

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/13/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	18.36	17.22	16.40	15.88	12.94	15.77	12.44	15.94	17.55	13.74	16.39	15.40	16.92	23.19	18.27	16.72	17.08	17.15	18.82	21.74	23.55	17.22	15.83	19.65
24138	1.25	1.18	1.14	1.12	0.95	1.19	0.88	1.25	1.37	1.08	1.26	1.02	1.37	1.42	1.35	0.76	1.15	1.34	1.47	1.61	1.74	1.44	1.32	1.23
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.45	0.00	0.00	0.00	-1.06	-3.62	-0.31	-6.31	-2.43	-7.90	-2.80	-0.33	0.00	-0.01	0.00	-0.02	0.00	0.00
74TH STREET_GT_1	18.31	17.17	16.37	15.85	12.92	15.75	12.42	15.91	17.52	13.72	16.40	15.46	16.90	23.29	18.31	16.83	17.12	17.13	18.78	21.70	23.52	17.19	15.81	19.63
24260	1.19	1.14	1.11	1.09	0.92	1.16	0.86	1.22	1.34	1.06	1.24	1.00	1.35	1.39	1.33	0.75	1.13	1.31	1.44	1.58	1.71	1.42	1.30	1.22
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.45	0.00	0.00	0.00	-1.08	-3.70	-0.31	-6.45	-2.48	-8.03	-2.87	-0.34	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	18.31	17.17	16.37	15.85	12.92	15.75	12.42	15.91	17.52	13.72	16.40	15.46	16.90	23.29	18.31	16.83	17.12	17.13	18.78	21.70	23.52	17.19	15.81	19.63
24261	1.19	1.14	1.11	1.09	0.92	1.16	0.86	1.22	1.34	1.06	1.24	1.00	1.35	1.39	1.33	0.75	1.13	1.31	1.44	1.58	1.71	1.42	1.30	1.22
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.45	0.00	0.00	0.00	-1.08	-3.70	-0.31	-6.45	-2.48	-8.03	-2.87	-0.34	0.00	0.00	0.00	-0.02	0.00	0.00
ADK HUDSON___FALLS	17.71	16.63	15.90	15.41	12.59	15.27	12.48	15.47	16.98	13.28	14.71	11.29	15.89	16.22	15.18	11.06	13.85	16.36	18.34	21.24	22.90	16.66	15.32	19.06
24011	0.60	0.59	0.64	0.66	0.59	0.68	0.55	0.78	0.80	0.62	0.64	0.52	0.65	0.76	0.69	0.41	0.72	0.88	1.00	1.12	1.09	0.90	0.81	0.65
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	17.77	16.69	15.99	15.51	12.66	15.32	12.54	15.56	17.06	13.33	14.73	11.32	15.96	16.29	15.22	11.10	13.93	16.47	18.48	21.38	22.99	16.74	15.39	19.09
23798	0.65	0.66	0.72	0.75	0.66	0.73	0.62	0.87	0.88	0.67	0.65	0.56	0.72	0.83	0.73	0.44	0.81	0.99	1.13	1.26	1.17	0.98	0.88	0.68
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	17.71	16.63	15.90	15.41	12.59	15.27	12.48	15.47	16.98	13.28	14.71	11.29	15.89	16.22	15.18	11.06	13.85	16.36	18.34	21.24	22.90	16.66	15.32	19.06
24028	0.60	0.59	0.64	0.66	0.59	0.68	0.55	0.78	0.80	0.62	0.64	0.52	0.65	0.76	0.69	0.41	0.72	0.88	1.00	1.12	1.09	0.90	0.81	0.65
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	17.77	16.69	15.96	15.47	12.72	15.43	12.48	15.53	17.02	13.28	14.64	11.23	15.81	16.13	15.09	10.99	13.78	16.26	18.20	21.04	22.83	16.65	15.34	19.04
23527	0.65	0.66	0.69	0.71	0.72	0.85	0.60	0.84	0.84	0.62	0.56	0.47	0.57	0.68	0.60	0.40	0.66	0.78	0.86	0.92	1.02	0.89	0.82	0.63
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	17.27	16.28	15.59	15.09	12.32	14.97	12.17	15.03	16.50	12.91	14.33	11.03	15.56	15.81	14.88	10.84	13.43	15.79	17.69	20.48	22.19	16.12	14.83	18.59
24190	0.15	0.25	0.33	0.33	0.32	0.39	0.28	0.34	0.32	0.25	0.26	0.27	0.32	0.35	0.38	0.23	0.31	0.31	0.34	0.36	0.38	0.36	0.32	0.17
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	17.13	16.02	15.21	14.67	11.86	14.38	9.95	14.44	15.91	12.47	13.87	10.58	15.05	15.28	14.32	7.96	-5.18	4.84	11.96	20.11	21.77	-2.99	-3.51	18.29
355683	0.02	-0.02	-0.05	-0.09	-0.13	-0.20	-0.15	-0.25	-0.27	-0.19	-0.20	-0.18	-0.19	-0.17	-0.17	-0.10	-0.07	-0.07	-0.06	-0.01	-0.04	-0.25	-0.22	-0.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.24	10.58	5.32	0.00	0.00	18.50	17.81	0.00
ALBANY_1_SOLAR	17.64	16.60	15.84	15.38	12.54	15.25	12.33	15.30	16.75	13.12	14.54	11.16	15.74	16.01	15.07	10.91	13.65	16.09	18.05	20.92	22.68	16.47	15.15	19.02
323833	0.53	0.56	0.58	0.62	0.54	0.67	0.47	0.61	0.57	0.46	0.47	0.40	0.50	0.55	0.58	0.35	0.53	0.61	0.70	0.80	0.86	0.71	0.64	0.61
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	17.63	16.59	15.84	15.37	12.54	15.25	12.33	15.29	16.75	13.11	14.54	11.16	15.74	16.01	15.07	10.91	13.65	16.09	18.04	20.91	22.67	16.46	15.14	19.02
323834	0.52	0.55	0.58	0.61	0.54	0.67	0.47	0.60	0.56	0.45	0.47	0.40	0.50	0.55	0.58	0.35	0.53	0.61	0.70	0.79	0.86	0.70	0.63	0.60
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	17.27	16.28	15.59	15.09	12.32	14.97	12.17	15.03	16.50	12.91	14.33	11.03	15.56	15.81	14.88	10.84	13.43	15.79	17.69	20.48	22.19	16.12	14.83	18.59
23571	0.15	0.25	0.33	0.33	0.32	0.39	0.28	0.34	0.32	0.25	0.26	0.27	0.32	0.35	0.38	0.23	0.31	0.31	0.34	0.36	0.38	0.36	0.32	0.17
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	17.27 0.15 0.00	16.28 0.25 0.00	15.59 0.33 0.00	15.09 0.33 0.00	12.32 0.32 -0.01	14.97 0.39 0.00	12.17 0.28 -1.78	15.03 0.34 0.00	16.50 0.32 0.00	12.91 0.25 0.00	14.33 0.26 0.00	11.03 0.27 0.00	15.56 0.32 0.00	15.81 0.35 0.00	14.88 0.38 0.00	10.84 0.23 -2.56	13.43 0.31 0.00	15.79 0.31 0.00	17.69 0.34 0.00	20.48 0.36 0.00	22.19 0.38 0.00	16.12 0.36 0.00	14.83 0.32 0.00	18.59 0.17 0.00
ALBANY___3 23573	17.27 0.15 0.00	16.28 0.25 0.00	15.59 0.33 0.00	15.09 0.33 0.00	12.32 0.32 -0.01	14.97 0.39 0.00	12.17 0.28 -1.78	15.03 0.34 0.00	16.50 0.32 0.00	12.91 0.25 0.00	14.33 0.26 0.00	11.03 0.27 0.00	15.56 0.32 0.00	15.81 0.35 0.00	14.88 0.38 0.00	10.84 0.23 -2.56	13.43 0.31 0.00	15.79 0.31 0.00	17.69 0.34 0.00	20.48 0.36 0.00	22.19 0.38 0.00	16.12 0.36 0.00	14.83 0.32 0.00	18.59 0.17 0.00
ALBANY___4 23574	17.27 0.15 0.00	16.28 0.25 0.00	15.59 0.33 0.00	15.09 0.33 0.00	12.32 0.32 -0.01	14.97 0.39 0.00	12.17 0.28 -1.78	15.03 0.34 0.00	16.50 0.32 0.00	12.91 0.25 0.00	14.33 0.26 0.00	11.03 0.27 0.00	15.56 0.32 0.00	15.81 0.35 0.00	14.88 0.38 0.00	10.84 0.23 -2.56	13.43 0.31 0.00	15.79 0.31 0.00	17.69 0.34 0.00	20.48 0.36 0.00	22.19 0.38 0.00	16.12 0.36 0.00	14.83 0.32 0.00	18.59 0.17 0.00
ALBANY___LFGE 323615	17.45 0.33 0.00	16.43 0.39 0.00	15.69 0.43 0.00	15.22 0.46 0.00	12.42 0.42 -0.01	15.10 0.51 0.00	12.27 0.37 -1.79	15.18 0.49 0.00	16.67 0.49 0.00	13.04 0.38 0.00	14.48 0.41 0.00	11.14 0.37 0.00	15.71 0.47 0.00	15.97 0.52 0.00	15.03 0.53 0.00	10.94 0.31 -2.57	13.57 0.45 0.00	15.97 0.49 0.00	17.89 0.55 0.00	20.71 0.59 0.00	22.44 0.63 0.00	16.31 0.55 0.00	15.00 0.49 0.00	18.80 0.38 0.00
ALCOA_PA_115KV_PL-6C 55860	17.19 0.08 0.00	16.08 0.04 0.00	15.27 0.01 0.00	14.72 -0.04 0.00	11.89 -0.10 0.00	14.41 -0.17 0.00	9.97 -0.14 0.00	14.45 -0.24 0.00	16.70 -0.26 -0.79	13.06 -0.17 -0.58	13.89 -0.18 0.00	10.60 -0.16 0.00	15.79 -0.15 -0.70	16.17 -0.14 -0.85	15.19 -0.14 -0.84	8.65 -0.09 -0.69	-4.22 -0.06 17.27	5.80 -0.05 9.63	12.93 -0.04 4.37	21.10 0.02 -0.96	22.80 -0.01 -1.00	-2.07 -0.22 17.60	-2.83 -0.19 17.16	19.19 -0.06 -0.84
ALCOA_RYNLDS___DRP 24188	17.19 0.08 0.00	16.08 0.04 0.00	15.27 0.01 0.00	14.72 -0.04 0.00	11.89 -0.10 0.00	14.41 -0.17 0.00	9.97 -0.14 0.00	14.45 -0.24 0.00	16.70 -0.26 -0.79	13.06 -0.17 -0.58	13.89 -0.18 0.00	10.60 -0.16 0.00	15.79 -0.15 -0.70	16.17 -0.14 -0.85	15.19 -0.14 -0.84	8.65 -0.09 -0.69	-4.22 -0.06 17.27	5.80 -0.05 9.63	12.93 -0.04 4.37	21.10 0.02 -0.96	22.80 -0.01 -1.00	-2.07 -0.22 17.60	-2.83 -0.19 17.16	19.19 -0.06 -0.84
ALCOA___DSASP 323711	17.19 0.08 0.00	16.08 0.04 0.00	15.27 0.00 0.00	14.72 -0.04 0.00	11.89 -0.10 0.00	14.41 -0.17 0.00	9.97 -0.14 0.00	14.45 -0.24 0.00	16.70 -0.26 -0.79	13.06 -0.17 -0.58	13.89 -0.18 0.00	10.60 -0.16 0.00	15.79 -0.15 -0.70	16.16 -0.14 -0.85	15.19 -0.14 -0.84	8.65 -0.09 -0.69	-4.22 -0.06 17.27	5.80 -0.05 9.63	12.93 -0.04 4.37	21.10 0.01 -0.96	22.80 -0.01 -1.00	-2.07 -0.22 17.60	-2.83 -0.19 17.16	19.18 -0.07 -0.84
ALLEGHENY___COGEN 23514	16.58 -0.54 0.00	15.65 -0.39 0.00	14.87 -0.39 0.00	14.36 -0.39 0.00	11.73 -0.26 0.00	14.37 -0.22 0.00	10.13 -0.11 -0.14	14.48 -0.21 0.00	16.00 -0.18 0.00	12.39 -0.27 0.00	13.71 -0.36 0.00	10.44 -0.33 0.00	14.66 -0.58 0.00	14.78 -0.68 0.00	13.79 -0.70 0.00	7.74 -0.51 -0.20	13.13 -1.03 -1.04	14.34 -1.15 0.00	16.16 -1.18 0.00	19.24 -0.88 0.00	21.28 -0.54 0.00	15.70 -0.06 0.00	14.43 -0.08 0.00	18.46 0.05 0.00
ALTAMONT_115KV_TB 2 55880	17.49 0.38 0.00	16.43 0.40 0.00	15.69 0.43 0.00	15.20 0.45 0.00	12.41 0.41 -0.01	15.09 0.50 0.00	12.25 0.36 -1.79	15.17 0.48 0.00	16.68 0.50 0.00	13.05 0.39 0.00	14.51 0.44 0.00	11.14 0.37 0.00	15.71 0.47 0.00	15.97 0.52 0.00	15.01 0.52 0.00	10.92 0.30 -2.56	13.55 0.43 0.00	15.96 0.48 0.00	17.88 0.54 0.00	20.71 0.59 0.00	22.44 0.63 0.00	16.30 0.55 0.00	15.01 0.50 0.00	18.84 0.43 0.00
ALTONA_WT_PWR 323606	17.47 0.35 0.00	16.46 0.43 0.00	15.72 0.46 0.00	15.26 0.50 0.00	12.20 0.21 0.00	14.39 -0.19 0.00	9.68 -0.42 0.00	13.69 -1.00 0.00	-17.90 -1.09 32.99	-12.48 -0.86 24.29	13.28 -0.80 0.00	10.24 -0.52 0.00	-15.03 -0.87 29.39	-20.92 -0.80 35.58	-21.17 -0.73 34.93	-21.21 -0.43 28.83	-20.97 -0.59 33.50	-20.94 -0.70 35.72	-20.90 -0.74 37.50	-20.89 -0.79 40.22	-20.87 -0.90 41.78	-16.11 -1.05 30.83	-6.82 -0.82 20.51	-17.61 -0.98 35.05
AMERICAN_REF_FUEL 24010	15.49 -1.62 0.00	14.69 -1.35 0.00	13.90 -1.37 0.00	13.41 -1.35 0.00	10.95 -1.04 0.00	13.38 -1.21 0.00	9.41 -0.82 -0.12	13.35 -1.34 0.00	14.74 -1.44 0.00	11.40 -1.27 0.00	12.58 -1.49 0.00	9.51 -1.26 0.00	13.36 -1.88 0.00	13.42 -2.04 0.00	12.56 -1.94 0.00	7.14 -1.10 -0.18	10.95 -1.93 0.24	13.29 -2.19 0.00	15.00 -2.34 0.00	17.62 -2.50 0.00	19.34 -2.47 0.00	14.40 -1.36 0.00	13.28 -1.24 0.00	17.17 -1.24 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	15.64 -1.47 0.00	14.80 -1.24 0.00	14.11 -1.15 0.00	13.70 -1.06 0.00	11.19 -0.79 0.00	13.70 -0.89 0.00	9.63 -0.62 -0.14	13.67 -1.02 0.00	15.05 -1.14 0.00	11.67 -0.99 0.00	12.90 -1.17 0.00	9.78 -0.99 0.00	13.83 -1.41 0.00	13.93 -1.52 0.00	12.98 -1.51 0.00	7.34 -0.91 -0.20	11.23 -1.66 0.24	13.58 -1.90 0.00	15.31 -2.03 0.00	17.97 -2.15 0.00	19.77 -2.04 0.00	14.84 -0.92 0.00	13.71 -0.80 0.00	17.63 -0.78 0.00
ARTHUR KILL_GT_1 23520	18.23 1.11 0.00	17.07 1.04 0.00	16.28 1.02 0.00	15.78 1.02 0.00	12.86 0.86 -0.01	15.68 1.10 0.00	12.37 0.81 -1.45	15.81 1.12 0.00	17.36 1.18 0.00	13.59 0.93 0.00	16.26 1.10 -1.08	15.34 0.88 -3.70	16.76 1.21 -0.32	23.15 1.25 -6.45	18.15 1.17 -2.48	16.72 0.64 -8.03	16.95 0.96 -2.87	16.94 1.12 -0.34	18.59 1.25 0.00	21.46 1.33 -0.01	23.28 1.46 0.00	17.02 1.24 -0.02	15.66 1.14 0.00	19.45 1.04 0.00
ARTHUR_KILL_2 23512	18.19 1.07 0.00	17.04 1.00 0.00	16.25 0.99 0.00	15.74 0.98 0.00	12.83 0.84 -0.01	15.65 1.06 0.00	12.35 0.79 -1.45	15.77 1.08 0.00	17.32 1.14 0.00	13.56 0.90 0.00	16.22 1.06 -1.08	15.32 0.85 -3.70	16.72 1.17 -0.32	23.11 1.21 -6.45	18.11 1.14 -2.48	16.70 0.62 -8.03	16.91 0.92 -2.87	16.90 1.08 -0.34	18.55 1.20 0.00	21.41 1.28 -0.01	23.22 1.41 0.00	16.97 1.19 -0.02	15.62 1.11 0.00	19.40 0.99 0.00
ARTHUR_KILL_3 23513	18.18 1.06 0.00	17.05 1.02 0.00	16.26 1.00 0.00	15.75 0.99 0.00	12.83 0.84 -0.01	15.64 1.06 0.00	12.35 0.79 -1.45	15.79 1.10 0.00	17.39 1.21 0.00	13.61 0.95 0.00	16.28 1.13 -1.07	15.34 0.91 -3.67	16.79 1.23 -0.32	23.12 1.28 -6.39	18.17 1.22 -2.46	16.70 0.68 -7.97	16.97 1.01 -2.84	16.99 1.18 -0.34	18.64 1.30 0.00	21.53 1.40 -0.01	23.33 1.52 0.00	17.06 1.28 -0.02	15.69 1.18 0.00	19.48 1.07 0.00

ARTHUR_KILL_COGEN 323718	18.23	17.07	16.28	15.78	12.86	15.68	12.37	15.81	17.36	13.59	16.26	15.34	16.76	23.15	18.15	16.72	16.95	16.94	18.59	21.46	23.28	17.02	15.66	19.45
	1.11	1.04	1.02	1.02	0.86	1.10	0.81	1.12	1.18	0.93	1.10	0.88	1.21	1.25	1.17	0.64	0.96	1.12	1.25	1.33	1.46	1.24	1.14	1.04
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.45	0.00	0.00	0.00	-1.08	-3.70	-0.32	-6.45	-2.48	-8.03	-2.87	-0.34	0.00	-0.01	0.00	-0.02	0.00	0.00
ASHOKAN____ 23654	18.03	16.93	16.14	15.67	12.78	15.56	12.40	15.69	17.25	13.49	15.01	11.52	16.27	16.55	15.58	10.95	14.07	16.61	18.65	21.60	23.41	17.01	15.62	19.52
	0.92	0.90	0.88	0.91	0.79	0.98	0.69	1.01	1.07	0.83	0.94	0.75	1.03	1.10	1.09	0.61	0.95	1.13	1.31	1.48	1.59	1.25	1.11	1.10
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASTORIA_EAST_ENERGY_CC1 323581	18.30	17.15	16.34	15.83	12.91	15.73	12.41	15.89	17.51	13.69	16.35	15.42	16.85	23.19	18.22	16.79	17.06	17.07	18.75	21.66	23.50	17.15	15.79	19.60
	1.18	1.11	1.08	1.08	0.91	1.14	0.85	1.20	1.32	1.03	1.19	0.95	1.28	1.28	1.23	0.70	1.07	1.26	1.41	1.53	1.68	1.38	1.27	1.19
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.45	0.00	-0.01	0.00	-1.09	-3.71	-0.33	-6.46	-2.49	-8.03	-2.87	-0.34	0.00	-0.01	0.00	-0.02	0.00	0.00
ASTORIA_EAST_ENERGY_CC2 323582	18.30	17.15	16.34	15.83	12.91	15.73	12.41	15.89	17.51	13.69	16.35	15.42	16.85	23.19	18.22	16.79	17.06	17.07	18.75	21.66	23.50	17.15	15.79	19.60
	1.18	1.11	1.08	1.08	0.91	1.14	0.85	1.20	1.32	1.03	1.19	0.95	1.28	1.28	1.23	0.70	1.07	1.26	1.41	1.53	1.68	1.38	1.27	1.19
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.45	0.00	-0.01	0.00	-1.09	-3.71	-0.33	-6.46	-2.49	-8.03	-2.87	-0.34	0.00	-0.01	0.00	-0.02	0.00	0.00
ASTORIA_GT2_1 24094	18.30	17.15	16.35	15.83	12.91	15.73	12.41	15.89	17.51	13.69	16.35	15.42	16.84	23.19	18.20	16.78	17.06	17.07	18.75	21.65	23.49	17.15	15.78	19.60
	1.18	1.11	1.08	1.07	0.91	1.14	0.85	1.20	1.32	1.03	1.19	0.95	1.28	1.28	1.23	0.70	1.07	1.25	1.41	1.53	1.68	1.37	1.27	1.19
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.45	0.00	-0.01	0.00	-1.09	-3.71	-0.32	-6.45	-2.48	-8.03	-2.87	-0.34	0.00	0.00	0.00	-0.02	0.00	0.00
ASTORIA_GT2_2 24095	18.30	17.15	16.35	15.83	12.91	15.73	12.41	15.89	17.51	13.69	16.35	15.42	16.84	23.19	18.20	16.78	17.06	17.07	18.75	21.65	23.49	17.15	15.78	19.60
	1.18	1.11	1.08	1.07	0.91	1.14	0.85	1.20	1.32	1.03	1.19	0.95	1.28	1.28	1.23	0.70	1.07	1.25	1.41	1.53	1.68	1.37	1.27	1.19
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.45	0.00	-0.01	0.00	-1.09	-3.71	-0.32	-6.45	-2.48	-8.03	-2.87	-0.34	0.00	0.00	0.00	-0.02	0.00	0.00
ASTORIA_GT2_3 24096	18.30	17.15	16.35	15.83	12.91	15.73	12.41	15.89	17.51	13.69	16.35	15.42	16.84	23.19	18.20	16.78	17.06	17.07	18.75	21.65	23.49	17.15	15.78	19.60
	1.18	1.11	1.08	1.07	0.91	1.14	0.85	1.20	1.32	1.03	1.19	0.95	1.28	1.28	1.23	0.70	1.07	1.25	1.41	1.53	1.68	1.37	1.27	1.19
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.45	0.00	-0.01	0.00	-1.09	-3.71	-0.32	-6.45	-2.48	-8.03	-2.87	-0.34	0.00	0.00	0.00	-0.02	0.00	0.00
ASTORIA_GT2_4 24097	18.30	17.15	16.35	15.83	12.91	15.73	12.41	15.89	17.51	13.69	16.35	15.42	16.84	23.19	18.20	16.78	17.06	17.07	18.75	21.65	23.49	17.15	15.78	19.60
	1.18	1.11	1.08	1.07	0.91	1.14	0.85	1.20	1.32	1.03	1.19	0.95	1.28	1.28	1.23	0.70	1.07	1.25	1.41	1.53	1.68	1.37	1.27	1.19
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.45	0.00	-0.01	0.00	-1.09	-3.71	-0.32	-6.45	-2.48	-8.03	-2.87	-0.34	0.00	0.00	0.00	-0.02	0.00	0.00
ASTORIA_GT3_1 24098	18.30	17.15	16.35	15.83	12.91	15.73	12.41	15.89	17.51	13.69	16.35	15.42	16.84	23.19	18.20	16.78	17.06	17.07	18.75	21.65	23.49	17.15	15.78	19.60
	1.18	1.11	1.08	1.07	0.91	1.14	0.85	1.20	1.32	1.03	1.19	0.95	1.28	1.28	1.23	0.70	1.07	1.25	1.41	1.53	1.68	1.37	1.27	1.19
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.45	0.00	-0.01	0.00	-1.09	-3.71	-0.32	-6.45	-2.48	-8.03	-2.87	-0.34	0.00	0.00	0.00	-0.02	0.00	0.00
ASTORIA_GT3_2 24099	18.30	17.15	16.35	15.83	12.91	15.73	12.41	15.89	17.51	13.69	16.35	15.42	16.84	23.19	18.20	16.78	17.06	17.07	18.75	21.65	23.49	17.15	15.78	19.60
	1.18	1.11	1.08	1.07	0.91	1.14	0.85	1.20	1.32	1.03	1.19	0.95	1.28	1.28	1.23	0.70	1.07	1.25	1.41	1.53	1.68	1.37	1.27	1.19
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.45	0.00	-0.01	0.00	-1.09	-3.71	-0.32	-6.45	-2.48	-8.03	-2.87	-0.34	0.00	0.00	0.00	-0.02	0.00	0.00
ASTORIA_GT3_3 24100	18.30	17.15	16.35	15.83	12.91	15.73	12.41	15.89	17.51	13.69	16.35	15.42	16.84	23.19	18.20	16.78	17.06	17.07	18.75	21.65	23.49	17.15	15.78	19.60
	1.18	1.11	1.08	1.07	0.91	1.14	0.85	1.20	1.32	1.03	1.19	0.95	1.28	1.28	1.23	0.70	1.07	1.25	1.41	1.53	1.68	1.37	1.27	1.19
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.45	0.00	-0.01	0.00	-1.09	-3.71	-0.32	-6.45	-2.48	-8.03	-2.87	-0.34	0.00	0.00	0.00	-0.02	0.00	0.00
ASTORIA_GT3_4 24101	18.30	17.15	16.35	15.83	12.91	15.73	12.41	15.89	17.51	13.69	16.35	15.42	16.84	23.19	18.20	16.78	17.06	17.07	18.75	21.65	23.49	17.15	15.78	19.60
	1.18	1.11	1.08	1.07	0.91	1.14	0.85	1.20	1.32	1.03	1.19	0.95	1.28	1.28	1.23	0.70	1.07	1.25	1.41	1.53	1.68	1.37	1.27	1.19
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.45	0.00	-0.01	0.00	-1.09	-3.71	-0.32	-6.45	-2.48	-8.03	-2.87	-0.34	0.00	0.00	0.00	-0.02	0.00	0.00
ASTORIA_GT4_1 24102	18.30	17.15	16.35	15.83	12.91	15.73	12.41	15.89	17.51	13.69	16.35	15.42	16.84	23.19	18.20	16.78	17.06	17.07	18.75	21.65	23.49	17.15	15.78	19.60
	1.18	1.11	1.08	1.07	0.91	1.14	0.85	1.20	1.32	1.03	1.19	0.95	1.28	1.28	1.23	0.70	1.07	1.25	1.41	1.53	1.68	1.37	1.27	1.19
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.45	0.00	-0.01	0.00	-1.09	-3.71	-0.32	-6.45	-2.48	-8.03	-2.87	-0.34	0.00	0.00	0.00	-0.02	0.00	0.00
ASTORIA_GT4_2 24103	18.30	17.15	16.35	15.83	12.91	15.73	12.41	15.89	17.51	13.69	16.35	15.42	16.84	23.19	18.20	16.78	17.06	17.07	18.75	21.65	23.49	17.15	15.78	19.60
	1.18	1.11	1.08	1.07	0.91	1.14	0.85	1.20	1.32	1.03	1.19	0.95	1.28	1.28	1.23	0.70	1.07	1.25	1.41	1.53	1.68	1.37	1.27	1.19
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.45	0.00	-0.01	0.00	-1.09	-3.71	-0.32	-6.45	-2.48	-8.03	-2.87	-0.34	0.00	0.00	0.00	-0.02	0.00	0.00
ASTORIA_GT4_3 24104	18.30	17.15	16.35	15.83	12.91	15.73	12.41	15.89	17.51	13.69	16.35	15.42	16.84	23.19	18.20	16.78	17.06	17.07	18.75	21.65	23.49	17.15	15.78	19.60
	1.18	1.11	1.08	1.07	0.91	1.14	0.85	1.20	1.32	1.03	1.19	0.95	1.28	1.28	1.23	0.70	1.07	1.25	1.41	1.53	1.68	1.37	1.27	1.19
	0.00	0.00	0.00	0.00	-0.01	0.00	-1.45	0.00	-0.01	0.00	-1.09	-3.71	-0.32	-6.45	-2.48	-8.03	-2.87	-0.34	0.00	0.00	0.00	-0.02	0.00	0.00

ASTORIA_GT4_4 24105	18.30 1.18 0.00	17.15 1.11 0.00	16.35 1.08 0.00	15.83 1.07 0.00	12.91 0.91 -0.01	15.73 1.14 0.00	12.41 0.85 -1.45	15.89 1.20 0.00	17.51 1.32 -0.01	13.69 1.03 0.00	16.35 1.19 -1.09	15.42 0.95 -3.71	16.84 1.28 -0.32	23.19 1.28 -6.45	18.20 1.23 -2.48	16.78 0.70 -8.03	17.06 1.07 -2.87	17.07 1.25 -0.34	18.75 1.41 0.00	21.65 1.53 0.00	23.49 1.68 0.00	17.15 1.37 -0.02	15.78 1.27 0.00	19.60 1.19 0.00
ASTORIA_GT_1 23523	18.32 1.21 0.00	17.17 1.13 0.00	16.36 1.10 0.00	15.85 1.09 0.00	12.92 0.93 -0.01	15.75 1.17 0.00	12.42 0.86 -1.45	15.91 1.22 0.00	17.54 1.35 -0.01	13.71 1.05 0.00	16.38 1.22 -1.09	15.43 0.96 -3.71	16.87 1.31 -0.33	23.22 1.31 -6.46	18.24 1.25 -2.49	16.80 0.71 -8.03	17.08 1.09 -2.87	17.10 1.28 -0.34	18.78 1.44 0.00	21.70 1.57 -0.01	23.53 1.71 0.00	17.18 1.40 -0.02	15.81 1.30 0.00	19.62 1.21 0.00
ASTORIA_GT_10 24110	18.22 1.11 0.00	17.10 1.06 0.00	16.30 1.04 0.00	15.79 1.03 0.00	12.87 0.88 -0.01	15.68 1.10 0.00	12.38 0.81 -1.45	15.84 1.15 0.00	17.44 1.26 0.00	13.65 0.99 0.00	16.29 1.14 -1.08	15.38 0.92 -3.70	16.79 1.24 -0.31	23.17 1.26 -6.45	18.18 1.21 -2.48	16.77 0.68 -8.03	17.03 1.04 -2.87	17.03 1.21 -0.34	18.68 1.34 0.00	21.58 1.46 0.00	23.39 1.58 0.00	17.09 1.32 -0.02	15.73 1.22 0.00	19.51 1.10 0.00
ASTORIA_GT_11 24225	18.22 1.11 0.00	17.10 1.06 0.00	16.30 1.04 0.00	15.79 1.03 0.00	12.87 0.88 -0.01	15.68 1.10 0.00	12.38 0.81 -1.45	15.84 1.15 0.00	17.44 1.26 0.00	13.65 0.99 0.00	16.29 1.14 -1.08	15.38 0.92 -3.70	16.79 1.24 -0.31	23.17 1.26 -6.45	18.18 1.21 -2.48	16.77 0.68 -8.03	17.03 1.04 -2.87	17.03 1.21 -0.34	18.68 1.34 0.00	21.58 1.46 0.00	23.39 1.58 0.00	17.09 1.32 -0.02	15.73 1.22 0.00	19.51 1.10 0.00
ASTORIA_GT_12 24226	18.22 1.11 0.00	17.10 1.06 0.00	16.30 1.04 0.00	15.79 1.03 0.00	12.87 0.88 -0.01	15.68 1.10 0.00	12.38 0.81 -1.45	15.84 1.15 0.00	17.44 1.26 0.00	13.65 0.99 0.00	16.29 1.14 -1.08	15.38 0.92 -3.70	16.79 1.24 -0.31	23.17 1.26 -6.45	18.18 1.21 -2.48	16.77 0.68 -8.03	17.03 1.04 -2.87	17.03 1.21 -0.34	18.68 1.34 0.00	21.58 1.46 0.00	23.39 1.58 0.00	17.09 1.32 -0.02	15.73 1.22 0.00	19.51 1.10 0.00
ASTORIA_GT_13 24227	18.22 1.11 0.00	17.10 1.06 0.00	16.30 1.04 0.00	15.79 1.03 0.00	12.87 0.88 -0.01	15.68 1.10 0.00	12.38 0.81 -1.45	15.84 1.15 0.00	17.44 1.26 0.00	13.65 0.99 0.00	16.29 1.14 -1.08	15.38 0.92 -3.70	16.79 1.24 -0.31	23.17 1.26 -6.45	18.18 1.21 -2.48	16.77 0.68 -8.03	17.03 1.04 -2.87	17.03 1.21 -0.34	18.68 1.34 0.00	21.58 1.46 0.00	23.39 1.58 0.00	17.09 1.32 -0.02	15.73 1.22 0.00	19.51 1.10 0.00
ASTORIA_GT_5 24106	18.32 1.21 0.00	17.17 1.13 0.00	16.37 1.11 0.00	15.85 1.09 0.00	12.92 0.93 -0.01	15.75 1.16 0.00	12.42 0.86 -1.45	15.91 1.22 0.00	17.54 1.35 -0.01	13.71 1.05 0.00	16.38 1.21 -1.09	15.43 0.96 -3.71	16.87 1.31 -0.32	23.22 1.31 -6.45	18.23 1.26 -2.48	16.79 0.71 -8.03	17.08 1.10 -2.87	17.10 1.28 -0.34	18.78 1.44 0.00	21.69 1.57 0.00	23.52 1.71 0.00	17.18 1.40 -0.02	15.81 1.30 0.00	19.62 1.21 0.00
ASTORIA_GT_7 24107	18.32 1.21 0.00	17.17 1.13 0.00	16.37 1.11 0.00	15.85 1.09 0.00	12.92 0.93 -0.01	15.75 1.16 0.00	12.42 0.86 -1.45	15.91 1.22 0.00	17.54 1.35 -0.01	13.71 1.05 0.00	16.38 1.21 -1.09	15.43 0.96 -3.71	16.87 1.31 -0.32	23.22 1.31 -6.45	18.23 1.26 -2.48	16.79 0.71 -8.03	17.08 1.10 -2.87	17.10 1.28 -0.34	18.78 1.44 0.00	21.69 1.57 0.00	23.52 1.71 0.00	17.18 1.40 -0.02	15.81 1.30 0.00	19.62 1.21 0.00
ASTORIA_GT_8 24108	18.32 1.21 0.00	17.17 1.13 0.00	16.37 1.11 0.00	15.85 1.09 0.00	12.92 0.93 -0.01	15.75 1.16 0.00	12.42 0.86 -1.45	15.91 1.22 0.00	17.54 1.35 -0.01	13.71 1.05 0.00	16.38 1.21 -1.09	15.43 0.96 -3.71	16.87 1.31 -0.32	23.22 1.31 -6.45	18.23 1.26 -2.48	16.79 0.71 -8.03	17.08 1.10 -2.87	17.10 1.28 -0.34	18.78 1.44 0.00	21.69 1.57 0.00	23.52 1.71 0.00	17.18 1.40 -0.02	15.81 1.30 0.00	19.62 1.21 0.00
ASTORIA___2 24149	18.30 1.18 0.00	17.15 1.11 0.00	16.34 1.08 0.00	15.83 1.08 0.00	12.91 0.91 -0.01	15.73 1.14 0.00	12.41 0.85 -1.45	15.89 1.20 0.00	17.51 1.32 -0.01	13.69 1.03 0.00	16.35 1.19 -1.09	15.42 0.95 -3.71	16.85 1.28 -0.33	23.19 1.28 -6.46	18.22 1.23 -2.49	16.79 0.70 -8.03	17.06 1.07 -2.87	17.07 1.26 -0.34	18.75 1.41 0.00	21.66 1.53 -0.01	23.50 1.68 0.00	17.15 1.38 -0.02	15.79 1.27 0.00	19.60 1.19 0.00
ASTORIA___3 23516	18.22 1.10 0.00	17.09 1.06 0.00	16.30 1.03 0.00	15.79 1.03 0.00	12.86 0.87 -0.01	15.68 1.10 0.00	12.38 0.81 -1.45	15.84 1.15 0.00	17.44 1.26 0.00	13.65 0.99 0.00	16.29 1.14 -1.08	15.38 0.92 -3.70	16.80 1.24 -0.32	23.17 1.27 -6.45	18.18 1.21 -2.48	16.77 0.68 -8.03	17.03 1.04 -2.87	17.03 1.21 -0.34	18.68 1.34 0.00	21.59 1.46 -0.01	23.40 1.59 0.00	17.10 1.32 -0.02	15.73 1.22 0.00	19.51 1.10 0.00
ASTORIA___4 23517	18.22 1.11 0.00	17.10 1.06 0.00	16.30 1.04 0.00	15.79 1.03 0.00	12.87 0.87 -0.01	15.68 1.10 0.00	12.38 0.81 -1.45	15.84 1.15 0.00	17.44 1.26 0.00	13.65 0.99 0.00	16.29 1.14 -1.08	15.38 0.92 -3.70	16.79 1.24 -0.31	23.17 1.26 -6.45	18.18 1.21 -2.48	16.77 0.68 -8.03	17.03 1.04 -2.87	17.03 1.21 -0.34	18.68 1.34 0.00	21.58 1.46 0.00	23.39 1.58 0.00	17.09 1.32 -0.02	15.73 1.22 0.00	19.51 1.10 0.00
ASTORIA___5 23518	18.22 1.10 0.00	17.09 1.06 0.00	16.30 1.03 0.00	15.79 1.03 0.00	12.86 0.87 -0.01	15.68 1.10 0.00	12.38 0.81 -1.45	15.84 1.15 0.00	17.44 1.26 0.00	13.65 0.99 0.00	16.29 1.14 -1.08	15.38 0.92 -3.70	16.80 1.24 -0.32	23.17 1.27 -6.45	18.18 1.21 -2.48	16.77 0.68 -8.03	17.03 1.04 -2.87	17.03 1.21 -0.34	18.68 1.34 0.00	21.59 1.46 -0.01	23.40 1.59 0.00	17.10 1.32 -0.02	15.73 1.22 0.00	19.51 1.10 0.00
AST_ENERGY_2_CC3 323677	18.22 1.11 0.00	17.09 1.06 0.00	16.29 1.03 0.00	15.78 1.02 0.00	12.86 0.86 -0.01	15.68 1.09 0.00	12.37 0.81 -1.45	15.81 1.12 0.00	17.41 1.23 0.00	13.63 0.97 0.00	16.30 1.16 -1.07	15.36 0.94 -3.67	16.81 1.25 -0.32	23.13 1.28 -6.39	18.19 1.24 -2.46	16.72 0.70 -7.97	17.01 1.05 -2.84	17.03 1.22 -0.34	18.67 1.33 0.00	21.57 1.45 -0.01	23.38 1.56 0.00	17.10 1.32 -0.02	15.72 1.21 0.00	19.50 1.09 0.00
AST_ENERGY_2_CC4 323678	18.22 1.11 0.00	17.09 1.06 0.00	16.29 1.03 0.00	15.78 1.02 0.00	12.86 0.86 -0.01	15.68 1.09 0.00	12.37 0.81 -1.45	15.81 1.12 0.00	17.41 1.23 0.00	13.63 0.97 0.00	16.30 1.16 -1.07	15.36 0.94 -3.67	16.81 1.25 -0.32	23.13 1.28 -6.39	18.19 1.24 -2.46	16.72 0.70 -7.97	17.01 1.05 -2.84	17.03 1.22 -0.34	18.67 1.33 0.00	21.57 1.45 -0.01	23.38 1.56 0.00	17.10 1.32 -0.02	15.72 1.21 0.00	19.50 1.09 0.00

