0.78 0.00	23.41 0.83 0.00	17.89 0.68 0.00	17.47 0.64 0.00	15.24 0.52 0.00
ROARING___BROOK_WT_PWR 323790	15.16 -0.44 0.00	16.17 -0.44 0.00	13.94 -0.40 0.00	13.38 -0.38 0.00	14.09 -0.43 0.00	14.59 -0.48 0.00	21.19 -0.72 0.00	20.00 -0.74 0.00	17.65 -0.57 0.00	16.41 -0.54 0.00	15.72 -0.54 0.00	14.05 -0.47 0.00	9.45 -0.29 0.00	12.01 -0.35 0.00	15.70 -0.46 0.00	17.01 -0.47 0.00	19.57 -0.56 0.00	23.10 -0.67 0.00	22.44 -0.65 0.00	21.62 -0.67 0.00	21.80 -0.78 0.00	16.63 -0.57 0.00	11.70 -0.45 4.68	14.37 -0.35 0.00
ROCHESRG_115KV_T4 355643	13.25 -1.16 1.20	15.36 -1.25 0.00	13.31 -1.04 0.00	12.79 -0.97 0.00	13.46 -1.06 0.00	13.99 -1.08 0.00	20.55 -1.38 0.00	19.40 -1.34 0.00	17.08 -1.14 0.00	16.08 -0.87 0.00	15.56 -0.71 0.00	13.77 -0.74 0.00	9.26 -0.49 0.00	11.73 -0.63 0.00	15.30 -0.86 0.00	16.48 -0.99 0.00	18.91 -1.22 0.00	22.46 -1.31 0.00	21.75 -1.34 0.00	20.85 -1.44 0.00	21.18 -1.40 0.00	15.98 -1.23 0.00	15.53 -1.30 0.00	13.71 -1.00 0.00
ROCHESTER_9_IC 23652	13.29 -1.08 1.23	15.44 -1.18 0.00	13.38 -0.97 0.00	12.86 -0.90 0.00	13.53 -0.99 0.00	14.07 -1.00 0.00	20.67 -1.26 0.00	19.52 -1.22 0.00	17.17 -1.04 0.00	16.16 -0.78 0.00	15.64 -0.63 0.00	13.84 -0.68 0.00	9.31 -0.45 0.00	11.79 -0.56 0.00	15.39 -0.77 0.00	16.58 -0.89 0.00	19.02 -1.10 0.00	22.60 -1.17 0.00	21.89 -1.20 0.00	20.98 -1.31 0.00	21.31 -1.27 0.00	16.07 -1.14 0.00	15.61 -1.22 0.00	13.78 -0.94 0.00
ROCKVIEW_13_KV_LD 356306	16.47 0.87 0.00	17.46 0.85 0.00	15.08 0.74 0.00	14.47 0.70 0.00	15.30 0.78 0.00	15.95 0.88 0.00	23.33 1.41 0.00	22.33 1.60 0.00	19.74 1.53 0.00	18.47 1.52 0.00	17.69 1.42 0.00	15.66 1.14 0.00	10.54 0.79 0.00	13.22 0.86 0.00	17.34 1.18 0.00	18.80 1.32 0.00	21.70 1.58 0.00	25.82 2.06 0.00	25.04 1.95 0.00	24.04 1.76 0.00	24.27 1.70 0.00	18.49 1.29 0.00	17.96 1.13 0.00	15.64 0.92 0.00

ROME____115KV_TB2 80656	15.88 0.28 0.00	16.89 0.28 0.00	14.61 0.27 0.00	14.03 0.27 0.00	14.81 0.29 0.00	15.42 0.35 0.00	22.57 0.65 0.00	21.33 0.59 0.00	18.60 0.38 0.00	17.22 0.27 0.00	16.50 0.24 0.00	14.67 0.15 0.00	9.83 0.08 0.00	12.44 0.09 0.00	16.35 0.18 0.00	17.81 0.34 0.00	20.64 0.51 0.00	24.50 0.73 0.00	23.82 0.73 0.00	22.94 0.65 0.00	23.18 0.60 0.00	17.60 0.39 0.00	17.09 0.33 0.08	15.00 0.28 0.00
ROSETON___1 23587	16.29 0.69 0.00	17.29 0.68 0.00	14.94 0.60 0.00	14.34 0.57 0.00	15.15 0.64 0.00	15.78 0.71 0.00	23.03 1.11 0.00	22.02 1.28 0.00	19.43 1.21 0.00	18.14 1.20 0.00	17.37 1.10 0.00	15.37 0.86 0.00	10.34 0.59 0.00	13.00 0.64 0.00	17.06 0.90 0.00	18.50 1.03 0.00	21.37 1.24 0.00	25.40 1.63 0.00	24.63 1.53 0.00	23.66 1.37 0.00	23.91 1.33 0.00	18.23 1.03 0.00	17.74 0.90 0.00	15.45 0.73 0.00
ROSETON___2 23588	16.29 0.69 0.00	17.29 0.68 0.00	14.94 0.60 0.00	14.34 0.57 0.00	15.15 0.64 0.00	15.78 0.71 0.00	23.03 1.11 0.00	22.02 1.28 0.00	19.43 1.21 0.00	18.14 1.20 0.00	17.37 1.10 0.00	15.37 0.86 0.00	10.34 0.59 0.00	13.00 0.64 0.00	17.06 0.90 0.00	18.50 1.03 0.00	21.37 1.24 0.00	25.40 1.63 0.00	24.63 1.53 0.00	23.66 1.37 0.00	23.91 1.33 0.00	18.23 1.03 0.00	17.74 0.90 0.00	15.45 0.73 0.00
ROTTDRAM_115KV_TB3 80664	16.08 0.48 0.00	17.10 0.49 0.00	14.77 0.43 0.00	14.19 0.42 0.00	14.99 0.47 0.00	15.58 0.51 0.00	22.71 0.79 0.00	21.58 0.84 0.00	18.93 0.72 0.00	17.60 0.66 0.00	16.86 0.59 0.00	14.98 0.46 0.00	10.06 0.31 0.00	12.71 0.35 0.00	16.66 0.50 0.00	18.10 0.62 0.00	20.91 0.78 0.00	24.78 1.01 0.00	24.04 0.95 0.00	23.15 0.86 0.00	23.44 0.86 0.00	17.87 0.67 0.00	17.43 0.60 0.00	15.20 0.48 0.00
RUSSELL___1 23602	13.35 -1.02 1.23	15.50 -1.11 0.00	13.43 -0.92 0.00	12.91 -0.85 0.00	13.58 -0.93 0.00	14.13 -0.94 0.00	20.76 -1.16 0.00	19.61 -1.13 0.00	17.25 -0.97 0.00	16.23 -0.72 0.00	15.70 -0.56 0.00	13.90 -0.63 0.00	9.35 -0.41 0.00	11.85 -0.51 0.00	15.46 -0.70 0.00	16.66 -0.82 0.00	19.11 -1.02 0.00	22.72 -1.05 0.00	22.00 -1.09 0.00	21.08 -1.20 0.00	21.41 -1.16 0.00	16.15 -1.06 0.00	15.68 -1.15 0.00	13.84 -0.88 0.00
RUSSELL___2 23532	13.35 -1.02 1.23	15.50 -1.11 0.00	13.43 -0.92 0.00	12.91 -0.85 0.00	13.58 -0.93 0.00	14.13 -0.94 0.00	20.76 -1.16 0.00	19.61 -1.13 0.00	17.25 -0.97 0.00	16.23 -0.72 0.00	15.70 -0.56 0.00	13.90 -0.63 0.00	9.35 -0.41 0.00	11.85 -0.51 0.00	15.46 -0.70 0.00	16.66 -0.82 0.00	19.11 -1.02 0.00	22.72 -1.05 0.00	22.00 -1.09 0.00	21.08 -1.20 0.00	21.41 -1.16 0.00	16.15 -1.06 0.00	15.68 -1.15 0.00	13.84 -0.88 0.00
RUSSELL___3 23549	13.35 -1.02 1.23	15.50 -1.11 0.00	13.43 -0.92 0.00	12.91 -0.85 0.00	13.58 -0.93 0.00	14.13 -0.94 0.00	20.76 -1.16 0.00	19.61 -1.13 0.00	17.25 -0.97 0.00	16.23 -0.72 0.00	15.70 -0.56 0.00	13.90 -0.63 0.00	9.35 -0.41 0.00	11.85 -0.51 0.00	15.46 -0.70 0.00	16.66 -0.82 0.00	19.11 -1.02 0.00	22.72 -1.05 0.00	22.00 -1.09 0.00	21.08 -1.20 0.00	21.41 -1.16 0.00	16.15 -1.06 0.00	15.68 -1.15 0.00	13.84 -0.88 0.00
RUSSELL___4 23556	13.35 -1.02 1.23	15.50 -1.11 0.00	13.43 -0.92 0.00	12.91 -0.85 0.00	13.58 -0.93 0.00	14.13 -0.94 0.00	20.76 -1.16 0.00	19.61 -1.13 0.00	17.25 -0.97 0.00	16.23 -0.72 0.00	15.70 -0.56 0.00	13.90 -0.63 0.00	9.35 -0.41 0.00	11.85 -0.51 0.00	15.46 -0.70 0.00	16.66 -0.82 0.00	19.11 -1.02 0.00	22.72 -1.05 0.00	22.00 -1.09 0.00	21.08 -1.20 0.00	21.41 -1.16 0.00	16.15 -1.06 0.00	15.68 -1.15 0.00	13.84 -0.88 0.00
RUSSELL___STATION 23914	13.35 -1.02 1.23	15.50 -1.11 0.00	13.43 -0.92 0.00	12.91 -0.85 0.00	13.58 -0.93 0.00	14.13 -0.94 0.00	20.76 -1.16 0.00	19.61 -1.13 0.00	17.25 -0.97 0.00	16.23 -0.72 0.00	15.70 -0.56 0.00	13.90 -0.63 0.00	9.35 -0.41 0.00	11.85 -0.51 0.00	15.46 -0.70 0.00	16.66 -0.82 0.00	19.11 -1.02 0.00	22.72 -1.05 0.00	22.00 -1.09 0.00	21.08 -1.20 0.00	21.41 -1.16 0.00	16.15 -1.06 0.00	15.68 -1.15 0.00	13.84 -0.88 0.00
S SALMON___HYD 24043	14.83 -0.77 0.00	15.78 -0.83 0.00	13.66 -0.68 0.00	13.10 -0.66 0.00	13.79 -0.73 0.00	14.35 -0.72 0.00	20.95 -0.97 0.00	19.82 -0.91 0.00	17.31 -0.91 0.00	16.14 -0.81 0.00	15.52 -0.75 0.00	13.77 -0.74 0.00	9.23 -0.52 0.00	11.67 -0.69 0.00	15.29 -0.87 0.00	16.68 -0.79 0.00	19.20 -0.93 0.00	22.78 -0.99 0.00	22.15 -0.94 0.00	21.30 -0.98 0.00	21.57 -1.00 0.00	16.40 -0.80 0.00	15.79 -0.84 0.20	14.02 -0.70 0.00