ATHENS_STG_1 23668	17.69 0.57 0.00	16.60 0.57 0.00	15.84 0.58 0.00	15.37 0.61 0.00	12.54 0.54 -0.01	15.26 0.68 0.00	12.25 0.48 -1.66	15.36 0.67 0.00	16.89 0.71 0.00	13.22 0.56 0.00	14.72 0.65 0.00	11.30 0.54 0.00	15.94 0.71 0.00	16.22 0.76 0.00	15.25 0.75 0.00	10.86 0.42 -2.38	13.72 0.60 0.00	16.17 0.70 0.00	18.11 0.77 0.00	20.94 0.82 0.00	22.70 0.89 0.00	16.52 0.77 0.00	15.21 0.70 0.00	19.05 0.63 0.00
ATHENS_STG_2 23670	17.69 0.57 0.00	16.60 0.57 0.00	15.84 0.58 0.00	15.37 0.61 0.00	12.54 0.54 -0.01	15.26 0.68 0.00	12.25 0.48 -1.66	15.36 0.67 0.00	16.89 0.71 0.00	13.22 0.56 0.00	14.72 0.65 0.00	11.30 0.54 0.00	15.94 0.71 0.00	16.22 0.76 0.00	15.25 0.75 0.00	10.86 0.42 -2.38	13.72 0.60 0.00	16.17 0.70 0.00	18.11 0.77 0.00	20.94 0.82 0.00	22.70 0.89 0.00	16.52 0.77 0.00	15.21 0.70 0.00	19.05 0.63 0.00
ATHENS_STG_3 23677	17.69 0.57 0.00	16.60 0.57 0.00	15.84 0.58 0.00	15.37 0.61 0.00	12.54 0.54 -0.01	15.26 0.68 0.00	12.25 0.48 -1.66	15.36 0.67 0.00	16.89 0.71 0.00	13.22 0.56 0.00	14.72 0.65 0.00	11.30 0.54 0.00	15.94 0.71 0.00	16.22 0.76 0.00	15.25 0.75 0.00	10.86 0.42 -2.38	13.72 0.60 0.00	16.17 0.70 0.00	18.11 0.77 0.00	20.94 0.82 0.00	22.70 0.89 0.00	16.52 0.77 0.00	15.21 0.70 0.00	19.05 0.63 0.00
AUBURN___LFGE 323710	16.89 -0.22 0.00	15.86 -0.18 0.00	15.09 -0.17 0.00	14.62 -0.14 0.00	11.92 -0.07 0.00	14.51 -0.07 0.00	10.14 -0.07 -0.10	14.66 -0.03 0.00	16.18 0.00 0.00	12.58 -0.08 0.00	14.02 -0.06 0.00	10.65 -0.11 0.00	15.07 -0.17 0.00	15.24 -0.21 0.00	14.30 -0.19 0.00	8.06 -0.14 -0.15	12.86 -0.27 0.00	15.17 -0.31 0.00	17.02 -0.32 0.00	19.81 -0.31 0.00	21.44 -0.37 0.00	15.63 -0.13 0.00	14.38 -0.14 0.00	18.28 -0.14 0.00
BABYLON_RES_REC 323704	18.31 1.19 0.00	17.16 1.12 0.00	16.35 1.09 0.00	15.83 1.07 0.00	12.93 0.94 -0.01	15.71 1.12 0.00	12.37 0.81 -1.45	15.97 1.28 0.00	17.49 1.31 0.00	13.71 1.05 0.00	15.40 1.33 0.00	12.08 1.05 -0.26	16.59 1.35 0.00	16.93 1.33 -0.15	17.07 1.42 -1.16	10.93 0.79 -2.09	14.24 1.12 0.00	16.66 1.18 0.00	18.58 1.23 0.00	21.44 1.32 0.00	23.36 1.54 0.00	17.11 1.36 0.00	15.87 1.36 0.00	19.64 1.23 0.00
BABYLON__69_KV_BK2 356345	18.49 1.37 0.00	17.33 1.29 0.00	16.52 1.26 0.00	15.98 1.22 0.00	13.06 1.07 -0.01	15.85 1.27 0.00	12.48 0.92 -1.45	16.14 1.46 0.00	17.68 1.50 0.00	13.85 1.20 0.00	15.57 1.49 0.00	12.21 1.18 -0.26	16.77 1.54 0.00	17.10 1.49 -0.15	17.24 1.58 -1.16	11.02 0.88 -2.08	14.38 1.26 0.00	16.82 1.34 0.00	18.75 1.41 0.00	21.65 1.53 0.00	23.60 1.79 0.00	17.31 1.55 0.00	16.04 1.53 0.00	19.85 1.44 0.00
BALL_HILL_WT_PWR 323825	15.86 -1.26 0.00	15.00 -1.03 0.00	14.26 -1.00 0.00	13.78 -0.97 0.00	11.25 -0.74 0.00	13.78 -0.80 0.00	9.69 -0.56 -0.13	13.78 -0.91 0.00	15.22 -0.96 0.00	11.80 -0.86 0.00	13.05 -1.03 0.00	9.88 -0.88 0.00	13.95 -1.29 0.00	14.04 -1.41 0.00	13.12 -1.37 0.00	7.43 -0.82 -0.19	11.31 -1.50 0.32	13.79 -1.69 0.00	15.53 -1.81 0.00	18.21 -1.91 0.00	19.98 -1.83 0.00	14.91 -0.85 0.00	13.75 -0.76 0.00	17.70 -0.71 0.00
BARON_WINDS___WT_PWR 323822	15.72 -1.40 0.00	14.85 -1.19 0.00	14.18 -1.08 0.00	13.72 -1.04 0.00	11.18 -0.81 0.00	13.72 -0.86 0.00	9.69 -0.59 -0.17	13.82 -0.87 0.00	15.27 -0.91 0.00	11.89 -0.77 0.00	13.13 -0.94 0.00	9.97 -0.79 0.00	14.14 -1.10 0.00	14.28 -1.18 0.00	13.37 -1.13 0.00	7.63 -0.67 -0.24	10.17 -1.23 1.73	14.05 -1.43 0.00	15.81 -1.53 0.00	18.48 -1.64 0.00	20.17 -1.65 0.00	14.92 -0.84 0.00	13.76 -0.75 0.00	17.58 -0.83 0.00
BARRETT_IC_1 23704	18.15 1.03 0.00	17.03 0.99 0.00	16.23 0.97 0.00	15.71 0.95 0.00	12.84 0.84 -0.01	15.59 1.01 0.00	12.28 0.72 -1.45	15.80 1.11 0.00	17.31 1.13 0.00	13.58 0.92 0.00	15.27 1.19 0.00	11.99 0.96 -0.26	16.47 1.23 0.00	18.47 1.25 -1.77	29.44 1.25 -13.70	10.86 0.71 -2.09	14.13 1.01 0.00	16.54 1.06 0.00	18.43 1.09 0.00	21.26 1.14 0.00	23.13 1.32 0.00	16.94 1.18 0.00	15.69 1.18 0.00	19.45 1.04 0.00
BARRETT_IC_10 23701	18.15 1.03 0.00	17.03 0.99 0.00	16.23 0.97 0.00	15.71 0.95 0.00	12.84 0.84 -0.01	15.59 1.01 0.00	12.28 0.72 -1.45	15.80 1.11 0.00	17.31 1.13 0.00	13.58 0.92 0.00	15.27 1.19 0.00	11.99 0.96 -0.26	16.47 1.23 0.00	18.47 1.25 -1.77	29.44 1.25 -13.70	10.86 0.71 -2.09	14.13 1.01 0.00	16.54 1.06 0.00	18.43 1.09 0.00	21.26 1.14 0.00	23.13 1.32 0.00	16.94 1.18 0.00	15.69 1.18 0.00	19.45 1.04 0.00
BARRETT_IC_11 23702	18.15 1.03 0.00	17.03 0.99 0.00	16.23 0.97 0.00	15.71 0.95 0.00	12.84 0.84 -0.01	15.59 1.01 0.00	12.28 0.72 -1.45	15.80 1.11 0.00	17.31 1.13 0.00	13.58 0.92 0.00	15.27 1.19 0.00	11.99 0.96 -0.26	16.47 1.23 0.00	18.47 1.25 -1.77	29.44 1.25 -13.70	10.86 0.71 -2.09	14.13 1.01 0.00	16.54 1.06 0.00	18.43 1.09 0.00	21.26 1.14 0.00	23.13 1.32 0.00	16.94 1.18 0.00	15.69 1.18 0.00	19.45 1.04 0.00
BARRETT_IC_12 23703	18.15 1.03 0.00	17.03 0.99 0.00	16.23 0.97 0.00	15.71 0.95 0.00	12.84 0.84 -0.01	15.59 1.01 0.00	12.28 0.72 -1.45	15.80 1.11 0.00	17.31 1.13 0.00	13.58 0.92 0.00	15.27 1.19 0.00	11.99 0.96 -0.26	16.47 1.23 0.00	18.47 1.25 -1.77	29.44 1.25 -13.70	10.86 0.71 -2.09	14.13 1.01 0.00	16.54 1.06 0.00	18.43 1.09 0.00	21.26 1.14 0.00	23.13 1.32 0.00	16.94 1.18 0.00	15.69 1.18 0.00	19.45 1.04 0.00
BARRETT_IC_2 23705	18.15 1.03 0.00	17.03 0.99 0.00	16.23 0.97 0.00	15.71 0.95 0.00	12.84 0.84 -0.01	15.59 1.01 0.00	12.28 0.72 -1.45	15.80 1.11 0.00	17.31 1.13 0.00	13.58 0.92 0.00	15.27 1.19 0.00	11.99 0.96 -0.26	16.47 1.23 0.00	18.47 1.25 -1.77	29.44 1.25 -13.70	10.86 0.71 -2.09	14.13 1.01 0.00	16.54 1.06 0.00	18.43 1.09 0.00	21.26 1.14 0.00	23.13 1.32 0.00	16.94 1.18 0.00	15.69 1.18 0.00	19.45 1.04 0.00
BARRETT_IC_3 23706	18.15 1.03 0.00	17.03 0.99 0.00	16.23 0.97 0.00	15.71 0.95 0.00	12.84 0.84 -0.01	15.59 1.01 0.00	12.28 0.72 -1.45	15.80 1.11 0.00	17.31 1.13 0.00	13.58 0.92 0.00	15.27 1.19 0.00	11.99 0.96 -0.26	16.47 1.23 0.00	18.47 1.25 -1.77	29.44 1.25 -13.70	10.86 0.71 -2.09	14.13 1.01 0.00	16.54 1.06 0.00	18.43 1.09 0.00	21.26 1.14 0.00	23.13 1.32 0.00	16.94 1.18 0.00	15.69 1.18 0.00	19.45 1.04 0.00
BARRETT_IC_4 23707	18.15 1.03 0.00	17.03 0.99 0.00	16.23 0.97 0.00	15.71 0.95 0.00	12.84 0.84 -0.01	15.59 1.01 0.00	12.28 0.72 -1.45	15.80 1.11 0.00	17.31 1.13 0.00	13.58 0.92 0.00	15.27 1.19 0.00	11.99 0.96 -0.26	16.47 1.23 0.00	18.47 1.25 -1.77	29.44 1.25 -13.70	10.86 0.71 -2.09	14.13 1.01 0.00	16.54 1.06 0.00	18.43 1.09 0.00	21.26 1.14 0.00	23.13 1.32 0.00	16.94 1.18 0.00	15.69 1.18 0.00	19.45 1.04 0.00

BARRETT_IC_5 23708	18.15 1.03 0.00	17.03 0.99 0.00	16.23 0.97 0.00	15.71 0.95 0.00	12.84 0.84 -0.01	15.59 1.01 0.00	12.28 0.72 -1.45	15.80 1.11 0.00	17.31 1.13 0.00	13.58 0.92 0.00	15.27 1.19 0.00	11.99 0.96 -0.26	16.47 1.23 0.00	18.47 1.25 -1.77	29.44 1.25 -13.70	10.86 0.71 -2.09	14.13 1.01 0.00	16.54 1.06 0.00	18.43 1.09 0.00	21.26 1.14 0.00	23.13 1.32 0.00	16.94 1.18 0.00	15.69 1.18 0.00	19.45 1.04 0.00
BARRETT_IC_6 23709	18.15 1.03 0.00	17.03 0.99 0.00	16.23 0.97 0.00	15.71 0.95 0.00	12.84 0.84 -0.01	15.59 1.01 0.00	12.28 0.72 -1.45	15.80 1.11 0.00	17.31 1.13 0.00	13.58 0.92 0.00	15.27 1.19 0.00	11.99 0.96 -0.26	16.47 1.23 0.00	18.47 1.25 -1.77	29.44 1.25 -13.70	10.86 0.71 -2.09	14.13 1.01 0.00	16.54 1.06 0.00	18.43 1.09 0.00	21.26 1.14 0.00	23.13 1.32 0.00	16.94 1.18 0.00	15.69 1.18 0.00	19.45 1.04 0.00
BARRETT_IC_7 23710	18.14 1.03 0.00	17.03 0.99 0.00	16.23 0.97 0.00	15.71 0.95 0.00	12.84 0.85 -0.01	15.59 1.01 0.00	12.28 0.72 -1.45	15.80 1.11 0.00	17.31 1.14 0.00	13.58 0.92 0.00	15.26 1.19 0.00	11.99 0.96 -0.26	16.47 1.24 0.00	18.48 1.26 -1.77	29.46 1.27 -13.70	10.86 0.72 -2.09	14.13 1.01 0.00	16.54 1.06 0.00	18.43 1.09 0.00	21.26 1.14 0.00	23.12 1.31 0.00	16.94 1.18 0.00	15.69 1.18 0.00	19.45 1.04 0.00
BARRETT_IC_8 23711	18.15 1.03 0.00	17.03 0.99 0.00	16.23 0.97 0.00	15.71 0.95 0.00	12.84 0.84 -0.01	15.59 1.01 0.00	12.28 0.72 -1.45	15.80 1.11 0.00	17.31 1.13 0.00	13.58 0.92 0.00	15.27 1.19 0.00	11.99 0.96 -0.26	16.47 1.23 0.00	18.47 1.25 -1.77	29.44 1.25 -13.70	10.86 0.71 -2.09	14.13 1.01 0.00	16.54 1.06 0.00	18.43 1.09 0.00	21.26 1.14 0.00	23.13 1.32 0.00	16.94 1.18 0.00	15.69 1.18 0.00	19.45 1.04 0.00
BARRETT_IC_9 23700	18.15 1.03 0.00	17.03 0.99 0.00	16.23 0.97 0.00	15.71 0.95 0.00	12.84 0.84 -0.01	15.59 1.01 0.00	12.28 0.72 -1.45	15.80 1.11 0.00	17.31 1.13 0.00	13.58 0.92 0.00	15.27 1.19 0.00	11.99 0.96 -0.26	16.47 1.23 0.00	18.47 1.25 -1.77	29.44 1.25 -13.70	10.86 0.71 -2.09	14.13 1.01 0.00	16.54 1.06 0.00	18.43 1.09 0.00	21.26 1.14 0.00	23.13 1.32 0.00	16.94 1.18 0.00	15.69 1.18 0.00	19.45 1.04 0.00
BARRETT___1 23545	18.15 1.03 0.00	17.03 0.99 0.00	16.23 0.97 0.00	15.71 0.95 0.00	12.84 0.84 -0.01	15.59 1.01 0.00	12.28 0.72 -1.45	15.80 1.11 0.00	17.31 1.13 0.00	13.58 0.92 0.00	15.27 1.19 0.00	11.99 0.96 -0.26	16.47 1.23 0.00	18.47 1.25 -1.77	29.44 1.25 -13.70	10.86 0.71 -2.09	14.13 1.01 0.00	16.54 1.06 0.00	18.43 1.09 0.00	21.26 1.14 0.00	23.13 1.32 0.00	16.94 1.18 0.00	15.69 1.18 0.00	19.45 1.04 0.00
BARRETT___2 23546	18.15 1.03 0.00	17.03 0.99 0.00	16.23 0.97 0.00	15.71 0.95 0.00	12.84 0.84 -0.01	15.59 1.01 0.00	12.28 0.72 -1.45	15.80 1.11 0.00	17.31 1.13 0.00	13.58 0.92 0.00	15.27 1.19 0.00	11.99 0.96 -0.26	16.47 1.23 0.00	18.47 1.25 -1.77	29.44 1.25 -13.70	10.86 0.71 -2.09	14.13 1.01 0.00	16.54 1.06 0.00	18.43 1.09 0.00	21.26 1.14 0.00	23.13 1.32 0.00	16.94 1.18 0.00	15.69 1.18 0.00	19.45 1.04 0.00
BATAVIA__115KV_TB1 55881	16.19 -0.92 0.00	15.30 -0.74 0.00	14.44 -0.82 0.00	14.01 -0.74 0.00	11.41 -0.58 0.00	13.97 -0.61 0.00	9.83 -0.39 -0.12	14.00 -0.69 0.00	15.49 -0.69 0.00	12.04 -0.62 0.00	13.40 -0.67 0.00	10.12 -0.64 0.00	14.21 -1.03 0.00	14.24 -1.22 0.00	13.32 -1.18 0.00	7.51 -0.71 -0.16	11.64 -1.32 0.17	14.01 -1.47 0.00	15.84 -1.50 0.00	18.68 -1.44 0.00	20.51 -1.30 0.00	15.19 -0.57 0.00	13.97 -0.54 0.00	17.96 -0.45 0.00
BAYONEEC___CTG1 323682	18.23 1.11 0.00	17.10 1.06 0.00	16.30 1.03 0.00	15.79 1.03 0.00	12.86 0.87 -0.01	15.68 1.09 0.00	12.37 0.81 -1.45	15.83 1.14 0.00	17.43 1.26 0.00	13.64 0.98 0.00	16.31 1.16 -1.07	15.37 0.94 -3.67	16.81 1.26 -0.32	23.14 1.30 -6.39	18.20 1.25 -2.46	16.73 0.70 -7.97	17.01 1.05 -2.84	17.04 1.22 -0.34	18.69 1.34 0.00	21.59 1.46 -0.01	23.39 1.58 0.00	17.11 1.33 -0.02	15.73 1.22 0.00	19.52 1.11 0.00
BAYONEEC___CTG10 323750	18.23 1.11 0.00	17.10 1.06 0.00	16.30 1.03 0.00	15.79 1.03 0.00	12.86 0.87 -0.01	15.68 1.09 0.00	12.37 0.81 -1.45	15.83 1.14 0.00	17.43 1.26 0.00	13.64 0.98 0.00	16.31 1.16 -1.07	15.37 0.94 -3.67	16.81 1.26 -0.32	23.14 1.30 -6.39	18.20 1.25 -2.46	16.73 0.70 -7.97	17.01 1.05 -2.84	17.04 1.22 -0.34	18.69 1.34 0.00	21.59 1.46 -0.01	23.39 1.58 0.00	17.11 1.33 -0.02	15.73 1.22 0.00	19.52 1.11 0.00
BAYONEEC___CTG2 323683	18.23 1.11 0.00	17.10 1.06 0.00	16.30 1.03 0.00	15.79 1.03 0.00	12.86 0.87 -0.01	15.68 1.09 0.00	12.37 0.81 -1.45	15.83 1.14 0.00	17.43 1.26 0.00	13.64 0.98 0.00	16.31 1.16 -1.07	15.37 0.94 -3.67	16.81 1.26 -0.32	23.14 1.30 -6.39	18.20 1.25 -2.46	16.73 0.70 -7.97	17.01 1.05 -2.84	17.04 1.22 -0.34	18.69 1.34 0.00	21.59 1.46 -0.01	23.39 1.58 0.00	17.11 1.33 -0.02	15.73 1.22 0.00	19.52 1.11 0.00
BAYONEEC___CTG3 323684	18.23 1.11 0.00	17.10 1.06 0.00	16.30 1.03 0.00	15.79 1.03 0.00	12.86 0.87 -0.01	15.68 1.09 0.00	12.37 0.81 -1.45	15.83 1.14 0.00	17.43 1.26 0.00	13.64 0.98 0.00	16.31 1.16 -1.07	15.37 0.94 -3.67	16.81 1.26 -0.32	23.14 1.30 -6.39	18.20 1.25 -2.46	16.73 0.70 -7.97	17.01 1.05 -2.84	17.04 1.22 -0.34	18.69 1.34 0.00	21.59 1.46 -0.01	23.39 1.58 0.00	17.11 1.33 -0.02	15.73 1.22 0.00	19.52 1.11 0.00
BAYONEEC___CTG4 323685	18.23 1.11 0.00	17.10 1.06 0.00	16.30 1.03 0.00	15.79 1.03 0.00	12.86 0.87 -0.01	15.68 1.09 0.00	12.37 0.81 -1.45	15.83 1.14 0.00	17.43 1.26 0.00	13.64 0.98 0.00	16.31 1.16 -1.07	15.37 0.94 -3.67	16.81 1.26 -0.32	23.14 1.30 -6.39	18.20 1.25 -2.46	16.73 0.70 -7.97	17.01 1.05 -2.84	17.04 1.22 -0.34	18.69 1.34 0.00	21.59 1.46 -0.01	23.39 1.58 0.00	17.11 1.33 -0.02	15.73 1.22 0.00	19.52 1.11 0.00
BAYONEEC___CTG5 323686	18.23 1.11 0.00	17.10 1.06 0.00	16.30 1.03 0.00	15.79 1.03 0.00	12.86 0.87 -0.01	15.68 1.09 0.00	12.37 0.81 -1.45	15.83 1.14 0.00	17.43 1.26 0.00	13.64 0.98 0.00	16.31 1.16 -1.07	15.37 0.94 -3.67	16.81 1.26 -0.32	23.14 1.30 -6.39	18.20 1.25 -2.46	16.73 0.70 -7.97	17.01 1.05 -2.84	17.04 1.22 -0.34	18.69 1.34 0.00	21.59 1.46 -0.01	23.39 1.58 0.00	17.11 1.33 -0.02	15.73 1.22 0.00	19.52 1.11 0.00
BAYONEEC___CTG6 323687	18.23 1.11 0.00	17.10 1.06 0.00	16.30 1.03 0.00	15.79 1.03 0.00	12.86 0.87 -0.01	15.68 1.09 0.00	12.37 0.81 -1.45	15.83 1.14 0.00	17.43 1.26 0.00	13.64 0.98 0.00	16.31 1.16 -1.07	15.37 0.94 -3.67	16.81 1.26 -0.32	23.14 1.30 -6.39	18.20 1.25 -2.46	16.73 0.70 -7.97	17.01 1.05 -2.84	17.04 1.22 -0.34	18.69 1.34 0.00	21.59 1.46 -0.01	23.39 1.58 0.00	17.11 1.33 -0.02	15.73 1.22 0.00	19.52 1.11 0.00

BAYONEEC___CTG7 323688	18.23 1.11 0.00	17.10 1.06 0.00	16.30 1.03 0.00	15.79 1.03 0.00	12.86 0.87 -0.01	15.68 1.09 0.00	12.37 0.81 -1.45	15.83 1.14 0.00	17.43 1.26 0.00	13.64 0.98 0.00	16.31 1.16 -1.07	15.37 0.94 -3.67	16.81 1.26 -0.32	23.14 1.30 -6.39	18.20 1.25 -2.46	16.73 0.70 -7.97	17.01 1.05 -2.84	17.04 1.22 -0.34	18.69 1.34 0.00	21.59 1.46 -0.01	23.39 1.58 0.00	17.11 1.33 -0.02	15.73 1.22 0.00	19.52 1.11 0.00
BAYONEEC___CTG8 323689	18.23 1.11 0.00	17.10 1.06 0.00	16.30 1.03 0.00	15.79 1.03 0.00	12.86 0.87 -0.01	15.68 1.09 0.00	12.37 0.81 -1.45	15.83 1.14 0.00	17.43 1.26 0.00	13.64 0.98 0.00	16.31 1.16 -1.07	15.37 0.94 -3.67	16.81 1.26 -0.32	23.14 1.30 -6.39	18.20 1.25 -2.46	16.73 0.70 -7.97	17.01 1.05 -2.84	17.04 1.22 -0.34	18.69 1.34 0.00	21.59 1.46 -0.01	23.39 1.58 0.00	17.11 1.33 -0.02	15.73 1.22 0.00	19.52 1.11 0.00
BAYONEEC___CTG9 323749	18.23 1.11 0.00	17.10 1.06 0.00	16.30 1.03 0.00	15.79 1.03 0.00	12.86 0.87 -0.01	15.68 1.09 0.00	12.37 0.81 -1.45	15.83 1.14 0.00	17.43 1.26 0.00	13.64 0.98 0.00	16.31 1.16 -1.07	15.37 0.94 -3.67	16.81 1.26 -0.32	23.14 1.30 -6.39	18.20 1.25 -2.46	16.73 0.70 -7.97	17.01 1.05 -2.84	17.04 1.22 -0.34	18.69 1.34 0.00	21.59 1.46 -0.01	23.39 1.58 0.00	17.11 1.33 -0.02	15.73 1.22 0.00	19.52 1.11 0.00
BEACON___LESR 323632	17.55 0.43 0.00	16.52 0.48 0.00	15.78 0.52 0.00	15.30 0.55 0.00	12.49 0.49 -0.01	15.19 0.61 0.00	12.35 0.46 -1.78	15.29 0.61 0.00	16.81 0.64 0.00	13.15 0.49 0.00	14.60 0.53 0.00	11.21 0.44 0.00	15.83 0.60 0.00	16.11 0.66 0.00	15.13 0.63 0.00	10.99 0.38 -2.55	13.69 0.56 0.00	16.12 0.63 0.00	18.06 0.71 0.00	20.90 0.78 0.00	22.63 0.82 0.00	16.43 0.68 0.00	15.13 0.61 0.00	18.94 0.53 0.00
BEAVER RIVER___HYD 24048	16.48 -0.63 0.00	15.43 -0.60 0.00	14.60 -0.66 0.00	14.10 -0.66 0.00	11.44 -0.55 0.00	13.92 -0.66 0.00	9.73 -0.40 -0.03	14.05 -0.64 0.00	17.11 -0.80 -1.73	13.31 -0.63 -1.27	13.38 -0.70 0.00	10.21 -0.56 0.00	16.03 -0.76 -1.55	16.46 -0.87 -1.87	15.52 -0.81 -1.84	9.14 -0.47 -1.56	8.15 -0.72 4.25	13.05 -0.83 1.61	16.68 -0.89 -0.22	21.29 -0.94 -2.12	22.99 -1.02 -2.20	10.49 -0.79 4.48	8.96 -0.76 4.79	19.33 -0.93 -1.85
BEEBEE_GT_13 23619	16.32 -0.80 0.00	15.38 -0.66 0.00	14.56 -0.70 0.00	14.11 -0.65 0.00	11.48 -0.51 0.00	14.04 -0.54 0.00	9.84 -0.36 -0.10	14.10 -0.59 0.00	15.58 -0.60 0.00	12.12 -0.53 0.00	13.44 -0.64 0.00	10.21 -0.56 0.00	14.37 -0.87 0.00	14.48 -0.98 0.00	13.56 -0.93 0.00	7.65 -0.55 -0.14	12.10 -1.02 0.00	14.34 -1.14 0.00	16.16 -1.18 0.00	18.92 -1.20 0.00	20.68 -1.13 0.00	15.21 -0.55 0.00	13.99 -0.52 0.00	17.90 -0.51 0.00
BENSHRST_27_KV_BENSHRST_1 355998	18.33 1.21 0.00	17.18 1.15 0.00	16.38 1.12 0.00	15.85 1.10 0.00	12.92 0.93 -0.01	15.76 1.17 0.00	12.43 0.87 -1.45	15.92 1.23 0.00	17.52 1.34 0.00	13.72 1.06 0.00	16.40 1.24 -1.08	15.46 0.99 -3.70	16.92 1.36 -0.31	23.30 1.40 -6.45	18.30 1.33 -2.48	16.82 0.74 -8.03	17.11 1.12 -2.87	17.13 1.31 -0.34	18.80 1.46 0.00	21.71 1.59 0.00	23.55 1.74 0.00	17.21 1.44 -0.02	15.83 1.32 0.00	19.65 1.23 0.00
BETHLEHEM___GRP 23843	17.27 0.15 0.00	16.28 0.25 0.00	15.59 0.33 0.00	15.09 0.33 0.00	12.32 0.32 -0.01	14.97 0.39 0.00	12.17 0.28 -1.78	15.03 0.34 0.00	16.50 0.32 0.00	12.91 0.25 0.00	14.33 0.26 0.00	11.03 0.27 0.00	15.56 0.32 0.00	15.81 0.35 0.00	14.88 0.38 0.00	10.84 0.23 -2.56	13.43 0.31 0.00	15.79 0.31 0.00	17.69 0.34 0.00	20.48 0.36 0.00	22.19 0.38 0.00	16.12 0.36 0.00	14.83 0.32 0.00	18.59 0.17 0.00
BETHLEHEM___GS1 323560	17.27 0.15 0.00	16.28 0.24 0.00	15.55 0.29 0.00	15.10 0.34 0.00	12.32 0.32 -0.01	14.97 0.39 0.00	12.17 0.28 -1.78	15.03 0.34 0.00	16.50 0.32 0.00	12.91 0.25 0.00	14.33 0.26 0.00	11.03 0.27 0.00	15.55 0.31 0.00	15.81 0.35 0.00	14.87 0.38 0.00	10.84 0.23 -2.56	13.44 0.32 0.00	15.79 0.31 0.00	17.69 0.35 0.00	20.48 0.36 0.00	22.19 0.38 0.00	16.12 0.36 0.00	14.84 0.33 0.00	18.59 0.18 0.00
BETHLEHEM___GS2 323561	17.27 0.15 0.00	16.28 0.24 0.00	15.55 0.29 0.00	15.10 0.34 0.00	12.32 0.32 -0.01	14.97 0.39 0.00	12.17 0.28 -1.78	15.03 0.34 0.00	16.50 0.32 0.00	12.91 0.25 0.00	14.33 0.26 0.00	11.03 0.27 0.00	15.55 0.31 0.00	15.81 0.35 0.00	14.87 0.38 0.00	10.84 0.23 -2.56	13.44 0.32 0.00	15.79 0.31 0.00	17.69 0.35 0.00	20.48 0.36 0.00	22.19 0.38 0.00	16.12 0.36 0.00	14.84 0.33 0.00	18.59 0.18 0.00
BETHLEHEM___GS3 323562	17.27 0.15 0.00	16.28 0.24 0.00	15.55 0.29 0.00	15.10 0.34 0.00	12.32 0.32 -0.01	14.97 0.39 0.00	12.17 0.28 -1.78	15.03 0.34 0.00	16.50 0.32 0.00	12.91 0.25 0.00	14.33 0.26 0.00	11.03 0.27 0.00	15.55 0.31 0.00	15.81 0.35 0.00	14.87 0.38 0.00	10.84 0.23 -2.56	13.44 0.32 0.00	15.79 0.31 0.00	17.69 0.35 0.00	20.48 0.36 0.00	22.19 0.38 0.00	16.12 0.36 0.00	14.84 0.33 0.00	18.59 0.18 0.00
BETHLEHEM___STEEL 23779	15.92 -1.20 0.00	15.04 -1.00 0.00	14.22 -1.05 0.00	13.80 -0.97 0.00	11.22 -0.77 0.00	13.76 -0.83 0.00	9.68 -0.56 -0.13	13.77 -0.92 0.00	15.21 -0.97 0.00	11.80 -0.86 0.00	13.03 -1.04 0.00	9.86 -0.91 0.00	13.88 -1.36 0.00	13.97 -1.49 0.00	13.06 -1.43 0.00	7.40 -0.85 -0.19	11.28 -1.53 0.31	13.77 -1.71 0.00	15.53 -1.82 0.00	18.22 -1.90 0.00	20.00 -1.81 0.00	14.89 -0.87 0.00	13.73 -0.78 0.00	17.69 -0.72 0.00
BETHLHEM_115KV_TB1 79974	17.32 0.21 0.00	16.32 0.28 0.00	15.62 0.35 0.00	15.12 0.36 0.00	12.34 0.35 -0.01	15.00 0.42 0.00	12.19 0.30 -1.78	15.06 0.38 0.00	16.54 0.37 0.00	12.94 0.28 0.00	14.38 0.30 0.00	11.06 0.29 0.00	15.60 0.36 0.00	15.85 0.40 0.00	14.92 0.42 0.00	10.86 0.25 -2.56	13.47 0.34 0.00	15.83 0.35 0.00	17.73 0.39 0.00	20.53 0.41 0.00	22.24 0.43 0.00	16.16 0.41 0.00	14.87 0.36 0.00	18.65 0.23 0.00
BETHPAGE_CC_5 323564	18.28 1.16 0.00	17.14 1.10 0.00	16.34 1.07 0.00	15.81 1.06 0.00	12.92 0.92 -0.01	15.69 1.11 0.00	12.36 0.80 -1.45	15.94 1.25 0.00	17.46 1.28 0.00	13.70 1.04 0.00	15.38 1.30 0.00	12.07 1.04 -0.26	16.57 1.34 0.00	17.00 1.34 -0.20	17.48 1.40 -1.59	10.92 0.78 -2.09	14.23 1.11 0.00	16.66 1.18 0.00	18.58 1.24 0.00	21.45 1.33 0.00	23.33 1.52 0.00	17.09 1.33 0.00	15.83 1.32 0.00	19.61 1.19 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	15.96 -1.16 0.00	15.08 -0.96 0.00	14.26 -1.00 0.00	13.83 -0.92 0.00	11.26 -0.73 0.00	13.80 -0.78 0.00	9.71 -0.54 -0.13	13.82 -0.87 0.00	15.27 -0.91 0.00	11.85 -0.81 0.00	13.09 -0.98 0.00	9.90 -0.86 0.00	13.94 -1.29 0.00	14.03 -1.42 0.00	13.13 -1.37 0.00	7.43 -0.81 -0.19	11.36 -1.47 0.29	13.83 -1.65 0.00	15.59 -1.75 0.00	18.30 -1.83 0.00	20.08 -1.73 0.00	14.96 -0.79 0.00	13.79 -0.72 0.00	17.76 -0.65 0.00