S.PERRY__115KV_TB1 80734	10.41 -0.76 4.43	15.93 -0.68 0.00	13.77 -0.58 0.00	13.22 -0.54 0.00	14.04 -0.47 0.00	14.53 -0.54 0.00	21.39 -0.53 0.00	20.25 -0.49 0.00	17.53 -0.69 0.00	16.40 -0.55 0.00	15.88 -0.39 0.00	13.92 -0.60 0.00	9.27 -0.48 0.00	11.81 -0.55 0.00	15.69 -0.47 0.00	17.05 -0.43 0.00	19.66 -0.47 0.00	23.37 -0.40 0.00	22.75 -0.34 0.00	21.90 -0.39 0.00	22.01 -0.57 0.00	16.59 -0.62 0.00	16.18 -0.65 0.00	14.28 -0.43 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	12.25 -1.64 1.72	14.83 -1.79 0.00	12.90 -1.45 0.00	12.39 -1.37 0.00	13.02 -1.50 0.00	13.52 -1.55 0.00	19.92 -2.00 0.00	18.75 -1.99 0.00	16.58 -1.64 0.00	15.72 -1.23 0.00	15.30 -0.97 0.00	13.52 -1.00 0.00	9.10 -0.65 0.00	11.45 -0.90 0.00	14.88 -1.28 0.00	15.95 -1.53 0.00	18.29 -1.84 0.00	21.80 -1.97 0.00	21.07 -2.02 0.00	20.11 -2.18 0.00	20.50 -2.08 0.00	15.38 -1.83 0.00	14.93 -1.90 0.00	13.31 -1.41 0.00
SAWYER___23_KV_LOAD 55526	12.25 -1.64 1.72	14.83 -1.79 0.00	12.90 -1.45 0.00	12.39 -1.37 0.00	13.02 -1.50 0.00	13.52 -1.55 0.00	19.92 -2.00 0.00	18.75 -1.99 0.00	16.58 -1.64 0.00	15.72 -1.23 0.00	15.30 -0.97 0.00	13.52 -1.00 0.00	9.10 -0.65 0.00	11.45 -0.90 0.00	14.88 -1.28 0.00	15.95 -1.53 0.00	18.29 -1.84 0.00	21.80 -1.97 0.00	21.07 -2.02 0.00	20.11 -2.18 0.00	20.50 -2.08 0.00	15.38 -1.83 0.00	14.93 -1.90 0.00	13.31 -1.41 0.00
SELKIRK___I 23801	16.14 0.53 0.00	17.18 0.57 0.00	14.84 0.49 0.00	14.25 0.49 0.00	15.06 0.55 0.00	15.65 0.58 0.00	22.72 0.80 0.00	21.57 0.83 0.00	18.85 0.64 0.00	17.54 0.60 0.00	16.77 0.50 0.00	14.91 0.39 0.00	10.02 0.27 0.00	12.68 0.32 0.00	16.60 0.44 0.00	18.05 0.58 0.00	20.89 0.76 0.00	24.77 1.00 0.00	24.03 0.94 0.00	23.11 0.82 0.00	23.43 0.85 0.00	17.88 0.68 0.00	17.46 0.63 0.00	15.25 0.53 0.00
SELKIRK___II 23799	16.07 0.46 0.00	17.10 0.49 0.00	14.76 0.42 0.00	14.18 0.41 0.00	14.98 0.47 0.00	15.57 0.50 0.00	22.60 0.68 0.00	21.51 0.77 0.00	18.89 0.67 0.00	17.61 0.67 0.00	16.83 0.57 0.00	14.97 0.45 0.00	10.05 0.30 0.00	12.71 0.35 0.00	16.63 0.47 0.00	18.04 0.57 0.00	20.83 0.70 0.00	24.68 0.92 0.00	23.94 0.85 0.00	23.03 0.75 0.00	23.34 0.77 0.00	17.82 0.61 0.00	17.40 0.57 0.00	15.18 0.47 0.00

SENECA OSWGO___HYD 24041	14.96 -0.65 0.00	15.91 -0.70 0.00	13.76 -0.58 0.00	13.20 -0.56 0.00	13.90 -0.61 0.00	14.47 -0.60 0.00	21.09 -0.83 0.00	19.97 -0.76 0.00	17.52 -0.70 0.00	16.39 -0.55 0.00	15.79 -0.48 0.00	14.02 -0.50 0.00	9.41 -0.34 0.00	11.92 -0.44 0.00	15.60 -0.56 0.00	16.89 -0.59 0.00	19.42 -0.70 0.00	23.01 -0.76 0.00	22.32 -0.77 0.00	21.48 -0.80 0.00	21.76 -0.82 0.00	16.56 -0.64 0.00	16.14 -0.69 0.00	14.15 -0.57 0.00
SENECA___115KV_TB3 355854	12.28 -1.47 1.85	15.01 -1.60 0.00	13.05 -1.30 0.00	12.54 -1.22 0.00	13.17 -1.35 0.00	13.68 -1.39 0.00	20.17 -1.75 0.00	19.01 -1.73 0.00	16.80 -1.42 0.00	15.91 -1.03 0.00	15.50 -0.77 0.00	13.70 -0.82 0.00	9.21 -0.54 0.00	11.58 -0.78 0.00	15.05 -1.11 0.00	16.13 -1.35 0.00	18.54 -1.59 0.00	22.13 -1.64 0.00	21.37 -1.72 0.00	20.39 -1.90 0.00	20.75 -1.82 0.00	15.56 -1.64 0.00	15.11 -1.72 0.00	13.46 -1.25 0.00
SENECA___ENERGY 23797	14.29 -0.67 0.64	15.93 -0.68 0.00	13.76 -0.58 0.00	13.20 -0.56 0.00	13.94 -0.58 0.00	14.49 -0.58 0.00	21.23 -0.69 0.00	20.12 -0.62 0.00	17.61 -0.61 0.00	16.43 -0.52 0.00	15.85 -0.42 0.00	14.04 -0.48 0.00	9.39 -0.36 0.00	11.92 -0.44 0.00	15.66 -0.50 0.00	16.96 -0.51 0.00	19.53 -0.60 0.00	23.18 -0.59 0.00	22.50 -0.59 0.00	21.62 -0.67 0.00	21.86 -0.72 0.00	16.57 -0.63 0.00	16.14 -0.69 0.00	14.18 -0.54 0.00
SHOEMAKER___GT 23640	16.19 0.59 0.00	17.19 0.58 0.00	14.86 0.51 0.00	14.26 0.50 0.00	15.07 0.55 0.00	15.69 0.62 0.00	22.90 0.97 0.00	21.86 1.13 0.00	19.26 1.04 0.00	17.96 1.02 0.00	17.19 0.92 0.00	15.22 0.70 0.00	10.24 0.49 0.00	12.88 0.52 0.00	16.92 0.76 0.00	18.37 0.89 0.00	21.22 1.09 0.00	25.23 1.46 0.00	24.46 1.37 0.00	23.50 1.22 0.00	23.76 1.19 0.00	18.11 0.90 0.00	17.62 0.79 0.00	15.36 0.64 0.00
SHOEMAKR_138KV_BK 111 55601	16.19 0.59 0.00	17.19 0.57 0.00	14.85 0.51 0.00	14.25 0.49 0.00	15.07 0.55 0.00	15.69 0.62 0.00	22.89 0.97 0.00	21.86 1.13 0.00	19.27 1.05 0.00	17.97 1.03 0.00	17.21 0.94 0.00	15.24 0.72 0.00	10.25 0.50 0.00	12.89 0.53 0.00	16.93 0.77 0.00	18.37 0.90 0.00	21.22 1.09 0.00	25.23 1.46 0.00	24.46 1.37 0.00	23.51 1.22 0.00	23.76 1.19 0.00	18.11 0.90 0.00	17.61 0.78 0.00	15.35 0.64 0.00
SHOREHAM_IC_1 23715	16.88 1.28 0.00	17.98 1.37 0.00	15.56 1.22 0.00	14.89 1.13 0.00	59.37 1.26 -43.59	16.39 1.32 0.00	23.87 1.95 0.00	22.75 2.02 0.00	20.03 1.82 0.00	18.64 1.69 0.00	17.87 1.60 0.00	15.71 1.19 0.00	10.59 0.84 0.00	13.20 0.84 0.00	17.34 1.18 0.00	18.86 1.38 0.00	21.93 1.80 0.00	26.27 2.50 0.00	25.53 2.44 0.00	24.57 2.28 0.00	24.82 2.25 0.00	19.03 1.71 -0.11	20.76 1.65 -2.28	15.99 1.27 0.00
SHOREHAM_IC_2 23716	16.88 1.28 0.00	17.98 1.37 0.00	15.56 1.22 0.00	14.89 1.13 0.00	59.37 1.26 -43.59	16.39 1.32 0.00	23.87 1.95 0.00	22.75 2.02 0.00	20.03 1.82 0.00	18.64 1.69 0.00	17.87 1.60 0.00	15.71 1.19 0.00	10.59 0.84 0.00	13.20 0.84 0.00	17.34 1.18 0.00	18.86 1.38 0.00	21.93 1.80 0.00	26.27 2.50 0.00	25.53 2.44 0.00	24.57 2.28 0.00	24.82 2.25 0.00	19.03 1.71 -0.11	20.76 1.65 -2.28	15.99 1.27 0.00
SISSONVILLE___ 23735	15.62 0.02 0.00	16.66 0.05 0.00	14.33 -0.02 0.00	18.61 -0.06 -4.90	19.88 -0.09 -5.46	20.32 -0.28 -5.53	26.75 -0.59 -5.41	21.64 -0.67 -1.57	22.03 -0.64 -4.45	21.00 -0.73 -4.80	17.87 -0.80 -2.40	13.95 -0.57 0.00	9.38 -0.37 0.00	11.91 -0.45 0.00	15.56 -0.60 0.00	16.82 -0.65 0.00	19.32 -0.80 0.00	22.88 -0.88 0.00	27.05 -0.75 -4.71	28.23 -0.63 -6.58	28.52 -0.68 -6.63	22.51 -0.53 -5.84	18.85 -0.24 -2.26	14.64 -0.07 0.00
SITHE_IND_GS1 24169	14.86 -0.74 0.00	15.82 -0.79 0.00	13.68 -0.67 0.00	13.12 -0.64 0.00	13.80 -0.71 0.00	14.35 -0.72 0.00	20.89 -1.04 0.00	19.78 -0.96 0.00	17.37 -0.84 0.00	16.28 -0.66 0.00	15.69 -0.58 0.00	13.95 -0.57 0.00	9.36 -0.39 0.00	11.86 -0.49 0.00	15.52 -0.64 0.00	16.77 -0.71 0.00	19.25 -0.88 0.00	22.76 -1.01 0.00	22.08 -1.01 0.00	21.26 -1.02 0.00	21.55 -1.03 0.00	16.42 -0.78 0.00	16.03 -0.81 0.00	14.06 -0.66 0.00
SITHE_IND_GS2 24170	14.86 -0.74 0.00	15.82 -0.79 0.00	13.68 -0.67 0.00	13.12 -0.64 0.00	13.80 -0.71 0.00	14.35 -0.72 0.00	20.89 -1.04 0.00	19.78 -0.96 0.00	17.37 -0.84 0.00	16.28 -0.66 0.00	15.69 -0.58 0.00	13.95 -0.57 0.00	9.36 -0.39 0.00	11.86 -0.49 0.00	15.52 -0.64 0.00	16.77 -0.71 0.00	19.25 -0.88 0.00	22.76 -1.01 0.00	22.08 -1.01 0.00	21.26 -1.02 0.00	21.55 -1.03 0.00	16.42 -0.78 0.00	16.03 -0.81 0.00	14.06 -0.66 0.00
SITHE_IND_GS3 24171	14.86 -0.74 0.00	15.82 -0.79 0.00	13.68 -0.67 0.00	13.12 -0.64 0.00	13.80 -0.71 0.00	14.35 -0.72 0.00	20.89 -1.04 0.00	19.78 -0.96 0.00	17.37 -0.84 0.00	16.28 -0.66 0.00	15.69 -0.58 0.00	13.95 -0.57 0.00	9.36 -0.39 0.00	11.86 -0.49 0.00	15.52 -0.64 0.00	16.77 -0.71 0.00	19.25 -0.88 0.00	22.76 -1.01 0.00	22.08 -1.01 0.00	21.26 -1.02 0.00	21.55 -1.03 0.00	16.42 -0.78 0.00	16.03 -0.81 0.00	14.06 -0.66 0.00
SITHE_IND_GS4 24172	14.86 -0.74 0.00	15.82 -0.79 0.00	13.68 -0.67 0.00	13.12 -0.64 0.00	13.80 -0.71 0.00	14.35 -0.72 0.00	20.89 -1.04 0.00	19.78 -0.96 0.00	17.37 -0.84 0.00	16.28 -0.66 0.00	15.69 -0.58 0.00	13.95 -0.57 0.00	9.36 -0.39 0.00	11.86 -0.49 0.00	15.52 -0.64 0.00	16.77 -0.71 0.00	19.25 -0.88 0.00	22.76 -1.01 0.00	22.08 -1.01 0.00	21.26 -1.02 0.00	21.55 -1.03 0.00	16.42 -0.78 0.00	16.03 -0.81 0.00	14.06 -0.66 0.00
SITHE___BATAVIA 24024	12.91 -1.21 1.48	15.25 -1.36 0.00	13.26 -1.09 0.00	12.75 -1.02 0.00	13.40 -1.11 0.00	13.95 -1.12 0.00	20.62 -1.30 0.00	19.40 -1.34 0.00	17.07 -1.15 0.00	16.06 -0.88 0.00	15.54 -0.73 0.00	13.74 -0.78 0.00	9.25 -0.50 0.00	11.72 -0.64 0.00	15.31 -0.85 0.00	16.47 -1.01 0.00	18.92 -1.21 0.00	22.55 -1.22 0.00	21.82 -1.28 0.00	20.83 -1.45 0.00	21.21 -1.37 0.00	15.89 -1.31 0.00	15.41 -1.42 0.00	13.68 -1.04 0.00
SITHE___INDEPEND 23800	14.86 -0.75 0.00	15.82 -0.79 0.00	13.68 -0.67 0.00	13.12 -0.64 0.00	13.80 -0.71 0.00	14.35 -0.72 0.00	20.89 -1.04 0.00	19.77 -0.97 0.00	17.37 -0.84 0.00	16.28 -0.66 0.00	15.69 -0.57 0.00	13.95 -0.57 0.00	9.37 -0.39 0.00	11.86 -0.49 0.00	15.52 -0.64 0.00	16.76 -0.71 0.00	19.25 -0.88 0.00	22.76 -1.01 0.00	22.08 -1.01 0.00	21.26 -1.02 0.00	21.55 -1.03 0.00	16.42 -0.78 0.00	16.03 -0.81 0.00	14.06 -0.66 0.00
SITHE___MASSENA 23902	15.79 0.19 0.00	16.84 0.22 0.00	14.49 0.15 0.00	14.79 0.13 -0.91	15.63 0.11 -1.01	16.13 0.04 -1.02	22.84 -0.08 -1.00	20.84 -0.19 -0.29	18.87 -0.17 -0.82	17.58 -0.25 -0.88	16.36 -0.35 -0.44	14.34 -0.18 0.00	9.65 -0.11 0.00	12.26 -0.09 0.00	16.02 -0.14 0.00	17.27 -0.20 0.00	19.87 -0.26 0.00	23.46 -0.30 0.00	23.74 -0.22 -0.87	23.39 -0.11 -1.22	23.66 -0.14 -1.22	18.11 -0.17 -1.07	15.00 -0.01 1.82	14.81 0.09 0.00

SITHE___OGDNSBRG 24021	15.98 0.38 0.00	17.04 0.43 0.00	14.67 0.32 0.00	17.40 0.28 -3.35	18.52 0.28 -3.73	19.03 0.18 -3.78	25.78 0.17 -3.70	21.83 0.01 -1.08	21.16 -0.11 -3.04	19.94 -0.28 -3.28	17.51 -0.39 -1.64	14.32 -0.19 0.00	9.62 -0.13 0.00	12.24 -0.11 0.00	15.99 -0.17 0.00	17.26 -0.22 0.00	19.86 -0.27 0.00	23.60 -0.16 0.00	26.31 0.00 -3.22	26.91 0.12 -4.50	27.17 0.07 -4.53	21.20 0.01 -3.99	17.74 0.23 -0.68	15.01 0.30 0.00
SITHE___STERLING 23777	15.78 0.18 0.00	16.79 0.18 0.00	14.52 0.18 0.00	13.94 0.18 0.00	14.71 0.20 0.00	15.33 0.26 0.00	22.40 0.48 0.00	21.19 0.45 0.00	18.50 0.28 0.00	17.13 0.18 0.00	16.43 0.16 0.00	14.61 0.09 0.00	9.80 0.05 0.00	12.41 0.05 0.00	16.28 0.12 0.00	17.70 0.23 0.00	20.51 0.38 0.00	24.33 0.56 0.00	23.63 0.53 0.00	22.76 0.47 0.00	23.00 0.43 0.00	17.48 0.27 0.00	17.04 0.21 0.00	14.89 0.18 0.00
SLEIGHT__34_KV_TB1 80719	14.02 -0.89 0.69	15.65 -0.96 0.00	13.53 -0.81 0.00	13.00 -0.76 0.00	13.69 -0.83 0.00	14.26 -0.81 0.00	20.94 -0.98 0.00	19.80 -0.94 0.00	17.38 -0.83 0.00	16.28 -0.67 0.00	15.72 -0.55 0.00	13.92 -0.60 0.00	9.35 -0.40 0.00	11.86 -0.50 0.00	15.52 -0.65 0.00	16.75 -0.72 0.00	19.27 -0.86 0.00	22.89 -0.88 0.00	22.17 -0.92 0.00	21.25 -1.04 0.00	21.55 -1.03 0.00	16.29 -0.92 0.00	15.83 -1.00 0.00	13.93 -0.79 0.00
SOUTH CAIRO___GT 23612	16.66 1.06 0.00	17.72 1.11 0.00	15.31 0.96 0.00	14.71 0.95 0.00	15.57 1.05 0.00	16.21 1.14 0.00	23.57 1.65 0.00	22.38 1.65 0.00	19.43 1.21 0.00	17.91 0.96 0.00	17.03 0.76 0.00	15.11 0.59 0.00	10.14 0.39 0.00	12.85 0.49 0.00	16.83 0.67 0.00	18.43 0.95 0.00	21.54 1.41 0.00	25.70 1.93 0.00	25.00 1.91 0.00	24.00 1.71 0.00	24.27 1.70 0.00	18.47 1.26 0.00	18.01 1.17 0.00	15.70 0.98 0.00
SOUTH HAMPTN___IC 23720	17.00 1.40 0.00	18.12 1.51 0.00	15.68 1.33 0.00	15.00 1.24 0.00	87.23 1.38 -71.33	16.53 1.46 0.00	24.06 2.14 0.00	22.94 2.20 0.00	20.16 1.94 0.00	18.71 1.77 0.00	17.93 1.67 0.00	15.78 1.26 0.00	10.62 0.87 0.00	13.25 0.89 0.00	17.43 1.27 0.00	18.96 1.48 0.00	22.04 1.91 0.00	26.40 2.63 0.00	25.66 2.57 0.00	24.68 2.39 0.00	24.95 2.37 0.00	19.16 1.84 -0.11	20.83 1.72 -2.28	16.03 1.32 0.00
SOUTHDOW__115KV_TB1 355954	12.12 -1.12 2.37	15.40 -1.22 0.00	13.53 -0.82 0.00	12.96 -0.80 0.00	13.51 -1.01 0.00	14.14 -0.93 0.00	21.05 -0.87 0.00	19.80 -0.94 0.00	17.39 -0.83 0.00	16.48 -0.46 0.00	16.05 -0.22 0.00	14.18 -0.34 0.00	9.46 -0.29 0.00	11.89 -0.47 0.00	15.49 -0.68 0.00	16.55 -0.92 0.00	18.98 -1.15 0.00	22.78 -0.99 0.00	22.06 -1.03 0.00	20.93 -1.36 0.00	21.21 -1.36 0.00	15.98 -1.23 0.00	15.53 -1.31 0.00	13.99 -0.73 0.00
SOUTHOLD_69_KV_BK 2 55809	17.19 1.59 0.00	18.33 1.72 0.00	15.87 1.52 0.00	15.19 1.43 0.00	87.99 1.58 -71.89	16.76 1.69 0.00	24.35 2.43 0.00	23.19 2.46 0.00	20.31 2.09 0.00	18.79 1.84 0.00	17.97 1.71 0.00	15.81 1.29 0.00	10.63 0.87 0.00	13.25 0.89 0.00	17.45 1.29 0.00	19.00 1.53 0.00	22.10 1.97 0.00	26.51 2.75 0.00	25.79 2.70 0.00	24.79 2.51 0.00	25.10 2.52 0.00	19.32 2.00 -0.11	20.90 1.79 -2.28	16.06 1.34 0.00
SOUTHOLD___IC 23719	17.19 1.59 0.00	18.33 1.72 0.00	15.87 1.52 0.00	15.19 1.42 0.00	87.99 1.58 -71.89	16.76 1.69 0.00	24.35 2.43 0.00	23.19 2.46 0.00	20.31 2.09 0.00	18.79 1.84 0.00	17.97 1.71 0.00	15.81 1.29 0.00	10.63 0.87 0.00	13.25 0.89 0.00	17.45 1.29 0.00	19.00 1.53 0.00	22.09 1.97 0.00	26.51 2.75 0.00	25.79 2.70 0.00	24.79 2.51 0.00	25.10 2.52 0.00	19.32 2.00 -0.11	20.90 1.79 -2.28	16.06 1.34 0.00
SOUTH_FORK_WT_PWR 323839	17.19 1.59 0.00	18.35 1.73 0.00	15.88 1.54 0.00	15.20 1.44 0.00	87.71 1.60 -71.59	16.77 1.70 0.00	24.33 2.41 0.00	23.16 2.43 0.00	20.23 2.02 0.00	18.69 1.74 0.00	17.86 1.59 0.00	15.71 1.20 0.00	10.56 0.81 0.00	13.17 0.81 0.00	17.33 1.18 0.00	18.88 1.41 0.00	21.97 1.84 0.00	26.35 2.58 0.00	25.63 2.54 0.00	24.65 2.37 0.00	24.97 2.40 0.00	19.28 1.96 -0.11	20.83 1.72 -2.28	15.96 1.25 0.00