BINGHAMTON___COGEN 23790	16.87 -0.25 0.00	15.86 -0.18 0.00	15.11 -0.15 0.00	14.63 -0.13 0.00	11.92 -0.07 0.00	14.56 -0.02 0.00	10.34 -0.01 -0.24	14.67 -0.01 0.00	16.20 0.02 0.00	12.64 -0.02 0.00	14.02 -0.05 0.00	10.70 -0.06 0.00	15.14 -0.09 0.00	15.32 -0.13 0.00	14.38 -0.12 0.00	8.31 -0.09 -0.34	12.90 -0.22 0.00	15.21 -0.27 0.00	16.97 -0.37 0.00	19.74 -0.38 0.00	21.46 -0.35 0.00	15.70 -0.06 0.00	14.44 -0.08 0.00	18.31 -0.11 0.00
BIXINCNT_115KV_LOAD 355685	15.50 -1.62 0.00	14.69 -1.35 0.00	13.93 -1.33 0.00	13.52 -1.24 0.00	11.00 -0.99 0.00	13.52 -1.06 0.00	9.52 -0.72 -0.14	13.59 -1.09 0.00	15.06 -1.12 0.00	11.70 -0.96 0.00	12.93 -1.14 0.00	9.78 -0.99 0.00	13.77 -1.47 0.00	13.91 -1.55 0.00	13.05 -1.45 0.00	7.38 -0.88 -0.20	11.34 -1.58 0.20	13.62 -1.86 0.00	15.31 -2.04 0.00	17.97 -2.15 0.00	19.87 -1.95 0.00	15.07 -0.68 0.00	13.87 -0.64 0.00	17.81 -0.61 0.00
BLACK RIVER___HYD 24047	16.25 -0.87 0.00	15.21 -0.83 0.00	14.41 -0.85 0.00	13.92 -0.84 0.00	11.30 -0.69 0.00	13.78 -0.80 0.00	9.65 -0.50 -0.04	13.93 -0.76 0.00	16.49 -0.90 -1.22	12.82 -0.74 -0.90	13.25 -0.82 0.00	10.12 -0.64 0.00	15.40 -0.92 -1.08	15.70 -1.07 -1.31	14.82 -0.97 -1.29	8.62 -0.56 -1.12	9.32 -0.87 2.94	13.38 -0.99 1.10	16.48 -1.04 -0.17	20.50 -1.11 -1.49	22.18 -1.17 -1.54	11.79 -0.87 3.10	10.34 -0.85 3.32	18.64 -1.07 -1.29
BLACKRVR_115KV_TB2 79977	16.25 -0.87 0.00	15.21 -0.83 0.00	14.41 -0.85 0.00	13.92 -0.84 0.00	11.30 -0.68 0.00	13.78 -0.80 0.00	9.65 -0.50 -0.04	13.93 -0.76 0.00	16.49 -0.90 -1.22	12.82 -0.74 -0.90	13.25 -0.82 0.00	10.12 -0.64 0.00	15.40 -0.92 -1.08	15.70 -1.06 -1.31	14.82 -0.97 -1.29	8.62 -0.56 -1.12	9.32 -0.87 2.94	13.38 -1.00 1.10	16.48 -1.04 -0.17	20.50 -1.11 -1.49	22.18 -1.17 -1.54	11.79 -0.87 3.10	10.34 -0.85 3.32	18.64 -1.07 -1.29
BLISS_WT_PWR 323608	15.28 -1.84 0.00	14.50 -1.54 0.00	13.80 -1.47 0.00	13.32 -1.44 0.00	10.87 -1.12 0.00	13.34 -1.24 0.00	9.40 -0.85 -0.14	13.42 -1.26 0.00	14.89 -1.29 0.00	11.57 -1.09 0.00	12.79 -1.28 0.00	9.67 -1.10 0.00	13.60 -1.64 0.00	13.75 -1.70 0.00	12.91 -1.59 0.00	7.30 -0.95 -0.20	11.22 -1.71 0.20	13.46 -2.02 0.00	15.11 -2.23 0.00	17.76 -2.36 0.00	19.67 -2.14 0.00	15.00 -0.76 0.00	13.80 -0.71 0.00	17.73 -0.68 0.00
BLUESTONE___WT_PWR 323821	16.55 -0.56 0.00	15.41 -0.62 0.00	14.75 -0.51 0.00	14.42 -0.34 0.00	11.88 -0.11 0.00	14.32 -0.26 0.00	10.20 -0.17 -0.26	14.47 -0.21 0.00	15.93 -0.25 0.00	12.38 -0.28 0.00	13.77 -0.30 0.00	10.44 -0.33 0.00	14.77 -0.47 0.00	14.93 -0.52 0.00	14.04 -0.45 0.00	8.16 -0.27 -0.37	12.66 -0.46 0.00	14.99 -0.49 0.00	16.77 -0.57 0.00	19.57 -0.55 0.00	21.24 -0.57 0.00	15.42 -0.34 0.00	14.18 -0.33 0.00	17.87 -0.54 0.00
BLUE_CIRC_CHEM_DRP 24182	17.52 0.40 0.00	16.48 0.45 0.00	15.75 0.49 0.00	15.26 0.50 0.00	12.45 0.46 -0.01	15.14 0.56 0.00	12.26 0.39 -1.76	15.19 0.51 0.00	16.66 0.48 0.00	13.04 0.38 0.00	14.48 0.40 0.00	11.12 0.35 0.00	15.68 0.44 0.00	15.94 0.49 0.00	15.00 0.50 0.00	10.87 0.30 -2.52	13.56 0.44 0.00	15.98 0.50 0.00	17.90 0.56 0.00	20.75 0.63 0.00	22.48 0.67 0.00	16.33 0.57 0.00	15.03 0.52 0.00	18.87 0.46 0.00
BOC_GAS_DRP 24189	17.45 0.34 0.00	16.40 0.37 0.00	15.66 0.40 0.00	15.18 0.42 0.00	12.38 0.38 -0.01	15.06 0.47 0.00	12.22 0.33 -1.78	15.14 0.45 0.00	16.64 0.46 0.00	13.02 0.36 0.00	14.48 0.41 0.00	11.12 0.36 0.00	15.70 0.46 0.00	15.95 0.49 0.00	15.00 0.50 0.00	10.90 0.29 -2.56	13.52 0.40 0.00	15.93 0.45 0.00	17.84 0.49 0.00	20.65 0.53 0.00	22.37 0.56 0.00	16.26 0.51 0.00	14.97 0.46 0.00	18.79 0.38 0.00
BOONVILLE_115KV_TB1 79983	17.02 -0.09 0.00	15.95 -0.09 0.00	15.13 -0.13 0.00	14.63 -0.12 0.00	11.90 -0.09 0.00	14.49 -0.09 0.00	10.09 -0.02 0.00	14.65 -0.04 0.00	16.77 -0.07 -0.66	13.10 -0.05 -0.49	14.00 -0.07 0.00	10.70 -0.07 0.00	15.73 -0.10 -0.59	16.02 -0.15 -0.72	15.07 -0.13 -0.70	8.56 -0.08 -0.58	12.05 -0.11 0.96	15.14 -0.11 0.23	17.51 -0.11 -0.28	20.84 -0.09 -0.81	22.56 -0.09 -0.84	14.66 -0.06 1.04	13.23 -0.09 1.19	18.96 -0.16 -0.71
BORALEX_4TH_BRANCH 23824	17.77 0.65 0.00	16.70 0.66 0.00	15.96 0.70 0.00	15.46 0.70 0.00	12.72 0.72 -0.01	15.44 0.85 0.00	12.48 0.60 -1.77	15.53 0.84 0.00	17.02 0.84 0.00	13.28 0.62 0.00	14.64 0.56 0.00	11.23 0.47 0.00	15.81 0.57 0.00	16.13 0.68 0.00	15.09 0.60 0.00	10.99 0.40 -2.54	13.78 0.66 0.00	16.26 0.78 0.00	18.20 0.86 0.00	21.04 0.92 0.00	22.83 1.02 0.00	16.65 0.89 0.00	15.34 0.82 0.00	19.04 0.63 0.00
BOWLINE___1 23526	17.91 0.79 0.00	16.80 0.76 0.00	16.03 0.76 0.00	15.52 0.77 0.00	12.66 0.67 -0.01	15.43 0.85 0.00	12.10 0.63 -1.37	15.58 0.89 0.00	17.15 0.97 0.00	13.42 0.76 0.00	14.97 0.90 0.00	11.50 0.73 0.00	16.23 0.99 0.00	16.50 1.05 0.00	15.49 1.00 0.00	10.57 0.56 -1.96	13.93 0.81 0.00	16.41 0.93 0.00	18.38 1.04 0.00	21.21 1.09 0.00	22.99 1.18 0.00	16.79 1.03 0.00	15.46 0.95 0.00	19.27 0.86 0.00
BOWLINE___2 23595	17.91 0.79 0.00	16.80 0.76 0.00	16.03 0.76 0.00	15.52 0.77 0.00	12.66 0.67 -0.01	15.43 0.85 0.00	12.10 0.63 -1.37	15.58 0.89 0.00	17.15 0.97 0.00	13.42 0.76 0.00	14.97 0.90 0.00	11.50 0.73 0.00	16.23 0.99 0.00	16.50 1.05 0.00	15.50 1.00 0.00	10.57 0.56 -1.96	13.93 0.81 0.00	16.41 0.93 0.00	18.38 1.04 0.00	21.21 1.09 0.00	22.99 1.18 0.00	16.79 1.03 0.00	15.46 0.95 0.00	19.27 0.86 0.00
BRADY___115KV_TB2 356060	17.28 0.16 0.00	16.15 0.12 0.00	15.34 0.08 0.00	14.78 0.03 0.00	11.94 -0.05 0.00	14.46 -0.13 0.00	10.00 -0.11 0.00	14.48 -0.20 0.00	18.01 -0.23 -2.06	14.01 -0.17 -1.52	13.90 -0.17 0.00	10.62 -0.15 0.00	16.95 -0.13 -1.84	17.56 -0.12 -2.23	16.56 -0.12 -2.19	9.77 -0.09 -1.81	-2.55 -0.05 15.62	7.43 -0.02 8.03	14.54 0.02 2.82	22.75 0.11 -2.52	24.53 0.10 -2.62	-0.44 -0.16 16.04	-1.64 -0.13 16.01	20.63 0.03 -2.19
BRANSCOMB___SOLAR 323811	17.68 0.56 0.00	16.59 0.55 0.00	15.85 0.59 0.00	15.36 0.60 0.00	12.56 0.56 -0.01	15.25 0.67 0.00	12.42 0.50 -1.81	15.39 0.70 0.00	16.89 0.72 0.00	13.20 0.54 0.00	14.63 0.56 0.00	11.21 0.45 0.00	15.80 0.56 0.00	16.11 0.66 0.00	15.10 0.61 0.00	11.02 0.37 -2.59	13.74 0.62 0.00	16.23 0.75 0.00	18.19 0.85 0.00	21.07 0.94 0.00	22.79 0.97 0.00	16.56 0.81 0.00	15.24 0.73 0.00	19.02 0.61 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	18.44 1.32 0.00	17.29 1.25 0.00	16.48 1.21 0.00	15.95 1.20 0.00	13.03 1.04 -0.01	15.82 1.24 0.00	12.45 0.89 -1.45	16.11 1.42 0.00	17.63 1.45 0.00	13.82 1.16 0.00	15.54 1.46 0.00	12.19 1.16 -0.26	16.75 1.51 0.00	17.01 1.47 -0.08	16.69 1.53 -0.67	10.99 0.85 -2.08	14.33 1.21 0.00	16.76 1.28 0.00	18.67 1.33 0.00	21.54 1.42 0.00	23.49 1.68 0.00	17.22 1.46 0.00	15.98 1.47 0.00	19.79 1.38 0.00

BRISTLHL_115KV_TB1 79998	16.60 -0.52 0.00	15.58 -0.46 0.00	14.82 -0.44 0.00	14.34 -0.41 0.00	11.68 -0.31 0.00	14.23 -0.35 0.00	9.93 -0.25 -0.07	14.33 -0.36 0.00	15.81 -0.37 0.00	12.36 -0.30 0.00	13.72 -0.36 0.00	10.48 -0.29 0.00	14.77 -0.47 0.00	14.95 -0.51 0.00	14.02 -0.48 0.00	7.88 -0.27 -0.10	12.63 -0.50 0.00	14.90 -0.57 0.00	16.69 -0.65 0.00	19.39 -0.73 0.00	21.07 -0.75 0.00	15.33 -0.43 0.00	14.11 -0.40 0.00	17.95 -0.46 0.00
BROOKHAVEN___DRP 24191	18.41 1.29 0.00	17.25 1.22 0.00	16.47 1.20 0.00	15.94 1.18 0.00	13.02 1.03 -0.01	15.81 1.23 0.00	12.43 0.87 -1.45	16.24 1.55 0.00	17.75 1.57 0.00	13.90 1.24 0.00	15.60 1.53 0.00	12.23 1.20 -0.26	16.79 1.55 0.00	16.97 1.44 -0.07	16.54 1.48 -0.56	10.96 0.83 -2.08	14.31 1.18 0.00	16.67 1.19 0.00	18.58 1.24 0.00	21.41 1.29 0.00	23.45 1.63 0.00	17.23 1.47 0.00	16.00 1.48 0.00	19.82 1.41 0.00
BROOKLYN_NAVY_YARD 23515	18.21 1.09 0.00	17.08 1.04 0.00	16.28 1.02 0.00	15.76 1.01 0.00	12.84 0.85 -0.01	15.66 1.08 0.00	12.36 0.80 -1.45	15.81 1.12 0.00	17.42 1.24 0.00	13.63 0.97 0.00	16.29 1.15 -1.07	15.36 0.93 -3.67	16.80 1.25 -0.32	23.15 1.31 -6.39	18.21 1.25 -2.46	16.73 0.71 -7.97	17.01 1.05 -2.84	17.04 1.23 -0.34	18.70 1.36 0.00	21.60 1.47 -0.01	23.40 1.59 0.00	17.11 1.33 -0.02	15.73 1.22 0.00	19.52 1.11 0.00
BROOKLYN___ARMY_DRP 323595	18.25 1.14 0.00	17.11 1.08 0.00	16.32 1.05 0.00	15.79 1.04 0.00	12.88 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.40 0.94 -3.70	16.84 1.28 -0.31	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.49 0.00	23.43 1.62 0.00	17.12 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
BROOKVLE_69_KV_TB1 55790	18.26 1.14 0.00	17.12 1.09 0.00	16.33 1.06 0.00	15.80 1.05 0.00	12.91 0.91 -0.01	15.69 1.10 0.00	12.37 0.81 -1.45	15.90 1.21 0.00	17.46 1.28 0.00	13.69 1.03 0.00	15.33 1.26 0.00	12.03 1.00 -0.26	16.56 1.32 0.00	17.15 1.35 -0.34	18.49 1.37 -2.63	10.90 0.76 -2.08	14.22 1.10 0.00	16.69 1.22 0.00	18.65 1.31 0.00	21.53 1.41 0.00	23.39 1.58 0.00	17.10 1.34 0.00	15.80 1.29 0.00	19.60 1.18 0.00
BROOME_2_LFGE 323671	16.87 -0.25 0.00	15.86 -0.18 0.00	15.12 -0.14 0.00	14.63 -0.13 0.00	11.92 -0.07 0.00	14.56 -0.02 0.00	10.34 -0.01 -0.24	14.67 -0.01 0.00	16.20 0.02 0.00	12.64 -0.02 0.00	14.02 -0.05 0.00	10.70 -0.06 0.00	15.14 -0.09 0.00	15.32 -0.13 0.00	14.37 -0.12 0.00	8.31 -0.09 -0.34	12.90 -0.22 0.00	15.21 -0.27 0.00	16.97 -0.37 0.00	19.74 -0.38 0.00	21.46 -0.35 0.00	15.70 -0.06 0.00	14.43 -0.08 0.00	18.31 -0.11 0.00
BROOME___LFGE 323600	16.87 -0.25 0.00	15.86 -0.18 0.00	15.12 -0.14 0.00	14.63 -0.13 0.00	11.92 -0.07 0.00	14.56 -0.02 0.00	10.34 -0.01 -0.24	14.67 -0.01 0.00	16.20 0.02 0.00	12.64 -0.02 0.00	14.02 -0.05 0.00	10.70 -0.06 0.00	15.14 -0.09 0.00	15.32 -0.13 0.00	14.37 -0.12 0.00	8.31 -0.09 -0.34	12.90 -0.22 0.00	15.21 -0.27 0.00	16.97 -0.37 0.00	19.74 -0.38 0.00	21.46 -0.35 0.00	15.70 -0.06 0.00	14.43 -0.08 0.00	18.31 -0.11 0.00
BROWNFLS_115KV_TB 3_5 80003	16.67 -0.44 0.00	15.60 -0.43 0.00	14.78 -0.48 0.00	14.27 -0.49 0.00	11.54 -0.44 0.00	13.98 -0.60 0.00	9.70 -0.41 0.00	14.02 -0.67 0.00	18.49 -0.79 -3.10	14.34 -0.61 -2.28	13.43 -0.64 0.00	10.27 -0.50 0.00	17.38 -0.63 -2.77	18.12 -0.69 -3.35	17.14 -0.65 -3.29	10.37 -0.41 -2.72	4.34 -0.61 8.17	11.58 -0.69 3.20	16.83 -0.74 -0.23	23.14 -0.78 -3.79	24.90 -0.85 -3.94	6.44 -0.73 8.59	4.72 -0.66 9.13	21.01 -0.71 -3.30
BROWNSV1_27_KV_LOAD 356125	18.37 1.25 0.00	17.23 1.20 0.00	16.42 1.16 0.00	15.89 1.14 0.00	12.96 0.96 -0.01	15.79 1.21 0.00	12.45 0.89 -1.45	15.95 1.27 0.00	17.57 1.39 0.00	13.76 1.09 0.00	16.44 1.29 -1.07	15.47 1.04 -3.67	16.96 1.41 -0.31	23.29 1.45 -6.38	18.34 1.39 -2.46	16.80 0.78 -7.97	17.14 1.18 -2.84	17.18 1.37 -0.33	18.85 1.51 0.00	21.77 1.66 0.00	23.61 1.79 0.00	17.26 1.49 -0.02	15.87 1.36 0.00	19.70 1.29 0.00
BURROWS___LYONSDAL 23803	16.86 -0.26 0.00	15.79 -0.25 0.00	14.97 -0.30 0.00	14.47 -0.29 0.00	11.75 -0.23 0.00	14.31 -0.27 0.00	10.00 -0.13 -0.02	14.48 -0.21 0.00	16.78 -0.28 -0.87	13.09 -0.21 -0.64	13.82 -0.25 0.00	10.56 -0.21 0.00	15.72 -0.30 -0.78	16.04 -0.36 -0.95	15.10 -0.33 -0.93	8.66 -0.19 -0.80	11.23 -0.28 1.61	14.67 -0.31 0.50	17.28 -0.33 -0.27	20.85 -0.34 -1.07	22.56 -0.36 -1.11	13.77 -0.27 1.72	12.33 -0.28 1.90	18.95 -0.39 -0.93
CAITHNESS_CC_1 323624	18.40 1.28 0.00	17.25 1.21 0.00	16.46 1.20 0.00	15.93 1.18 0.00	13.02 1.02 -0.01	15.80 1.22 0.00	12.43 0.87 -1.45	16.21 1.52 0.00	17.72 1.54 0.00	13.87 1.21 0.00	15.58 1.51 0.00	12.21 1.19 -0.26	16.77 1.53 0.00	16.96 1.43 -0.07	16.53 1.47 -0.56	10.96 0.82 -2.08	14.30 1.18 0.00	16.67 1.20 0.00	18.59 1.24 0.00	21.43 1.31 0.00	23.43 1.62 0.00	17.21 1.45 0.00	15.98 1.47 0.00	19.80 1.38 0.00
CALPINE BETH_PAGE_GT4 24209	18.27 1.16 0.00	17.13 1.10 0.00	16.33 1.07 0.00	15.81 1.05 0.00	12.92 0.92 -0.01	15.69 1.10 0.00	12.36 0.80 -1.45	15.93 1.24 0.00	17.46 1.28 0.00	13.69 1.03 0.00	15.37 1.30 0.00	12.06 1.04 -0.26	16.57 1.33 0.00	17.06 1.34 -0.26	17.93 1.40 -2.04	10.91 0.78 -2.08	14.23 1.11 0.00	16.66 1.18 0.00	18.58 1.24 0.00	21.45 1.33 0.00	23.33 1.52 0.00	17.09 1.33 0.00	15.83 1.32 0.00	19.60 1.18 0.00
CALPINE_BETH_PAGE_GT_4 323586	18.27 1.16 0.00	17.13 1.10 0.00	16.33 1.06 0.00	15.81 1.05 0.00	12.92 0.92 -0.01	15.69 1.10 0.00	12.36 0.80 -1.45	15.93 1.24 0.00	17.46 1.28 0.00	13.69 1.03 0.00	15.37 1.30 0.00	12.06 1.04 -0.26	16.56 1.33 0.00	17.06 1.34 -0.26	17.92 1.39 -2.04	10.91 0.77 -2.09	14.23 1.11 0.00	16.66 1.18 0.00	18.58 1.24 0.00	21.45 1.33 0.00	23.33 1.52 0.00	17.09 1.33 0.00	15.83 1.32 0.00	19.60 1.18 0.00
CALPINE_BP_GT1 23823	18.27 1.16 0.00	17.13 1.10 0.00	16.33 1.06 0.00	15.81 1.05 0.00	12.92 0.92 -0.01	15.69 1.10 0.00	12.36 0.80 -1.45	15.93 1.24 0.00	17.46 1.28 0.00	13.69 1.03 0.00	15.37 1.30 0.00	12.06 1.04 -0.26	16.56 1.33 0.00	17.06 1.34 -0.26	17.92 1.39 -2.04	10.91 0.77 -2.09	14.23 1.11 0.00	16.66 1.18 0.00	18.58 1.24 0.00	21.45 1.33 0.00	23.33 1.52 0.00	17.09 1.33 0.00	15.83 1.32 0.00	19.60 1.18 0.00
CALSPAN___DRP 24200	15.92 -1.20 0.00	15.04 -1.00 0.00	14.22 -1.05 0.00	13.80 -0.97 0.00	11.22 -0.77 0.00	13.76 -0.83 0.00	9.68 -0.56 -0.13	13.77 -0.92 0.00	15.21 -0.97 0.00	11.80 -0.86 0.00	13.03 -1.04 0.00	9.86 -0.91 0.00	13.88 -1.36 0.00	13.97 -1.49 0.00	13.06 -1.43 0.00	7.40 -0.85 -0.19	11.28 -1.53 0.31	13.77 -1.71 0.00	15.53 -1.82 0.00	18.22 -1.90 0.00	20.00 -1.81 0.00	14.89 -0.87 0.00	13.73 -0.78 0.00	17.69 -0.72 0.00

CHESTROR_138KV_BK263 355645	17.80 0.68 0.00	16.69 0.66 0.00	15.92 0.66 0.00	15.42 0.66 0.00	12.58 0.59 -0.01	15.32 0.74 0.00	11.95 0.55 -1.29	15.47 0.78 0.00	17.02 0.84 0.00	13.32 0.66 0.00	14.84 0.77 0.00	11.40 0.63 0.00	16.08 0.85 0.00	16.36 0.90 0.00	15.36 0.86 0.00	10.39 0.49 -1.84	13.82 0.70 0.00	16.29 0.81 0.00	18.25 0.90 0.00	21.08 0.95 0.00	22.84 1.03 0.00	16.67 0.91 0.00	15.34 0.83 0.00	19.16 0.75 0.00
CH_MIDHUDSON___DRP 24192	18.17 1.06 0.00	17.05 1.01 0.00	16.26 1.00 0.00	15.75 0.99 0.00	12.86 0.86 -0.01	15.66 1.08 0.00	12.34 0.79 -1.44	15.82 1.14 0.00	17.41 1.23 0.00	13.62 0.96 0.00	15.18 1.10 0.00	11.64 0.88 0.00	16.44 1.20 0.00	16.73 1.28 0.00	15.73 1.23 0.00	10.82 0.70 -2.06	14.17 1.05 0.00	16.71 1.23 0.00	18.72 1.39 0.00	21.64 1.52 0.00	23.45 1.64 0.00	17.10 1.34 0.00	15.72 1.21 0.00	19.59 1.18 0.00
CH_MISC_IPPS 23765	18.15 1.03 0.00	17.02 0.98 0.00	16.23 0.97 0.00	15.72 0.96 0.00	12.83 0.83 -0.01	15.63 1.05 0.00	12.30 0.77 -1.42	15.80 1.11 0.00	17.38 1.21 0.00	13.61 0.95 0.00	15.16 1.09 0.00	11.63 0.86 0.00	16.42 1.19 0.00	16.72 1.26 0.00	15.71 1.21 0.00	10.78 0.68 -2.03	14.14 1.02 0.00	16.68 1.20 0.00	18.69 1.35 0.00	21.60 1.48 0.00	23.41 1.60 0.00	17.07 1.31 0.00	15.70 1.18 0.00	19.57 1.16 0.00
CH_RES_BVR_FALLS 23983	16.85 -0.27 0.00	15.75 -0.28 0.00	14.93 -0.33 0.00	14.43 -0.33 0.00	11.68 -0.31 0.00	14.14 -0.44 0.00	9.82 -0.29 0.00	14.26 -0.42 0.00	15.73 -0.45 0.00	12.36 -0.30 0.00	13.73 -0.34 0.00	10.47 -0.29 0.00	14.84 -0.39 0.00	15.04 -0.42 0.00	14.09 -0.41 0.00	7.82 -0.24 0.00	-15.43 -0.33 28.22	-1.28 -0.39 16.36	8.67 -0.44 8.23	19.67 -0.45 0.00	21.30 -0.51 0.00	-13.36 -0.50 28.63	-13.51 -0.47 27.55	17.92 -0.49 0.00
CH_RES_NIAGARA 23895	15.50 -1.62 0.00	14.66 -1.38 0.00	13.83 -1.43 0.00	13.42 -1.34 0.00	10.93 -1.06 0.00	13.37 -1.21 0.00	9.41 -0.82 -0.12	13.35 -1.34 0.00	14.74 -1.44 0.00	11.40 -1.26 0.00	12.59 -1.48 0.00	9.51 -1.25 0.00	13.30 -1.94 0.00	13.33 -2.13 0.00	12.48 -2.02 0.00	7.09 -1.15 -0.18	10.86 -2.02 0.24	13.22 -2.26 0.00	14.92 -2.42 0.00	17.52 -2.60 0.00	19.23 -2.58 0.00	14.32 -1.44 0.00	13.21 -1.30 0.00	17.14 -1.28 0.00
CH_RES_SYRACUSE 23985	16.84 -0.28 0.00	15.80 -0.23 0.00	15.05 -0.21 0.00	14.55 -0.20 0.00	11.85 -0.13 0.00	14.44 -0.14 0.00	10.08 -0.11 -0.08	14.55 -0.13 0.00	16.06 -0.11 0.00	12.54 -0.12 0.00	13.93 -0.14 0.00	10.63 -0.14 0.00	15.01 -0.23 0.00	15.19 -0.27 0.00	14.24 -0.25 0.00	8.03 -0.14 -0.12	12.84 -0.29 0.00	15.15 -0.33 0.00	16.97 -0.37 0.00	19.72 -0.41 0.00	21.40 -0.41 0.00	15.57 -0.19 0.00	14.33 -0.18 0.00	18.22 -0.19 0.00
CLINTON_WT_PWR 323605	17.25 0.13 0.00	16.21 0.18 0.00	15.44 0.18 0.00	14.98 0.22 0.00	12.01 0.02 0.00	14.29 -0.29 0.00	9.73 -0.38 0.00	13.86 -0.82 0.00	-17.27 -0.92 32.53	-11.98 -0.69 23.95	13.42 -0.65 0.00	10.29 -0.47 0.00	-14.50 -0.76 28.98	-20.36 -0.74 35.08	-20.65 -0.70 34.44	-20.79 -0.42 28.43	-20.81 -0.58 33.36	-20.59 -0.66 35.41	-20.44 -0.71 37.07	-20.31 -0.77 39.66	-20.25 -0.87 41.20	-15.81 -0.85 30.72	-6.69 -0.67 20.54	-16.96 -0.81 34.56
CLINTON___LFGE 323618	17.50 0.39 0.00	16.48 0.44 0.00	15.71 0.45 0.00	15.24 0.48 0.00	12.20 0.21 0.00	14.46 -0.13 0.00	9.78 -0.33 0.00	13.89 -0.79 0.00	-17.99 -0.90 33.27	-12.52 -0.69 24.49	13.44 -0.63 0.00	10.35 -0.42 0.00	-15.12 -0.71 29.65	-21.08 -0.66 35.88	-21.34 -0.60 35.23	-21.38 -0.36 29.08	-20.94 -0.48 33.59	-20.98 -0.55 35.91	-20.95 -0.53 37.76	-20.99 -0.55 40.56	-20.96 -0.63 42.14	-15.90 -0.77 30.89	-6.57 -0.59 20.49	-17.64 -0.70 35.35
COBBLENY_34_KV_TB1 80064	16.07 -1.04 0.00	15.18 -0.86 0.00	14.35 -0.91 0.00	13.93 -0.83 0.00	11.33 -0.66 0.00	13.90 -0.68 0.00	9.78 -0.47 -0.14	13.92 -0.76 0.00	15.40 -0.78 0.00	11.95 -0.71 0.00	13.21 -0.86 0.00	10.00 -0.76 0.00	14.08 -1.16 0.00	14.17 -1.29 0.00	13.25 -1.25 0.00	7.50 -0.75 -0.20	11.50 -1.37 0.25	13.95 -1.53 0.00	15.73 -1.61 0.00	18.46 -1.66 0.00	20.26 -1.55 0.00	15.07 -0.69 0.00	13.87 -0.64 0.00	17.85 -0.56 0.00
COFFEEN___115KV_TB3 355620	16.33 -0.79 0.00	15.28 -0.75 0.00	14.48 -0.78 0.00	13.99 -0.77 0.00	11.36 -0.62 0.00	13.86 -0.72 0.00	9.71 -0.45 -0.04	14.01 -0.68 0.00	16.56 -0.80 -1.18	12.86 -0.67 -0.87	13.32 -0.75 0.00	10.18 -0.58 0.00	15.44 -0.85 -1.05	15.73 -1.00 -1.28	14.85 -0.90 -1.25	8.63 -0.52 -1.09	9.48 -0.80 2.85	13.50 -0.92 1.06	16.58 -0.93 -0.16	20.59 -0.97 -1.44	22.29 -1.02 -1.50	12.00 -0.76 3.00	10.53 -0.76 3.22	18.71 -0.96 -1.26
COLDSPRG_115KV_BK1 355956	16.36 -0.76 0.00	15.50 -0.54 0.00	14.75 -0.52 0.00	14.35 -0.41 0.00	11.69 -0.30 0.00	14.36 -0.22 0.00	10.10 -0.15 -0.14	14.38 -0.31 0.00	15.85 -0.33 0.00	12.32 -0.35 0.00	13.64 -0.44 0.00	10.35 -0.41 0.00	14.63 -0.61 0.00	14.75 -0.71 0.00	13.77 -0.73 0.00	7.78 -0.48 -0.21	12.03 -0.95 0.14	14.41 -1.07 0.00	16.19 -1.15 0.00	18.95 -1.16 0.00	20.81 -1.00 0.00	15.53 -0.23 0.00	14.31 -0.20 0.00	18.33 -0.09 0.00
COLONIE_LFGE___ 323577	17.59 0.48 0.00	16.52 0.49 0.00	15.78 0.51 0.00	15.29 0.53 0.00	12.51 0.52 -0.01	15.20 0.62 0.00	12.35 0.45 -1.79	15.30 0.61 0.00	16.80 0.62 0.00	13.13 0.47 0.00	14.55 0.48 0.00	11.17 0.41 0.00	15.74 0.50 0.00	16.04 0.59 0.00	15.03 0.54 0.00	10.97 0.34 -2.57	13.65 0.53 0.00	16.10 0.62 0.00	18.03 0.69 0.00	20.86 0.74 0.00	22.61 0.80 0.00	16.44 0.68 0.00	15.14 0.63 0.00	18.90 0.49 0.00
COOPERNY_115KV_TB1 80082	17.57 0.45 0.00	16.48 0.44 0.00	15.71 0.45 0.00	15.21 0.45 0.00	12.40 0.41 0.00	15.10 0.52 0.00	11.45 0.39 -0.95	15.24 0.55 0.00	16.78 0.60 0.00	13.13 0.47 0.00	14.62 0.55 0.00	11.22 0.45 0.00	15.84 0.60 0.00	16.09 0.63 0.00	15.10 0.61 0.00	9.76 0.34 -1.36	13.60 0.48 0.00	16.03 0.56 0.00	17.96 0.62 0.00	20.76 0.64 0.00	22.51 0.70 0.00	16.40 0.65 0.00	15.09 0.58 0.00	18.93 0.52 0.00
COPENHAGEN_WT_PWR 323753	16.07 -1.05 0.00	15.04 -0.99 0.00	14.25 -1.01 0.00	13.76 -0.99 0.00	11.18 -0.81 0.00	13.63 -0.95 0.00	9.55 -0.61 -0.04	13.77 -0.92 0.00	16.22 -1.07 -1.12	12.62 -0.86 -0.82	13.11 -0.96 0.00	10.02 -0.75 0.00	15.17 -1.07 -1.00	15.45 -1.21 -1.21	14.57 -1.11 -1.19	8.46 -0.64 -1.04	9.43 -1.00 2.69	13.32 -1.16 1.01	16.27 -1.23 -0.16	20.15 -1.34 -1.37	21.82 -1.42 -1.42	11.89 -1.03 2.83	10.47 -1.01 3.04	18.35 -1.25 -1.19
CORNELL_____ 23752	16.98 -0.14 0.00	15.94 -0.09 0.00	15.18 -0.08 0.00	14.71 -0.05 0.00	11.99 0.00 0.00	14.62 0.04 0.00	10.32 0.03 -0.18	14.76 0.07 0.00	16.30 0.12 0.00	12.71 0.05 0.00	14.10 0.03 0.00	10.75 -0.02 0.00	15.18 -0.06 0.00	15.37 -0.09 0.00	14.44 -0.06 0.00	8.27 -0.04 -0.26	13.08 -0.13 -0.09	15.32 -0.16 0.00	17.18 -0.16 0.00	20.00 -0.12 0.00	21.72 -0.09 0.00	15.83 0.07 0.00	14.56 0.05 0.00	18.47 0.06 0.00