SPIERFLS_115KV_TB 1 80737	16.30 0.70 0.00	17.37 0.76 0.00	14.98 0.63 0.00	14.39 0.63 0.00	15.24 0.72 0.00	15.89 0.82 0.00	23.22 1.30 0.00	22.05 1.32 0.00	19.27 1.05 0.00	17.80 0.85 0.00	17.06 0.79 0.00	15.23 0.72 0.00	10.17 0.42 0.00	12.83 0.47 0.00	16.87 0.71 0.00	18.44 0.96 0.00	21.35 1.23 0.00	25.26 1.50 0.00	24.50 1.41 0.00	23.62 1.33 0.00	23.92 1.35 0.00	18.25 1.04 0.00	17.77 0.94 0.00	15.42 0.71 0.00
ST LAWRENCE____ 23600	15.60 0.00 0.00	16.64 0.03 0.00	14.32 -0.02 0.00	13.72 -0.04 0.00	14.45 -0.06 0.00	14.95 -0.12 0.00	21.68 -0.25 0.00	20.39 -0.35 0.00	17.92 -0.30 0.00	16.54 -0.40 0.00	15.82 -0.45 0.00	14.25 -0.27 0.00	9.58 -0.17 0.00	12.19 -0.16 0.00	15.92 -0.24 0.00	17.15 -0.32 0.00	19.73 -0.39 0.00	23.22 -0.55 0.00	22.62 -0.47 0.00	21.94 -0.34 0.00	22.22 -0.35 0.00	16.91 -0.30 0.00	13.94 -0.16 2.73	14.63 -0.09 0.00
STATE_CA_115KV_115_LB 55624	16.17 0.57 0.00	17.20 0.59 0.00	14.84 0.49 0.00	14.26 0.50 0.00	15.08 0.57 0.00	15.68 0.61 0.00	22.71 0.78 0.00	21.64 0.90 0.00	19.00 0.78 0.00	17.75 0.81 0.00	16.93 0.66 0.00	15.08 0.56 0.00	10.12 0.37 0.00	12.80 0.44 0.00	16.73 0.57 0.00	18.16 0.68 0.00	20.95 0.82 0.00	24.83 1.06 0.00	24.08 0.98 0.00	23.13 0.85 0.00	23.47 0.89 0.00	17.92 0.72 0.00	17.50 0.67 0.00	15.27 0.55 0.00
STATE_ST_34_KV_LOAD 55959	15.94 -0.35 -0.69	16.27 -0.34 0.00	14.02 -0.33 0.00	13.44 -0.32 0.00	14.18 -0.33 0.00	14.76 -0.31 0.00	21.64 -0.28 0.00	20.47 -0.27 0.00	17.95 -0.27 0.00	16.68 -0.27 0.00	16.08 -0.19 0.00	14.29 -0.24 0.00	9.57 -0.18 0.00	12.13 -0.23 0.00	15.95 -0.21 0.00	17.29 -0.18 0.00	19.89 -0.24 0.00	23.62 -0.15 0.00	22.93 -0.16 0.00	21.96 -0.32 0.00	22.23 -0.35 0.00	16.87 -0.34 0.00	16.43 -0.40 0.00	14.42 -0.29 0.00
STATION 5_MISC_HYD 23604	13.29 -1.08 1.23	15.44 -1.18 0.00	13.38 -0.97 0.00	12.86 -0.91 0.00	13.53 -0.99 0.00	14.07 -1.00 0.00	20.67 -1.25 0.00	19.52 -1.22 0.00	17.17 -1.05 0.00	16.16 -0.78 0.00	15.64 -0.63 0.00	13.84 -0.68 0.00	9.31 -0.44 0.00	11.79 -0.56 0.00	15.40 -0.76 0.00	16.58 -0.89 0.00	19.02 -1.10 0.00	22.60 -1.17 0.00	21.89 -1.20 0.00	20.98 -1.31 0.00	21.31 -1.26 0.00	16.07 -1.14 0.00	15.61 -1.22 0.00	13.78 -0.94 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	13.51 -0.77 1.33	15.79 -0.82 0.00	13.66 -0.68 0.00	13.12 -0.64 0.00	13.83 -0.68 0.00	14.40 -0.67 0.00	21.14 -0.78 0.00	20.01 -0.73 0.00	17.55 -0.67 0.00	16.44 -0.51 0.00	15.87 -0.40 0.00	14.04 -0.48 0.00	9.42 -0.33 0.00	11.96 -0.39 0.00	15.65 -0.51 0.00	16.92 -0.56 0.00	19.45 -0.68 0.00	23.10 -0.67 0.00	22.40 -0.69 0.00	21.49 -0.79 0.00	21.78 -0.80 0.00	16.46 -0.75 0.00	15.99 -0.84 0.00	14.07 -0.64 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	13.27 -1.11 1.22	15.40 -1.21 0.00	13.34 -1.00 0.00	12.82 -0.94 0.00	13.49 -1.02 0.00	14.04 -1.03 0.00	20.62 -1.30 0.00	19.48 -1.26 0.00	17.14 -1.08 0.00	16.12 -0.82 0.00	15.59 -0.67 0.00	13.80 -0.71 0.00	9.28 -0.47 0.00	11.76 -0.59 0.00	15.36 -0.80 0.00	16.55 -0.92 0.00	18.99 -1.14 0.00	22.56 -1.21 0.00	21.85 -1.24 0.00	20.94 -1.35 0.00	21.26 -1.31 0.00	16.04 -1.16 0.00	15.59 -1.25 0.00	13.75 -0.97 0.00
STA_56___34_KV_BUS2 355983	13.27 -1.11 1.22	15.40 -1.21 0.00	13.34 -1.00 0.00	12.82 -0.94 0.00	13.49 -1.02 0.00	14.04 -1.03 0.00	20.62 -1.30 0.00	19.48 -1.26 0.00	17.14 -1.08 0.00	16.12 -0.82 0.00	15.59 -0.67 0.00	13.80 -0.71 0.00	9.28 -0.47 0.00	11.76 -0.59 0.00	15.36 -0.80 0.00	16.55 -0.92 0.00	18.99 -1.14 0.00	22.56 -1.21 0.00	21.85 -1.24 0.00	20.94 -1.35 0.00	21.26 -1.31 0.00	16.04 -1.16 0.00	15.59 -1.25 0.00	13.75 -0.97 0.00
STA_67___115KV_BK2 355882	13.27 -1.11 1.23	15.41 -1.20 0.00	13.35 -0.99 0.00	12.83 -0.93 0.00	13.50 -1.02 0.00	14.04 -1.03 0.00	20.62 -1.30 0.00	19.48 -1.26 0.00	17.14 -1.08 0.00	16.13 -0.81 0.00	15.61 -0.66 0.00	13.81 -0.70 0.00	9.29 -0.46 0.00	11.77 -0.59 0.00	15.36 -0.80 0.00	16.54 -0.93 0.00	18.98 -1.15 0.00	22.55 -1.22 0.00	21.84 -1.25 0.00	20.92 -1.36 0.00	21.26 -1.32 0.00	16.03 -1.17 0.00	15.58 -1.25 0.00	13.75 -0.96 0.00
STA_7___115KV_9TRANS 80674	13.35 -1.02 1.23	15.50 -1.11 0.00	13.43 -0.92 0.00	12.91 -0.85 0.00	13.58 -0.93 0.00	14.13 -0.94 0.00	20.76 -1.16 0.00	19.61 -1.13 0.00	17.25 -0.97 0.00	16.23 -0.72 0.00	15.70 -0.56 0.00	13.90 -0.63 0.00	9.35 -0.41 0.00	11.85 -0.51 0.00	15.46 -0.70 0.00	16.66 -0.82 0.00	19.11 -1.02 0.00	22.72 -1.05 0.00	22.00 -1.09 0.00	21.08 -1.20 0.00	21.41 -1.16 0.00	16.15 -1.06 0.00	15.68 -1.15 0.00	13.84 -0.88 0.00
STA_82___115KV_TB1 80780	13.25 -1.11 1.25	15.42 -1.20 0.00	13.36 -0.99 0.00	12.84 -0.92 0.00	13.51 -1.01 0.00	14.05 -1.02 0.00	20.64 -1.29 0.00	19.48 -1.25 0.00	17.14 -1.07 0.00	16.14 -0.81 0.00	15.61 -0.65 0.00	13.82 -0.70 0.00	9.30 -0.46 0.00	11.78 -0.58 0.00	15.37 -0.80 0.00	16.55 -0.92 0.00	18.99 -1.14 0.00	22.57 -1.20 0.00	21.85 -1.24 0.00	20.94 -1.35 0.00	21.27 -1.31 0.00	16.04 -1.16 0.00	15.59 -1.25 0.00	13.76 -0.95 0.00
STEEL___WIND 323596	12.27 -1.49 1.85	15.00 -1.61 0.00	13.03 -1.31 0.00	12.52 -1.24 0.00	13.15 -1.36 0.00	13.65 -1.42 0.00	20.14 -1.78 0.00	18.98 -1.76 0.00	16.77 -1.45 0.00	15.89 -1.06 0.00	15.47 -0.79 0.00	13.69 -0.83 0.00	9.21 -0.54 0.00	11.56 -0.79 0.00	15.03 -1.13 0.00	16.10 -1.37 0.00	18.53 -1.60 0.00	22.10 -1.67 0.00	21.35 -1.74 0.00	20.37 -1.92 0.00	20.73 -1.84 0.00	15.53 -1.67 0.00	15.09 -1.74 0.00	13.44 -1.27 0.00
STEPHTWN_115KV_BK_2 55603	16.24 0.63 0.00	17.30 0.69 0.00	14.89 0.55 0.00	14.31 0.56 0.00	15.17 0.65 0.00	15.78 0.71 0.00	22.93 1.00 0.00	21.79 1.05 0.00	19.11 0.89 0.00	17.81 0.87 0.00	16.98 0.71 0.00	15.09 0.57 0.00	10.12 0.38 0.00	12.84 0.48 0.00	16.78 0.61 0.00	18.21 0.73 0.00	21.07 0.94 0.00	24.98 1.21 0.00	24.22 1.13 0.00	23.33 1.04 0.00	23.62 1.05 0.00	18.02 0.81 0.00	17.61 0.78 0.00	15.33 0.62 0.00
STEUBEN_REC_LFGE 323667	5.72 -1.23 8.65	15.72 -0.89 0.00	13.46 -0.88 0.00	12.97 -0.80 0.00	13.97 -0.55 0.00	14.17 -0.90 0.00	20.75 -1.17 0.00	19.67 -1.07 0.00	17.12 -1.09 0.00	16.08 -0.86 0.00	15.68 -0.59 0.00	13.76 -0.76 0.00	9.02 -0.73 0.00	11.40 -0.96 0.00	15.26 -0.90 0.00	16.62 -0.86 0.00	19.19 -0.94 0.00	22.61 -1.15 0.00	22.00 -1.09 0.00	21.31 -0.98 0.00	21.23 -1.35 0.00	16.09 -1.12 0.00	15.92 -0.92 0.00	14.12 -0.60 0.00
STILLWATER___SOLAR 323814	16.32 0.72 0.00	17.38 0.77 0.00	14.99 0.65 0.00	14.40 0.64 0.00	15.24 0.72 0.00	15.86 0.79 0.00	23.14 1.22 0.00	21.98 1.24 0.00	19.23 1.01 0.00	17.81 0.87 0.00	17.06 0.79 0.00	15.17 0.66 0.00	10.16 0.41 0.00	12.84 0.49 0.00	16.87 0.71 0.00	18.37 0.90 0.00	21.27 1.14 0.00	25.21 1.45 0.00	24.44 1.34 0.00	23.53 1.24 0.00	23.86 1.29 0.00	18.20 0.99 0.00	17.74 0.91 0.00	15.44 0.73 0.00
STONY___BROOK 24151	16.82 1.22 0.00	17.88 1.27 0.00	15.45 1.11 0.00	14.78 1.02 0.00	18.74 1.14 -3.08	16.31 1.24 0.00	23.77 1.85 0.00	22.70 1.96 0.00	20.03 1.81 0.00	18.67 1.72 0.00	17.93 1.66 0.00	15.81 1.30 0.00	10.64 0.88 0.00	13.30 0.94 0.00	17.51 1.35 0.00	19.02 1.55 0.00	22.04 1.91 0.00	26.34 2.57 0.00	25.57 2.48 0.00	24.59 2.30 0.00	24.84 2.26 0.00	19.03 1.71 -0.11	20.71 1.60 -2.28	15.96 1.25 0.00
STURGEON_POOL_HYD 23609	16.35 0.75 0.00	17.34 0.73 0.00	14.99 0.65 0.00	14.38 0.62 0.00	15.20 0.69 0.00	15.85 0.78 0.00	23.16 1.24 0.00	22.17 1.44 0.00	19.60 1.38 0.00	18.29 1.34 0.00	17.50 1.24 0.00	15.46 0.94 0.00	10.40 0.65 0.00	13.06 0.70 0.00	17.17 1.01 0.00	18.62 1.14 0.00	21.46 1.33 0.00	25.53 1.76 0.00	24.74 1.65 0.00	23.77 1.49 0.00	24.03 1.45 0.00	18.31 1.10 0.00	17.78 0.95 0.00	15.48 0.76 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	16.27 0.66 0.00	17.25 0.64 0.00	14.91 0.56 0.00	14.31 0.55 0.00	15.13 0.61 0.00	15.76 0.69 0.00	23.01 1.09 0.00	22.01 1.28 0.00	19.43 1.21 0.00	18.13 1.19 0.00	17.36 1.09 0.00	15.37 0.86 0.00	10.35 0.59 0.00	13.00 0.64 0.00	17.06 0.90 0.00	18.51 1.04 0.00	21.37 1.24 0.00	25.42 1.65 0.00	24.65 1.55 0.00	23.67 1.38 0.00	23.91 1.34 0.00	18.22 1.01 0.00	17.72 0.88 0.00	15.42 0.71 0.00
SWANROAD_115KV_TB1 355699	12.07 -1.89 1.64	14.48 -2.13 0.00	12.61 -1.74 0.00	12.13 -1.63 0.00	12.73 -1.79 0.00	13.22 -1.85 0.00	19.51 -2.41 0.00	18.28 -2.46 0.00	16.18 -2.04 0.00	15.34 -1.60 0.00	14.91 -1.36 0.00	13.19 -1.33 0.00	8.89 -0.86 0.00	11.19 -1.17 0.00	14.52 -1.64 0.00	15.60 -1.87 0.00	17.85 -2.28 0.00	21.27 -2.50 0.00	20.56 -2.54 0.00	19.62 -2.66 0.00	20.02 -2.55 0.00	15.02 -2.19 0.00	14.59 -2.25 0.00	13.01 -1.70 0.00
SYNERGY___BIOGAS 323694	12.91 -1.21 1.48	15.25 -1.36 0.00	13.26 -1.09 0.00	12.75 -1.02 0.00	13.40 -1.11 0.00	13.95 -1.12 0.00	20.62 -1.30 0.00	19.40 -1.34 0.00	17.07 -1.15 0.00	16.06 -0.88 0.00	15.54 -0.73 0.00	13.74 -0.78 0.00	9.25 -0.50 0.00	11.72 -0.64 0.00	15.31 -0.85 0.00	16.47 -1.01 0.00	18.92 -1.21 0.00	22.55 -1.22 0.00	21.82 -1.28 0.00	20.83 -1.45 0.00	21.21 -1.37 0.00	15.89 -1.31 0.00	15.41 -1.42 0.00	13.68 -1.04 0.00
SYRACUSE___ENERGY_ST1 323597	15.17 -0.43 0.00	16.16 -0.45 0.00	13.96 -0.38 0.00	13.40 -0.36 0.00	14.11 -0.40 0.00	14.68 -0.39 0.00	21.44 -0.49 0.00	20.28 -0.46 0.00	17.77 -0.45 0.00	16.59 -0.35 0.00	15.92 -0.35 0.00	14.14 -0.38 0.00	9.48 -0.27 0.00	12.01 -0.34 0.00	15.74 -0.42 0.00	17.11 -0.36 0.00	19.73 -0.40 0.00	23.40 -0.37 0.00	22.70 -0.39 0.00	21.82 -0.46 0.00	22.09 -0.48 0.00	16.81 -0.39 0.00	16.38 -0.45 0.00	14.36 -0.35 0.00

SYRACUSE___ENERGY_ST2 323598	15.17 -0.43 0.00	16.16 -0.45 0.00	13.96 -0.38 0.00	13.40 -0.36 0.00	14.11 -0.40 0.00	14.68 -0.39 0.00	21.44 -0.49 0.00	20.28 -0.46 0.00	17.77 -0.45 0.00	16.59 -0.35 0.00	15.92 -0.35 0.00	14.14 -0.38 0.00	9.48 -0.27 0.00	12.01 -0.34 0.00	15.74 -0.42 0.00	17.11 -0.36 0.00	19.73 -0.40 0.00	23.40 -0.37 0.00	22.70 -0.39 0.00	21.82 -0.46 0.00	22.09 -0.48 0.00	16.81 -0.39 0.00	16.38 -0.45 0.00	14.36 -0.35 0.00
SYRACUSE___POWER 24017	15.71 -0.44 -0.54	16.15 -0.46 0.00	13.96 -0.38 0.00	13.39 -0.37 0.00	14.11 -0.40 0.00	14.68 -0.39 0.00	21.43 -0.49 0.00	20.30 -0.43 0.00	17.80 -0.42 0.00	16.63 -0.31 0.00	16.01 -0.26 0.00	14.21 -0.31 0.00	9.53 -0.22 0.00	12.07 -0.29 0.00	15.82 -0.34 0.00	17.14 -0.33 0.00	19.74 -0.38 0.00	23.41 -0.36 0.00	22.70 -0.39 0.00	21.84 -0.45 0.00	22.11 -0.46 0.00	16.82 -0.39 0.00	16.39 -0.45 0.00	14.36 -0.35 0.00
TALLMAN__138KV_BK151 55660	16.35 0.74 0.00	17.32 0.72 0.00	14.97 0.63 0.00	14.37 0.61 0.00	15.20 0.68 0.00	15.83 0.76 0.00	23.14 1.22 0.00	22.17 1.43 0.00	19.59 1.37 0.00	18.31 1.36 0.00	17.54 1.28 0.00	15.53 1.02 0.00	10.46 0.71 0.00	13.11 0.75 0.00	17.20 1.04 0.00	18.65 1.18 0.00	21.54 1.41 0.00	25.64 1.88 0.00	24.84 1.75 0.00	23.86 1.57 0.00	24.08 1.50 0.00	18.34 1.13 0.00	17.83 0.99 0.00	15.52 0.80 0.00
TEALLAVE_115KV_TB7 355573	15.07 -0.53 0.00	16.04 -0.57 0.00	13.88 -0.47 0.00	13.31 -0.45 0.00	14.02 -0.49 0.00	14.59 -0.48 0.00	21.29 -0.64 0.00	20.16 -0.57 0.00	17.69 -0.52 0.00	16.56 -0.39 0.00	15.95 -0.32 0.00	14.16 -0.36 0.00	9.50 -0.25 0.00	12.03 -0.32 0.00	15.76 -0.41 0.00	17.06 -0.42 0.00	19.62 -0.51 0.00	23.25 -0.52 0.00	22.54 -0.55 0.00	21.69 -0.60 0.00	21.96 -0.62 0.00	16.71 -0.50 0.00	16.27 -0.56 0.00	14.27 -0.45 0.00
TELGRAPH_34_KV_EAST 80808	12.58 -1.48 1.54	14.95 -1.66 0.00	13.00 -1.34 0.00	12.51 -1.25 0.00	13.14 -1.37 0.00	13.67 -1.40 0.00	20.17 -1.75 0.00	18.95 -1.78 0.00	16.73 -1.49 0.00	15.80 -1.14 0.00	15.34 -0.93 0.00	13.56 -0.96 0.00	9.13 -0.62 0.00	11.53 -0.83 0.00	15.01 -1.15 0.00	16.13 -1.35 0.00	18.49 -1.64 0.00	22.03 -1.73 0.00	21.30 -1.79 0.00	20.34 -1.95 0.00	20.72 -1.86 0.00	15.54 -1.67 0.00	15.07 -1.76 0.00	13.41 -1.30 0.00
TEMPLE___115KV_TB 2 55572	15.08 -0.52 0.00	16.05 -0.56 0.00	13.88 -0.46 0.00	13.32 -0.44 0.00	14.02 -0.49 0.00	14.60 -0.48 0.00	21.30 -0.63 0.00	20.18 -0.56 0.00	17.70 -0.52 0.00	16.57 -0.38 0.00	15.96 -0.30 0.00	14.17 -0.34 0.00	9.51 -0.24 0.00	12.04 -0.32 0.00	15.77 -0.39 0.00	17.07 -0.41 0.00	19.64 -0.49 0.00	23.26 -0.51 0.00	22.56 -0.53 0.00	21.70 -0.59 0.00	21.97 -0.61 0.00	16.71 -0.49 0.00	16.29 -0.55 0.00	14.28 -0.43 0.00
TIANA____69_KV_BK 1 55817	16.97 1.37 0.00	18.07 1.46 0.00	15.63 1.29 0.00	14.96 1.20 0.00	87.64 1.34 -71.79	16.49 1.42 0.00	24.01 2.09 0.00	22.89 2.15 0.00	20.13 1.91 0.00	18.71 1.76 0.00	17.93 1.66 0.00	15.78 1.26 0.00	10.62 0.87 0.00	13.25 0.89 0.00	17.43 1.27 0.00	18.96 1.48 0.00	22.03 1.90 0.00	26.39 2.62 0.00	25.65 2.56 0.00	24.68 2.39 0.00	24.93 2.36 0.00	19.13 1.81 -0.11	20.81 1.71 -2.28	16.03 1.32 0.00