DANSKAMMER___4 23591	18.15 1.03 0.00	17.02 0.98 0.00	16.23 0.97 0.00	15.72 0.96 0.00	12.83 0.83 -0.01	15.63 1.05 0.00	12.30 0.77 -1.42	15.80 1.11 0.00	17.38 1.21 0.00	13.61 0.95 0.00	15.16 1.09 0.00	11.63 0.86 0.00	16.42 1.19 0.00	16.72 1.26 0.00	15.71 1.21 0.00	10.78 0.68 -2.03	14.14 1.02 0.00	16.68 1.20 0.00	18.69 1.35 0.00	21.60 1.48 0.00	23.41 1.60 0.00	17.07 1.31 0.00	15.70 1.18 0.00	19.57 1.16 0.00
DANSKAMMER___DIESEL 23592	18.15 1.03 0.00	17.02 0.99 0.00	16.23 0.97 0.00	15.72 0.96 0.00	12.83 0.83 -0.01	15.63 1.05 0.00	12.30 0.77 -1.42	15.80 1.11 0.00	17.38 1.21 0.00	13.61 0.95 0.00	15.16 1.09 0.00	11.63 0.86 0.00	16.42 1.19 0.00	16.72 1.26 0.00	15.71 1.21 0.00	10.78 0.68 -2.03	14.14 1.02 0.00	16.68 1.20 0.00	18.69 1.35 0.00	21.60 1.48 0.00	23.41 1.60 0.00	17.07 1.31 0.00	15.70 1.18 0.00	19.57 1.15 0.00
DARBY___SOLAR 323810	17.69 0.57 0.00	16.60 0.56 0.00	15.86 0.60 0.00	15.37 0.62 0.00	12.57 0.57 -0.01	15.26 0.67 0.00	12.43 0.51 -1.81	15.40 0.71 0.00	16.91 0.73 0.00	13.21 0.55 0.00	14.65 0.57 0.00	11.22 0.46 0.00	15.81 0.57 0.00	16.13 0.67 0.00	15.11 0.62 0.00	11.02 0.38 -2.59	13.76 0.63 0.00	16.24 0.76 0.00	18.21 0.87 0.00	21.09 0.96 0.00	22.80 0.99 0.00	16.57 0.82 0.00	15.25 0.74 0.00	19.03 0.62 0.00
DASHVILLE___HYD 23610	18.08 0.97 0.00	16.95 0.92 0.00	16.16 0.90 0.00	15.66 0.91 0.00	12.78 0.78 -0.01	15.56 0.98 0.00	12.29 0.72 -1.47	15.73 1.05 0.00	17.32 1.14 0.00	13.56 0.90 0.00	15.14 1.07 0.00	11.62 0.85 0.00	16.41 1.17 0.00	16.69 1.24 0.00	15.69 1.19 0.00	10.82 0.65 -2.11	14.09 0.97 0.00	16.61 1.13 0.00	18.60 1.26 0.00	21.48 1.36 0.00	23.27 1.46 0.00	16.98 1.23 0.00	15.63 1.12 0.00	19.48 1.07 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	18.44 1.32 0.00	17.28 1.25 0.00	16.50 1.24 0.00	15.97 1.21 0.00	13.05 1.05 -0.01	15.85 1.26 0.00	12.46 0.90 -1.45	16.32 1.63 0.00	17.84 1.66 0.00	13.96 1.30 0.00	15.65 1.58 0.00	12.25 1.23 -0.26	16.82 1.58 0.00	16.98 1.45 -0.07	16.55 1.49 -0.57	10.97 0.83 -2.08	14.34 1.22 0.00	16.72 1.24 0.00	18.65 1.31 0.00	21.50 1.38 0.00	23.57 1.76 0.00	17.32 1.56 0.00	16.07 1.56 0.00	19.91 1.50 0.00
DELAWARE___LFGE 323621	17.33 0.21 0.00	16.24 0.21 0.00	15.47 0.21 0.00	14.99 0.23 0.00	12.21 0.22 0.00	14.88 0.29 0.00	10.64 0.22 -0.31	15.01 0.32 0.00	16.55 0.38 0.00	12.94 0.28 0.00	14.38 0.31 0.00	11.00 0.23 0.00	15.55 0.31 0.00	15.76 0.31 0.00	14.79 0.30 0.00	8.67 0.16 -0.45	13.33 0.20 0.00	15.73 0.25 0.00	17.60 0.26 0.00	20.41 0.29 0.00	22.15 0.34 0.00	16.11 0.35 0.00	14.82 0.31 0.00	18.72 0.31 0.00
DERFIELD_115KV_TB7 355931	17.16 0.04 0.00	16.08 0.05 0.00	15.31 0.05 0.00	14.82 0.06 0.00	12.06 0.07 0.00	14.68 0.09 0.00	10.18 0.07 0.00	14.79 0.10 0.00	16.29 0.11 0.00	12.74 0.09 0.00	14.16 0.09 0.00	10.84 0.08 0.00	15.33 0.09 0.00	15.55 0.09 0.00	14.60 0.10 0.00	8.11 0.06 0.00	14.09 0.07 -0.90	16.07 0.08 -0.52	17.69 0.09 -0.26	20.20 0.08 0.00	21.90 0.09 0.00	16.78 0.11 -0.91	15.48 0.10 -0.87	18.47 0.05 0.00
DOGLEVILLE___HYD 23807	16.80 -0.32 0.00	15.73 -0.31 0.00	15.02 -0.24 0.00	14.56 -0.20 0.00	11.94 -0.05 0.00	14.55 -0.03 0.00	10.09 -0.02 0.00	14.66 -0.03 0.00	16.08 -0.10 0.00	12.56 -0.10 0.00	13.94 -0.14 0.00	10.70 -0.07 0.00	15.08 -0.16 0.00	15.31 -0.15 0.00	14.38 -0.11 0.00	8.01 -0.04 0.00	13.92 -0.10 -0.90	15.87 -0.13 -0.52	17.48 -0.13 -0.26	19.92 -0.20 0.00	21.59 -0.22 0.00	16.64 -0.02 -0.91	15.35 -0.04 -0.87	18.07 -0.34 0.00
DUNKIRK___115KV_TB_200 55889	15.89 -1.22 0.00	15.02 -1.02 0.00	14.27 -1.00 0.00	13.87 -0.89 0.00	11.29 -0.69 0.00	13.85 -0.73 0.00	9.74 -0.51 -0.14	13.86 -0.83 0.00	15.30 -0.88 0.00	11.87 -0.79 0.00	13.12 -0.96 0.00	9.94 -0.82 0.00	14.05 -1.18 0.00	14.15 -1.31 0.00	13.21 -1.28 0.00	7.47 -0.79 -0.19	11.40 -1.45 0.28	13.83 -1.64 0.00	15.58 -1.76 0.00	18.28 -1.84 0.00	20.07 -1.74 0.00	15.00 -0.76 0.00	13.84 -0.68 0.00	17.78 -0.63 0.00
DUNKIRK___1 23563	15.89 -1.22 0.00	15.02 -1.02 0.00	14.27 -1.00 0.00	13.87 -0.89 0.00	11.29 -0.69 0.00	13.85 -0.73 0.00	9.74 -0.51 -0.14	13.86 -0.83 0.00	15.30 -0.88 0.00	11.87 -0.79 0.00	13.12 -0.96 0.00	9.94 -0.82 0.00	14.05 -1.18 0.00	14.15 -1.31 0.00	13.21 -1.28 0.00	7.47 -0.79 -0.19	11.40 -1.45 0.28	13.83 -1.64 0.00	15.58 -1.76 0.00	18.28 -1.84 0.00	20.07 -1.74 0.00	15.00 -0.76 0.00	13.84 -0.68 0.00	17.78 -0.63 0.00
DUNKIRK___2 23564	15.89 -1.22 0.00	15.02 -1.02 0.00	14.27 -1.00 0.00	13.87 -0.89 0.00	11.29 -0.69 0.00	13.85 -0.73 0.00	9.74 -0.51 -0.14	13.86 -0.83 0.00	15.30 -0.88 0.00	11.87 -0.79 0.00	13.12 -0.96 0.00	9.94 -0.82 0.00	14.05 -1.18 0.00	14.15 -1.31 0.00	13.21 -1.28 0.00	7.47 -0.79 -0.19	11.40 -1.45 0.28	13.83 -1.64 0.00	15.58 -1.76 0.00	18.28 -1.84 0.00	20.07 -1.74 0.00	15.00 -0.76 0.00	13.84 -0.68 0.00	17.78 -0.63 0.00
DUNKIRK___3 23565	15.91 -1.21 0.00	15.05 -0.99 0.00	14.27 -0.99 0.00	13.86 -0.90 0.00	11.29 -0.70 0.00	13.84 -0.74 0.00	9.73 -0.51 -0.14	13.85 -0.84 0.00	15.30 -0.88 0.00	11.87 -0.79 0.00	13.12 -0.96 0.00	9.94 -0.82 0.00	14.04 -1.20 0.00	14.13 -1.32 0.00	13.21 -1.29 0.00	7.47 -0.78 -0.19	11.39 -1.43 0.30	13.86 -1.62 0.00	15.61 -1.74 0.00	18.30 -1.82 0.00	20.08 -1.73 0.00	14.98 -0.78 0.00	13.81 -0.70 0.00	17.76 -0.65 0.00
DUNKIRK___4 23566	15.91 -1.21 0.00	15.05 -0.99 0.00	14.27 -0.99 0.00	13.86 -0.90 0.00	11.29 -0.70 0.00	13.84 -0.74 0.00	9.73 -0.51 -0.14	13.85 -0.84 0.00	15.30 -0.88 0.00	11.87 -0.79 0.00	13.12 -0.96 0.00	9.94 -0.82 0.00	14.04 -1.20 0.00	14.13 -1.32 0.00	13.21 -1.29 0.00	7.47 -0.78 -0.19	11.39 -1.43 0.30	13.86 -1.62 0.00	15.61 -1.74 0.00	18.30 -1.82 0.00	20.08 -1.73 0.00	14.98 -0.78 0.00	13.81 -0.70 0.00	17.76 -0.65 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.12 1.00 0.00	17.00 0.97 0.00	16.22 0.96 0.00	15.70 0.95 0.00	12.81 0.82 -0.01	15.60 1.02 0.00	12.31 0.75 -1.45	15.77 1.08 0.00	17.35 1.17 0.00	13.58 0.92 0.00	15.15 1.08 0.00	11.64 0.87 0.00	16.41 1.17 0.00	16.67 1.22 0.00	15.66 1.17 0.00	10.80 0.66 -2.08	14.11 0.99 0.00	16.61 1.14 0.00	18.59 1.25 0.00	21.47 1.35 0.00	23.27 1.46 0.00	16.99 1.23 0.00	15.65 1.13 0.00	19.45 1.04 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	17.96 0.84 0.00	16.84 0.81 0.00	16.06 0.80 0.00	15.56 0.80 0.00	12.69 0.70 -0.01	15.46 0.88 0.00	12.12 0.65 -1.36	15.62 0.93 0.00	17.19 1.01 0.00	13.46 0.79 0.00	15.00 0.92 0.00	11.51 0.74 0.00	16.25 1.01 0.00	16.53 1.07 0.00	15.53 1.04 0.00	10.59 0.58 -1.96	13.97 0.85 0.00	16.48 1.00 0.00	18.45 1.11 0.00	21.32 1.20 0.00	23.11 1.30 0.00	16.85 1.10 0.00	15.51 1.00 0.00	19.35 0.94 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	18.22 1.10 0.00	17.08 1.05 0.00	16.28 1.02 0.00	15.77 1.01 0.00	12.86 0.86 -0.01	15.67 1.08 0.00	12.37 0.80 -1.45	15.82 1.13 0.00	17.42 1.25 0.00	13.64 0.98 0.00	16.28 1.13 -1.08	15.36 0.90 -3.70	16.77 1.22 -0.31	23.12 1.22 -6.45	18.14 1.16 -2.48	16.74 0.66 -8.03	17.01 1.03 -2.87	17.01 1.20 -0.34	18.69 1.35 0.00	21.58 1.46 0.00	23.40 1.59 0.00	17.08 1.31 -0.02	15.73 1.21 0.00	19.52 1.11 0.00
E179THST_13_KV_LOAD 356214	18.29 1.17 0.00	17.14 1.10 0.00	16.34 1.08 0.00	15.82 1.06 0.00	12.90 0.90 -0.01	15.71 1.13 0.00	12.40 0.84 -1.45	15.87 1.18 0.00	17.49 1.31 0.00	13.69 1.02 0.00	16.34 1.19 -1.08	15.40 0.94 -3.70	16.84 1.28 -0.31	23.19 1.29 -6.45	18.20 1.23 -2.48	16.78 0.70 -8.03	17.07 1.08 -2.87	17.08 1.26 -0.34	18.76 1.42 0.00	21.67 1.55 0.00	23.50 1.69 0.00	17.15 1.38 -0.02	15.79 1.28 0.00	19.60 1.19 0.00
EAST HAMPTON___GT 23717	18.37 1.25 0.00	17.21 1.17 0.00	16.43 1.17 0.00	15.90 1.15 0.00	12.99 1.00 -0.01	15.78 1.20 0.00	12.42 0.86 -1.45	16.26 1.57 0.00	17.77 1.59 0.00	13.91 1.25 0.00	15.59 1.51 0.00	12.19 1.17 -0.26	16.73 1.50 0.00	16.90 1.37 -0.07	16.47 1.41 -0.57	10.94 0.80 -2.08	14.29 1.17 0.00	16.67 1.19 0.00	18.61 1.27 0.00	21.46 1.34 0.00	23.52 1.70 0.00	17.28 1.52 0.00	16.02 1.51 0.00	19.84 1.43 0.00
EAST RIVER___6 23660	18.29 1.18 0.00	17.16 1.12 0.00	16.36 1.09 0.00	15.84 1.08 0.00	12.90 0.91 -0.01	15.73 1.15 0.00	12.41 0.85 -1.45	15.89 1.20 0.00	17.50 1.32 0.00	13.70 1.04 0.00	16.37 1.23 -1.07	15.41 0.99 -3.66	16.89 1.34 -0.32	23.21 1.38 -6.37	18.26 1.32 -2.45	16.75 0.74 -7.96	17.07 1.12 -2.83	17.12 1.30 -0.34	18.77 1.43 0.00	21.69 1.56 -0.01	23.50 1.69 0.00	17.18 1.40 -0.02	15.79 1.28 0.00	19.60 1.19 0.00
EAST RIVER___7 23524	18.29 1.18 0.00	17.16 1.12 0.00	16.36 1.09 0.00	15.84 1.08 0.00	12.90 0.91 -0.01	15.73 1.15 0.00	12.41 0.85 -1.45	15.89 1.20 0.00	17.50 1.32 0.00	13.70 1.04 0.00	16.37 1.23 -1.07	15.41 0.99 -3.66	16.89 1.34 -0.32	23.21 1.38 -6.37	18.26 1.32 -2.45	16.75 0.74 -7.96	17.07 1.12 -2.83	17.12 1.30 -0.34	18.77 1.43 0.00	21.69 1.56 -0.01	23.50 1.69 0.00	17.18 1.40 -0.02	15.79 1.28 0.00	19.60 1.19 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.08 0.96 0.00	16.96 0.93 0.00	16.18 0.92 0.00	15.67 0.91 0.00	12.78 0.79 -0.01	15.57 0.98 0.00	12.28 0.73 -1.45	15.73 1.04 0.00	17.30 1.13 0.00	13.54 0.88 0.00	15.11 1.04 0.00	11.60 0.84 0.00	16.36 1.13 0.00	16.63 1.17 0.00	15.62 1.13 0.00	10.77 0.64 -2.08	14.07 0.95 0.00	16.57 1.10 0.00	18.55 1.21 0.00	21.42 1.30 0.00	23.21 1.40 0.00	16.95 1.19 0.00	15.61 1.10 0.00	19.41 1.00 0.00
EAST_HAMPTON___DIESEL 23722	18.33 1.22 0.00	17.18 1.14 0.00	16.40 1.14 0.00	15.88 1.12 0.00	12.97 0.97 -0.01	15.75 1.17 0.00	12.40 0.84 -1.45	16.23 1.54 0.00	17.74 1.56 0.00	13.88 1.22 0.00	15.56 1.49 0.00	12.17 1.15 -0.26	16.70 1.47 0.00	16.87 1.34 -0.07	16.44 1.38 -0.57	10.92 0.78 -2.08	14.27 1.15 0.00	16.64 1.16 0.00	18.58 1.24 0.00	21.42 1.30 0.00	23.47 1.66 0.00	17.25 1.49 0.00	16.00 1.49 0.00	19.80 1.39 0.00
EAST_POINT___SOLAR 323840	17.82 0.70 0.00	16.62 0.58 0.00	15.76 0.49 0.00	15.25 0.49 0.00	12.37 0.37 -0.01	15.07 0.48 0.00	12.45 0.33 -2.01	15.18 0.50 0.00	16.75 0.57 0.00	13.08 0.42 0.00	14.53 0.46 0.00	11.07 0.30 0.00	15.67 0.44 0.00	15.86 0.41 0.00	14.89 0.39 0.00	11.14 0.20 -2.88	13.48 0.36 0.00	15.95 0.47 0.00	17.88 0.54 0.00	20.83 0.71 0.00	22.61 0.80 0.00	16.30 0.54 0.00	14.95 0.44 0.00	19.12 0.71 0.00
EAST_PULASKI___ESR 323781	16.52 -0.60 0.00	15.50 -0.54 0.00	14.74 -0.53 0.00	14.25 -0.51 0.00	11.60 -0.39 0.00	14.12 -0.46 0.00	9.86 -0.31 -0.06	14.22 -0.47 0.00	15.68 -0.50 0.00	12.26 -0.40 0.00	13.62 -0.45 0.00	10.39 -0.37 0.00	14.67 -0.57 0.00	14.82 -0.64 0.00	13.91 -0.59 0.00	7.80 -0.34 -0.09	11.40 -0.59 1.13	14.14 -0.69 0.66	16.26 -0.75 0.33	19.29 -0.83 0.00	20.97 -0.84 0.00	14.10 -0.51 1.15	12.91 -0.50 1.10	17.82 -0.58 0.00
EAST_RIVER___1 323558	18.25 1.13 0.00	17.12 1.08 0.00	16.32 1.06 0.00	15.80 1.05 0.00	12.88 0.89 -0.01	15.69 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.46 1.28 0.00	13.66 1.00 0.00	16.33 1.19 -1.07	15.38 0.95 -3.66	16.84 1.28 -0.32	23.16 1.33 -6.37	18.22 1.27 -2.45	16.73 0.71 -7.96	17.03 1.07 -2.83	17.06 1.25 -0.34	18.71 1.37 0.00	21.62 1.50 -0.01	23.43 1.62 0.00	17.13 1.36 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
EAST_RIVER___2 323559	18.29 1.18 0.00	17.16 1.12 0.00	16.36 1.09 0.00	15.84 1.08 0.00	12.90 0.91 -0.01	15.73 1.15 0.00	12.41 0.85 -1.45	15.89 1.20 0.00	17.50 1.32 0.00	13.70 1.04 0.00	16.37 1.23 -1.07	15.41 0.99 -3.66	16.89 1.34 -0.32	23.21 1.38 -6.37	18.26 1.32 -2.45	16.75 0.74 -7.96	17.07 1.12 -2.83	17.12 1.30 -0.34	18.77 1.43 0.00	21.69 1.56 -0.01	23.50 1.69 0.00	17.18 1.40 -0.02	15.79 1.28 0.00	19.60 1.19 0.00
EAST___DELAWARE_HYD 23607	18.20 1.09 0.00	17.05 1.02 0.00	16.25 0.99 0.00	15.74 0.98 0.00	12.84 0.84 -0.01	15.66 1.07 0.00	12.12 0.78 -1.23	15.83 1.14 0.00	17.42 1.24 0.00	13.63 0.97 0.00	15.20 1.13 0.00	11.64 0.88 0.00	16.44 1.20 0.00	16.76 1.31 0.00	15.76 1.27 0.00	10.51 0.69 -1.76	14.15 1.03 0.00	16.72 1.24 0.00	18.76 1.42 0.00	21.69 1.57 0.00	23.51 1.70 0.00	17.14 1.38 0.00	15.75 1.24 0.00	19.67 1.26 0.00
EIGHT_POINT___WT_PWR 323820	15.23 -1.89 0.00	14.40 -1.64 0.00	13.72 -1.55 0.00	13.27 -1.49 0.00	10.82 -1.17 0.00	13.27 -1.31 0.00	9.37 -0.90 -0.16	13.37 -1.32 0.00	14.78 -1.40 0.00	11.50 -1.16 0.00	12.71 -1.36 0.00	9.65 -1.12 0.00	13.69 -1.55 0.00	13.82 -1.64 0.00	12.93 -1.56 0.00	7.36 -0.93 -0.23	12.49 -1.65 -1.01	13.55 -1.94 0.00	15.26 -2.08 0.00	17.89 -2.24 0.00	19.56 -2.26 0.00	14.48 -1.28 0.00	13.38 -1.13 0.00	17.18 -1.23 0.00
ELBRIDGE_115KV_TB2 80188	16.75 -0.37 0.00	15.72 -0.31 0.00	14.96 -0.30 0.00	14.49 -0.27 0.00	11.80 -0.19 0.00	14.37 -0.21 0.00	10.04 -0.16 -0.09	14.49 -0.20 0.00	15.99 -0.19 0.00	12.47 -0.19 0.00	13.86 -0.21 0.00	10.57 -0.20 0.00	14.92 -0.32 0.00	15.10 -0.36 0.00	14.16 -0.34 0.00	7.98 -0.20 -0.12	12.75 -0.38 0.00	15.04 -0.44 0.00	16.86 -0.48 0.00	19.59 -0.52 0.00	21.25 -0.56 0.00	15.48 -0.28 0.00	14.25 -0.26 0.00	18.11 -0.30 0.00
ELEC_TRO_TEK 24086	18.17 1.05 0.00	17.04 1.01 0.00	16.25 0.99 0.00	15.73 0.97 0.00	12.85 0.85 -0.01	15.61 1.03 0.00	12.31 0.75 -1.45	15.84 1.15 0.00	17.36 1.18 0.00	13.62 0.96 0.00	15.27 1.20 0.00	11.99 0.96 -0.26	16.48 1.24 0.00	17.25 1.27 -0.53	19.90 1.30 -4.11	10.86 0.72 -2.09	14.15 1.03 0.00	16.58 1.10 0.00	18.51 1.17 0.00	21.36 1.24 0.00	23.22 1.41 0.00	17.00 1.24 0.00	15.73 1.22 0.00	19.49 1.07 0.00

ELLENBURG_WT_PWR 323604	17.25 0.13 0.00	16.21 0.18 0.00	15.44 0.18 0.00	14.98 0.22 0.00	12.01 0.02 0.00	14.29 -0.29 0.00	9.73 -0.38 0.00	13.86 -0.82 0.00	-17.27 -0.92 32.53	-11.98 -0.69 23.95	13.42 -0.65 0.00	10.29 -0.47 0.00	-14.50 -0.76 28.98	-20.36 -0.74 35.08	-20.65 -0.70 34.44	-20.79 -0.42 28.43	-20.81 -0.58 33.36	-20.59 -0.66 35.41	-20.44 -0.71 37.07	-20.31 -0.77 39.66	-20.25 -0.87 41.20	-15.81 -0.85 30.72	-6.69 -0.67 20.54	-16.96 -0.81 34.56
ELM_ST_23_KV_LD_REV_LBMP_A 345012	15.84 -1.28 0.00	14.97 -1.06 0.00	14.15 -1.11 0.00	13.73 -1.03 0.00	11.17 -0.81 0.00	13.69 -0.89 0.00	9.63 -0.61 -0.13	13.69 -1.00 0.00	15.12 -1.06 0.00	11.72 -0.94 0.00	12.95 -1.12 0.00	9.80 -0.97 0.00	13.78 -1.46 0.00	13.86 -1.59 0.00	12.97 -1.52 0.00	7.35 -0.89 -0.18	11.19 -1.60 0.33	13.68 -1.80 0.00	15.44 -1.91 0.00	18.11 -2.01 0.00	19.88 -1.94 0.00	14.79 -0.96 0.00	13.64 -0.87 0.00	17.59 -0.82 0.00
EMPIRE_CC_1 323656	17.57 0.45 0.00	16.51 0.47 0.00	15.76 0.50 0.00	15.28 0.52 0.00	12.49 0.49 -0.01	15.18 0.60 0.00	12.28 0.43 -1.74	15.27 0.58 0.00	16.77 0.59 0.00	13.11 0.45 0.00	14.56 0.48 0.00	11.18 0.41 0.00	15.76 0.52 0.00	16.04 0.59 0.00	15.06 0.56 0.00	10.90 0.34 -2.50	13.63 0.50 0.00	16.06 0.58 0.00	17.98 0.64 0.00	20.80 0.68 0.00	22.55 0.74 0.00	16.40 0.64 0.00	15.10 0.59 0.00	18.89 0.48 0.00
EMPIRE_CC_2 323658	17.57 0.45 0.00	16.51 0.47 0.00	15.76 0.50 0.00	15.28 0.52 0.00	12.49 0.49 -0.01	15.18 0.60 0.00	12.28 0.43 -1.74	15.27 0.58 0.00	16.77 0.59 0.00	13.11 0.45 0.00	14.56 0.48 0.00	11.18 0.41 0.00	15.76 0.52 0.00	16.04 0.59 0.00	15.06 0.56 0.00	10.90 0.34 -2.50	13.63 0.50 0.00	16.06 0.58 0.00	17.98 0.64 0.00	20.80 0.68 0.00	22.55 0.74 0.00	16.40 0.64 0.00	15.10 0.59 0.00	18.89 0.48 0.00
ENORWICH_115KV_TB1 80156	17.30 0.18 0.00	16.21 0.18 0.00	15.53 0.26 0.00	15.11 0.35 0.00	12.36 0.37 0.00	15.02 0.44 0.00	10.64 0.30 -0.23	15.14 0.45 0.00	16.74 0.56 0.00	12.98 0.32 0.00	14.41 0.34 0.00	10.91 0.14 0.00	15.44 0.20 0.00	15.64 0.18 0.00	14.68 0.19 0.00	8.49 0.10 -0.33	13.35 0.17 -0.05	15.76 0.28 0.00	17.64 0.30 0.00	20.56 0.44 0.00	22.31 0.50 0.00	16.21 0.45 0.00	14.88 0.37 0.00	18.84 0.42 0.00
ERIE_ST_34_KV_TB1-2 80199	16.15 -0.97 0.00	15.26 -0.77 0.00	14.44 -0.82 0.00	14.00 -0.76 0.00	11.40 -0.59 0.00	13.97 -0.61 0.00	9.83 -0.42 -0.13	13.99 -0.70 0.00	15.47 -0.72 0.00	12.00 -0.66 0.00	13.26 -0.81 0.00	10.04 -0.73 0.00	14.14 -1.10 0.00	14.23 -1.23 0.00	13.31 -1.18 0.00	7.53 -0.71 -0.19	11.55 -1.30 0.27	14.02 -1.46 0.00	15.81 -1.54 0.00	18.55 -1.57 0.00	20.35 -1.47 0.00	15.13 -0.63 0.00	13.93 -0.58 0.00	17.92 -0.50 0.00
ERIE_WT_PWR 323693	15.91 -1.20 0.00	15.05 -0.99 0.00	14.27 -0.99 0.00	13.77 -0.98 0.00	11.24 -0.75 0.00	13.76 -0.82 0.00	9.67 -0.57 -0.13	13.76 -0.92 0.00	15.20 -0.97 0.00	11.80 -0.86 0.00	13.04 -1.04 0.00	9.86 -0.91 0.00	13.88 -1.36 0.00	13.97 -1.48 0.00	13.07 -1.42 0.00	7.41 -0.84 -0.19	11.29 -1.52 0.31	13.77 -1.71 0.00	15.53 -1.82 0.00	18.22 -1.89 0.00	19.99 -1.82 0.00	14.88 -0.88 0.00	13.72 -0.79 0.00	17.69 -0.72 0.00
ESPRGFLD_115KV_TB1 80157	17.61 0.49 0.00	16.43 0.39 0.00	15.59 0.32 0.00	15.09 0.33 0.00	12.24 0.25 0.00	14.92 0.34 0.00	10.38 0.25 -0.03	15.06 0.37 0.00	16.64 0.46 0.00	13.00 0.34 0.00	14.46 0.39 0.00	11.00 0.23 0.00	15.58 0.34 0.00	15.76 0.31 0.00	14.79 0.29 0.00	8.23 0.14 -0.04	13.34 0.21 0.00	15.78 0.30 0.00	17.68 0.33 0.00	20.58 0.46 0.00	22.34 0.53 0.00	16.15 0.39 0.00	14.83 0.32 0.00	18.96 0.54 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	16.98 -0.14 0.00	15.94 -0.09 0.00	15.18 -0.08 0.00	14.71 -0.05 0.00	11.99 0.00 0.00	14.62 0.04 0.00	10.32 0.03 -0.18	14.76 0.07 0.00	16.30 0.12 0.00	12.71 0.05 0.00	14.10 0.03 0.00	10.75 -0.02 0.00	15.18 -0.06 0.00	15.37 -0.09 0.00	14.44 -0.06 0.00	8.27 -0.04 -0.26	13.08 -0.13 -0.09	15.32 -0.16 0.00	17.18 -0.16 0.00	20.00 -0.12 0.00	21.72 -0.09 0.00	15.83 0.07 0.00	14.56 0.05 0.00	18.47 0.06 0.00
ETNA____115KV_TB2 80207	16.98 -0.14 0.00	15.94 -0.09 0.00	15.18 -0.08 0.00	14.71 -0.05 0.00	11.99 0.00 0.00	14.62 0.04 0.00	10.32 0.03 -0.18	14.76 0.07 0.00	16.30 0.12 0.00	12.71 0.05 0.00	14.10 0.03 0.00	10.75 -0.02 0.00	15.18 -0.06 0.00	15.37 -0.09 0.00	14.44 -0.06 0.00	8.27 -0.04 -0.26	13.08 -0.13 -0.09	15.32 -0.16 0.00	17.18 -0.16 0.00	20.00 -0.12 0.00	21.72 -0.09 0.00	15.83 0.07 0.00	14.56 0.05 0.00	18.47 0.06 0.00
EUCLID____115KV_TB2 356179	16.65 -0.46 0.00	15.63 -0.40 0.00	14.87 -0.39 0.00	14.40 -0.36 0.00	11.71 -0.27 0.00	14.28 -0.31 0.00	9.96 -0.21 -0.07	14.38 -0.31 0.00	15.87 -0.31 0.00	12.39 -0.27 0.00	13.76 -0.31 0.00	10.50 -0.26 0.00	14.82 -0.42 0.00	14.99 -0.47 0.00	14.06 -0.44 0.00	7.91 -0.25 -0.10	12.67 -0.46 0.00	14.95 -0.53 0.00	16.75 -0.60 0.00	19.45 -0.67 0.00	21.14 -0.68 0.00	15.39 -0.37 0.00	14.16 -0.35 0.00	18.02 -0.39 0.00
E_CANADA_CAP_HY 24051	17.79 0.67 0.00	16.59 0.55 0.00	15.73 0.47 0.00	15.21 0.45 0.00	12.33 0.33 -0.01	15.02 0.44 0.00	12.44 0.30 -2.03	15.14 0.45 0.00	16.70 0.52 0.00	13.04 0.38 0.00	14.49 0.42 0.00	11.03 0.26 0.00	15.63 0.39 0.00	15.81 0.36 0.00	14.84 0.35 0.00	11.13 0.17 -2.91	13.43 0.30 0.00	15.89 0.41 0.00	17.81 0.47 0.00	20.75 0.63 0.00	22.53 0.71 0.00	16.23 0.48 0.00	14.89 0.38 0.00	19.07 0.66 0.00
E_CANADA_MHWK_HY 24050	16.80 -0.32 0.00	15.73 -0.31 0.00	15.02 -0.24 0.00	14.56 -0.20 0.00	11.94 -0.05 0.00	14.55 -0.03 0.00	10.09 -0.02 0.00	14.66 -0.03 0.00	16.08 -0.10 0.00	12.56 -0.10 0.00	13.94 -0.14 0.00	10.70 -0.07 0.00	15.08 -0.16 0.00	15.31 -0.15 0.00	14.38 -0.11 0.00	8.01 -0.04 0.00	13.92 -0.10 -0.90	15.87 -0.13 -0.52	17.48 -0.13 -0.26	19.92 -0.20 0.00	21.59 -0.22 0.00	16.64 -0.02 -0.91	15.35 -0.04 -0.87	18.07 -0.34 0.00
E_FISHKILL____LBMP 23776	17.93 0.82 0.00	16.83 0.80 0.00	16.06 0.80 0.00	15.56 0.80 0.00	12.70 0.70 -0.01	15.46 0.87 0.00	12.24 0.64 -1.48	15.60 0.92 0.00	17.17 0.99 0.00	13.43 0.77 0.00	14.97 0.89 0.00	11.50 0.73 0.00	16.21 0.97 0.00	16.48 1.03 0.00	15.48 0.99 0.00	10.74 0.56 -2.13	13.95 0.83 0.00	16.44 0.96 0.00	18.41 1.06 0.00	21.26 1.14 0.00	23.03 1.22 0.00	16.81 1.05 0.00	15.47 0.96 0.00	19.27 0.85 0.00
FALCON____SEABRD_CC1 323796	17.53 0.41 0.00	16.51 0.47 0.00	15.75 0.49 0.00	15.28 0.53 0.00	12.21 0.22 0.00	14.43 -0.15 0.00	9.73 -0.38 0.00	13.79 -0.90 0.00	-17.82 -1.01 33.00	-12.42 -0.79 24.29	13.34 -0.73 0.00	10.29 -0.48 0.00	-14.97 -0.81 29.40	-20.87 -0.75 35.58	-21.13 -0.69 34.94	-21.18 -0.40 28.84	-20.93 -0.55 33.50	-20.88 -0.64 35.72	-20.78 -0.62 37.51	-20.75 -0.65 40.23	-20.71 -0.74 41.79	-15.94 -0.87 30.83	-6.67 -0.68 20.51	-17.45 -0.81 35.05