TILDEN___115KV_TB1 80814	15.71 -0.44 -0.54	16.15 -0.46 0.00	13.96 -0.38 0.00	13.39 -0.37 0.00	14.11 -0.40 0.00	14.68 -0.39 0.00	21.43 -0.49 0.00	20.30 -0.43 0.00	17.80 -0.42 0.00	16.63 -0.31 0.00	16.01 -0.26 0.00	14.21 -0.31 0.00	9.53 -0.22 0.00	12.07 -0.29 0.00	15.82 -0.34 0.00	17.14 -0.33 0.00	19.74 -0.38 0.00	23.41 -0.36 0.00	22.70 -0.39 0.00	21.84 -0.45 0.00	22.11 -0.46 0.00	16.82 -0.39 0.00	16.39 -0.45 0.00	14.36 -0.35 0.00
TRIGEN___CC 323695	16.63 1.03 0.00	17.65 1.03 0.00	15.24 0.90 0.00	14.60 0.83 0.00	15.45 0.93 0.00	16.10 1.03 0.00	23.50 1.58 0.00	22.49 1.76 0.00	19.86 1.64 0.00	18.54 1.60 0.00	17.81 1.55 0.00	15.75 1.23 0.00	10.60 0.85 0.00	13.27 0.91 0.00	17.45 1.29 0.00	18.91 1.44 0.00	21.87 1.74 0.00	26.05 2.28 0.00	25.25 2.16 0.00	24.27 1.99 0.00	24.53 1.95 0.00	18.80 1.48 -0.11	20.45 1.34 -2.28	15.77 1.06 0.00
TRINITY__115KV__ 4 BK 55933	16.11 0.50 0.00	17.13 0.52 0.00	14.78 0.44 0.00	14.20 0.45 0.00	15.02 0.51 0.00	15.62 0.54 0.00	22.61 0.69 0.00	21.53 0.80 0.00	18.92 0.70 0.00	17.67 0.72 0.00	16.86 0.59 0.00	15.00 0.48 0.00	10.07 0.32 0.00	12.74 0.38 0.00	16.66 0.50 0.00	18.07 0.59 0.00	20.84 0.71 0.00	24.70 0.93 0.00	23.95 0.85 0.00	23.02 0.73 0.00	23.36 0.78 0.00	17.85 0.64 0.00	17.43 0.60 0.00	15.21 0.49 0.00
UNION___PROCESSING_DRP 323587	13.26 -1.10 1.25	15.42 -1.19 0.00	13.36 -0.98 0.00	12.84 -0.92 0.00	13.51 -1.01 0.00	14.05 -1.02 0.00	20.64 -1.28 0.00	19.49 -1.24 0.00	17.15 -1.07 0.00	16.14 -0.80 0.00	15.62 -0.65 0.00	13.83 -0.69 0.00	9.30 -0.45 0.00	11.78 -0.58 0.00	15.37 -0.79 0.00	16.56 -0.92 0.00	19.00 -1.13 0.00	22.57 -1.20 0.00	21.86 -1.23 0.00	20.94 -1.35 0.00	21.28 -1.30 0.00	16.05 -1.16 0.00	15.59 -1.24 0.00	13.76 -0.95 0.00
UPPER HUDSON___HYD 24058	16.30 0.70 0.00	17.37 0.76 0.00	14.98 0.63 0.00	14.39 0.63 0.00	15.24 0.72 0.00	15.89 0.82 0.00	23.22 1.30 0.00	22.06 1.32 0.00	19.27 1.05 0.00	17.80 0.85 0.00	17.06 0.79 0.00	15.23 0.72 0.00	10.17 0.42 0.00	12.82 0.47 0.00	16.87 0.71 0.00	18.44 0.96 0.00	21.35 1.22 0.00	25.26 1.50 0.00	24.50 1.41 0.00	23.62 1.33 0.00	23.93 1.35 0.00	18.25 1.04 0.00	17.77 0.93 0.00	15.42 0.71 0.00
UPPER RAQUET___HYD 24056	15.62 0.02 0.00	16.66 0.05 0.00	14.33 -0.02 0.00	18.61 -0.06 -4.90	19.88 -0.09 -5.46	20.32 -0.28 -5.53	26.75 -0.58 -5.41	21.64 -0.67 -1.57	22.03 -0.64 -4.45	21.00 -0.73 -4.80	17.87 -0.80 -2.40	13.95 -0.58 0.00	9.38 -0.37 0.00	11.91 -0.45 0.00	15.56 -0.60 0.00	16.82 -0.65 0.00	19.32 -0.81 0.00	22.88 -0.88 0.00	27.05 -0.75 -4.71	28.24 -0.63 -6.58	28.52 -0.68 -6.63	22.51 -0.53 -5.84	18.85 -0.24 -2.26	14.64 -0.07 0.00
VALLEY44_115KV_TB2 355964	12.31 -0.80 2.48	15.74 -0.87 0.00	13.67 -0.67 0.00	13.15 -0.61 0.00	13.85 -0.66 0.00	14.34 -0.73 0.00	21.02 -0.90 0.00	19.87 -0.87 0.00	17.52 -0.70 0.00	16.69 -0.26 0.00	16.31 0.05 0.00	14.40 -0.11 0.00	9.67 -0.09 0.00	12.12 -0.24 0.00	15.77 -0.40 0.00	16.93 -0.55 0.00	19.47 -0.65 0.00	23.13 -0.64 0.00	22.26 -0.83 0.00	21.26 -1.02 0.00	21.59 -0.99 0.00	16.26 -0.94 0.00	15.95 -0.89 0.00	14.16 -0.56 0.00
VALLEY___115KV_TB 1-4 80826	15.63 0.03 0.00	16.71 0.09 0.00	14.46 0.12 0.00	13.88 0.12 0.00	14.69 0.18 0.00	15.28 0.21 0.00	22.21 0.28 0.00	21.10 0.36 0.00	18.48 0.26 0.00	17.14 0.19 0.00	16.43 0.17 0.00	14.59 0.07 0.00	9.78 0.04 0.00	12.38 0.02 0.00	16.25 0.08 0.00	17.67 0.20 0.00	20.38 0.25 0.00	24.15 0.39 0.00	23.48 0.39 0.00	22.60 0.32 0.00	22.96 0.38 0.00	17.52 0.32 0.00	17.23 0.26 -0.14	14.90 0.18 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	15.93 0.32 0.00	16.97 0.36 0.00	14.68 0.33 0.00	14.08 0.32 0.00	14.89 0.37 0.00	15.44 0.37 0.00	22.55 0.62 0.00	21.42 0.69 0.00	18.82 0.61 0.00	17.55 0.60 0.00	16.85 0.58 0.00	14.95 0.43 0.00	10.04 0.29 0.00	12.66 0.30 0.00	16.60 0.44 0.00	17.99 0.52 0.00	20.76 0.63 0.00	24.62 0.85 0.00	23.90 0.81 0.00	23.01 0.72 0.00	23.28 0.70 0.00	17.71 0.50 0.00	17.26 0.43 0.00	15.09 0.37 0.00
VISCHER___FERRY HYD 24020	16.22 0.61 0.00	17.26 0.65 0.00	14.88 0.54 0.00	14.31 0.55 0.00	15.13 0.61 0.00	15.74 0.67 0.00	22.89 0.97 0.00	21.77 1.04 0.00	19.11 0.89 0.00	17.76 0.81 0.00	17.00 0.73 0.00	15.08 0.56 0.00	10.12 0.37 0.00	12.81 0.45 0.00	16.80 0.63 0.00	18.23 0.75 0.00	21.06 0.93 0.00	24.94 1.17 0.00	24.17 1.09 0.00	23.26 0.97 0.00	23.63 1.06 0.00	18.05 0.85 0.00	17.61 0.78 0.00	15.34 0.62 0.00
V_A_10_SYNC_DSASP 323832	12.61 -1.60 1.39	14.88 -1.74 0.00	12.92 -1.43 0.00	12.42 -1.34 0.00	13.06 -1.46 0.00	13.56 -1.51 0.00	19.94 -1.98 0.00	18.79 -1.95 0.00	16.59 -1.63 0.00	15.70 -1.25 0.00	15.25 -1.02 0.00	13.48 -1.04 0.00	9.07 -0.68 0.00	11.44 -0.92 0.00	14.89 -1.27 0.00	16.00 -1.48 0.00	18.33 -1.80 0.00	21.79 -1.98 0.00	21.07 -2.02 0.00	20.15 -2.13 0.00	20.54 -2.04 0.00	15.45 -1.76 0.00	15.01 -1.83 0.00	13.33 -1.39 0.00
V_CMM_10_SYNC_DSASP 323787	15.67 0.06 0.00	16.71 0.09 0.00	14.38 0.04 0.00	13.78 0.02 0.00	14.51 0.00 0.00	15.01 -0.06 0.00	21.78 -0.14 0.00	20.49 -0.25 0.00	18.00 -0.21 0.00	16.62 -0.33 0.00	15.89 -0.38 0.00	14.32 -0.20 0.00	9.63 -0.13 0.00	12.25 -0.11 0.00	15.99 -0.17 0.00	17.24 -0.24 0.00	19.83 -0.29 0.00	23.33 -0.44 0.00	22.73 -0.36 0.00	22.04 -0.25 0.00	22.32 -0.26 0.00	16.98 -0.22 0.00	14.01 -0.09 2.73	14.69 -0.02 0.00
V_CMP_10_SYNC_DSASP 323788	15.72 0.12 0.00	16.82 0.21 0.00	14.22 -0.12 0.00	-18.35 -0.35 31.77	-21.22 -0.39 35.35	-21.22 -0.47 35.83	-13.85 -0.73 35.04	9.83 -0.71 10.20	-11.30 -0.66 28.86	-14.89 -0.77 31.06	-0.12 -0.82 15.56	13.93 -0.59 0.00	9.46 -0.29 0.00	11.94 -0.41 0.00	15.59 -0.58 0.00	16.81 -0.66 0.00	19.58 -0.54 0.00	22.85 -0.92 0.00	-8.43 -1.02 30.50	-21.23 -0.86 42.66	-21.25 -0.89 42.94	-21.25 -0.64 37.82	-15.12 -0.53 31.41	14.60 -0.11 0.00
V_D_10_SYNC_DSASP 323841	15.79 0.18 0.00	16.84 0.22 0.00	14.49 0.15 0.00	14.73 0.12 -0.85	15.56 0.11 -0.94	16.06 0.04 -0.96	22.78 -0.07 -0.93	20.82 -0.19 -0.27	18.82 -0.17 -0.77	17.52 -0.25 -0.83	16.33 -0.35 -0.41	14.34 -0.18 0.00	9.65 -0.11 0.00	12.27 -0.09 0.00	16.02 -0.14 0.00	17.28 -0.20 0.00	19.87 -0.26 0.00	23.46 -0.30 0.00	23.69 -0.22 -0.81	23.31 -0.11 -1.14	23.58 -0.14 -1.14	18.04 -0.17 -1.00	14.95 -0.01 1.88	14.81 0.09 0.00