FALCON___SEABRD_CC2 323797	17.53 0.41 0.00	16.51 0.47 0.00	15.75 0.49 0.00	15.28 0.53 0.00	12.21 0.22 0.00	14.43 -0.15 0.00	9.73 -0.38 0.00	13.79 -0.90 0.00	-17.82 -1.01 33.00	-12.42 -0.79 24.29	13.34 -0.73 0.00	10.29 -0.48 0.00	-14.97 -0.81 29.40	-20.87 -0.75 35.58	-21.13 -0.69 34.94	-21.18 -0.40 28.84	-20.93 -0.55 33.50	-20.88 -0.64 35.72	-20.78 -0.62 37.51	-20.75 -0.65 40.23	-20.71 -0.74 41.79	-15.94 -0.87 30.83	-6.67 -0.68 20.51	-17.45 -0.81 35.05
FAR ROCKAWAY___4 23548	18.36 1.25 0.00	17.22 1.19 0.00	16.42 1.16 0.00	15.89 1.13 0.00	12.99 0.99 -0.01	15.78 1.20 0.00	12.42 0.86 -1.45	16.00 1.31 0.00	17.54 1.37 0.00	13.76 1.10 0.00	15.44 1.36 0.00	12.12 1.09 -0.26	16.66 1.42 0.00	18.11 1.47 -1.19	25.18 1.49 -9.19	10.97 0.82 -2.09	14.31 1.18 0.00	16.76 1.28 0.00	18.71 1.37 0.00	21.60 1.48 0.00	23.50 1.68 0.00	17.20 1.44 0.00	15.91 1.40 0.00	19.70 1.29 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.25 1.13 0.00	17.12 1.08 0.00	16.32 1.06 0.00	15.80 1.04 0.00	12.87 0.88 -0.01	15.69 1.11 0.00	12.39 0.82 -1.45	15.84 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.32 1.18 -1.07	15.38 0.95 -3.67	16.83 1.28 -0.31	23.16 1.32 -6.38	18.22 1.27 -2.46	16.74 0.71 -7.97	17.03 1.07 -2.84	17.06 1.24 -0.33	18.71 1.37 0.00	21.61 1.49 0.00	23.42 1.61 0.00	17.12 1.35 -0.02	15.75 1.23 0.00	19.55 1.13 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.26 1.14 0.00	17.13 1.09 0.00	16.32 1.06 0.00	15.81 1.05 0.00	12.89 0.89 -0.01	15.70 1.12 0.00	12.39 0.83 -1.45	15.86 1.17 0.00	17.46 1.28 0.00	13.67 1.01 0.00	16.33 1.19 -1.07	15.38 0.96 -3.67	16.84 1.29 -0.31	23.17 1.33 -6.38	18.23 1.27 -2.46	16.74 0.72 -7.97	17.04 1.08 -2.84	17.06 1.25 -0.33	18.72 1.38 0.00	21.62 1.50 0.00	23.44 1.62 0.00	17.13 1.36 -0.02	15.75 1.24 0.00	19.56 1.14 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.24 1.12 0.00	17.11 1.08 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.69 1.11 0.00	12.38 0.82 -1.45	15.84 1.15 0.00	17.45 1.27 0.00	13.65 0.99 0.00	16.32 1.18 -1.07	15.37 0.95 -3.67	16.82 1.27 -0.31	23.15 1.31 -6.38	18.21 1.26 -2.46	16.73 0.71 -7.97	17.03 1.06 -2.84	17.05 1.24 -0.33	18.70 1.36 0.00	21.60 1.48 0.00	23.41 1.60 0.00	17.11 1.34 -0.02	15.74 1.23 0.00	19.54 1.12 0.00
FARRAGUT___LBMP 323566	18.23 1.11 0.00	17.10 1.07 0.00	16.31 1.05 0.00	15.79 1.03 0.00	12.87 0.87 -0.01	15.68 1.10 0.00	12.38 0.81 -1.45	15.83 1.15 0.00	17.43 1.26 0.00	13.65 0.98 0.00	16.31 1.16 -1.07	15.37 0.94 -3.67	16.81 1.26 -0.31	23.14 1.30 -6.38	18.20 1.25 -2.46	16.73 0.70 -7.97	17.02 1.06 -2.84	17.04 1.23 -0.33	18.69 1.35 0.00	21.59 1.47 0.00	23.40 1.59 0.00	17.10 1.33 -0.02	15.73 1.22 0.00	19.53 1.11 0.00
FENNER___WINDPWR 24204	17.19 0.08 0.00	16.10 0.07 0.00	15.32 0.06 0.00	14.84 0.09 0.00	12.08 0.09 0.00	14.70 0.12 0.00	10.26 0.10 -0.05	14.84 0.15 0.00	16.39 0.21 0.00	12.79 0.13 0.00	14.20 0.12 0.00	10.86 0.09 0.00	15.33 0.09 0.00	15.52 0.06 0.00	14.57 0.07 0.00	8.18 0.05 -0.07	13.18 0.06 0.00	15.58 0.10 0.00	17.44 0.10 0.00	20.27 0.15 0.00	22.00 0.19 0.00	15.94 0.19 0.00	14.65 0.14 0.00	18.57 0.15 0.00
FIBERTEK___ENERGY 23856	16.84 -0.28 0.00	15.80 -0.24 0.00	15.04 -0.23 0.00	14.56 -0.20 0.00	11.85 -0.14 0.00	14.44 -0.14 0.00	10.08 -0.11 -0.08	14.55 -0.13 0.00	16.06 -0.12 0.00	12.54 -0.12 0.00	13.93 -0.14 0.00	10.63 -0.14 0.00	15.01 -0.23 0.00	15.19 -0.27 0.00	14.24 -0.25 0.00	8.03 -0.14 -0.12	12.83 -0.29 0.00	15.15 -0.33 0.00	16.97 -0.37 0.00	19.72 -0.41 0.00	21.40 -0.41 0.00	15.57 -0.18 0.00	14.33 -0.18 0.00	18.22 -0.19 0.00
FITZPATRICK____ 23598	16.52 -0.60 0.00	15.51 -0.53 0.00	14.76 -0.50 0.00	14.27 -0.48 0.00	11.62 -0.37 0.00	14.14 -0.44 0.00	9.84 -0.32 -0.05	14.23 -0.46 0.00	15.69 -0.49 0.00	12.26 -0.40 0.00	13.61 -0.46 0.00	10.39 -0.37 0.00	14.67 -0.58 0.00	14.83 -0.62 0.00	13.91 -0.58 0.00	7.81 -0.33 -0.08	12.54 -0.58 0.00	14.80 -0.68 0.00	16.57 -0.77 0.00	19.25 -0.87 0.00	20.90 -0.91 0.00	15.19 -0.57 0.00	13.99 -0.52 0.00	17.82 -0.59 0.00
FLOWRFLD_69_KV_BK1 356044	18.40 1.28 0.00	17.25 1.21 0.00	16.44 1.18 0.00	15.92 1.16 0.00	13.00 1.01 -0.01	15.79 1.20 0.00	12.42 0.86 -1.45	16.10 1.41 0.00	17.62 1.44 0.00	13.80 1.14 0.00	15.52 1.45 0.00	12.18 1.15 -0.26	16.71 1.47 0.00	16.95 1.42 -0.07	16.57 1.49 -0.59	10.97 0.83 -2.08	14.30 1.18 0.00	16.70 1.22 0.00	18.58 1.24 0.00	21.41 1.29 0.00	23.37 1.56 0.00	17.17 1.41 0.00	15.94 1.43 0.00	19.73 1.32 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.17 1.06 0.00	17.05 1.01 0.00	16.26 1.00 0.00	15.75 0.99 0.00	12.85 0.85 -0.01	15.65 1.07 0.00	12.33 0.79 -1.43	15.82 1.14 0.00	17.42 1.24 0.00	13.63 0.97 0.00	15.19 1.12 0.00	11.65 0.89 0.00	16.45 1.22 0.00	16.75 1.29 0.00	15.74 1.24 0.00	10.80 0.70 -2.04	14.17 1.05 0.00	16.72 1.24 0.00	18.73 1.39 0.00	21.64 1.52 0.00	23.45 1.64 0.00	17.10 1.35 0.00	15.72 1.21 0.00	19.59 1.18 0.00
FORT ORANGE____ 23900	17.45 0.33 0.00	16.43 0.40 0.00	15.69 0.43 0.00	15.23 0.47 0.00	12.43 0.43 -0.01	15.11 0.53 0.00	12.26 0.38 -1.77	15.18 0.49 0.00	16.66 0.48 0.00	13.03 0.38 0.00	14.46 0.39 0.00	11.12 0.36 0.00	15.69 0.45 0.00	15.95 0.49 0.00	15.00 0.51 0.00	10.90 0.30 -2.54	13.56 0.44 0.00	15.97 0.49 0.00	17.89 0.55 0.00	20.73 0.60 0.00	22.46 0.65 0.00	16.32 0.56 0.00	15.01 0.50 0.00	18.81 0.39 0.00
FORT_DRUM_COGEN 23780	16.27 -0.85 0.00	15.23 -0.81 0.00	14.42 -0.84 0.00	13.93 -0.83 0.00	11.31 -0.67 0.00	13.79 -0.79 0.00	9.65 -0.49 -0.04	13.93 -0.75 0.00	16.54 -0.90 -1.26	12.86 -0.73 -0.92	13.26 -0.81 0.00	10.13 -0.64 0.00	15.44 -0.91 -1.12	15.76 -1.05 -1.35	14.86 -0.96 -1.33	8.66 -0.55 -1.15	9.23 -0.86 3.03	13.36 -0.98 1.14	16.49 -1.03 -0.17	20.56 -1.10 -1.53	22.24 -1.16 -1.59	11.70 -0.86 3.20	10.24 -0.85 3.43	18.69 -1.06 -1.33
FOX_HILLS___ESR 323835	18.25 1.13 0.00	17.10 1.06 0.00	16.31 1.05 0.00	15.79 1.03 0.00	12.87 0.88 -0.01	15.69 1.11 0.00	12.38 0.82 -1.45	15.84 1.15 0.00	17.42 1.24 0.00	13.64 0.98 0.00	16.30 1.15 -1.08	15.38 0.92 -3.70	16.81 1.26 -0.31	23.20 1.29 -6.45	18.20 1.22 -2.48	16.76 0.68 -8.03	17.01 1.02 -2.87	17.01 1.19 -0.34	18.67 1.33 0.00	21.55 1.43 0.00	23.38 1.57 0.00	17.08 1.31 -0.02	15.72 1.21 0.00	19.52 1.10 0.00
FPL FAR_ROCK_GT1 24212	18.36 1.25 0.00	17.22 1.19 0.00	16.41 1.15 0.00	15.89 1.13 0.00	12.98 0.98 -0.01	15.78 1.20 0.00	12.42 0.86 -1.45	16.00 1.31 0.00	17.55 1.37 0.00	13.76 1.10 0.00	15.44 1.36 0.00	12.12 1.09 -0.26	16.66 1.42 0.00	18.11 1.46 -1.19	25.16 1.47 -9.19	10.96 0.82 -2.09	14.31 1.18 0.00	16.76 1.29 0.00	18.71 1.37 0.00	21.60 1.49 0.00	23.50 1.69 0.00	17.19 1.44 0.00	15.91 1.40 0.00	19.71 1.29 0.00

FPL FAR_ROCK_GT2 23815	18.36 1.25 0.00	17.22 1.19 0.00	16.41 1.15 0.00	15.89 1.13 0.00	12.98 0.98 -0.01	15.78 1.20 0.00	12.42 0.86 -1.45	16.00 1.31 0.00	17.55 1.37 0.00	13.76 1.10 0.00	15.44 1.36 0.00	12.12 1.09 -0.26	16.66 1.42 0.00	18.11 1.46 -1.19	25.16 1.47 -9.19	10.96 0.82 -2.09	14.31 1.18 0.00	16.76 1.29 0.00	18.71 1.37 0.00	21.60 1.49 0.00	23.50 1.69 0.00	17.19 1.44 0.00	15.91 1.40 0.00	19.71 1.29 0.00
FRANKLIN_FALL_HYD 24054	17.29 0.17 0.00	16.22 0.18 0.00	15.42 0.16 0.00	14.93 0.17 0.00	12.00 0.01 0.00	14.36 -0.22 0.00	9.84 -0.27 0.00	14.11 -0.58 0.00	35.82 -0.64 -20.28	27.12 -0.47 -14.92	13.64 -0.43 0.00	10.44 -0.32 0.00	32.88 -0.46 -18.10	36.94 -0.44 -21.92	35.59 -0.42 -21.52	25.56 -0.27 -17.77	5.42 -0.34 7.35	20.89 -0.36 -5.77	31.91 -0.37 -14.94	44.55 -0.35 -24.78	47.15 -0.40 -25.74	5.83 -0.52 9.41	-0.59 -0.40 14.70	39.58 -0.42 -21.59
FREEPORT_EQUS_GT1 23764	18.27 1.16 0.00	17.13 1.09 0.00	16.32 1.06 0.00	15.80 1.05 0.00	12.91 0.91 -0.01	15.68 1.10 0.00	12.36 0.80 -1.45	15.92 1.23 0.00	17.45 1.27 0.00	13.69 1.03 0.00	15.36 1.29 0.00	12.06 1.03 -0.26	16.56 1.32 0.00	17.27 1.34 -0.47	19.54 1.39 -3.65	10.91 0.77 -2.09	14.23 1.11 0.00	16.67 1.19 0.00	18.60 1.26 0.00	21.47 1.35 0.00	23.36 1.54 0.00	17.10 1.34 0.00	15.83 1.32 0.00	19.61 1.19 0.00
FREEPORT___CT2 23818	18.27 1.16 0.00	17.13 1.09 0.00	16.32 1.06 0.00	15.80 1.05 0.00	12.91 0.91 -0.01	15.68 1.10 0.00	12.36 0.80 -1.45	15.92 1.23 0.00	17.45 1.27 0.00	13.69 1.03 0.00	15.36 1.29 0.00	12.06 1.03 -0.26	16.56 1.32 0.00	17.27 1.34 -0.47	19.54 1.39 -3.65	10.91 0.77 -2.09	14.23 1.11 0.00	16.67 1.19 0.00	18.60 1.26 0.00	21.47 1.35 0.00	23.36 1.54 0.00	17.10 1.34 0.00	15.83 1.32 0.00	19.61 1.19 0.00
FRESHKLS_33_KV_LOAD 356253	18.23 1.11 0.00	17.07 1.04 0.00	16.29 1.03 0.00	15.77 1.02 0.00	12.86 0.86 -0.01	15.68 1.10 0.00	12.37 0.81 -1.45	15.81 1.12 0.00	17.36 1.18 0.00	13.59 0.93 0.00	16.25 1.10 -1.08	15.34 0.88 -3.70	16.76 1.21 -0.31	23.15 1.25 -6.45	18.15 1.17 -2.48	16.72 0.64 -8.03	16.95 0.96 -2.87	16.93 1.12 -0.34	18.59 1.25 0.00	21.45 1.33 0.00	23.28 1.46 0.00	17.01 1.24 -0.02	15.65 1.14 0.00	19.45 1.03 0.00
FULTON COGEN____ 23766	16.60 -0.52 0.00	15.58 -0.46 0.00	14.82 -0.44 0.00	14.34 -0.41 0.00	11.68 -0.31 0.00	14.23 -0.35 0.00	9.93 -0.25 -0.07	14.33 -0.36 0.00	15.81 -0.37 0.00	12.36 -0.30 0.00	13.72 -0.36 0.00	10.48 -0.29 0.00	14.77 -0.47 0.00	14.95 -0.51 0.00	14.02 -0.48 0.00	7.88 -0.27 -0.10	12.63 -0.50 0.00	14.90 -0.57 0.00	16.69 -0.65 0.00	19.39 -0.73 0.00	21.07 -0.75 0.00	15.33 -0.43 0.00	14.11 -0.40 0.00	17.95 -0.46 0.00
FULTON___LFGE 323630	18.52 1.40 0.00	17.32 1.28 0.00	16.51 1.25 0.00	16.00 1.24 0.00	13.03 1.03 -0.01	15.89 1.31 0.00	12.96 0.92 -1.93	16.06 1.38 0.00	17.70 1.52 0.00	13.74 1.08 0.00	15.20 1.13 0.00	11.63 0.87 0.00	16.41 1.17 0.00	16.63 1.17 0.00	15.69 1.20 0.00	11.48 0.66 -2.76	14.31 1.19 0.00	16.97 1.49 0.00	19.08 1.74 0.00	22.28 2.17 0.00	24.17 2.36 0.00	17.46 1.70 0.00	15.97 1.45 0.00	20.17 1.75 0.00
G.F.CEMENT___DRP 24184	17.71 0.60 0.00	16.63 0.59 0.00	15.90 0.64 0.00	15.41 0.66 0.00	12.59 0.59 -0.01	15.27 0.68 0.00	12.48 0.55 -1.81	15.47 0.78 0.00	16.98 0.80 0.00	13.28 0.62 0.00	14.71 0.64 0.00	11.29 0.52 0.00	15.89 0.65 0.00	16.22 0.76 0.00	15.18 0.69 0.00	11.06 0.41 -2.60	13.85 0.72 0.00	16.36 0.88 0.00	18.34 1.00 0.00	21.24 1.12 0.00	22.90 1.09 0.00	16.66 0.90 0.00	15.32 0.81 0.00	19.06 0.65 0.00
GARDENVILLE___LBMP 24039	15.86 -1.25 0.00	15.00 -1.04 0.00	14.18 -1.08 0.00	13.76 -1.00 0.00	11.20 -0.79 0.00	13.72 -0.86 0.00	9.66 -0.59 -0.13	13.73 -0.96 0.00	15.17 -1.01 0.00	11.76 -0.90 0.00	13.00 -1.08 0.00	9.83 -0.93 0.00	13.84 -1.40 0.00	13.93 -1.53 0.00	13.03 -1.47 0.00	7.38 -0.87 -0.19	11.21 -1.56 0.36	13.73 -1.75 0.00	15.48 -1.86 0.00	18.17 -1.96 0.00	19.94 -1.88 0.00	14.84 -0.91 0.00	13.69 -0.82 0.00	17.64 -0.77 0.00
GARDNVLA_35_KV_LD 355827	15.93 -1.18 0.00	15.05 -0.98 0.00	14.23 -1.03 0.00	13.80 -0.95 0.00	11.23 -0.75 0.00	13.77 -0.82 0.00	9.69 -0.56 -0.13	13.78 -0.91 0.00	15.23 -0.95 0.00	11.81 -0.85 0.00	13.05 -1.02 0.00	9.87 -0.89 0.00	13.90 -1.34 0.00	13.98 -1.47 0.00	13.08 -1.42 0.00	7.41 -0.84 -0.19	11.32 -1.52 0.29	13.78 -1.70 0.00	15.54 -1.80 0.00	18.24 -1.87 0.00	20.03 -1.79 0.00	14.91 -0.85 0.00	13.74 -0.77 0.00	17.71 -0.71 0.00
GELCKHM___115KV_LOAD 80723	16.72 -0.40 0.00	15.69 -0.35 0.00	14.93 -0.33 0.00	14.45 -0.30 0.00	11.76 -0.23 0.00	14.33 -0.25 0.00	10.01 -0.18 -0.07	14.44 -0.25 0.00	15.94 -0.24 0.00	12.44 -0.22 0.00	13.82 -0.26 0.00	10.55 -0.21 0.00	14.89 -0.35 0.00	15.06 -0.40 0.00	14.13 -0.37 0.00	7.95 -0.21 -0.11	12.73 -0.40 0.00	15.03 -0.46 0.00	16.83 -0.51 0.00	19.55 -0.57 0.00	21.23 -0.58 0.00	15.45 -0.31 0.00	14.22 -0.29 0.00	18.09 -0.32 0.00
GENERAL___MILLS 23808	15.92 -1.20 0.00	15.04 -1.00 0.00	14.22 -1.05 0.00	13.80 -0.97 0.00	11.22 -0.77 0.00	13.76 -0.83 0.00	9.68 -0.56 -0.13	13.77 -0.92 0.00	15.21 -0.97 0.00	11.80 -0.86 0.00	13.03 -1.04 0.00	9.86 -0.91 0.00	13.88 -1.36 0.00	13.97 -1.49 0.00	13.06 -1.43 0.00	7.40 -0.85 -0.19	11.28 -1.53 0.31	13.77 -1.71 0.00	15.53 -1.82 0.00	18.22 -1.90 0.00	20.00 -1.81 0.00	14.89 -0.87 0.00	13.73 -0.78 0.00	17.69 -0.72 0.00
GE_PLASTICS___DRP 24183	17.44 0.33 0.00	16.41 0.37 0.00	15.68 0.42 0.00	15.19 0.43 0.00	12.39 0.40 -0.01	15.07 0.49 0.00	12.24 0.35 -1.78	15.15 0.46 0.00	16.64 0.46 0.00	13.02 0.36 0.00	14.47 0.40 0.00	11.12 0.35 0.00	15.69 0.45 0.00	15.94 0.49 0.00	14.99 0.50 0.00	10.89 0.29 -2.55	13.53 0.41 0.00	15.93 0.45 0.00	17.85 0.51 0.00	20.66 0.54 0.00	22.39 0.58 0.00	16.27 0.51 0.00	14.97 0.46 0.00	18.78 0.37 0.00
GILBOA___1 23756	17.61 0.49 0.00	16.53 0.49 0.00	15.77 0.51 0.00	15.35 0.59 0.00	12.53 0.53 -0.01	15.23 0.65 0.00	12.25 0.42 -1.73	15.28 0.59 0.00	16.80 0.62 0.00	13.15 0.49 0.00	14.69 0.61 0.00	11.27 0.51 0.00	15.90 0.66 0.00	16.17 0.72 0.00	15.25 0.75 0.00	10.94 0.41 -2.47	13.64 0.52 0.00	16.08 0.60 0.00	18.01 0.66 0.00	20.83 0.71 0.00	22.58 0.76 0.00	16.42 0.66 0.00	15.13 0.62 0.00	19.02 0.61 0.00
GILBOA___2 23757	17.61 0.49 0.00	16.53 0.49 0.00	15.77 0.51 0.00	15.35 0.59 0.00	12.53 0.53 -0.01	15.23 0.65 0.00	12.25 0.42 -1.73	15.28 0.59 0.00	16.80 0.62 0.00	13.15 0.49 0.00	14.69 0.61 0.00	11.27 0.51 0.00	15.90 0.66 0.00	16.17 0.72 0.00	15.25 0.75 0.00	10.94 0.41 -2.47	13.64 0.52 0.00	16.08 0.60 0.00	18.01 0.66 0.00	20.83 0.71 0.00	22.58 0.76 0.00	16.42 0.66 0.00	15.13 0.62 0.00	19.02 0.61 0.00

GILBOA___3 23758	17.61 0.49 0.00	16.53 0.49 0.00	15.77 0.51 0.00	15.35 0.59 0.00	12.53 0.53 -0.01	15.23 0.65 0.00	12.25 0.42 -1.73	15.28 0.59 0.00	16.80 0.62 0.00	13.15 0.49 0.00	14.69 0.61 0.00	11.27 0.51 0.00	15.90 0.66 0.00	16.17 0.72 0.00	15.25 0.75 0.00	10.94 0.41 -2.47	13.64 0.52 0.00	16.08 0.60 0.00	18.01 0.66 0.00	20.83 0.71 0.00	22.58 0.76 0.00	16.42 0.66 0.00	15.13 0.62 0.00	19.02 0.61 0.00
GILBOA___4 23759	17.61 0.49 0.00	16.53 0.49 0.00	15.77 0.51 0.00	15.35 0.59 0.00	12.53 0.53 -0.01	15.23 0.65 0.00	12.25 0.42 -1.73	15.28 0.59 0.00	16.80 0.62 0.00	13.15 0.49 0.00	14.69 0.61 0.00	11.27 0.51 0.00	15.90 0.66 0.00	16.17 0.72 0.00	15.25 0.75 0.00	10.94 0.41 -2.47	13.64 0.52 0.00	16.08 0.60 0.00	18.01 0.66 0.00	20.83 0.71 0.00	22.58 0.76 0.00	16.42 0.66 0.00	15.13 0.62 0.00	19.02 0.61 0.00
GILBOA___ 23599	17.61 0.49 0.00	16.53 0.50 0.00	15.78 0.52 0.00	15.35 0.59 0.00	12.53 0.53 -0.01	15.23 0.65 0.00	12.26 0.42 -1.73	15.28 0.59 0.00	16.80 0.62 0.00	13.15 0.49 0.00	14.69 0.61 0.00	11.27 0.51 0.00	15.90 0.67 0.00	16.18 0.72 0.00	15.25 0.76 0.00	10.94 0.41 -2.47	13.64 0.52 0.00	16.08 0.60 0.00	18.01 0.66 0.00	20.83 0.71 0.00	22.57 0.76 0.00	16.42 0.66 0.00	15.13 0.62 0.00	19.02 0.61 0.00
GINNA___ 23603	15.70 -1.42 0.00	14.78 -1.25 0.00	14.04 -1.22 0.00	13.56 -1.20 0.00	11.06 -0.93 0.00	13.50 -1.08 0.00	9.47 -0.74 -0.10	13.57 -1.12 0.00	15.00 -1.18 0.00	11.69 -0.97 0.00	12.96 -1.11 0.00	9.86 -0.90 0.00	13.88 -1.36 0.00	13.99 -1.46 0.00	13.11 -1.39 0.00	7.40 -0.79 -0.14	11.72 -1.40 0.00	13.87 -1.61 0.00	15.62 -1.72 0.00	18.26 -1.86 0.00	19.92 -1.89 0.00	14.60 -1.16 0.00	13.43 -1.08 0.00	17.16 -1.25 0.00
GLEN PARK___ 23778	16.29 -0.83 0.00	15.25 -0.79 0.00	14.44 -0.82 0.00	13.95 -0.81 0.00	11.33 -0.66 0.00	13.82 -0.76 0.00	9.68 -0.48 -0.04	13.97 -0.72 0.00	16.51 -0.86 -1.19	12.83 -0.71 -0.87	13.28 -0.79 0.00	10.15 -0.62 0.00	15.41 -0.89 -1.06	15.70 -1.04 -1.29	14.82 -0.94 -1.26	8.61 -0.54 -1.10	9.42 -0.84 2.87	13.44 -0.96 1.07	16.52 -0.98 -0.16	20.54 -1.04 -1.45	22.23 -1.09 -1.51	11.92 -0.81 3.03	10.46 -0.81 3.24	18.66 -1.02 -1.27
GLENDAL_27_KV_LOAD 356172	18.29 1.18 0.00	17.16 1.13 0.00	16.36 1.10 0.00	15.84 1.08 0.00	12.91 0.91 -0.01	15.74 1.15 0.00	12.41 0.86 -1.45	15.90 1.21 0.00	17.51 1.33 0.00	13.70 1.04 0.00	16.37 1.21 -1.08	15.44 0.97 -3.70	16.87 1.32 -0.31	23.26 1.35 -6.45	18.26 1.29 -2.48	16.81 0.73 -8.03	17.09 1.11 -2.87	17.10 1.29 -0.34	18.77 1.43 0.00	21.68 1.56 0.00	23.51 1.70 0.00	17.18 1.40 -0.02	15.80 1.29 0.00	19.60 1.19 0.00
GLENWOOD_IC_1_G5 23712	18.21 1.09 0.00	17.08 1.04 0.00	16.28 1.02 0.00	15.76 1.01 0.00	12.87 0.88 -0.01	15.65 1.07 0.00	12.34 0.78 -1.45	15.85 1.17 0.00	17.41 1.23 0.00	13.65 0.99 0.00	15.27 1.20 0.00	11.99 0.96 -0.26	16.51 1.27 0.00	17.08 1.31 -0.32	18.28 1.31 -2.48	10.87 0.73 -2.08	14.18 1.06 0.00	16.65 1.17 0.00	18.61 1.26 0.00	21.48 1.36 0.00	23.33 1.51 0.00	17.05 1.30 0.00	15.75 1.24 0.00	19.54 1.13 0.00
GLENWOOD_IC_2_G1 23688	18.15 1.03 0.00	17.03 0.99 0.00	16.23 0.97 0.00	15.72 0.96 0.00	12.83 0.84 -0.01	15.61 1.03 0.00	12.31 0.75 -1.45	15.80 1.11 0.00	17.36 1.18 0.00	13.60 0.94 0.00	15.21 1.13 0.00	11.94 0.91 -0.26	16.44 1.21 0.00	16.85 1.25 -0.15	16.89 1.23 -1.16	10.83 0.69 -2.09	14.13 1.01 0.00	16.61 1.13 0.00	18.56 1.22 0.00	21.43 1.31 0.00	23.26 1.45 0.00	17.00 1.24 0.00	15.69 1.18 0.00	19.48 1.06 0.00
GLENWOOD_IC_3_G1 23689	18.15 1.03 0.00	17.03 0.99 0.00	16.23 0.97 0.00	15.72 0.96 0.00	12.83 0.84 -0.01	15.61 1.03 0.00	12.31 0.75 -1.45	15.80 1.11 0.00	17.36 1.18 0.00	13.60 0.94 0.00	15.21 1.13 0.00	11.94 0.91 -0.26	16.44 1.21 0.00	16.85 1.25 -0.15	16.89 1.23 -1.16	10.83 0.69 -2.09	14.13 1.01 0.00	16.61 1.13 0.00	18.56 1.22 0.00	21.43 1.31 0.00	23.26 1.45 0.00	17.00 1.24 0.00	15.69 1.18 0.00	19.48 1.06 0.00
GLENWOOD___4 23550	18.21 1.09 0.00	17.08 1.04 0.00	16.28 1.02 0.00	15.76 1.01 0.00	12.87 0.88 -0.01	15.65 1.07 0.00	12.34 0.78 -1.45	15.85 1.17 0.00	17.41 1.23 0.00	13.65 0.99 0.00	15.27 1.20 0.00	11.99 0.96 -0.26	16.51 1.27 0.00	17.08 1.31 -0.32	18.28 1.31 -2.48	10.87 0.73 -2.08	14.18 1.06 0.00	16.65 1.17 0.00	18.61 1.26 0.00	21.48 1.36 0.00	23.33 1.51 0.00	17.05 1.30 0.00	15.75 1.24 0.00	19.54 1.13 0.00
GLENWOOD___5 23614	18.21 1.09 0.00	17.08 1.04 0.00	16.28 1.02 0.00	15.76 1.01 0.00	12.87 0.88 -0.01	15.65 1.07 0.00	12.34 0.78 -1.45	15.85 1.17 0.00	17.41 1.23 0.00	13.65 0.99 0.00	15.27 1.20 0.00	11.99 0.96 -0.26	16.51 1.27 0.00	17.08 1.31 -0.32	18.28 1.31 -2.48	10.87 0.73 -2.08	14.18 1.06 0.00	16.65 1.17 0.00	18.61 1.26 0.00	21.48 1.36 0.00	23.33 1.51 0.00	17.05 1.30 0.00	15.75 1.24 0.00	19.54 1.13 0.00
GLOBAL GREEN_PORT_GT1 23814	18.47 1.36 0.00	17.31 1.27 0.00	16.53 1.26 0.00	16.00 1.24 0.00	13.07 1.08 -0.01	15.88 1.29 0.00	12.48 0.92 -1.45	16.35 1.66 0.00	17.87 1.69 0.00	13.98 1.32 0.00	15.68 1.60 0.00	12.26 1.23 -0.26	16.83 1.59 0.00	17.00 1.47 -0.07	16.57 1.50 -0.57	10.99 0.85 -2.08	14.38 1.26 0.00	16.77 1.29 0.00	18.72 1.38 0.00	21.58 1.47 0.00	23.65 1.83 0.00	17.38 1.62 0.00	16.12 1.61 0.00	19.96 1.54 0.00
GLOBE___DSASP 323697	15.47 -1.65 0.00	14.64 -1.40 0.00	13.80 -1.46 0.00	13.40 -1.36 0.00	10.91 -1.08 0.00	13.35 -1.23 0.00	9.39 -0.84 -0.12	13.33 -1.36 0.00	14.70 -1.47 0.00	11.37 -1.29 0.00	12.57 -1.51 0.00	9.50 -1.27 0.00	13.27 -1.97 0.00	13.30 -2.16 0.00	12.45 -2.05 0.00	7.07 -1.16 -0.18	10.84 -2.04 0.24	13.18 -2.29 0.00	14.89 -2.46 0.00	17.48 -2.65 0.00	19.18 -2.63 0.00	14.28 -1.48 0.00	13.18 -1.33 0.00	17.10 -1.31 0.00
GOETHSLN___LBMP 323567	18.18 1.06 0.00	17.05 1.02 0.00	16.26 1.00 0.00	15.74 0.99 0.00	12.84 0.84 -0.01	15.64 1.06 0.00	12.35 0.79 -1.45	15.79 1.11 0.00	17.39 1.21 0.00	13.61 0.95 0.00	16.28 1.13 -1.07	15.34 0.91 -3.67	16.78 1.23 -0.31	23.11 1.27 -6.38	18.17 1.22 -2.46	16.70 0.68 -7.97	16.97 1.01 -2.84	16.98 1.17 -0.33	18.63 1.29 0.00	21.52 1.40 0.00	23.32 1.51 0.00	17.05 1.28 -0.02	15.68 1.17 0.00	19.48 1.06 0.00
GOLAH___69_KV_TB 1_2 80279	16.36 -0.76 0.00	15.42 -0.61 0.00	14.59 -0.67 0.00	14.15 -0.61 0.00	11.52 -0.47 0.00	14.08 -0.50 0.00	9.89 -0.32 -0.10	14.14 -0.55 0.00	15.62 -0.55 0.00	12.16 -0.50 0.00	13.49 -0.59 0.00	10.23 -0.53 0.00	14.39 -0.85 0.00	14.48 -0.98 0.00	13.56 -0.93 0.00	7.65 -0.55 -0.14	12.08 -1.04 0.00	14.32 -1.16 0.00	16.15 -1.20 0.00	18.94 -1.18 0.00	20.73 -1.08 0.00	15.27 -0.49 0.00	14.05 -0.46 0.00	17.99 -0.42 0.00

GOODYEAR_LAKE_HYD 323669	17.43 0.32 0.00	16.32 0.28 0.00	15.52 0.26 0.00	15.04 0.28 0.00	12.23 0.24 0.00	14.91 0.33 0.00	10.59 0.25 -0.23	15.06 0.37 0.00	16.63 0.45 0.00	13.00 0.34 0.00	14.45 0.38 0.00	11.03 0.26 0.00	15.60 0.36 0.00	15.80 0.35 0.00	14.83 0.34 0.00	8.57 0.17 -0.33	13.36 0.24 0.00	15.78 0.30 0.00	17.67 0.33 0.00	20.52 0.40 0.00	22.27 0.46 0.00	16.17 0.41 0.00	14.86 0.35 0.00	18.84 0.43 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	16.87 -0.24 0.00	15.87 -0.17 0.00	15.12 -0.14 0.00	14.65 -0.11 0.00	11.93 -0.06 0.00	14.58 -0.01 0.00	10.35 0.00 -0.24	14.69 0.00 0.00	16.21 0.04 0.00	12.65 -0.01 0.00	14.03 -0.04 0.00	10.71 -0.06 0.00	15.16 -0.08 0.00	15.33 -0.12 0.00	14.38 -0.11 0.00	8.32 -0.08 -0.34	12.91 -0.21 0.00	15.22 -0.26 0.00	16.98 -0.36 0.00	19.75 -0.37 0.00	21.47 -0.34 0.00	15.71 -0.05 0.00	14.45 -0.06 0.00	18.33 -0.09 0.00
GOUDEY___7 23579	16.88 -0.23 0.00	15.88 -0.16 0.00	15.13 -0.13 0.00	14.66 -0.10 0.00	11.93 -0.06 0.00	14.59 0.00 0.00	10.35 0.01 -0.24	14.70 0.01 0.00	16.23 0.05 0.00	12.67 0.01 0.00	14.05 -0.03 0.00	10.72 -0.05 0.00	15.17 -0.07 0.00	15.35 -0.11 0.00	14.40 -0.10 0.00	8.32 -0.08 -0.34	12.92 -0.20 0.00	15.23 -0.25 0.00	16.99 -0.35 0.00	19.77 -0.35 0.00	21.49 -0.32 0.00	15.73 -0.03 0.00	14.46 -0.05 0.00	18.34 -0.07 0.00
GOUDEY___8 23580	16.87 -0.24 0.00	15.87 -0.17 0.00	15.12 -0.14 0.00	14.65 -0.11 0.00	11.93 -0.06 0.00	14.58 -0.01 0.00	10.35 0.00 -0.24	14.69 0.00 0.00	16.21 0.04 0.00	12.65 -0.01 0.00	14.03 -0.04 0.00	10.71 -0.06 0.00	15.16 -0.08 0.00	15.33 -0.12 0.00	14.38 -0.11 0.00	8.32 -0.08 -0.34	12.91 -0.21 0.00	15.22 -0.26 0.00	16.98 -0.36 0.00	19.75 -0.37 0.00	21.47 -0.34 0.00	15.71 -0.05 0.00	14.45 -0.06 0.00	18.33 -0.09 0.00
GOWANUS_GT1_1 24077	18.25 1.14 0.00	17.11 1.08 0.00	16.32 1.05 0.00	15.79 1.04 0.00	12.88 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.40 0.94 -3.70	16.84 1.28 -0.31	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.49 0.00	23.43 1.62 0.00	17.12 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GOWANUS_GT1_2 24078	18.25 1.14 0.00	17.11 1.08 0.00	16.32 1.05 0.00	15.79 1.04 0.00	12.88 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.40 0.94 -3.70	16.84 1.28 -0.31	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.49 0.00	23.43 1.62 0.00	17.12 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GOWANUS_GT1_3 24079	18.25 1.14 0.00	17.11 1.08 0.00	16.32 1.05 0.00	15.79 1.04 0.00	12.88 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.40 0.94 -3.70	16.84 1.28 -0.31	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.49 0.00	23.43 1.62 0.00	17.12 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GOWANUS_GT1_4 24080	18.25 1.14 0.00	17.11 1.08 0.00	16.32 1.05 0.00	15.79 1.04 0.00	12.88 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.40 0.94 -3.70	16.84 1.28 -0.31	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.49 0.00	23.43 1.62 0.00	17.12 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GOWANUS_GT1_5 24084	18.25 1.14 0.00	17.11 1.08 0.00	16.32 1.05 0.00	15.79 1.04 0.00	12.88 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.40 0.94 -3.70	16.84 1.28 -0.31	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.49 0.00	23.43 1.62 0.00	17.12 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GOWANUS_GT1_6 24111	18.25 1.14 0.00	17.11 1.08 0.00	16.32 1.05 0.00	15.79 1.04 0.00	12.88 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.40 0.94 -3.70	16.84 1.28 -0.31	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.49 0.00	23.43 1.62 0.00	17.12 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GOWANUS_GT1_7 24112	18.25 1.14 0.00	17.11 1.08 0.00	16.32 1.05 0.00	15.79 1.04 0.00	12.88 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.40 0.94 -3.70	16.84 1.28 -0.31	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.49 0.00	23.43 1.62 0.00	17.12 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GOWANUS_GT1_8 24113	18.25 1.14 0.00	17.11 1.08 0.00	16.32 1.05 0.00	15.79 1.04 0.00	12.88 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.40 0.94 -3.70	16.84 1.28 -0.31	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.49 0.00	23.43 1.62 0.00	17.12 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GOWANUS_GT2_1 24114	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GOWANUS_GT2_2 24115	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GOWANUS_GT2_3 24116	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00

GOWANUS_GT2_4 24117	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GOWANUS_GT2_5 24118	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GOWANUS_GT2_6 24119	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GOWANUS_GT2_7 24120	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GOWANUS_GT2_8 24121	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GOWANUS_GT3_1 24122	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GOWANUS_GT3_2 24123	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GOWANUS_GT3_3 24124	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00																		

GOWANUS_GT4_3 24132	18.25 1.14 0.00	17.11 1.08 0.00	16.32 1.05 0.00	15.79 1.04 0.00	12.88 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.40 0.94 -3.70	16.84 1.28 -0.31	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.49 0.00	23.43 1.62 0.00	17.12 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GOWANUS_GT4_4 24133	18.25 1.14 0.00	17.11 1.08 0.00	16.32 1.05 0.00	15.79 1.04 0.00	12.88 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.40 0.94 -3.70	16.84 1.28 -0.31	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.49 0.00	23.43 1.62 0.00	17.12 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GOWANUS_GT4_5 24134	18.25 1.14 0.00	17.11 1.08 0.00	16.32 1.05 0.00	15.79 1.04 0.00	12.88 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.40 0.94 -3.70	16.84 1.28 -0.31	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.49 0.00	23.43 1.62 0.00	17.12 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GOWANUS_GT4_6 24135	18.25 1.14 0.00	17.11 1.08 0.00	16.32 1.05 0.00	15.79 1.04 0.00	12.88 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.40 0.94 -3.70	16.84 1.28 -0.31	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.49 0.00	23.43 1.62 0.00	17.12 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GOWANUS_GT4_7 24136	18.25 1.14 0.00	17.11 1.08 0.00	16.32 1.05 0.00	15.79 1.04 0.00	12.88 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.40 0.94 -3.70	16.84 1.28 -0.31	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.49 0.00	23.43 1.62 0.00	17.12 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GOWANUS_GT4_8 24137	18.25 1.14 0.00	17.11 1.08 0.00	16.32 1.05 0.00	15.79 1.04 0.00	12.88 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.40 0.94 -3.70	16.84 1.28 -0.31	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.49 0.00	23.43 1.62 0.00	17.12 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GREENBSH_115KV_TB3 55895	17.36 0.24 0.00	16.35 0.32 0.00	15.65 0.39 0.00	15.15 0.40 0.00	12.37 0.37 -0.01	15.04 0.46 0.00	12.22 0.33 -1.78	15.10 0.42 0.00	16.59 0.41 0.00	12.97 0.31 0.00	14.40 0.33 0.00	11.08 0.32 0.00	15.63 0.39 0.00	15.89 0.43 0.00	14.94 0.45 0.00	10.88 0.27 -2.55	13.50 0.37 0.00	15.88 0.40 0.00	17.78 0.44 0.00	20.58 0.46 0.00	22.31 0.50 0.00	16.21 0.45 0.00	14.92 0.40 0.00	18.70 0.28 0.00
GREENIDGE_115KV_TB5 80291	16.49 -0.63 0.00	15.52 -0.51 0.00	14.77 -0.49 0.00	14.32 -0.44 0.00	11.66 -0.33 0.00	14.27 -0.31 0.00	10.06 -0.20 -0.15	14.41 -0.28 0.00	15.92 -0.26 0.00	12.41 -0.25 0.00	13.75 -0.33 0.00	10.45 -0.32 0.00	14.78 -0.46 0.00	14.92 -0.53 0.00	13.99 -0.51 0.00	7.97 -0.31 -0.22	12.94 -0.62 -0.44	14.73 -0.75 0.00	16.58 -0.76 0.00	19.39 -0.73 0.00	21.13 -0.68 0.00	15.50 -0.26 0.00	14.25 -0.26 0.00	18.14 -0.28 0.00
GREENIDGE___3 23582	16.49 -0.63 0.00	15.52 -0.51 0.00	14.77 -0.49 0.00	14.32 -0.44 0.00	11.66 -0.33 0.00	14.27 -0.31 0.00	10.06 -0.20 -0.15	14.41 -0.28 0.00	15.92 -0.26 0.00	12.41 -0.25 0.00	13.75 -0.33 0.00	10.45 -0.32 0.00	14.78 -0.46 0.00	14.92 -0.53 0.00	13.99 -0.51 0.00	7.97 -0.31 -0.22	12.94 -0.62 -0.44	14.73 -0.75 0.00	16.58 -0.76 0.00	19.39 -0.73 0.00	21.13 -0.68 0.00	15.50 -0.26 0.00	14.25 -0.26 0.00	18.14 -0.28 0.00
GREENIDGE___4 23583	16.49 -0.63 0.00	15.53 -0.51 0.00	14.79 -0.47 0.00	14.31 -0.45 0.00	11.66 -0.33 0.00	14.28 -0.31 0.00	10.06 -0.20 -0.15	14.40 -0.29 0.00	15.92 -0.26 0.00	12.41 -0.25 0.00	13.75 -0.32 0.00	10.45 -0.32 0.00	14.78 -0.46 0.00	14.92 -0.53 0.00	13.99 -0.50 0.00	7.97 -0.31 -0.22	12.94 -0.62 -0.44	14.73 -0.75 0.00	16.59 -0.76 0.00	19.39 -0.73 0.00	21.13 -0.68 0.00	15.49 -0.26 0.00	14.25 -0.26 0.00	18.14 -0.27 0.00
GREENLWN_69_KV_BK 3 55738	18.08 0.96 0.00	16.95 0.92 0.00	16.16 0.90 0.00	15.64 0.88 0.00	12.78 0.79 -0.01	15.51 0.93 0.00	12.23 0.67 -1.45	15.75 1.06 0.00	17.24 1.06 0.00	13.51 0.85 0.00	15.22 1.15 0.00	11.96 0.94 -0.26	16.42 1.18 0.00	16.72 1.18 -0.08	16.39 1.24 -0.67	10.82 0.68 -2.08	14.06 0.94 0.00	16.42 0.94 0.00	18.29 0.95 0.00	21.08 0.96 0.00	22.94 1.13 0.00	16.80 1.05 0.00	15.61 1.10 0.00	19.32 0.90 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	18.25 1.14 0.00	17.11 1.08 0.00	16.32 1.05 0.00	15.79 1.04 0.00	12.88 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.40 0.94 -3.70	16.84 1.28 -0.31	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.49 0.00	23.43 1.62 0.00	17.12 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
GRISSOM___SOLAR 323813	18.52 1.40 0.00	17.32 1.28 0.00	16.51 1.25 0.00	16.00 1.24 0.00	13.03 1.03 -0.01	15.89 1.31 0.00	12.96 0.92 -1.93	16.06 1.38 0.00	17.70 1.52 0.00	13.74 1.08 0.00	15.20 1.13 0.00	11.63 0.87 0.00	16.41 1.17 0.00	16.63 1.17 0.00	15.69 1.20 0.00	11.48 0.66 -2.76	14.31 1.19 0.00	16.97 1.49 0.00	19.08 1.74 0.00	22.28 2.17 0.00	24.17 2.36 0.00	17.46 1.70 0.00	15.97 1.45 0.00	20.17 1.75 0.00
GROVEVILLE___HYD 323602	18.17 1.06 0.00	17.05 1.01 0.00	16.26 1.00 0.00	15.75 0.99 0.00	12.85 0.85 -0.01	15.65 1.07 0.00	12.33 0.79 -1.43	15.82 1.14 0.00	17.42 1.24 0.00	13.63 0.97 0.00	15.19 1.12 0.00	11.65 0.89 0.00	16.45 1.22 0.00	16.75 1.29 0.00	15.74 1.24 0.00	10.80 0.70 -2.04	14.17 1.05 0.00	16.72 1.24 0.00	18.73 1.39 0.00	21.64 1.52 0.00	23.45 1.64 0.00	17.10 1.35 0.00	15.72 1.21 0.00	19.59 1.18 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	16.84 -0.28 0.00	15.80 -0.24 0.00	15.04 -0.23 0.00	14.56 -0.20 0.00	11.85 -0.14 0.00	14.44 -0.14 0.00	10.08 -0.11 -0.08	14.55 -0.13 0.00	16.06 -0.12 0.00	12.54 -0.12 0.00	13.93 -0.14 0.00	10.63 -0.14 0.00	15.01 -0.23 0.00	15.19 -0.27 0.00	14.24 -0.25 0.00	8.03 -0.14 -0.12	12.83 -0.29 0.00	15.15 -0.33 0.00	16.97 -0.37 0.00	19.72 -0.41 0.00	21.40 -0.41 0.00	15.57 -0.18 0.00	14.33 -0.18 0.00	18.22 -0.19 0.00

HAMLTNNY_34_KV_TB 80303	16.85 -0.27 0.00	15.81 -0.22 0.00	15.05 -0.21 0.00	14.57 -0.19 0.00	11.87 -0.12 0.00	14.46 -0.12 0.00	10.10 -0.09 0.00	14.58 -0.10 0.00	16.10 -0.08 0.00	12.56 -0.10 0.00	13.96 -0.12 0.00	10.64 -0.12 0.00	15.04 -0.20 0.00	15.20 -0.26 0.00	14.24 -0.25 0.00	8.03 -0.15 -0.13	12.82 -0.31 0.00	15.13 -0.36 0.00	16.94 -0.40 0.00	19.70 -0.42 0.00	21.37 -0.44 0.00	15.57 -0.19 0.00	14.32 -0.19 0.00	18.22 -0.20 0.00
HAMPSHIRE___PAPER_HYD 323593	16.67 -0.44 0.00	15.60 -0.43 0.00	14.78 -0.48 0.00	14.27 -0.49 0.00	11.54 -0.44 0.00	13.98 -0.60 0.00	9.70 -0.41 0.00	14.02 -0.67 0.00	18.49 -0.79 -3.10	14.34 -0.61 -2.28	13.43 -0.64 0.00	10.27 -0.50 0.00	17.38 -0.63 -2.77	18.12 -0.69 -3.35	17.14 -0.65 -3.29	10.36 -0.41 -2.72	4.33 -0.62 8.17	11.58 -0.69 3.20	16.83 -0.74 -0.23	23.13 -0.78 -3.79	24.90 -0.86 -3.94	6.44 -0.73 8.59	4.72 -0.66 9.13	21.01 -0.71 -3.30
HARDSCRABBLE_WT_PWR 323673	16.80 -0.31 0.00	15.70 -0.34 0.00	14.97 -0.29 0.00	14.50 -0.26 0.00	11.88 -0.11 0.00	14.50 -0.09 0.00	10.04 -0.07 0.00	14.57 -0.12 0.00	15.97 -0.21 0.00	12.47 -0.19 0.00	13.84 -0.23 0.00	10.62 -0.15 0.00	14.98 -0.26 0.00	15.19 -0.26 0.00	14.27 -0.22 0.00	7.95 -0.11 0.00	13.81 -0.21 -0.90	15.74 -0.26 -0.52	17.32 -0.28 -0.26	19.76 -0.37 0.00	21.42 -0.39 0.00	16.50 -0.17 -0.91	15.22 -0.16 -0.87	17.97 -0.44 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	17.93 0.82 0.00	16.82 0.78 0.00	16.04 0.78 0.00	15.54 0.78 0.00	12.67 0.68 -0.01	15.45 0.86 0.00	12.05 0.63 -1.31	15.59 0.91 0.00	17.16 0.98 0.00	13.43 0.77 0.00	14.98 0.91 0.00	11.50 0.73 0.00	16.23 0.99 0.00	16.52 1.07 0.00	15.51 1.02 0.00	10.50 0.57 -1.87	13.95 0.82 0.00	16.45 0.97 0.00	18.42 1.07 0.00	21.27 1.15 0.00	23.06 1.25 0.00	16.82 1.07 0.00	15.48 0.97 0.00	19.32 0.91 0.00
HARSNRAD_115KV_TB1 81005	15.71 -1.41 0.00	14.86 -1.18 0.00	14.02 -1.24 0.00	13.61 -1.15 0.00	11.08 -0.91 0.00	13.56 -1.02 0.00	9.54 -0.69 -0.12	13.55 -1.14 0.00	14.96 -1.21 0.00	11.58 -1.08 0.00	12.79 -1.29 0.00	9.67 -1.10 0.00	13.57 -1.67 0.00	13.63 -1.83 0.00	12.75 -1.75 0.00	7.22 -1.01 -0.17	11.10 -1.79 0.24	13.47 -2.01 0.00	15.21 -2.13 0.00	17.88 -2.24 0.00	19.64 -2.17 0.00	14.62 -1.14 0.00	13.48 -1.03 0.00	17.40 -1.01 0.00
HARZA MOOSE___RIVER 24016	16.86 -0.26 0.00	15.79 -0.25 0.00	14.97 -0.30 0.00	14.47 -0.29 0.00	11.75 -0.23 0.00	14.31 -0.27 0.00	10.00 -0.13 -0.02	14.48 -0.21 0.00	16.78 -0.28 -0.87	13.09 -0.21 -0.64	13.82 -0.25 0.00	10.56 -0.21 0.00	15.72 -0.30 -0.78	16.04 -0.36 -0.95	15.10 -0.33 -0.93	8.66 -0.19 -0.80	11.23 -0.28 1.61	14.67 -0.31 0.50	17.28 -0.33 -0.27	20.85 -0.34 -1.07	22.56 -0.36 -1.11	13.77 -0.27 1.72	12.33 -0.28 1.90	18.95 -0.39 -0.93
HDSNBRDG_115KV_BRDG_TB1 355580	16.72 -0.40 0.00	15.70 -0.34 0.00	14.93 -0.33 0.00	14.46 -0.30 0.00	11.76 -0.22 0.00	14.34 -0.24 0.00	10.02 -0.17 -0.07	14.45 -0.24 0.00	15.95 -0.23 0.00	12.46 -0.20 0.00	13.83 -0.25 0.00	10.56 -0.21 0.00	14.89 -0.35 0.00	15.07 -0.39 0.00	14.13 -0.36 0.00	7.96 -0.20 -0.10	12.73 -0.40 0.00	15.03 -0.46 0.00	16.83 -0.51 0.00	19.55 -0.57 0.00	21.24 -0.57 0.00	15.47 -0.29 0.00	14.23 -0.28 0.00	18.11 -0.31 0.00
HELLGATE_13_KV_LD 55870	18.22 1.11 0.00	17.10 1.06 0.00	16.31 1.05 0.00	15.79 1.03 0.00	12.87 0.88 -0.01	15.68 1.10 0.00	12.38 0.82 -1.45	15.84 1.15 0.00	17.44 1.26 0.00	13.65 0.99 0.00	16.30 1.14 -1.08	15.38 0.92 -3.70	16.80 1.24 -0.31	23.17 1.27 -6.45	18.19 1.21 -2.48	16.77 0.69 -8.03	17.03 1.04 -2.87	17.03 1.22 -0.34	18.69 1.35 0.00	21.59 1.47 0.00	23.41 1.60 0.00	17.10 1.33 -0.02	15.73 1.22 0.00	19.52 1.10 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.22 1.11 0.00	17.10 1.06 0.00	16.31 1.05 0.00	15.79 1.03 0.00	12.87 0.88 -0.01	15.68 1.10 0.00	12.38 0.82 -1.45	15.84 1.15 0.00	17.44 1.26 0.00	13.65 0.99 0.00	16.30 1.14 -1.08	15.38 0.92 -3.70	16.80 1.24 -0.31	23.17 1.27 -6.45	18.19 1.21 -2.48	16.77 0.69 -8.03	17.03 1.04 -2.87	17.03 1.22 -0.34	18.69 1.35 0.00	21.59 1.47 0.00	23.41 1.60 0.00	17.10 1.33 -0.02	15.73 1.22 0.00	19.52 1.10 0.00
HEMPSTEAD____ 23647	18.16 1.04 0.00	17.03 0.99 0.00	16.23 0.97 0.00	15.71 0.96 0.00	12.84 0.84 -0.01	15.60 1.01 0.00	12.30 0.74 -1.45	15.82 1.14 0.00	17.36 1.18 0.00	13.62 0.96 0.00	15.26 1.19 -0.26	11.98 0.95 0.00	16.47 1.23 0.00	17.08 1.25 -0.37	18.65 1.29 -2.87	10.86 0.72 -2.09	14.15 1.03 0.00	16.58 1.11 0.00	18.51 1.17 0.00	21.37 1.25 0.00	23.23 1.42 0.00	16.99 1.23 0.00	15.72 1.21 0.00	19.48 1.07 0.00
HEWLETT_69_KV_BK3 55828	18.30 1.18 0.00	17.16 1.13 0.00	16.36 1.10 0.00	15.84 1.08 0.00	12.94 0.95 -0.01	15.72 1.14 0.00	12.38 0.82 -1.45	15.94 1.25 0.00	17.48 1.30 0.00	13.71 1.05 0.00	15.38 1.30 0.00	12.08 1.05 -0.26	16.60 1.36 0.00	18.05 1.40 -1.19	25.11 1.42 -9.19	10.93 0.79 -2.09	14.25 1.13 0.00	16.70 1.22 0.00	18.64 1.30 0.00	21.51 1.39 0.00	23.40 1.59 0.00	17.12 1.37 0.00	15.84 1.33 0.00	19.63 1.22 0.00
HICKLING___1 23621	16.40 -0.71 0.00	15.47 -0.57 0.00	14.75 -0.51 0.00	14.30 -0.46 0.00	11.64 -0.35 0.00	14.28 -0.30 0.00	10.10 -0.20 -0.19	14.40 -0.29 0.00	15.92 -0.25 0.00	12.41 -0.25 0.00	13.72 -0.35 0.00	10.44 -0.32 0.00	14.82 -0.42 0.00	14.97 -0.48 0.00	14.04 -0.46 0.00	8.03 -0.31 -0.27	12.64 -0.62 -0.14	14.76 -0.72 0.00	16.61 -0.73 0.00	19.36 -0.76 0.00	21.09 -0.72 0.00	15.52 -0.24 0.00	14.27 -0.24 0.00	18.14 -0.27 0.00
HICKLING___2 23622	16.40 -0.71 0.00	15.47 -0.57 0.00	14.75 -0.51 0.00	14.30 -0.46 0.00	11.64 -0.35 0.00	14.28 -0.30 0.00	10.10 -0.20 -0.19	14.40 -0.29 0.00	15.92 -0.25 0.00	12.41 -0.25 0.00	13.72 -0.35 0.00	10.44 -0.32 0.00	14.82 -0.42 0.00	14.97 -0.48 0.00	14.04 -0.46 0.00	8.03 -0.31 -0.27	12.64 -0.62 -0.14	14.76 -0.72 0.00	16.61 -0.73 0.00	19.36 -0.76 0.00	21.09 -0.72 0.00	15.52 -0.24 0.00	14.27 -0.24 0.00	18.14 -0.27 0.00
HIGH FALLS___HY 23754	18.22 1.10 0.00	17.06 1.03 0.00	16.25 0.99 0.00	15.74 0.99 0.00	12.84 0.84 -0.01	15.66 1.07 0.00	12.30 0.79 -1.40	15.85 1.16 0.00	17.44 1.26 0.00	13.65 0.98 0.00	15.23 1.16 0.00	11.66 0.89 0.00	16.47 1.24 0.00	16.80 1.34 0.00	15.80 1.31 0.00	10.78 0.71 -2.01	14.17 1.05 0.00	16.75 1.27 0.00	18.78 1.44 0.00	21.70 1.58 0.00	23.53 1.72 0.00	17.17 1.41 0.00	15.78 1.27 0.00	19.69 1.27 0.00
HILLBURN___GT 23639	17.93 0.81 0.00	16.82 0.78 0.00	16.04 0.78 0.00	15.54 0.78 0.00	12.67 0.68 -0.01	15.45 0.87 0.00	12.08 0.64 -1.33	15.60 0.92 0.00	17.17 0.99 0.00	13.44 0.78 0.00	15.00 0.93 0.00	11.52 0.76 0.00	16.27 1.03 0.00	16.55 1.09 0.00	15.53 1.04 0.00	10.54 0.58 -1.91	13.95 0.84 0.00	16.45 0.97 0.00	18.41 1.07 0.00	21.25 1.13 0.00	23.03 1.22 0.00	16.82 1.06 0.00	15.48 0.97 0.00	19.31 0.90 0.00

HILLSIDE_115KV_TB1 80332	16.42 -0.70 0.00	15.47 -0.56 0.00	14.77 -0.49 0.00	14.31 -0.44 0.00	11.65 -0.34 0.00	14.30 -0.29 0.00	10.10 -0.20 -0.20	14.40 -0.29 0.00	15.92 -0.26 0.00	12.41 -0.25 0.00	13.73 -0.34 0.00	10.46 -0.30 0.00	14.85 -0.39 0.00	15.01 -0.45 0.00	14.08 -0.42 0.00	8.06 -0.29 -0.28	12.67 -0.58 -0.13	14.81 -0.67 0.00	16.65 -0.69 0.00	19.40 -0.72 0.00	21.09 -0.73 0.00	15.50 -0.26 0.00	14.25 -0.26 0.00	18.08 -0.34 0.00
HISHELDN_WT_PWR 323625	15.55 -1.56 0.00	14.71 -1.32 0.00	13.97 -1.29 0.00	13.49 -1.27 0.00	11.02 -0.97 0.00	13.48 -1.10 0.00	9.49 -0.76 -0.14	13.51 -1.18 0.00	14.94 -1.24 0.00	11.60 -1.06 0.00	12.81 -1.26 0.00	9.70 -1.06 0.00	13.68 -1.56 0.00	13.78 -1.67 0.00	12.90 -1.59 0.00	7.33 -0.93 -0.20	10.63 -1.67 0.82	13.57 -1.91 0.00	15.29 -2.05 0.00	17.94 -2.18 0.00	19.68 -2.13 0.00	14.67 -1.09 0.00	13.56 -0.95 0.00	17.47 -0.94 0.00
HOLTSVILLE_IC_1 23690	18.39 1.27 0.00	17.23 1.19 0.00	16.43 1.17 0.00	15.91 1.15 0.00	13.00 1.00 -0.01	15.78 1.20 0.00	12.42 0.86 -1.45	16.11 1.42 0.00	17.63 1.45 0.00	13.81 1.15 0.00	15.52 1.45 0.00	12.17 1.15 -0.26	16.71 1.48 0.00	16.94 1.42 -0.07	16.52 1.47 -0.56	10.96 0.82 -2.08	14.29 1.17 0.00	16.69 1.21 0.00	18.59 1.25 0.00	21.44 1.32 0.00	23.41 1.60 0.00	17.18 1.42 0.00	15.95 1.44 0.00	19.75 1.34 0.00
HOLTSVILLE_IC_10 23699	18.45 1.34 0.00	17.29 1.26 0.00	16.49 1.23 0.00	15.97 1.21 0.00	13.04 1.05 -0.01	15.84 1.26 0.00	12.46 0.90 -1.45	16.19 1.50 0.00	17.71 1.53 0.00	13.87 1.21 0.00	15.59 1.52 0.00	12.22 1.20 -0.26	16.79 1.55 0.00	17.00 1.47 -0.08	16.61 1.52 -0.60	10.99 0.85 -2.08	14.35 1.23 0.00	16.75 1.27 0.00	18.66 1.32 0.00	21.51 1.39 0.00	23.52 1.70 0.00	17.26 1.51 0.00	16.02 1.51 0.00	19.84 1.43 0.00
HOLTSVILLE_IC_2 23691	18.39 1.27 0.00	17.23 1.19 0.00	16.43 1.17 0.00	15.91 1.15 0.00	13.00 1.00 -0.01	15.78 1.20 0.00	12.42 0.86 -1.45	16.11 1.42 0.00	17.63 1.45 0.00	13.81 1.15 0.00	15.52 1.45 0.00	12.17 1.15 -0.26	16.71 1.48 0.00	16.94 1.42 -0.07	16.52 1.47 -0.56	10.96 0.82 -2.08	14.29 1.17 0.00	16.69 1.21 0.00	18.59 1.25 0.00	21.44 1.32 0.00	23.41 1.60 0.00	17.18 1.42 0.00	15.95 1.44 0.00	19.75 1.34 0.00
HOLTSVILLE_IC_3 23692	18.39 1.27 0.00	17.23 1.19 0.00	16.43 1.17 0.00	15.91 1.15 0.00	13.00 1.00 -0.01	15.78 1.20 0.00	12.42 0.86 -1.45	16.11 1.42 0.00	17.63 1.45 0.00	13.81 1.15 0.00	15.52 1.45 0.00	12.17 1.15 -0.26	16.71 1.48 0.00	16.94 1.42 -0.07	16.52 1.47 -0.56	10.96 0.82 -2.08	14.29 1.17 0.00	16.69 1.21 0.00	18.59 1.25 0.00	21.44 1.32 0.00	23.41 1.60 0.00	17.18 1.42 0.00	15.95 1.44 0.00	19.75 1.34 0.00
HOLTSVILLE_IC_4 23693	18.39 1.27 0.00	17.23 1.19 0.00	16.43 1.17 0.00	15.91 1.15 0.00	13.00 1.00 -0.01	15.78 1.20 0.00	12.42 0.86 -1.45	16.11 1.42 0.00	17.63 1.45 0.00	13.81 1.15 0.00	15.52 1.45 0.00	12.17 1.15 -0.26	16.71 1.48 0.00	16.94 1.42 -0.07	16.52 1.47 -0.56	10.96 0.82 -2.08	14.29 1.17 0.00	16.69 1.21 0.00	18.59 1.25 0.00	21.44 1.32 0.00	23.41 1.60 0.00	17.18 1.42 0.00	15.95 1.44 0.00	19.75 1.34 0.00
HOLTSVILLE_IC_5 23694	18.39 1.27 0.00	17.23 1.19 0.00	16.43 1.17 0.00	15.91 1.15 0.00	13.00 1.00 -0.01	15.78 1.20 0.00	12.42 0.86 -1.45	16.11 1.42 0.00	17.63 1.45 0.00	13.81 1.15 0.00	15.52 1.45 0.00	12.17 1.15 -0.26	16.71 1.48 0.00	16.94 1.42 -0.07	16.52 1.47 -0.56	10.96 0.82 -2.08	14.29 1.17 0.00	16.69 1.21 0.00	18.59 1.25 0.00	21.44 1.32 0.00	23.41 1.60 0.00	17.18 1.42 0.00	15.95 1.44 0.00	19.75 1.34 0.00
HOLTSVILLE_IC_6 23695	18.45 1.34 0.00	17.29 1.26 0.00	16.49 1.23 0.00	15.97 1.21 0.00	13.04 1.05 -0.01	15.84 1.26 0.00	12.46 0.90 -1.45	16.19 1.50 0.00	17.71 1.53 0.00	13.87 1.21 0.00	15.59 1.52 0.00	12.22 1.20 -0.26	16.79 1.55 0.00	17.00 1.47 -0.08	16.61 1.52 -0.60	10.99 0.85 -2.08	14.35 1.23 0.00	16.75 1.27 0.00	18.66 1.32 0.00	21.51 1.39 0.00	23.52 1.70 0.00	17.26 1.51 0.00	16.02 1.51 0.00	19.84 1.43 0.00
HOLTSVILLE_IC_7 23696	18.45 1.34 0.00	17.29 1.26 0.00	16.49 1.23 0.00	15.97 1.21 0.00	13.04 1.05 -0.01	15.84 1.26 0.00	12.46 0.90 -1.45	16.19 1.50 0.00	17.71 1.53 0.00	13.87 1.21 0.00	15.59 1.52 0.00	12.22 1.20 -0.26	16.79 1.55 0.00	17.00 1.47 -0.08	16.61 1.52 -0.60	10.99 0.85 -2.08	14.35 1.23 0.00	16.75 1.27 0.00	18.66 1.32 0.00	21.51 1.39 0.00	23.52 1.70 0.00	17.26 1.51 0.00	16.02 1.51 0.00	19.84 1.43 0.00
HOLTSVILLE_IC_8 23697	18.45 1.34 0.00	17.29 1.26 0.00	16.49 1.23 0.00	15.97 1.21 0.00	13.04 1.05 -0.01	15.84 1.26 0.00	12.46 0.90 -1.45	16.19 1.50 0.00	17.71 1.53 0.00	13.87 1.21 0.00	15.59 1.52 0.00	12.22 1.20 -0.26	16.79 1.55 0.00	17.00 1.47 -0.08	16.61 1.52 -0.60	10.99 0.85 -2.08	14.35 1.23 0.00	16.75 1.27 0.00	18.66 1.32 0.00	21.51 1.39 0.00	23.52 1.70 0.00	17.26 1.51 0.00	16.02 1.51 0.00	19.84 1.43 0.00
HOLTSVILLE_IC_9 23698	18.45 1.34 0.00	17.29 1.26 0.00	16.49 1.23 0.00	15.97 1.21 0.00	13.04 1.05 -0.01	15.84 1.26 0.00	12.46 0.90 -1.45	16.19 1.50 0.00	17.71 1.53 0.00	13.87 1.21 0.00	15.59 1.52 0.00	12.22 1.20 -0.26	16.79 1.55 0.00	17.00 1.47 -0.08	16.61 1.52 -0.60	10.99 0.85 -2.08	14.35 1.23 0.00	16.75 1.27 0.00	18.66 1.32 0.00	21.51 1.39 0.00	23.52 1.70 0.00	17.26 1.51 0.00	16.02 1.51 0.00	19.84 1.43 0.00
HOMER_HL_115KV_TB2 355744	16.41 -0.71 0.00	15.58 -0.46 0.00	14.81 -0.45 0.00	14.38 -0.38 0.00	11.71 -0.28 0.00	14.40 -0.18 0.00	10.13 -0.13 -0.15	14.42 -0.27 0.00	15.91 -0.27 0.00	12.36 -0.30 0.00	13.69 -0.38 0.00	10.41 -0.36 0.00	14.72 -0.52 0.00	14.86 -0.60 0.00	13.91 -0.59 0.00	7.87 -0.40 -0.21	12.25 -0.80 0.07	14.58 -0.90 0.00	16.34 -1.01 0.00	19.07 -1.05 0.00	20.87 -0.94 0.00	15.53 -0.23 0.00	14.30 -0.21 0.00	18.29 -0.12 0.00
HOWARD_WT_PWR 323690	15.23 -1.89 0.00	14.39 -1.64 0.00	13.71 -1.56 0.00	13.26 -1.50 0.00	10.81 -1.18 0.00	13.26 -1.32 0.00	9.37 -0.90 -0.16	13.36 -1.33 0.00	14.76 -1.42 0.00	11.49 -1.17 0.00	12.71 -1.37 0.00	9.64 -1.12 0.00	13.68 -1.56 0.00	13.81 -1.64 0.00	12.92 -1.57 0.00	7.36 -0.93 -0.23	12.40 -1.66 -0.93	13.55 -1.94 0.00	15.26 -2.08 0.00	17.88 -2.24 0.00	19.55 -2.26 0.00	14.48 -1.28 0.00	13.38 -1.13 0.00	17.18 -1.24 0.00
HQ_GEN_CEDARS 23644	17.17 0.05 0.00	16.05 0.02 0.00	15.24 -0.03 0.00	14.70 -0.06 0.00	11.87 -0.12 0.00	14.37 -0.21 0.00	9.94 -0.17 0.00	14.40 -0.29 0.00	17.17 -0.32 -1.31	13.40 -0.22 -0.96	13.85 -0.23 0.00	10.57 -0.19 0.00	16.22 -0.19 -1.17	16.69 -0.18 -1.42	15.71 -0.17 -1.39	9.09 -0.12 -1.15	-3.58 -0.11 16.59	6.40 -0.10 8.97	13.51 -0.09 3.74	21.68 -0.04 -1.60	23.40 -0.07 -1.66	-1.47 -0.27 16.96	-2.40 -0.23 16.69	19.70 -0.10 -1.39