V_E_10_SYNC_DSASP 323830	19.53 0.33 -3.60	17.22 0.61 0.00	14.79 0.44 0.00	14.17 0.41 0.00	15.09 0.58 0.00	15.57 0.50 0.00	22.92 0.99 0.00	21.62 0.89 0.00	18.72 0.50 0.00	17.24 0.29 0.00	16.56 0.29 0.00	14.65 0.13 0.00	9.80 0.06 0.00	12.38 0.03 0.00	16.45 0.29 0.00	17.93 0.45 0.00	20.76 0.63 0.00	24.81 1.05 0.00	24.17 1.08 0.00	23.19 0.91 0.00	23.49 0.91 0.00	17.74 0.53 0.00	17.27 0.44 0.00	15.21 0.49 0.00
V_F_30_NSYNC___DSASP 323816	16.33 0.73 0.00	17.39 0.77 0.00	15.00 0.66 0.00	14.41 0.65 0.00	15.24 0.73 0.00	15.87 0.80 0.00	23.15 1.23 0.00	21.99 1.25 0.00	19.24 1.03 0.00	17.85 0.90 0.00	17.10 0.83 0.00	15.21 0.69 0.00	10.19 0.44 0.00	12.87 0.51 0.00	16.90 0.74 0.00	18.40 0.92 0.00	21.29 1.17 0.00	25.24 1.47 0.00	24.46 1.37 0.00	23.55 1.27 0.00	23.88 1.31 0.00	18.21 1.00 0.00	17.75 0.91 0.00	15.45 0.74 0.00
V_F_30_SYNC_DSASP 323786	16.17 0.57 0.00	17.19 0.58 0.00	14.84 0.49 0.00	14.26 0.50 0.00	15.08 0.56 0.00	15.67 0.60 0.00	22.71 0.78 0.00	21.64 0.90 0.00	19.00 0.78 0.00	17.75 0.80 0.00	16.93 0.66 0.00	15.07 0.55 0.00	10.11 0.36 0.00	12.80 0.44 0.00	16.73 0.57 0.00	18.15 0.68 0.00	20.94 0.81 0.00	24.82 1.05 0.00	24.07 0.98 0.00	23.13 0.84 0.00	23.46 0.89 0.00	17.92 0.71 0.00	17.50 0.67 0.00	15.27 0.55 0.00
V_XM_10_SYNC_DSASP 323789	15.72 0.12 0.00	16.82 0.21 0.00	14.22 -0.12 0.00	-18.35 -0.35 31.77	-21.22 -0.39 35.35	-21.22 -0.47 35.83	-13.85 -0.73 35.04	9.83 -0.71 10.20	-11.30 -0.66 28.86	-14.89 -0.77 31.06	-0.12 -0.82 15.56	13.93 -0.59 0.00	9.46 -0.29 0.00	11.94 -0.41 0.00	15.59 -0.58 0.00	16.81 -0.66 0.00	19.58 -0.54 0.00	22.85 -0.92 0.00	-8.43 -1.02 30.50	-21.23 -0.86 42.66	-21.25 -0.89 42.94	-21.25 -0.64 37.82	-15.12 -0.53 31.41	14.60 -0.11 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	16.39 0.79 0.00	17.38 0.76 0.00	15.02 0.67 0.00	14.41 0.65 0.00	15.24 0.73 0.00	15.89 0.81 0.00	23.22 1.30 0.00	22.24 1.50 0.00	19.65 1.43 0.00	18.36 1.42 0.00	17.59 1.33 0.00	15.58 1.06 0.00	10.48 0.73 0.00	13.14 0.79 0.00	17.26 1.09 0.00	18.72 1.24 0.00	21.61 1.48 0.00	25.73 1.96 0.00	24.93 1.84 0.00	23.93 1.65 0.00	24.16 1.59 0.00	18.40 1.20 0.00	17.88 1.05 0.00	15.57 0.85 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	16.42 0.82 0.00	17.42 0.81 0.00	15.07 0.73 0.00	14.46 0.70 0.00	15.29 0.78 0.00	15.95 0.88 0.00	23.25 1.32 0.00	22.32 1.59 0.00	19.77 1.55 0.00	18.51 1.57 0.00	17.74 1.47 0.00	15.69 1.18 0.00	10.57 0.82 0.00	13.25 0.89 0.00	17.37 1.20 0.00	18.81 1.34 0.00	21.69 1.56 0.00	25.81 2.05 0.00	25.02 1.93 0.00	24.01 1.73 0.00	24.24 1.67 0.00	18.49 1.28 0.00	17.95 1.12 0.00	15.62 0.91 0.00
W50THST__13_KV_LOAD 356117	16.50 0.90 0.00	17.51 0.90 0.00	15.16 0.81 0.00	14.57 0.81 0.00	15.40 0.89 0.00	16.07 1.00 0.00	23.42 1.50 0.00	22.51 1.77 0.00	19.95 1.73 0.00	18.70 1.76 0.00	17.92 1.65 0.00	15.86 1.34 0.00	10.68 0.93 0.00	13.39 1.03 0.00	17.54 1.38 0.00	18.99 1.52 0.00	21.90 1.77 0.00	26.06 2.30 0.00	25.24 2.15 0.00	24.21 1.92 0.00	24.42 1.84 0.00	18.61 1.40 0.00	18.05 1.22 0.00	15.72 1.00 0.00
WADING RIVER_IC_1 23522	16.85 1.25 0.00	17.96 1.35 0.00	15.54 1.19 0.00	14.86 1.10 0.00	82.40 1.23 -66.66	16.36 1.30 0.00	23.83 1.91 0.00	22.73 1.99 0.00	20.01 1.80 0.00	18.63 1.68 0.00	17.87 1.61 0.00	15.72 1.20 0.00	10.59 0.84 0.00	13.20 0.85 0.00	17.36 1.20 0.00	18.87 1.40 0.00	21.93 1.80 0.00	26.26 2.50 0.00	25.51 2.42 0.00	24.55 2.26 0.00	24.80 2.22 0.00	19.02 1.70 -0.11	20.74 1.63 -2.28	15.97 1.26 0.00
WADING RIVER_IC_2 23547	16.85 1.25 0.00	17.96 1.35 0.00	15.54 1.19 0.00	14.86 1.10 0.00	82.40 1.23 -66.66	16.36 1.30 0.00	23.83 1.91 0.00	22.73 1.99 0.00	20.01 1.80 0.00	18.63 1.68 0.00	17.87 1.61 0.00	15.72 1.20 0.00	10.59 0.84 0.00	13.20 0.85 0.00	17.36 1.20 0.00	18.87 1.40 0.00	21.93 1.80 0.00	26.26 2.50 0.00	25.51 2.42 0.00	24.55 2.26 0.00	24.80 2.22 0.00	19.02 1.70 -0.11	20.74 1.63 -2.28	15.97 1.26 0.00

WADING RIVER_IC_3 23601	16.85 1.25 0.00	17.96 1.35 0.00	15.54 1.19 0.00	14.86 1.10 0.00	82.40 1.23 -66.66	16.36 1.30 0.00	23.83 1.91 0.00	22.73 1.99 0.00	20.01 1.80 0.00	18.63 1.68 0.00	17.87 1.61 0.00	15.72 1.20 0.00	10.59 0.84 0.00	13.20 0.85 0.00	17.36 1.20 0.00	18.87 1.40 0.00	21.93 1.80 0.00	26.26 2.50 0.00	25.51 2.42 0.00	24.55 2.26 0.00	24.80 2.22 0.00	19.02 1.70 -0.11	20.74 1.63 -2.28	15.97 1.26 0.00
WALDENNY_I2_KV_BK2 80841	12.30 -1.48 1.83	14.99 -1.62 0.00	13.03 -1.32 0.00	12.53 -1.23 0.00	13.15 -1.36 0.00	13.66 -1.40 0.00	20.15 -1.77 0.00	18.99 -1.75 0.00	16.78 -1.43 0.00	15.91 -1.04 0.00	15.49 -0.78 0.00	13.69 -0.82 0.00	9.21 -0.54 0.00	11.58 -0.77 0.00	15.05 -1.11 0.00	16.13 -1.35 0.00	18.53 -1.60 0.00	22.11 -1.66 0.00	21.35 -1.74 0.00	20.37 -1.92 0.00	20.74 -1.84 0.00	15.55 -1.66 0.00	15.10 -1.74 0.00	13.45 -1.26 0.00
WALDEN___HYDRO 24148	16.41 0.80 0.00	17.40 0.79 0.00	15.05 0.70 0.00	14.43 0.67 0.00	15.26 0.75 0.00	15.90 0.83 0.00	23.26 1.34 0.00	22.24 1.50 0.00	19.59 1.37 0.00	18.23 1.28 0.00	17.42 1.16 0.00	15.41 0.89 0.00	10.37 0.61 0.00	13.02 0.66 0.00	17.11 0.95 0.00	18.63 1.16 0.00	21.54 1.41 0.00	25.66 1.90 0.00	24.89 1.79 0.00	23.91 1.62 0.00	24.15 1.58 0.00	18.39 1.19 0.00	17.87 1.04 0.00	15.55 0.84 0.00
WARRENSBURG____ 23737	16.30 0.70 0.00	17.37 0.76 0.00	14.98 0.63 0.00	14.39 0.63 0.00	15.24 0.72 0.00	15.89 0.82 0.00	23.22 1.30 0.00	22.06 1.32 0.00	19.27 1.05 0.00	17.80 0.85 0.00	17.06 0.79 0.00	15.23 0.72 0.00	10.17 0.42 0.00	12.82 0.47 0.00	16.87 0.71 0.00	18.44 0.96 0.00	21.35 1.22 0.00	25.26 1.50 0.00	24.50 1.41 0.00	23.62 1.33 0.00	23.93 1.35 0.00	18.25 1.04 0.00	17.77 0.93 0.00	15.42 0.71 0.00
WATERSIDE___6 8 9 23538	16.47 0.87 0.00	17.46 0.85 0.00	15.12 0.77 0.00	14.50 0.74 0.00	15.34 0.82 0.00	16.00 0.93 0.00	23.31 1.39 0.00	22.39 1.65 0.00	19.85 1.63 0.00	18.57 1.63 0.00	17.80 1.53 0.00	15.76 1.24 0.00	10.61 0.87 0.00	13.30 0.94 0.00	17.42 1.26 0.00	18.86 1.39 0.00	21.76 1.63 0.00	25.90 2.14 0.00	25.11 2.02 0.00	24.08 1.80 0.00	24.31 1.73 0.00	18.53 1.32 0.00	17.98 1.15 0.00	15.67 0.96 0.00
WATKINRD_115KV_LN8_ILLION 55919	15.72 0.12 0.00	16.76 0.15 0.00	14.49 0.14 0.00	13.90 0.14 0.00	14.71 0.19 0.00	15.30 0.22 0.00	22.26 0.34 0.00	21.14 0.41 0.00	18.52 0.30 0.00	17.19 0.25 0.00	16.48 0.22 0.00	14.64 0.12 0.00	9.81 0.06 0.00	12.42 0.06 0.00	16.28 0.12 0.00	17.69 0.22 0.00	20.42 0.29 0.00	24.21 0.45 0.00	23.52 0.43 0.00	22.65 0.37 0.00	22.97 0.39 0.00	17.52 0.31 0.00	17.23 0.26 -0.14	14.90 0.18 0.00