HQ_GEN_CEDARS_PROXY 323590	17.17 0.05 0.00	16.05 0.01 0.00	15.24 -0.03 0.00	14.70 -0.06 0.00	11.87 -0.12 0.00	14.37 -0.21 0.00	9.94 -0.17 0.00	14.40 -0.29 0.00	17.17 -0.32 -1.31	13.40 -0.22 -0.96	13.85 -0.23 0.00	10.57 -0.19 0.00	16.22 -0.19 -1.17	16.69 -0.18 -1.42	15.71 -0.17 -1.39	9.08 -0.12 -1.15	-3.58 -0.11 16.59	6.40 -0.10 8.97	13.51 -0.09 3.74	21.68 -0.04 -1.60	23.40 -0.07 -1.66	-1.47 -0.27 16.96	-2.40 -0.23 16.69	19.70 -0.10 -1.39
HQ_GEN_IMPORT 323601	17.13 0.01 0.00	16.01 -0.03 0.00	15.21 -0.05 0.00	14.67 -0.08 0.00	11.87 -0.12 0.00	14.41 -0.17 0.00	9.98 -0.13 0.00	14.51 -0.18 0.00	15.98 -0.20 0.00	12.52 -0.14 0.00	13.92 -0.15 0.00	10.64 -0.13 0.00	15.12 -0.12 0.00	15.34 -0.11 0.00	14.37 -0.13 0.00	7.98 -0.08 0.00	11.09 -0.03 2.00	14.29 -0.03 1.16	16.73 -0.03 0.58	20.12 0.00 0.00	21.79 -0.02 0.00	13.55 -0.18 2.03	12.40 -0.16 1.95	18.35 -0.06 0.00
HQ_GEN_WHEEL 23651	17.13 0.01 0.00	16.01 -0.03 0.00	15.21 -0.05 0.00	14.67 -0.08 0.00	11.87 -0.12 0.00	14.41 -0.17 0.00	9.98 -0.13 0.00	14.51 -0.18 0.00	15.98 -0.20 0.00	12.52 -0.14 0.00	13.92 -0.15 0.00	10.64 -0.13 0.00	15.12 -0.12 0.00	15.34 -0.11 0.00	14.37 -0.13 0.00	7.98 -0.08 0.00	11.09 -0.03 2.00	14.29 -0.03 1.16	16.73 -0.03 0.58	20.12 0.00 0.00	21.79 -0.02 0.00	13.55 -0.18 2.03	12.40 -0.16 1.95	18.35 -0.06 0.00
HUDSON_AVE_GT_3 23810	18.26 1.14 0.00	17.13 1.09 0.00	16.32 1.06 0.00	15.81 1.05 0.00	12.89 0.89 -0.01	15.70 1.12 0.00	12.39 0.83 -1.45	15.86 1.17 0.00	17.46 1.28 0.00	13.67 1.01 0.00	16.33 1.19 -1.07	15.39 0.96 -3.67	16.84 1.29 -0.31	23.18 1.34 -6.38	18.23 1.28 -2.46	16.74 0.72 -7.97	17.04 1.08 -2.84	17.07 1.26 -0.33	18.72 1.38 0.00	21.63 1.51 0.00	23.44 1.63 0.00	17.14 1.36 -0.02	15.76 1.25 0.00	19.56 1.15 0.00
HUDSON_AVE_GT_4 23540	18.26 1.14 0.00	17.13 1.09 0.00	16.32 1.06 0.00	15.81 1.05 0.00	12.89 0.89 -0.01	15.70 1.12 0.00	12.39 0.83 -1.45	15.86 1.17 0.00	17.46 1.28 0.00	13.67 1.01 0.00	16.33 1.19 -1.07	15.39 0.96 -3.67	16.84 1.29 -0.31	23.18 1.34 -6.38	18.23 1.28 -2.46	16.74 0.72 -7.97	17.04 1.08 -2.84	17.07 1.26 -0.33	18.72 1.38 0.00	21.63 1.51 0.00	23.44 1.63 0.00	17.14 1.36 -0.02	15.76 1.25 0.00	19.56 1.15 0.00
HUDSON_AVE_GT_5 23657	18.26 1.14 0.00	17.13 1.09 0.00	16.32 1.06 0.00	15.81 1.05 0.00	12.89 0.89 -0.01	15.70 1.12 0.00	12.39 0.83 -1.45	15.86 1.17 0.00	17.46 1.28 0.00	13.67 1.01 0.00	16.33 1.19 -1.07	15.39 0.96 -3.67	16.84 1.29 -0.31	23.18 1.34 -6.38	18.23 1.28 -2.46	16.74 0.72 -7.97	17.04 1.08 -2.84	17.07 1.26 -0.33	18.72 1.38 0.00	21.63 1.51 0.00	23.44 1.63 0.00	17.14 1.36 -0.02	15.76 1.25 0.00	19.56 1.15 0.00
HUDSON_AVE_10 24168	18.21 1.09 0.00	17.08 1.05 0.00	16.28 1.02 0.00	15.76 1.01 0.00	12.85 0.85 -0.01	15.66 1.08 0.00	12.36 0.80 -1.45	15.81 1.12 0.00	17.42 1.24 0.00	13.63 0.97 0.00	16.29 1.15 -1.07	15.36 0.93 -3.67	16.80 1.25 -0.31	23.15 1.31 -6.38	18.20 1.25 -2.46	16.73 0.71 -7.97	17.01 1.05 -2.84	17.04 1.23 -0.33	18.69 1.35 0.00	21.59 1.47 0.00	23.40 1.59 0.00	17.10 1.33 -0.02	15.72 1.21 0.00	19.52 1.11 0.00
HUDSON___115KV_TB 4 355613	17.67 0.56 0.00	16.64 0.60 0.00	15.91 0.65 0.00	15.41 0.65 0.00	12.58 0.58 -0.01	15.30 0.71 0.00	12.35 0.50 -1.73	15.37 0.68 0.00	16.86 0.68 0.00	13.19 0.53 0.00	14.63 0.55 0.00	11.24 0.47 0.00	15.85 0.61 0.00	16.12 0.66 0.00	15.17 0.67 0.00	10.94 0.39 -2.49	13.73 0.61 0.00	16.19 0.71 0.00	18.17 0.82 0.00	21.07 0.95 0.00	22.84 1.02 0.00	16.58 0.82 0.00	15.23 0.72 0.00	19.08 0.66 0.00
HUNTER MOUNT___DRP 323613	17.75 0.63 0.00	16.71 0.67 0.00	15.97 0.71 0.00	15.48 0.72 0.00	12.63 0.64 -0.01	15.37 0.79 0.00	12.34 0.55 -1.68	15.43 0.75 0.00	16.93 0.75 0.00	13.23 0.57 0.00	14.67 0.59 0.00	11.27 0.50 0.00	15.89 0.65 0.00	16.16 0.71 0.00	15.22 0.72 0.00	10.89 0.42 -2.41	13.79 0.67 0.00	16.27 0.79 0.00	18.27 0.93 0.00	21.21 1.09 0.00	22.98 1.17 0.00	16.67 0.91 0.00	15.30 0.79 0.00	19.19 0.77 0.00
HUNTINGTON_RES_REC 323705	18.21 1.10 0.00	17.07 1.04 0.00	16.28 1.01 0.00	15.75 1.00 0.00	12.87 0.88 -0.01	15.62 1.04 0.00	12.31 0.75 -1.45	15.90 1.21 0.00	17.40 1.22 0.00	13.63 0.97 0.00	15.35 1.27 0.00	12.05 1.02 -0.26	16.54 1.30 0.00	16.80 1.27 -0.08	16.42 1.33 -0.60	10.88 0.74 -2.08	14.16 1.03 0.00	16.53 1.06 0.00	18.41 1.07 0.00	21.22 1.10 0.00	23.13 1.32 0.00	16.96 1.21 0.00	15.75 1.24 0.00	19.50 1.09 0.00
HUNTLEY___63 23557	15.83 -1.28 0.00	14.97 -1.07 0.00	14.14 -1.13 0.00	13.72 -1.04 0.00	11.17 -0.82 0.00	13.67 -0.91 0.00	9.62 -0.61 -0.12	13.67 -1.02 0.00	15.10 -1.08 0.00	11.69 -0.97 0.00	12.91 -1.16 0.00	9.76 -1.01 0.00	13.69 -1.55 0.00	13.75 -1.71 0.00	12.87 -1.63 0.00	7.29 -0.95 -0.18	11.17 -1.70 0.25	13.58 -1.90 0.00	15.34 -2.00 0.00	18.01 -2.11 0.00	19.78 -2.03 0.00	14.72 -1.04 0.00	13.57 -0.94 0.00	17.54 -0.88 0.00
HUNTLEY___64 23558	15.83 -1.28 0.00	14.97 -1.07 0.00	14.14 -1.13 0.00	13.72 -1.04 0.00	11.17 -0.82 0.00	13.67 -0.91 0.00	9.62 -0.61 -0.12	13.67 -1.02 0.00	15.10 -1.08 0.00	11.69 -0.97 0.00	12.91 -1.16 0.00	9.76 -1.01 0.00	13.69 -1.55 0.00	13.75 -1.71 0.00	12.87 -1.63 0.00	7.29 -0.95 -0.18	11.17 -1.70 0.25	13.58 -1.90 0.00	15.34 -2.00 0.00	18.01 -2.11 0.00	19.78 -2.03 0.00	14.72 -1.04 0.00	13.57 -0.94 0.00	17.54 -0.88 0.00
HUNTLEY___65 23559	15.83 -1.28 0.00	14.97 -1.07 0.00	14.14 -1.13 0.00	13.72 -1.04 0.00	11.17 -0.82 0.00	13.67 -0.91 0.00	9.62 -0.61 -0.12	13.67 -1.02 0.00	15.10 -1.08 0.00	11.69 -0.97 0.00	12.91 -1.16 0.00	9.76 -1.01 0.00	13.69 -1.55 0.00	13.75 -1.71 0.00	12.87 -1.63 0.00	7.29 -0.95 -0.18	11.17 -1.70 0.25	13.58 -1.90 0.00	15.34 -2.00 0.00	18.01 -2.11 0.00	19.78 -2.03 0.00	14.72 -1.04 0.00	13.57 -0.94 0.00	17.54 -0.88 0.00
HUNTLEY___66 23560	15.83 -1.28 0.00	14.97 -1.07 0.00	14.14 -1.13 0.00	13.72 -1.04 0.00	11.17 -0.82 0.00	13.67 -0.91 0.00	9.62 -0.61 -0.12	13.67 -1.02 0.00	15.10 -1.08 0.00	11.69 -0.97 0.00	12.91 -1.16 0.00	9.76 -1.01 0.00	13.69 -1.55 0.00	13.75 -1.71 0.00	12.87 -1.63 0.00	7.29 -0.95 -0.18	11.17 -1.70 0.25	13.58 -1.90 0.00	15.34 -2.00 0.00	18.01 -2.11 0.00	19.78 -2.03 0.00	14.72 -1.04 0.00	13.57 -0.94 0.00	17.54 -0.88 0.00
HUNTLEY___67 23561	15.75 -1.36 0.00	14.89 -1.14 0.00	14.07 -1.20 0.00	13.65 -1.11 0.00	11.11 -0.88 0.00	13.61 -0.98 0.00	9.57 -0.67 -0.13	13.60 -1.09 0.00	15.01 -1.16 0.00	11.64 -1.03 0.00	12.85 -1.22 0.00	9.72 -1.04 0.00	13.67 -1.57 0.00	13.74 -1.72 0.00	12.86 -1.63 0.00	7.29 -0.95 -0.18	11.13 -1.70 0.30	13.57 -1.91 0.00	15.32 -2.02 0.00	17.98 -2.14 0.00	19.73 -2.08 0.00	14.68 -1.07 0.00	13.54 -0.97 0.00	17.47 -0.94 0.00

HUNTLEY___68 23562	15.75 -1.36 0.00	14.89 -1.14 0.00	14.07 -1.20 0.00	13.65 -1.11 0.00	11.11 -0.88 0.00	13.61 -0.98 0.00	9.57 -0.67 -0.13	13.60 -1.09 0.00	15.01 -1.16 0.00	11.64 -1.03 0.00	12.85 -1.22 0.00	9.72 -1.04 0.00	13.67 -1.57 0.00	13.74 -1.72 0.00	12.86 -1.63 0.00	7.29 -0.95 -0.18	11.13 -1.70 0.30	13.57 -1.91 0.00	15.32 -2.02 0.00	17.98 -2.14 0.00	19.73 -2.08 0.00	14.68 -1.07 0.00	13.54 -0.97 0.00	17.47 -0.94 0.00
HYLAND___LFGE 323620	16.66 -0.46 0.00	15.73 -0.31 0.00	14.94 -0.32 0.00	14.44 -0.32 0.00	11.78 -0.20 0.00	14.45 -0.14 0.00	10.19 -0.06 -0.14	14.56 -0.13 0.00	16.08 -0.10 0.00	12.44 -0.22 0.00	13.77 -0.30 0.00	10.48 -0.29 0.00	14.70 -0.53 0.00	14.83 -0.63 0.00	13.83 -0.66 0.00	7.74 -0.51 -0.20	13.13 -1.03 -1.04	14.34 -1.15 0.00	16.17 -1.17 0.00	19.31 -0.81 0.00	21.40 -0.42 0.00	15.80 0.04 0.00	14.52 0.01 0.00	18.56 0.15 0.00
INDECK___CORINTH 23802	17.61 0.49 0.00	16.53 0.49 0.00	15.80 0.53 0.00	15.31 0.56 0.00	12.51 0.51 -0.01	15.17 0.59 0.00	12.41 0.48 -1.82	15.37 0.68 0.00	16.87 0.69 0.00	13.23 0.57 0.00	14.67 0.59 0.00	11.25 0.49 0.00	15.82 0.58 0.00	16.15 0.69 0.00	15.11 0.61 0.00	11.02 0.36 -2.61	13.77 0.64 0.00	16.26 0.78 0.00	18.23 0.89 0.00	21.11 0.99 0.00	22.78 0.97 0.00	16.56 0.80 0.00	15.22 0.71 0.00	18.96 0.55 0.00
INDECK___ILION 23567	17.05 -0.07 0.00	15.97 -0.06 0.00	15.23 -0.04 0.00	14.74 -0.01 0.00	12.03 0.05 0.00	14.66 0.07 0.00	10.16 0.06 0.00	14.76 0.08 0.00	16.24 0.07 0.00	12.70 0.04 0.00	14.11 0.03 0.00	10.81 0.04 0.00	15.27 0.03 0.00	15.50 0.04 0.00	14.54 0.05 0.00	8.09 0.04 0.00	14.06 0.04 -0.90	16.04 0.04 -0.52	17.65 0.05 -0.26	20.15 0.02 0.00	21.84 0.03 0.00	16.76 0.10 -0.91	15.46 0.08 -0.87	18.35 -0.06 0.00
INDECK___OLEAN 23982	16.41 -0.71 0.00	15.60 -0.44 0.00	14.87 -0.39 0.00	14.36 -0.39 0.00	11.72 -0.26 0.00	14.41 -0.17 0.00	10.13 -0.13 -0.15	14.42 -0.27 0.00	15.91 -0.27 0.00	12.36 -0.29 0.00	13.69 -0.38 0.00	10.41 -0.36 0.00	14.73 -0.51 0.00	14.86 -0.59 0.00	13.91 -0.58 0.00	7.88 -0.39 -0.21	12.26 -0.79 0.07	14.58 -0.89 0.00	16.34 -1.01 0.00	19.07 -1.05 0.00	20.88 -0.94 0.00	15.52 -0.24 0.00	14.30 -0.21 0.00	18.30 -0.11 0.00
INDECK___OSWEGO 23783	16.55 -0.57 0.00	15.53 -0.50 0.00	14.78 -0.48 0.00	14.30 -0.46 0.00	11.64 -0.35 0.00	14.17 -0.41 0.00	9.88 -0.29 -0.06	14.27 -0.42 0.00	15.74 -0.44 0.00	12.30 -0.36 0.00	13.66 -0.41 0.00	10.43 -0.34 0.00	14.71 -0.53 0.00	14.88 -0.58 0.00	13.96 -0.54 0.00	7.85 -0.30 -0.09	12.06 -0.54 0.52	14.54 -0.64 0.30	16.47 -0.72 0.15	19.31 -0.81 0.00	20.97 -0.84 0.00	14.73 -0.50 0.53	13.54 -0.47 0.51	17.87 -0.54 0.00
INDECK___YERKES 23781	15.85 -1.27 0.00	15.00 -1.03 0.00	14.22 -1.04 0.00	13.71 -1.04 0.00	11.20 -0.79 0.00	13.69 -0.89 0.00	9.64 -0.60 -0.12	13.69 -1.00 0.00	15.12 -1.06 0.00	11.70 -0.96 0.00	12.93 -1.14 0.00	9.78 -0.99 0.00	13.71 -1.53 0.00	13.77 -1.68 0.00	12.89 -1.61 0.00	7.31 -0.93 -0.18	11.20 -1.67 0.25	13.61 -1.87 0.00	15.36 -1.98 0.00	18.05 -2.08 0.00	19.80 -2.01 0.00	14.73 -1.02 0.00	13.58 -0.93 0.00	17.56 -0.85 0.00
INDIAN POINT___GT_1 24139	18.07 0.95 0.00	16.95 0.91 0.00	16.17 0.91 0.00	15.66 0.90 0.00	12.78 0.78 -0.01	15.56 0.98 0.00	12.28 0.72 -1.45	15.72 1.03 0.00	17.29 1.11 0.00	13.54 0.87 0.00	15.10 1.02 0.00	11.59 0.83 0.00	16.35 1.12 0.00	16.62 1.17 0.00	15.62 1.12 0.00	10.76 0.63 -2.08	14.06 0.94 0.00	16.57 1.09 0.00	18.54 1.20 0.00	21.40 1.28 0.00	23.20 1.39 0.00	16.94 1.19 0.00	15.60 1.09 0.00	19.40 0.99 0.00
INDIAN POINT___GT_2 23659	18.07 0.95 0.00	16.95 0.91 0.00	16.17 0.91 0.00	15.66 0.90 0.00	12.78 0.78 -0.01	15.56 0.98 0.00	12.28 0.72 -1.45	15.72 1.03 0.00	17.29 1.11 0.00	13.54 0.87 0.00	15.10 1.02 0.00	11.59 0.83 0.00	16.35 1.12 0.00	16.62 1.17 0.00	15.62 1.12 0.00	10.76 0.63 -2.08	14.06 0.94 0.00	16.57 1.09 0.00	18.54 1.20 0.00	21.40 1.28 0.00	23.20 1.39 0.00	16.94 1.19 0.00	15.60 1.09 0.00	19.40 0.99 0.00
INDIAN POINT___GT_3 24019	18.07 0.95 0.00	16.95 0.91 0.00	16.17 0.91 0.00	15.66 0.90 0.00	12.78 0.78 -0.01	15.56 0.98 0.00	12.28 0.72 -1.45	15.72 1.03 0.00	17.29 1.11 0.00	13.54 0.87 0.00	15.10 1.02 0.00	11.59 0.83 0.00	16.35 1.12 0.00	16.62 1.17 0.00	15.62 1.12 0.00	10.76 0.63 -2.08	14.06 0.94 0.00	16.57 1.09 0.00	18.54 1.20 0.00	21.40 1.28 0.00	23.20 1.39 0.00	16.94 1.19 0.00	15.60 1.09 0.00	19.40 0.99 0.00
INDIAN POINT___2 23530	18.08 0.97 0.00	16.97 0.93 0.00	16.19 0.92 0.00	15.67 0.92 0.00	12.78 0.79 -0.01	15.57 0.99 0.00	12.29 0.73 -1.45	15.73 1.05 0.00	17.31 1.13 0.00	13.55 0.89 0.00	15.11 1.04 0.00	11.61 0.84 0.00	16.37 1.13 0.00	16.64 1.18 0.00	15.63 1.14 0.00	10.78 0.64 -2.08	14.07 0.95 0.00	16.58 1.10 0.00	18.56 1.22 0.00	21.43 1.30 0.00	23.22 1.41 0.00	16.96 1.20 0.00	15.62 1.10 0.00	19.42 1.00 0.00
INDIAN POINT___3 23531	17.97 0.85 0.00	16.86 0.83 0.00	16.09 0.83 0.00	15.58 0.82 0.00	12.72 0.72 -0.01	15.48 0.90 0.00	12.20 0.67 -1.42	15.64 0.95 0.00	17.21 1.03 0.00	13.47 0.81 0.00	15.02 0.95 0.00	11.54 0.77 0.00	16.28 1.04 0.00	16.54 1.09 0.00	15.54 1.05 0.00	10.68 0.59 -2.04	13.98 0.86 0.00	16.47 1.00 0.00	18.44 1.10 0.00	21.29 1.17 0.00	23.07 1.26 0.00	16.85 1.09 0.00	15.51 1.00 0.00	19.32 0.91 0.00
INGHAM_C___115KV_TB7 356103	16.80 -0.32 0.00	15.73 -0.31 0.00	15.02 -0.24 0.00	14.56 -0.20 0.00	11.94 -0.05 0.00	14.55 -0.03 0.00	10.09 -0.02 0.00	14.65 -0.03 0.00	16.08 -0.10 0.00	12.56 -0.10 0.00	13.94 -0.13 0.00	10.70 -0.07 0.00	15.08 -0.16 0.00	15.31 -0.15 0.00	14.38 -0.11 0.00	8.01 -0.04 0.00	13.92 -0.10 -0.90	15.87 -0.13 -0.52	17.48 -0.13 -0.26	19.92 -0.20 0.00	21.59 -0.22 0.00	16.64 -0.02 -0.91	15.35 -0.04 -0.87	18.08 -0.34 0.00
IP CORINTH___1 23988	17.61 0.49 0.00	16.53 0.49 0.00	15.80 0.54 0.00	15.31 0.55 0.00	12.51 0.51 -0.01	15.17 0.59 0.00	12.41 0.48 -1.82	15.37 0.68 0.00	16.87 0.69 0.00	13.23 0.57 0.00	14.67 0.60 0.00	11.25 0.49 0.00	15.82 0.58 0.00	16.15 0.69 0.00	15.11 0.62 0.00	11.02 0.36 -2.61	13.77 0.64 0.00	16.26 0.78 0.00	18.23 0.89 0.00	21.11 0.99 0.00	22.78 0.97 0.00	16.56 0.80 0.00	15.22 0.71 0.00	18.96 0.55 0.00
IP___TICONDEROGA 23804	18.16 1.04 0.00	17.09 1.05 0.00	16.47 1.21 0.00	16.01 1.25 0.00	13.04 1.05 -0.01	15.69 1.10 0.00	12.85 0.93 -1.82	16.04 1.36 0.00	17.50 1.32 0.00	13.57 0.91 0.00	14.89 0.81 0.00	11.53 0.76 0.00	16.32 1.08 0.00	16.63 1.17 0.00	15.48 0.98 0.00	11.27 0.61 -2.60	14.34 1.21 0.00	16.98 1.50 0.00	19.06 1.72 0.00	22.02 1.90 0.00	23.47 1.66 0.00	17.16 1.40 0.00	15.76 1.25 0.00	19.37 0.95 0.00

ISLIP_RES_REC 323679	18.53 1.41 0.00	17.36 1.32 0.00	16.55 1.29 0.00	16.03 1.27 0.00	13.09 1.09 -0.01	15.90 1.31 0.00	12.50 0.94 -1.45	16.25 1.56 0.00	17.78 1.60 0.00	13.92 1.26 0.00	15.65 1.57 0.00	12.27 1.24 -0.26	16.86 1.62 0.00	17.06 1.52 -0.08	16.71 1.59 -0.63	11.03 0.89 -2.08	14.41 1.29 0.00	16.81 1.33 0.00	18.73 1.39 0.00	21.61 1.49 0.00	23.62 1.81 0.00	17.35 1.59 0.00	16.09 1.58 0.00	19.93 1.51 0.00
JAMAICA__27_KV_LOAD 355505	18.30 1.18 0.00	17.16 1.13 0.00	16.35 1.09 0.00	15.84 1.08 0.00	12.90 0.91 -0.01	15.74 1.15 0.00	12.42 0.87 -1.45	15.89 1.20 0.00	17.52 1.34 0.00	13.70 1.04 0.00	16.38 1.23 -1.07	15.43 1.00 -3.67	16.88 1.33 -0.31	23.28 1.44 -6.38	18.33 1.38 -2.46	16.80 0.78 -7.97	17.10 1.14 -2.84	17.16 1.35 -0.33	18.84 1.49 0.00	21.75 1.63 0.00	23.59 1.78 0.00	17.23 1.45 -0.02	15.83 1.32 0.00	19.66 1.25 0.00
JANIS__SOLAR 323808	17.15 0.03 0.00	16.10 0.06 0.00	15.37 0.11 0.00	14.91 0.15 0.00	12.17 0.18 0.00	14.83 0.25 0.00	10.49 0.18 -0.21	14.96 0.27 0.00	16.52 0.34 0.00	12.83 0.17 0.00	14.24 0.17 0.00	10.80 0.03 0.00	15.25 0.01 0.00	15.44 -0.01 0.00	14.52 0.03 0.00	8.38 0.02 -0.30	13.21 0.02 -0.07	15.55 0.07 0.00	17.39 0.05 0.00	20.29 0.17 0.00	22.04 0.23 0.00	16.04 0.28 0.00	14.74 0.22 0.00	18.68 0.27 0.00
JARVIS____ 23743	17.16 0.04 0.00	16.08 0.05 0.00	15.31 0.05 0.00	14.82 0.06 0.00	12.06 0.07 0.00	14.68 0.09 0.00	10.18 0.07 0.00	14.79 0.10 0.00	16.29 0.11 0.00	12.74 0.08 0.00	14.17 0.09 0.00	10.84 0.08 0.00	15.33 0.09 0.00	15.55 0.10 0.00	14.60 0.10 0.00	8.11 0.06 0.00	14.09 0.07 -0.90	16.08 0.08 -0.52	17.69 0.09 -0.26	20.20 0.08 0.00	21.90 0.09 0.00	16.78 0.11 -0.91	15.48 0.10 -0.87	18.47 0.05 0.00
JENNISON__1 23625	16.92 -0.19 0.00	15.83 -0.21 0.00	15.12 -0.14 0.00	14.73 -0.03 0.00	12.07 0.09 0.00	14.64 0.06 0.00	10.42 0.05 -0.26	14.78 0.09 0.00	16.30 0.12 0.00	12.68 0.02 0.00	14.09 0.02 0.00	10.71 -0.06 0.00	15.14 -0.10 0.00	15.33 -0.12 0.00	14.40 -0.09 0.00	8.36 -0.06 -0.37	12.99 -0.13 0.00	15.37 -0.11 0.00	17.19 -0.16 0.00	20.02 -0.10 0.00	21.73 -0.08 0.00	15.80 0.04 0.00	14.52 0.01 0.00	18.34 -0.07 0.00
JENNISON__2 23626	16.92 -0.19 0.00	15.83 -0.21 0.00	15.12 -0.14 0.00	14.73 -0.03 0.00	12.07 0.09 0.00	14.64 0.06 0.00	10.42 0.05 -0.26	14.78 0.09 0.00	16.30 0.12 0.00	12.68 0.02 0.00	14.09 0.02 0.00	10.71 -0.06 0.00	15.14 -0.10 0.00	15.33 -0.12 0.00	14.40 -0.09 0.00	8.36 -0.06 -0.37	12.99 -0.13 0.00	15.37 -0.11 0.00	17.19 -0.16 0.00	20.02 -0.10 0.00	21.73 -0.08 0.00	15.80 0.04 0.00	14.52 0.01 0.00	18.34 -0.07 0.00
JERICHO_RISE_WT_PWR 323719	17.21 0.09 0.00	16.16 0.12 0.00	15.37 0.11 0.00	14.90 0.15 0.00	11.96 -0.03 0.00	14.27 -0.31 0.00	9.75 -0.36 0.00	13.94 -0.75 0.00	-19.42 -0.83 34.77	-13.55 -0.61 25.59	13.48 -0.59 0.00	10.33 -0.44 0.00	-16.42 -0.68 30.98	-22.70 -0.66 37.50	-22.95 -0.63 36.82	-22.71 -0.37 30.39	-21.45 -0.50 34.07	-22.01 -0.57 36.93	-22.43 -0.61 39.16	-22.92 -0.65 42.39	-22.96 -0.73 44.04	-16.23 -0.76 31.23	-6.49 -0.60 20.40	-19.23 -0.70 36.94
KATONAH__115KV_46KV_TB4 355592	18.10 0.98 0.00	16.99 0.95 0.00	16.20 0.94 0.00	15.69 0.93 0.00	12.80 0.80 -0.01	15.59 1.01 0.00	12.32 0.74 -1.47	15.76 1.07 0.00	17.35 1.17 0.00	13.59 0.92 0.00	15.14 1.07 0.00	11.63 0.86 0.00	16.39 1.15 0.00	16.67 1.22 0.00	15.66 1.17 0.00	10.82 0.66 -2.10	14.11 0.99 0.00	16.63 1.15 0.00	18.61 1.27 0.00	21.50 1.38 0.00	23.30 1.49 0.00	17.01 1.25 0.00	15.65 1.14 0.00	19.47 1.06 0.00
KCE_NY_1 323755	17.75 0.64 0.00	16.65 0.61 0.00	15.90 0.63 0.00	15.40 0.64 0.00	12.59 0.59 -0.01	15.29 0.71 0.00	12.46 0.54 -1.81	15.44 0.75 0.00	16.96 0.78 0.00	13.27 0.61 0.00	14.72 0.65 0.00	11.27 0.50 0.00	15.90 0.66 0.00	16.20 0.75 0.00	15.19 0.70 0.00	11.07 0.41 -2.60	13.79 0.67 0.00	16.27 0.80 0.00	18.24 0.90 0.00	21.14 1.02 0.00	22.86 1.05 0.00	16.60 0.85 0.00	15.29 0.78 0.00	19.12 0.71 0.00
KCE_NY_6_ESR 323823	15.91 -1.20 0.00	15.05 -0.99 0.00	14.27 -0.99 0.00	13.77 -0.98 0.00	11.24 -0.75 0.00	13.76 -0.82 0.00	9.67 -0.57 -0.13	13.76 -0.92 0.00	15.20 -0.97 0.00	11.80 -0.86 0.00	13.04 -1.04 0.00	9.86 -0.91 0.00	13.88 -1.36 0.00	13.97 -1.48 0.00	13.07 -1.42 0.00	7.41 -0.84 -0.19	11.29 -1.52 0.31	13.77 -1.71 0.00	15.53 -1.82 0.00	18.22 -1.89 0.00	19.99 -1.82 0.00	14.88 -0.88 0.00	13.72 -0.79 0.00	17.69 -0.72 0.00
KEDC_PORT_JEFF_GT2 24210	18.42 1.31 0.00	17.26 1.23 0.00	16.47 1.21 0.00	15.94 1.18 0.00	13.02 1.03 -0.01	15.81 1.23 0.00	12.44 0.88 -1.45	16.15 1.47 0.00	17.67 1.50 0.00	13.84 1.18 0.00	15.57 1.49 0.00	12.20 1.17 -0.26	16.75 1.51 0.00	16.98 1.45 -0.07	16.57 1.49 -0.58	10.98 0.84 -2.08	14.32 1.20 0.00	16.71 1.23 0.00	18.58 1.23 0.00	21.42 1.30 0.00	23.40 1.59 0.00	17.22 1.47 0.00	15.99 1.48 0.00	19.80 1.39 0.00
KEDC_PORT_JEFF_GT3 24211	18.42 1.31 0.00	17.26 1.23 0.00	16.47 1.21 0.00	15.94 1.18 0.00	13.02 1.03 -0.01	15.81 1.23 0.00	12.44 0.88 -1.45	16.15 1.47 0.00	17.67 1.50 0.00	13.84 1.18 0.00	15.57 1.49 0.00	12.20 1.17 -0.26	16.75 1.51 0.00	16.98 1.45 -0.07	16.57 1.49 -0.58	10.98 0.84 -2.08	14.32 1.20 0.00	16.71 1.23 0.00	18.58 1.23 0.00	21.42 1.30 0.00	23.40 1.59 0.00	17.22 1.47 0.00	15.99 1.48 0.00	19.80 1.39 0.00
KEDC_GLWD_GT4 24219	18.21 1.09 0.00	17.08 1.04 0.00	16.28 1.02 0.00	15.76 1.01 0.00	12.87 0.87 -0.01	15.65 1.07 0.00	12.34 0.78 -1.45	15.85 1.17 0.00	17.41 1.23 0.00	13.65 0.99 0.00	15.27 1.20 0.00	11.99 0.96 -0.26	16.50 1.27 0.00	17.08 1.30 -0.32	18.28 1.30 -2.48	10.87 0.73 -2.09	14.18 1.06 0.00	16.65 1.17 0.00	18.61 1.26 0.00	21.48 1.36 0.00	23.33 1.52 0.00	17.05 1.30 0.00	15.75 1.24 0.00	19.54 1.13 0.00
KEDC_GLWD_GT5 24220	18.21 1.09 0.00	17.08 1.04 0.00	16.28 1.02 0.00	15.76 1.01 0.00	12.87 0.87 -0.01	15.65 1.07 0.00	12.34 0.78 -1.45	15.85 1.17 0.00	17.41 1.23 0.00	13.65 0.99 0.00	15.27 1.20 0.00	11.99 0.96 -0.26	16.50 1.27 0.00	17.08 1.30 -0.32	18.28 1.30 -2.48	10.87 0.73 -2.09	14.18 1.06 0.00	16.65 1.17 0.00	18.61 1.26 0.00	21.48 1.36 0.00	23.33 1.52 0.00	17.05 1.30 0.00	15.75 1.24 0.00	19.54 1.13 0.00
KENSICO____ 23655	18.08 0.96 0.00	16.96 0.93 0.00	16.18 0.92 0.00	15.67 0.91 0.00	12.78 0.79 -0.01	15.57 0.98 0.00	12.28 0.73 -1.45	15.73 1.04 0.00	17.30 1.13 0.00	13.54 0.88 0.00	15.11 1.04 0.00	11.60 0.84 0.00	16.36 1.13 0.00	16.63 1.17 0.00	15.62 1.13 0.00	10.77 0.64 -2.08	14.07 0.95 0.00	16.57 1.10 0.00	18.55 1.21 0.00	21.42 1.30 0.00	23.21 1.40 0.00	16.95 1.19 0.00	15.61 1.10 0.00	19.41 1.00 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.22 1.11 0.00	17.07 1.04 0.00	16.27 1.01 0.00	15.76 1.00 0.00	12.86 0.86 -0.01	15.67 1.09 0.00	12.21 0.80 -1.30	15.86 1.17 0.00	17.44 1.26 0.00	13.65 0.99 0.00	15.22 1.15 0.00	11.65 0.89 0.00	16.45 1.22 0.00	16.78 1.33 0.00	15.79 1.29 0.00	10.64 0.71 -1.87	14.17 1.05 0.00	16.75 1.27 0.00	18.79 1.45 0.00	21.72 1.60 0.00	23.54 1.73 0.00	17.17 1.41 0.00	15.79 1.27 0.00	19.69 1.28 0.00
KIAC_JFK_GT1 23816	18.21 1.10 0.00	17.08 1.04 0.00	16.27 1.01 0.00	15.76 1.00 0.00	12.84 0.84 -0.01	15.66 1.08 0.00	12.37 0.81 -1.45	15.80 1.12 0.00	17.43 1.25 0.00	13.63 0.97 0.00	16.29 1.15 -1.07	15.37 0.94 -3.67	16.80 1.25 -0.31	23.19 1.35 -6.38	18.25 1.30 -2.46	16.75 0.73 -7.97	17.04 1.08 -2.84	17.08 1.27 -0.33	18.74 1.40 0.00	21.63 1.51 0.00	23.46 1.64 0.00	17.13 1.36 -0.02	15.75 1.24 0.00	19.56 1.15 0.00
KIAC_JFK_GT2 23817	18.21 1.10 0.00	17.08 1.04 0.00	16.27 1.01 0.00	15.76 1.00 0.00	12.84 0.84 -0.01	15.66 1.08 0.00	12.37 0.81 -1.45	15.80 1.12 0.00	17.43 1.25 0.00	13.63 0.97 0.00	16.29 1.15 -1.07	15.37 0.94 -3.67	16.80 1.25 -0.31	23.19 1.35 -6.38	18.25 1.30 -2.46	16.75 0.73 -7.97	17.04 1.08 -2.84	17.08 1.27 -0.33	18.74 1.40 0.00	21.63 1.51 0.00	23.46 1.64 0.00	17.13 1.36 -0.02	15.75 1.24 0.00	19.56 1.15 0.00
KIAC_JFK____ 323774	18.21 1.09 0.00	17.08 1.04 0.00	16.27 1.01 0.00	15.76 1.00 0.00	12.84 0.84 -0.01	15.66 1.08 0.00	12.37 0.81 -1.45	15.80 1.12 0.00	17.43 1.25 0.00	13.63 0.97 0.00	16.29 1.15 -1.07	15.37 0.94 -3.67	16.81 1.25 -0.32	23.19 1.35 -6.39	18.25 1.30 -2.46	16.75 0.73 -7.97	17.04 1.08 -2.84	17.08 1.27 -0.34	18.74 1.40 0.00	21.64 1.51 -0.01	23.46 1.64 0.00	17.14 1.36 -0.02	15.75 1.24 0.00	19.56 1.15 0.00
KINTIGH____ 23543	15.87 -1.24 0.00	15.00 -1.04 0.00	14.18 -1.08 0.00	13.75 -1.01 0.00	11.19 -0.79 0.00	13.70 -0.88 0.00	9.62 -0.60 -0.11	13.71 -0.98 0.00	15.13 -1.05 0.00	11.75 -0.91 0.00	12.99 -1.08 0.00	9.84 -0.92 0.00	13.84 -1.40 0.00	13.92 -1.53 0.00	13.04 -1.45 0.00	7.38 -0.84 -0.16	11.46 -1.51 0.15	13.79 -1.69 0.00	15.55 -1.80 0.00	18.21 -1.91 0.00	19.95 -1.86 0.00	14.77 -0.99 0.00	13.62 -0.89 0.00	17.51 -0.91 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	17.50 0.39 0.00	16.48 0.44 0.00	15.71 0.45 0.00	15.24 0.48 0.00	12.20 0.21 0.00	14.46 -0.13 0.00	9.78 -0.33 0.00	13.89 -0.79 0.00	-17.98 -0.89 33.27	-12.52 -0.69 24.49	13.44 -0.63 0.00	10.35 -0.42 0.00	-15.11 -0.71 29.65	-21.07 -0.65 35.88	-21.32 -0.59 35.23	-21.37 -0.35 29.08	-20.93 -0.46 33.59	-20.95 -0.52 35.91	-20.93 -0.51 37.76	-20.97 -0.53 40.56	-20.94 -0.61 42.14	-15.90 -0.77 30.89	-6.57 -0.59 20.49	-17.63 -0.70 35.35
LACHUTE____HYDRO 323717	18.16 1.04 0.00	17.08 1.05 0.00	16.46 1.20 0.00	16.01 1.25 0.00	13.04 1.05 -0.01	15.69 1.10 0.00	12.85 0.93 -1.82	16.04 1.36 0.00	17.50 1.32 0.00	13.57 0.91 0.00	14.89 0.81 0.00	11.53 0.76 0.00	16.32 1.08 0.00	16.63 1.17 0.00	15.48 0.98 0.00	11.28 0.62 -2.60	14.34 1.21 0.00	16.98 1.50 0.00	19.06 1.72 0.00	22.02 1.90 0.00	23.47 1.66 0.00	17.16 1.40 0.00	15.76 1.25 0.00	19.37 0.95 0.00
LAWRNCAY_115KV_TB1 80681	17.00 -0.12 0.00	15.89 -0.14 0.00	15.08 -0.18 0.00	14.54 -0.21 0.00	11.73 -0.26 0.00	14.15 -0.43 0.00	9.77 -0.34 0.00	14.10 -0.59 0.00	19.30 -0.66 -3.78	14.96 -0.48 -2.78	13.60 -0.48 0.00	10.40 -0.37 0.00	18.22 -0.39 -3.37	19.16 -0.39 -4.08	18.13 -0.37 -4.01	11.09 -0.27 -3.31	-0.64 -0.38 13.38	9.18 -0.41 5.89	16.19 -0.43 0.72	24.32 -0.42 -4.62	26.13 -0.48 -4.80	1.28 -0.54 13.94	-0.41 -0.45 14.47	22.09 -0.34 -4.02
LEDERLE____ 23769	18.00 0.88 0.00	16.88 0.84 0.00	16.10 0.84 0.00	15.60 0.84 0.00	12.72 0.73 -0.01	15.51 0.92 0.00	12.14 0.68 -1.35	15.66 0.97 0.00	17.23 1.06 0.00	13.49 0.83 0.00	15.06 0.98 0.00	11.56 0.80 0.00	16.33 1.09 0.00	16.60 1.15 0.00	15.59 1.09 0.00	10.60 0.61 -1.94	14.01 0.89 0.00	16.51 1.03 0.00	18.48 1.14 0.00	21.33 1.21 0.00	23.12 1.31 0.00	16.89 1.13 0.00	15.54 1.03 0.00	19.38 0.97 0.00
LIGHTHSE_115KV_TB6 355974	16.49 -0.63 0.00	15.46 -0.58 0.00	14.69 -0.57 0.00	14.21 -0.55 0.00	11.56 -0.43 0.00	14.07 -0.51 0.00	9.83 -0.34 -0.06	14.17 -0.51 0.00	15.62 -0.56 0.00	12.22 -0.44 0.00	13.58 -0.50 0.00	10.37 -0.40 0.00	14.63 -0.61 0.00	14.77 -0.69 0.00	13.86 -0.63 0.00	7.77 -0.37 -0.08	11.12 -0.64 1.36	13.95 -0.74 0.79	16.14 -0.81 0.40	19.23 -0.89 0.00	20.92 -0.89 0.00	13.83 -0.55 1.38	12.65 -0.53 1.33	17.77 -0.64 0.00
LINDEN COGEN____ 23786	18.17 1.06 0.00	17.05 1.01 0.00	16.26 1.00 0.00	15.74 0.99 0.00	12.83 0.84 -0.01	15.64 1.05 0.00	12.34 0.78 -1.45	15.79 1.10 0.00	17.39 1.21 0.00	13.61 0.95 0.00	16.27 1.13 -1.07	15.34 0.91 -3.67	16.78 1.23 -0.32	23.11 1.27 -6.39	18.17 1.22 -2.46	16.70 0.68 -7.97	16.97 1.01 -2.84	16.99 1.17 -0.34	18.63 1.29 0.00	21.52 1.39 -0.01	23.32 1.51 0.00	17.06 1.28 -0.02	15.68 1.17 0.00	19.48 1.06 0.00
LINDHRST_69_KV_BK1 356055	18.41 1.29 0.00	17.25 1.22 0.00	16.44 1.18 0.00	15.91 1.15 0.00	13.00 1.01 -0.01	15.79 1.20 0.00	12.43 0.87 -1.45	16.06 1.37 0.00	17.58 1.41 0.00	13.79 1.13 0.00	15.49 1.42 0.00	12.15 1.12 -0.26	16.68 1.44 0.00	17.06 1.43 -0.18	17.39 1.51 -1.38	10.98 0.84 -2.08	14.33 1.20 0.00	16.76 1.28 0.00	18.68 1.34 0.00	21.57 1.45 0.00	23.51 1.70 0.00	17.22 1.47 0.00	15.96 1.45 0.00	19.76 1.34 0.00
LIPA_MISC_IPP 23656	18.41 1.29 0.00	17.25 1.22 0.00	16.47 1.20 0.00	15.94 1.18 0.00	13.02 1.03 -0.01	15.81 1.23 0.00	12.43 0.87 -1.45	16.24 1.55 0.00	17.75 1.57 0.00	13.90 1.24 0.00	15.60 1.53 0.00	12.23 1.20 -0.26	16.79 1.55 0.00	16.97 1.44 -0.07	16.54 1.48 -0.56	10.96 0.83 -2.08	14.31 1.18 0.00	16.67 1.19 0.00	18.58 1.24 0.00	21.41 1.29 0.00	23.45 1.63 0.00	17.23 1.47 0.00	16.00 1.48 0.00	19.82 1.41 0.00
LISF____SOLAR 323691	18.44 1.33 0.00	17.28 1.25 0.00	16.49 1.23 0.00	15.97 1.21 0.00	13.05 1.05 -0.01	15.84 1.26 0.00	12.45 0.89 -1.45	16.27 1.58 0.00	17.78 1.60 0.00	13.92 1.26 0.00	15.63 1.55 0.00	12.24 1.22 -0.26	16.80 1.57 0.00	16.98 1.45 -0.07	16.56 1.49 -0.57	10.98 0.84 -2.08	14.34 1.21 0.00	16.71 1.23 0.00	18.62 1.28 0.00	21.47 1.35 0.00	23.51 1.69 0.00	17.27 1.51 0.00	16.03 1.52 0.00	19.86 1.45 0.00
LITTLE FALLS____HYD 24013	16.80 -0.32 0.00	15.73 -0.31 0.00	15.02 -0.24 0.00	14.56 -0.20 0.00	11.94 -0.05 0.00	14.55 -0.03 0.00	10.09 -0.02 0.00	14.65 -0.03 0.00	16.08 -0.10 0.00	12.56 -0.10 0.00	13.94 -0.13 0.00	10.70 -0.07 0.00	15.08 -0.16 0.00	15.31 -0.15 0.00	14.38 -0.11 0.00	8.01 -0.04 0.00	13.92 -0.10 -0.90	15.87 -0.13 -0.52	17.48 -0.13 -0.26	19.92 -0.20 0.00	21.59 -0.22 0.00	16.64 -0.02 -0.91	15.35 -0.04 -0.87	18.08 -0.34 0.00