WATSON___69_KV_BK 1 55734	16.94 1.34 0.00	17.99 1.38 0.00	15.55 1.21 0.00	14.88 1.12 0.00	15.75 1.24 0.00	16.42 1.35 0.00	23.95 2.03 0.00	22.88 2.15 0.00	20.18 1.96 0.00	18.80 1.86 0.00	18.06 1.79 0.00	15.93 1.41 0.00	10.71 0.96 0.00	13.40 1.04 0.00	17.65 1.48 0.00	19.18 1.71 0.00	22.22 2.09 0.00	26.56 2.79 0.00	25.79 2.70 0.00	24.79 2.50 0.00	25.03 2.46 0.00	19.18 1.86 -0.11	20.83 1.73 -2.28	16.07 1.35 0.00
WDELAWARE___HYD 323627	16.20 0.59 0.00	17.18 0.57 0.00	14.85 0.51 0.00	14.25 0.49 0.00	15.08 0.56 0.00	15.72 0.65 0.00	23.01 1.09 0.00	22.00 1.26 0.00	19.36 1.14 0.00	18.01 1.07 0.00	17.17 0.90 0.00	15.09 0.57 0.00	9.94 0.18 0.00	12.37 0.01 0.00	16.29 0.12 0.00	17.72 0.24 0.00	20.49 0.36 0.00	24.48 0.72 0.00	23.75 0.67 0.00	22.90 0.61 0.00	23.84 1.26 0.00	18.16 0.95 0.00	17.63 0.80 0.00	15.34 0.62 0.00
WEST BABYLON___IC 23714	16.88 1.28 0.00	17.93 1.31 0.00	15.49 1.15 0.00	14.82 1.06 0.00	15.69 1.18 0.00	16.35 1.28 0.00	23.86 1.94 0.00	22.82 2.08 0.00	20.12 1.91 0.00	18.75 1.81 0.00	18.02 1.75 0.00	15.90 1.38 0.00	10.69 0.94 0.00	13.38 1.03 0.00	17.62 1.46 0.00	19.14 1.67 0.00	22.17 2.04 0.00	26.47 2.71 0.00	25.70 2.61 0.00	24.69 2.40 0.00	24.94 2.36 0.00	19.12 1.80 -0.11	20.76 1.65 -2.28	16.01 1.30 0.00
WEST CANADA___HYD 24049	15.68 0.08 0.00	16.69 0.07 0.00	14.42 0.08 0.00	13.84 0.08 0.00	14.60 0.09 0.00	15.18 0.10 0.00	22.08 0.16 0.00	20.93 0.19 0.00	18.38 0.16 0.00	17.11 0.16 0.00	16.41 0.15 0.00	14.62 0.10 0.00	9.82 0.07 0.00	12.43 0.07 0.00	16.27 0.11 0.00	17.62 0.15 0.00	20.31 0.18 0.00	24.01 0.24 0.00	23.31 0.22 0.00	22.46 0.17 0.00	22.75 0.18 0.00	17.35 0.15 0.00	17.09 0.12 -0.14	14.80 0.09 0.00
WESTERN_NY_WIND 24143	12.87 -1.23 1.50	15.22 -1.39 0.00	13.23 -1.12 0.00	12.72 -1.04 0.00	13.38 -1.14 0.00	13.93 -1.14 0.00	20.58 -1.35 0.00	19.35 -1.38 0.00	17.04 -1.18 0.00	16.03 -0.91 0.00	15.52 -0.75 0.00	13.72 -0.80 0.00	9.24 -0.52 0.00	11.70 -0.65 0.00	15.28 -0.88 0.00	16.44 -1.04 0.00	18.88 -1.25 0.00	22.50 -1.27 0.00	21.76 -1.33 0.00	20.79 -1.50 0.00	21.15 -1.43 0.00	15.85 -1.35 0.00	15.37 -1.46 0.00	13.65 -1.07 0.00
WESTOVER___LESR 323668	14.78 -0.33 0.50	16.33 -0.29 0.00	14.13 -0.21 0.00	13.53 -0.23 0.00	14.32 -0.19 0.00	14.87 -0.20 0.00	21.72 -0.21 0.00	20.62 -0.12 0.00	18.06 -0.16 0.00	16.89 -0.06 0.00	16.31 0.04 0.00	14.44 -0.08 0.00	9.65 -0.11 0.00	12.21 -0.15 0.00	16.03 -0.13 0.00	17.35 -0.12 0.00	20.02 -0.10 0.00	23.76 -0.01 0.00	23.04 -0.05 0.00	22.16 -0.12 0.00	22.41 -0.17 0.00	17.03 -0.17 0.00	16.60 -0.23 0.00	14.57 -0.14 0.00
WETHRSFD_WT_PWR 323626	11.98 -1.87 1.76	14.57 -2.04 0.00	12.65 -1.70 0.00	12.18 -1.58 0.00	12.79 -1.73 0.00	13.24 -1.83 0.00	19.56 -2.37 0.00	18.44 -2.30 0.00	16.33 -1.89 0.00	15.46 -1.49 0.00	15.11 -1.16 0.00	13.38 -1.14 0.00	8.95 -0.80 0.00	11.17 -1.19 0.00	14.52 -1.64 0.00	15.56 -1.92 0.00	18.05 -2.08 0.00	21.67 -2.09 0.00	20.84 -2.25 0.00	19.79 -2.50 0.00	20.12 -2.45 0.00	15.06 -2.15 0.00	14.66 -2.18 0.00	13.08 -1.63 0.00
WHAVSTOR_138KV_BK127 55557	16.34 0.74 0.00	17.32 0.71 0.00	14.97 0.62 0.00	14.36 0.60 0.00	15.19 0.67 0.00	15.82 0.76 0.00	23.13 1.21 0.00	22.15 1.41 0.00	19.57 1.36 0.00	18.29 1.34 0.00	17.52 1.25 0.00	15.52 1.00 0.00	10.44 0.69 0.00	13.09 0.73 0.00	17.18 1.02 0.00	18.64 1.16 0.00	21.52 1.39 0.00	25.61 1.84 0.00	24.81 1.72 0.00	23.83 1.54 0.00	24.06 1.48 0.00	18.33 1.12 0.00	17.81 0.98 0.00	15.51 0.80 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	16.34 0.74 0.00	17.32 0.71 0.00	14.97 0.62 0.00	14.36 0.60 0.00	15.19 0.67 0.00	15.82 0.76 0.00	23.13 1.21 0.00	22.15 1.41 0.00	19.57 1.36 0.00	18.29 1.34 0.00	17.52 1.25 0.00	15.52 1.00 0.00	10.44 0.69 0.00	13.09 0.73 0.00	17.18 1.02 0.00	18.64 1.16 0.00	21.52 1.39 0.00	25.61 1.84 0.00	24.81 1.72 0.00	23.83 1.54 0.00	24.06 1.48 0.00	18.33 1.12 0.00	17.81 0.98 0.00	15.51 0.80 0.00

WHITEHAL_115KV_TB1 80871	16.53 0.93 0.00	17.69 1.08 0.00	15.22 0.87 0.00	14.61 0.85 0.00	15.52 1.01 0.00	16.22 1.14 0.00	23.69 1.77 0.00	22.48 1.74 0.00	19.55 1.34 0.00	17.95 1.00 0.00	17.15 0.88 0.00	15.29 0.77 0.00	10.26 0.51 0.00	13.05 0.69 0.00	17.21 1.05 0.00	18.96 1.49 0.00	22.01 1.88 0.00	25.73 1.96 0.00	24.83 1.74 0.00	24.10 1.81 0.00	24.44 1.86 0.00	18.74 1.53 0.00	18.25 1.41 0.00	15.73 1.01 0.00
WHITEPLN_13_KV_LOAD 356215	16.54 0.94 0.00	17.54 0.93 0.00	15.14 0.80 0.00	14.53 0.77 0.00	15.36 0.85 0.00	16.03 0.95 0.00	23.43 1.51 0.00	22.47 1.73 0.00	19.86 1.64 0.00	18.57 1.63 0.00	17.80 1.53 0.00	15.75 1.23 0.00	10.60 0.85 0.00	13.29 0.93 0.00	17.43 1.27 0.00	18.90 1.43 0.00	21.83 1.70 0.00	25.99 2.23 0.00	25.20 2.11 0.00	24.18 1.90 0.00	24.41 1.83 0.00	18.59 1.39 0.00	18.05 1.22 0.00	15.71 0.99 0.00
WM_FLOYD_69_KV_BK2 356380	16.89 1.28 0.00	17.97 1.35 0.00	15.54 1.19 0.00	14.86 1.10 0.00	101.47 1.23 -85.72	16.39 1.31 0.00	23.86 1.94 0.00	22.76 2.03 0.00	20.06 1.84 0.00	18.66 1.71 0.00	17.90 1.63 0.00	15.76 1.24 0.00	10.61 0.86 0.00	13.24 0.89 0.00	17.43 1.27 0.00	18.95 1.48 0.00	22.00 1.87 0.00	26.34 2.57 0.00	25.59 2.50 0.00	24.62 2.33 0.00	24.87 2.29 0.00	19.06 1.74 -0.11	20.77 1.66 -2.28	16.00 1.29 0.00
WOODARD__115KV_TB2 355635	15.05 -0.56 0.00	16.02 -0.59 0.00	13.85 -0.49 0.00	13.29 -0.47 0.00	14.00 -0.52 0.00	14.56 -0.51 0.00	21.24 -0.68 0.00	20.12 -0.62 0.00	17.65 -0.57 0.00	16.52 -0.43 0.00	15.91 -0.36 0.00	14.13 -0.39 0.00	9.48 -0.27 0.00	12.01 -0.35 0.00	15.72 -0.44 0.00	17.01 -0.46 0.00	19.57 -0.55 0.00	23.18 -0.58 0.00	22.49 -0.60 0.00	21.63 -0.66 0.00	21.91 -0.66 0.00	16.68 -0.53 0.00	16.25 -0.58 0.00	14.25 -0.47 0.00
YORK__WARBASSE 23770	16.54 0.94 0.00	17.51 0.90 0.00	15.17 0.82 0.00	14.55 0.78 0.00	15.39 0.87 0.00	16.05 0.98 0.00	23.42 1.50 0.00	22.49 1.76 0.00	19.94 1.72 0.00	18.65 1.70 0.00	17.88 1.61 0.00	15.82 1.30 0.00	10.65 0.89 0.00	13.33 0.97 0.00	17.47 1.31 0.00	18.94 1.47 0.00	21.86 1.73 0.00	26.02 2.26 0.00	44.87 2.14 -19.64	138.79 1.92 -114.58	24.42 1.84 0.00	18.63 1.42 0.00	18.07 1.24 0.00	15.74 1.02 0.00