LITTLRIV_115KV_TB1 356100	17.18 0.06 0.00	16.05 0.02 0.00	15.23 -0.03 0.00	14.69 -0.07 0.00	11.85 -0.14 0.00	14.30 -0.28 0.00	9.88 -0.22 0.00	14.27 -0.42 0.00	19.90 -0.47 -4.18	15.38 -0.35 -3.08	13.74 -0.34 0.00	10.50 -0.26 0.00	18.73 -0.24 -3.73	19.72 -0.25 -4.52	18.68 -0.26 -4.44	11.52 -0.20 -3.66	0.03 -0.24 12.85	9.88 -0.22 5.38	16.91 -0.20 0.22	25.10 -0.13 -5.11	26.95 -0.17 -5.31	1.97 -0.35 13.44	0.12 -0.29 14.11	22.74 -0.13 -4.45
LI_NEWBRDGE___DRP 323616	18.12 1.01 0.00	17.00 0.96 0.00	16.21 0.94 0.00	15.69 0.93 0.00	12.82 0.83 -0.01	15.56 0.98 0.00	12.28 0.71 -1.45	15.80 1.11 0.00	17.31 1.14 0.00	13.59 0.93 0.00	15.24 1.17 0.00	11.97 0.94 -0.26	16.45 1.21 0.00	16.70 1.23 -0.02	15.90 1.28 -0.13	10.84 0.70 -2.08	14.11 0.99 0.00	16.52 1.04 0.00	18.43 1.08 0.00	21.27 1.15 0.00	23.14 1.32 0.00	16.94 1.18 0.00	15.69 1.18 0.00	19.43 1.02 0.00
LOCKPORT_115KV_TB60_63_64 80432	15.72 -1.39 0.00	14.88 -1.16 0.00	14.03 -1.23 0.00	13.62 -1.14 0.00	11.09 -0.90 0.00	13.57 -1.02 0.00	9.54 -0.68 -0.12	13.56 -1.12 0.00	14.98 -1.20 0.00	11.59 -1.07 0.00	12.79 -1.28 0.00	9.67 -1.09 0.00	13.58 -1.66 0.00	13.63 -1.82 0.00	12.75 -1.74 0.00	7.23 -1.00 -0.17	11.12 -1.78 0.22	13.47 -2.01 0.00	15.22 -2.12 0.00	17.89 -2.23 0.00	19.66 -2.16 0.00	14.63 -1.13 0.00	13.48 -1.03 0.00	17.41 -1.00 0.00
LOCKPORT___CC1 323769	15.71 -1.41 0.00	14.88 -1.16 0.00	14.08 -1.18 0.00	13.59 -1.17 0.00	11.10 -0.88 0.00	13.57 -1.02 0.00	9.54 -0.69 -0.12	13.55 -1.14 0.00	14.96 -1.21 0.00	11.58 -1.08 0.00	12.79 -1.28 0.00	9.67 -1.10 0.00	13.58 -1.66 0.00	13.64 -1.82 0.00	12.76 -1.73 0.00	7.24 -0.99 -0.17	11.12 -1.77 0.24	13.48 -2.00 0.00	15.22 -2.12 0.00	17.89 -2.23 0.00	19.65 -2.16 0.00	14.62 -1.14 0.00	13.48 -1.04 0.00	17.41 -1.00 0.00
LOCKPORT___CC2 323770	15.71 -1.41 0.00	14.88 -1.16 0.00	14.08 -1.18 0.00	13.59 -1.17 0.00	11.10 -0.88 0.00	13.57 -1.02 0.00	9.54 -0.69 -0.12	13.55 -1.14 0.00	14.96 -1.21 0.00	11.58 -1.08 0.00	12.79 -1.28 0.00	9.67 -1.10 0.00	13.58 -1.66 0.00	13.64 -1.82 0.00	12.76 -1.73 0.00	7.24 -0.99 -0.17	11.12 -1.77 0.24	13.48 -2.00 0.00	15.22 -2.12 0.00	17.89 -2.23 0.00	19.65 -2.16 0.00	14.62 -1.14 0.00	13.48 -1.04 0.00	17.41 -1.00 0.00
LOCKPORT___CC3 323771	15.71 -1.41 0.00	14.88 -1.16 0.00	14.08 -1.18 0.00	13.59 -1.17 0.00	11.10 -0.88 0.00	13.57 -1.02 0.00	9.54 -0.69 -0.12	13.55 -1.14 0.00	14.96 -1.21 0.00	11.58 -1.08 0.00	12.79 -1.28 0.00	9.67 -1.10 0.00	13.58 -1.66 0.00	13.64 -1.82 0.00	12.76 -1.73 0.00	7.24 -0.99 -0.17	11.12 -1.77 0.24	13.48 -2.00 0.00	15.22 -2.12 0.00	17.89 -2.23 0.00	19.65 -2.16 0.00	14.62 -1.14 0.00	13.48 -1.04 0.00	17.41 -1.00 0.00
LONG_LAKE_PHOENIX 24014	16.60 -0.52 0.00	15.58 -0.46 0.00	14.82 -0.44 0.00	14.34 -0.41 0.00	11.68 -0.31 0.00	14.23 -0.35 0.00	9.93 -0.25 -0.07	14.33 -0.36 0.00	15.81 -0.37 0.00	12.36 -0.30 0.00	13.72 -0.36 0.00	10.48 -0.29 0.00	14.77 -0.47 0.00	14.95 -0.51 0.00	14.02 -0.48 0.00	7.88 -0.27 -0.10	12.63 -0.50 0.00	14.90 -0.57 0.00	16.69 -0.65 0.00	19.39 -0.73 0.00	21.07 -0.75 0.00	15.33 -0.43 0.00	14.11 -0.40 0.00	17.95 -0.46 0.00
LOVETT___3 23632	17.92 0.80 0.00	16.81 0.77 0.00	16.04 0.78 0.00	15.53 0.77 0.00	12.67 0.67 -0.01	15.44 0.86 0.00	12.10 0.63 -1.36	15.59 0.91 0.00	17.16 0.98 0.00	13.43 0.77 0.00	14.99 0.91 0.00	11.51 0.74 0.00	16.24 1.00 0.00	16.52 1.07 0.00	15.51 1.01 0.00	10.57 0.57 -1.95	13.94 0.82 0.00	16.43 0.95 0.00	18.39 1.05 0.00	21.22 1.10 0.00	23.00 1.19 0.00	16.80 1.05 0.00	15.47 0.96 0.00	19.29 0.87 0.00
LOVETT___4 23642	17.92 0.80 0.00	16.81 0.77 0.00	16.04 0.78 0.00	15.53 0.77 0.00	12.67 0.67 -0.01	15.44 0.86 0.00	12.10 0.63 -1.36	15.59 0.91 0.00	17.16 0.98 0.00	13.43 0.77 0.00	14.99 0.91 0.00	11.51 0.74 0.00	16.24 1.00 0.00	16.52 1.07 0.00	15.51 1.01 0.00	10.57 0.57 -1.95	13.94 0.82 0.00	16.43 0.95 0.00	18.39 1.05 0.00	21.22 1.10 0.00	23.00 1.19 0.00	16.80 1.05 0.00	15.47 0.96 0.00	19.29 0.87 0.00
LOVETT___5 23593	17.92 0.80 0.00	16.81 0.77 0.00	16.04 0.78 0.00	15.53 0.77 0.00	12.67 0.67 -0.01	15.44 0.86 0.00	12.10 0.63 -1.36	15.59 0.91 0.00	17.16 0.98 0.00	13.43 0.77 0.00	14.99 0.91 0.00	11.51 0.74 0.00	16.24 1.00 0.00	16.52 1.07 0.00	15.51 1.01 0.00	10.57 0.57 -1.95	13.94 0.82 0.00	16.43 0.95 0.00	18.39 1.05 0.00	21.22 1.10 0.00	23.00 1.19 0.00	16.80 1.05 0.00	15.47 0.96 0.00	19.29 0.87 0.00
LOWER RAQUET___HYD 24057	16.94 -0.18 0.00	15.84 -0.20 0.00	15.03 -0.23 0.00	14.50 -0.26 0.00	11.69 -0.30 0.00	14.08 -0.50 0.00	9.72 -0.39 0.00	14.00 -0.69 0.00	19.97 -0.77 -4.56	15.45 -0.57 -3.36	13.52 -0.56 0.00	10.35 -0.42 0.00	18.86 -0.45 -4.07	19.93 -0.45 -4.93	18.90 -0.44 -4.84	11.73 -0.33 -4.00	0.29 -0.47 12.36	10.06 -0.52 4.91	17.04 -0.54 -0.24	25.15 -0.55 -5.58	26.99 -0.62 -5.79	2.15 -0.63 12.98	0.22 -0.53 13.76	22.85 -0.42 -4.86
LOWER___HUDSON 24059	17.59 0.48 0.00	16.52 0.49 0.00	15.78 0.51 0.00	15.29 0.53 0.00	12.51 0.52 -0.01	15.20 0.62 0.00	12.35 0.45 -1.79	15.30 0.61 0.00	16.80 0.62 0.00	13.13 0.47 0.00	14.55 0.48 0.00	11.17 0.41 0.00	15.74 0.50 0.00	16.04 0.59 0.00	15.03 0.54 0.00	10.97 0.34 -2.57	13.65 0.53 0.00	16.10 0.62 0.00	18.03 0.69 0.00	20.86 0.74 0.00	22.61 0.80 0.00	16.44 0.68 0.00	15.14 0.63 0.00	18.90 0.49 0.00
LOWVILLE_115KV_TB2 356335	16.55 -0.57 0.00	15.50 -0.54 0.00	14.64 -0.62 0.00	14.14 -0.61 0.00	11.48 -0.51 0.00	13.98 -0.60 0.00	9.80 -0.34 -0.02	14.15 -0.54 0.00	16.81 -0.68 -1.31	13.10 -0.52 -0.96	13.47 -0.61 0.00	10.27 -0.49 0.00	15.73 -0.68 -1.17	16.09 -0.78 -1.42	15.17 -0.72 -1.39	8.82 -0.42 -1.19	9.55 -0.62 2.96	13.71 -0.70 1.06	16.81 -0.77 -0.24	20.91 -0.81 -1.60	22.60 -0.88 -1.67	11.95 -0.68 3.12	10.48 -0.66 3.37	18.97 -0.84 -1.40
LUTHERFT_115KV_GLOB_FND_222 355753	17.75 0.63 0.00	16.65 0.62 0.00	15.90 0.64 0.00	15.40 0.64 0.00	12.59 0.59 -0.01	15.30 0.71 0.00	12.45 0.53 -1.81	15.43 0.74 0.00	16.95 0.77 0.00	13.26 0.60 0.00	14.71 0.64 0.00	11.27 0.50 0.00	15.89 0.65 0.00	16.19 0.74 0.00	15.18 0.69 0.00	11.06 0.41 -2.60	13.79 0.66 0.00	16.27 0.79 0.00	18.24 0.90 0.00	21.12 1.00 0.00	22.86 1.04 0.00	16.60 0.85 0.00	15.28 0.77 0.00	19.11 0.69 0.00
LUTHERNY_35_KV_BK2 355980	17.75 0.64 0.00	16.65 0.61 0.00	15.90 0.64 0.00	15.39 0.63 0.00	12.59 0.59 -0.01	15.30 0.71 0.00	12.46 0.54 -1.81	15.43 0.75 0.00	16.96 0.78 0.00	13.27 0.61 0.00	14.72 0.65 0.00	11.27 0.50 0.00	15.89 0.66 0.00	16.20 0.75 0.00	15.19 0.70 0.00	11.07 0.41 -2.60	13.79 0.67 0.00	16.27 0.80 0.00	18.24 0.90 0.00	21.14 1.02 0.00	22.86 1.05 0.00	16.60 0.85 0.00	15.30 0.78 0.00	19.12 0.71 0.00

LWR___OSWEGATCHIE_HYD 23850	16.67 -0.44 0.00	15.60 -0.43 0.00	14.78 -0.48 0.00	14.27 -0.49 0.00	11.54 -0.44 0.00	13.98 -0.60 0.00	9.70 -0.41 0.00	14.02 -0.67 0.00	18.49 -0.79 -3.10	14.34 -0.61 -2.28	13.43 -0.64 0.00	10.27 -0.50 0.00	17.38 -0.63 -2.77	18.12 -0.69 -3.35	17.14 -0.65 -3.29	10.37 -0.41 -2.72	4.34 -0.61 8.17	11.58 -0.69 3.20	16.83 -0.74 -0.23	23.14 -0.78 -3.79	24.90 -0.85 -3.94	6.44 -0.73 8.59	4.72 -0.66 9.13	21.01 -0.71 -3.30
LYONS_FALL_HYD 23570	16.86 -0.26 0.00	15.79 -0.25 0.00	14.97 -0.29 0.00	14.47 -0.29 0.00	11.75 -0.23 0.00	14.31 -0.27 0.00	10.00 -0.13 -0.02	14.48 -0.21 0.00	16.78 -0.28 -0.87	13.09 -0.21 -0.64	13.82 -0.25 0.00	10.56 -0.21 0.00	15.72 -0.30 -0.78	16.04 -0.36 -0.95	15.09 -0.33 -0.93	8.66 -0.19 -0.80	11.23 -0.28 1.61	14.67 -0.31 0.50	17.28 -0.33 -0.27	20.85 -0.34 -1.07	22.56 -0.36 -1.11	13.77 -0.27 1.72	12.33 -0.28 1.90	18.95 -0.39 -0.93
MADISON___COUNTY_LFGE 323628	17.28 0.16 0.00	16.20 0.16 0.00	15.40 0.14 0.00	14.91 0.16 0.00	12.13 0.14 0.00	14.78 0.20 0.00	10.31 0.16 -0.04	14.93 0.24 0.00	16.47 0.29 0.00	12.87 0.21 0.00	14.28 0.21 0.00	10.92 0.16 0.00	15.42 0.18 0.00	15.62 0.16 0.00	14.66 0.16 0.00	8.20 0.10 -0.05	13.26 0.14 0.00	15.68 0.20 0.00	17.56 0.22 0.00	20.40 0.28 0.00	22.14 0.33 0.00	16.05 0.29 0.00	14.74 0.23 0.00	18.66 0.24 0.00
MALONE___115KV_TB1 356076	17.29 0.17 0.00	16.22 0.18 0.00	15.42 0.16 0.00	14.93 0.17 0.00	12.00 0.01 0.00	14.36 -0.22 0.00	9.84 -0.27 0.00	14.11 -0.58 0.00	35.82 -0.64 -20.28	27.12 -0.47 -14.92	13.64 -0.43 0.00	10.44 -0.32 0.00	32.88 -0.46 -18.10	36.94 -0.44 -21.92	35.59 -0.42 -21.52	25.56 -0.27 -17.77	5.42 -0.34 7.35	20.89 -0.36 -5.77	31.91 -0.37 -14.94	44.55 -0.35 -24.78	47.15 -0.40 -25.74	5.83 -0.52 9.41	-0.59 -0.40 14.70	39.58 -0.42 -21.59
MAPLEWOD_115KV_TB3 80458	17.57 0.45 0.00	16.52 0.48 0.00	15.78 0.52 0.00	15.28 0.53 0.00	12.48 0.49 -0.01	15.18 0.59 0.00	12.32 0.43 -1.79	15.27 0.58 0.00	16.78 0.60 0.00	13.12 0.46 0.00	14.57 0.50 0.00	11.20 0.43 0.00	15.78 0.55 0.00	16.06 0.60 0.00	15.09 0.59 0.00	10.97 0.35 -2.57	13.65 0.53 0.00	16.08 0.60 0.00	18.01 0.66 0.00	20.85 0.73 0.00	22.60 0.79 0.00	16.43 0.67 0.00	15.11 0.60 0.00	18.92 0.51 0.00
MAPLE_RIDGE_WT_1 323574	16.76 -0.36 0.00	15.68 -0.36 0.00	14.85 -0.41 0.00	14.36 -0.40 0.00	11.63 -0.36 0.00	14.08 -0.50 0.00	9.79 -0.32 0.00	14.22 -0.46 0.00	15.69 -0.49 0.00	12.34 -0.32 0.00	13.70 -0.37 0.00	10.45 -0.32 0.00	14.79 -0.44 0.00	14.97 -0.48 0.00	14.02 -0.47 0.00	7.78 -0.27 0.00	-18.39 -0.41 31.11	-3.06 -0.50 18.04	7.72 -0.55 9.07	19.54 -0.58 0.00	21.16 -0.65 0.00	-16.36 -0.56 31.56	-16.40 -0.53 30.38	17.81 -0.60 0.00
MAPLE_RIDGE_WT_2 323611	16.76 -0.36 0.00	15.68 -0.36 0.00	14.85 -0.41 0.00	14.36 -0.40 0.00	11.63 -0.36 0.00	14.08 -0.50 0.00	9.79 -0.32 0.00	14.22 -0.46 0.00	15.69 -0.49 0.00	12.34 -0.32 0.00	13.70 -0.37 0.00	10.45 -0.32 0.00	14.79 -0.44 0.00	14.97 -0.48 0.00	14.02 -0.47 0.00	7.78 -0.27 0.00	-18.39 -0.41 31.11	-3.06 -0.50 18.04	7.72 -0.55 9.07	19.54 -0.58 0.00	21.16 -0.65 0.00	-16.36 -0.56 31.56	-16.40 -0.53 30.38	17.81 -0.60 0.00
MARBLE_RIVER_WT_PWR 323696	17.44 0.32 0.00	16.42 0.39 0.00	15.69 0.42 0.00	15.24 0.48 0.00	12.18 0.19 0.00	14.34 -0.25 0.00	9.61 -0.50 0.00	13.55 -1.14 0.00	-18.01 -1.20 32.99	-12.58 -0.95 24.29	13.18 -0.89 0.00	10.18 -0.59 0.00	-15.11 -0.96 29.39	-21.00 -0.88 35.58	-21.23 -0.80 34.93	-21.23 -0.45 28.83	-21.00 -0.62 33.50	-21.00 -0.76 35.72	-21.00 -0.84 37.50	-21.00 -0.90 40.22	-21.00 -1.03 41.78	-16.28 -1.21 30.83	-6.96 -0.97 20.51	-17.76 -1.13 35.05
MARSHVLE_115KV_TB1 80742	17.82 0.70 0.00	16.62 0.58 0.00	15.76 0.49 0.00	15.25 0.49 0.00	12.37 0.37 -0.01	15.07 0.48 0.00	12.45 0.33 -2.01	15.18 0.50 0.00	16.75 0.57 0.00	13.08 0.42 0.00	14.53 0.46 0.00	11.07 0.30 0.00	15.67 0.44 0.00	15.86 0.41 0.00	14.89 0.39 0.00	11.14 0.20 -2.88	13.48 0.36 0.00	15.95 0.47 0.00	17.88 0.54 0.00	20.83 0.71 0.00	22.61 0.80 0.00	16.30 0.54 0.00	14.95 0.44 0.00	19.12 0.71 0.00
MARSH_HILL_WT_PWR 323713	15.23 -1.89 0.00	14.40 -1.64 0.00	13.72 -1.55 0.00	13.27 -1.49 0.00	10.82 -1.17 0.00	13.27 -1.31 0.00	9.37 -0.90 -0.16	13.37 -1.32 0.00	14.78 -1.40 0.00	11.50 -1.16 0.00	12.71 -1.36 0.00	9.65 -1.12 0.00	13.69 -1.55 0.00	13.82 -1.64 0.00	12.93 -1.56 0.00	7.36 -0.93 -0.23	12.49 -1.65 -1.01	13.55 -1.94 0.00	15.26 -2.08 0.00	17.89 -2.24 0.00	19.56 -2.26 0.00	14.48 -1.28 0.00	13.38 -1.13 0.00	17.18 -1.23 0.00
MCINTYRE_115KV_TB2 80467	17.35 0.23 0.00	16.21 0.18 0.00	15.38 0.12 0.00	14.83 0.07 0.00	11.96 -0.02 0.00	14.47 -0.11 0.00	10.01 -0.09 0.00	14.49 -0.20 0.00	19.53 -0.22 -3.57	15.11 -0.17 -2.63	13.90 -0.17 0.00	10.61 -0.15 0.00	18.32 -0.10 -3.19	19.21 -0.10 -3.86	18.17 -0.12 -3.79	11.09 -0.10 -3.13	-0.58 -0.05 13.65	9.35 0.01 6.15	16.43 0.06 0.97	24.68 0.19 -4.36	26.53 0.18 -4.54	1.44 -0.13 14.19	-0.25 -0.10 14.66	22.31 0.09 -3.80
MECO____69_KV_BK1 80468	18.52 1.40 0.00	17.32 1.28 0.00	16.51 1.25 0.00	16.00 1.24 0.00	13.03 1.03 -0.01	15.89 1.31 0.00	12.96 0.92 -1.93	16.06 1.38 0.00	17.70 1.52 0.00	13.74 1.08 0.00	15.20 1.13 0.00	11.63 0.87 0.00	16.41 1.17 0.00	16.63 1.17 0.00	15.69 1.20 0.00	11.48 0.66 -2.76	14.31 1.19 0.00	16.97 1.49 0.00	19.08 1.74 0.00	22.28 2.16 0.00	24.17 2.36 0.00	17.46 1.70 0.00	15.97 1.45 0.00	20.16 1.75 0.00
MENANDS__115KV_TB5 355628	17.52 0.40 0.00	16.48 0.44 0.00	15.75 0.49 0.00	15.25 0.50 0.00	12.46 0.47 -0.01	15.15 0.56 0.00	12.30 0.41 -1.79	15.23 0.54 0.00	16.73 0.55 0.00	13.09 0.43 0.00	14.53 0.46 0.00	11.17 0.40 0.00	15.75 0.51 0.00	16.02 0.56 0.00	15.06 0.56 0.00	10.96 0.33 -2.57	13.61 0.49 0.00	16.03 0.55 0.00	17.96 0.61 0.00	20.78 0.66 0.00	22.52 0.71 0.00	16.37 0.61 0.00	15.06 0.55 0.00	18.86 0.45 0.00
MG INDUSTRY___DRP 24185	17.52 0.40 0.00	16.48 0.45 0.00	15.75 0.49 0.00	15.26 0.50 0.00	12.45 0.46 -0.01	15.14 0.56 0.00	12.26 0.39 -1.76	15.19 0.51 0.00	16.66 0.48 0.00	13.04 0.38 0.00	14.48 0.40 0.00	11.12 0.35 0.00	15.68 0.44 0.00	15.94 0.49 0.00	15.00 0.50 0.00	10.87 0.30 -2.52	13.56 0.44 0.00	15.98 0.50 0.00	17.90 0.56 0.00	20.75 0.63 0.00	22.48 0.67 0.00	16.33 0.57 0.00	15.03 0.52 0.00	18.87 0.46 0.00
MID___OSWEGATCHIE_HYD 23849	16.67 -0.44 0.00	15.60 -0.43 0.00	14.78 -0.48 0.00	14.27 -0.49 0.00	11.54 -0.44 0.00	13.98 -0.60 0.00	9.70 -0.41 0.00	14.02 -0.67 0.00	18.49 -0.79 -3.10	14.34 -0.61 -2.28	13.43 -0.64 0.00	10.27 -0.50 0.00	17.38 -0.63 -2.77	18.12 -0.69 -3.35	17.14 -0.65 -3.29	10.37 -0.41 -2.72	4.34 -0.61 8.17	11.58 -0.69 3.20	16.83 -0.74 -0.23	23.14 -0.78 -3.79	24.90 -0.85 -3.94	6.44 -0.73 8.59	4.72 -0.66 9.13	21.01 -0.71 -3.30

MID___RAQUETTE_HYD 23851	16.94 -0.18 0.00	15.84 -0.20 0.00	15.03 -0.23 0.00	14.50 -0.26 0.00	11.69 -0.30 0.00	14.08 -0.50 0.00	9.72 -0.39 0.00	14.00 -0.69 0.00	19.97 -0.77 -4.56	15.45 -0.57 -3.36	13.51 -0.56 0.00	10.35 -0.42 0.00	18.86 -0.45 -4.07	19.93 -0.45 -4.93	18.90 -0.43 -4.84	11.73 -0.32 -4.00	0.30 -0.47 12.36	10.06 -0.51 4.91	17.04 -0.54 -0.24	25.15 -0.54 -5.58	26.99 -0.61 -5.79	2.15 -0.63 12.98	0.22 -0.53 13.76	22.85 -0.42 -4.86
MILLIKEN___1 23584	17.00 -0.12 0.00	15.96 -0.08 0.00	15.20 -0.06 0.00	14.72 -0.03 0.00	12.00 0.01 0.00	14.64 0.06 0.00	10.31 0.04 -0.16	14.78 0.09 0.00	16.32 0.14 0.00	12.72 0.06 0.00	14.13 0.06 0.00	10.76 -0.01 0.00	15.20 -0.04 0.00	15.39 -0.07 0.00	14.45 -0.04 0.00	8.25 -0.04 -0.23	13.08 -0.12 -0.07	15.34 -0.14 0.00	17.20 -0.15 0.00	20.02 -0.10 0.00	21.73 -0.09 0.00	15.83 0.07 0.00	14.56 0.05 0.00	18.47 0.06 0.00
MILLIKEN___2 23585	17.00 -0.12 0.00	15.96 -0.08 0.00	15.20 -0.06 0.00	14.72 -0.03 0.00	12.00 0.01 0.00	14.64 0.06 0.00	10.31 0.04 -0.16	14.78 0.09 0.00	16.32 0.14 0.00	12.72 0.06 0.00	14.13 0.06 0.00	10.76 -0.01 0.00	15.20 -0.04 0.00	15.39 -0.07 0.00	14.45 -0.04 0.00	8.25 -0.04 -0.23	13.08 -0.12 -0.07	15.34 -0.14 0.00	17.20 -0.15 0.00	20.02 -0.10 0.00	21.73 -0.09 0.00	15.83 0.07 0.00	14.56 0.05 0.00	18.47 0.06 0.00
MILLIKEN___DIESEL 23629	17.00 -0.12 0.00	15.96 -0.08 0.00	15.20 -0.06 0.00	14.72 -0.03 0.00	12.00 0.01 0.00	14.64 0.06 0.00	10.31 0.04 -0.16	14.78 0.09 0.00	16.32 0.14 0.00	12.72 0.06 0.00	14.13 0.06 0.00	10.76 -0.01 0.00	15.20 -0.04 0.00	15.39 -0.07 0.00	14.45 -0.04 0.00	8.25 -0.04 -0.23	13.08 -0.12 -0.07	15.34 -0.14 0.00	17.20 -0.15 0.00	20.02 -0.10 0.00	21.73 -0.09 0.00	15.83 0.07 0.00	14.56 0.05 0.00	18.47 0.06 0.00
MILLSEAT___LFGE 323607	16.03 -1.08 0.00	15.17 -0.87 0.00	14.37 -0.90 0.00	13.87 -0.89 0.00	11.33 -0.66 0.00	13.85 -0.74 0.00	9.74 -0.49 -0.12	13.86 -0.83 0.00	15.32 -0.85 0.00	11.90 -0.77 0.00	13.21 -0.87 0.00	9.98 -0.79 0.00	14.01 -1.23 0.00	14.05 -1.41 0.00	13.14 -1.35 0.00	7.43 -0.80 -0.17	11.48 -1.46 0.18	13.84 -1.64 0.00	15.64 -1.70 0.00	18.43 -1.69 0.00	20.23 -1.58 0.00	15.01 -0.75 0.00	13.80 -0.71 0.00	17.78 -0.63 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.05 0.93 0.00	16.94 0.90 0.00	16.15 0.89 0.00	15.64 0.89 0.00	12.77 0.77 -0.01	15.54 0.96 0.00	12.26 0.71 -1.45	15.70 1.01 0.00	17.27 1.10 0.00	13.52 0.86 0.00	15.08 1.01 0.00	11.58 0.81 0.00	16.33 1.09 0.00	16.60 1.14 0.00	15.59 1.10 0.00	10.75 0.62 -2.07	14.04 0.92 0.00	16.54 1.06 0.00	18.52 1.18 0.00	21.38 1.26 0.00	23.17 1.36 0.00	16.92 1.16 0.00	15.58 1.06 0.00	19.38 0.97 0.00
MILLWOOD_13_KV_LOAD 356217	18.08 0.96 0.00	16.96 0.93 0.00	16.18 0.92 0.00	15.67 0.91 0.00	12.79 0.79 -0.01	15.57 0.99 0.00	12.28 0.73 -1.45	15.73 1.04 0.00	17.31 1.13 0.00	13.55 0.88 0.00	15.10 1.03 0.00	11.60 0.83 0.00	16.36 1.12 0.00	16.63 1.18 0.00	15.62 1.13 0.00	10.77 0.64 -2.07	14.07 0.95 0.00	16.58 1.10 0.00	18.56 1.22 0.00	21.42 1.30 0.00	23.22 1.41 0.00	16.95 1.20 0.00	15.61 1.10 0.00	19.42 1.00 0.00
MODEL_CITY_ENERGY 24167	15.55 -1.56 0.00	14.74 -1.30 0.00	13.94 -1.32 0.00	13.46 -1.30 0.00	11.00 -0.99 0.00	13.43 -1.16 0.00	9.45 -0.79 -0.12	13.41 -1.28 0.00	14.81 -1.37 0.00	11.45 -1.21 0.00	12.64 -1.43 0.00	9.55 -1.21 0.00	13.42 -1.82 0.00	13.48 -1.98 0.00	12.61 -1.88 0.00	7.16 -1.07 -0.17	11.00 -1.89 0.23	13.34 -2.14 0.00	15.05 -2.29 0.00	17.70 -2.42 0.00	19.43 -2.38 0.00	14.46 -1.30 0.00	13.33 -1.18 0.00	17.23 -1.18 0.00
MODERN_LFGE___ 323580	15.55 -1.56 0.00	14.74 -1.30 0.00	13.94 -1.32 0.00	13.46 -1.30 0.00	11.00 -0.99 0.00	13.43 -1.16 0.00	9.45 -0.79 -0.12	13.41 -1.28 0.00	14.81 -1.37 0.00	11.45 -1.21 0.00	12.64 -1.43 0.00	9.55 -1.21 0.00	13.42 -1.82 0.00	13.48 -1.98 0.00	12.61 -1.88 0.00	7.16 -1.07 -0.17	11.00 -1.89 0.23	13.34 -2.14 0.00	15.05 -2.29 0.00	17.70 -2.42 0.00	19.43 -2.38 0.00	14.46 -1.30 0.00	13.33 -1.18 0.00	17.23 -1.18 0.00
MOHAWK_PAPER___DRP 24187	17.57 0.45 0.00	16.52 0.48 0.00	15.78 0.52 0.00	15.28 0.53 0.00	12.48 0.49 -0.01	15.18 0.59 0.00	12.32 0.43 -1.79	15.27 0.58 0.00	16.78 0.60 0.00	13.12 0.46 0.00	14.57 0.50 0.00	11.20 0.43 0.00	15.78 0.55 0.00	16.06 0.60 0.00	15.09 0.59 0.00	10.97 0.35 -2.57	13.65 0.53 0.00	16.08 0.60 0.00	18.01 0.66 0.00	20.85 0.73 0.00	22.60 0.79 0.00	16.43 0.67 0.00	15.11 0.60 0.00	18.92 0.51 0.00
MOHICAN__35_KV_115KV_LD 80490	17.71 0.60 0.00	16.63 0.59 0.00	15.90 0.64 0.00	15.41 0.66 0.00	12.59 0.59 -0.01	15.27 0.68 0.00	12.48 0.55 -1.81	15.47 0.78 0.00	16.98 0.80 0.00	13.28 0.62 0.00	14.71 0.64 0.00	11.29 0.52 0.00	15.89 0.65 0.00	16.22 0.76 0.00	15.18 0.69 0.00	11.06 0.41 -2.60	13.85 0.72 0.00	16.36 0.88 0.00	18.34 1.00 0.00	21.24 1.12 0.00	22.90 1.09 0.00	16.66 0.90 0.00	15.32 0.81 0.00	19.06 0.65 0.00
MONGAUP___HYD 23641	17.81 0.69 0.00	16.70 0.66 0.00	15.91 0.65 0.00	15.41 0.66 0.00	12.57 0.58 -0.01	15.31 0.73 0.00	11.91 0.55 -1.26	15.47 0.78 0.00	16.99 0.81 0.00	13.29 0.63 0.00	14.80 0.73 0.00	11.35 0.58 0.00	16.01 0.77 0.00	16.28 0.82 0.00	15.33 0.84 0.00	10.32 0.46 -1.80	13.79 0.67 0.00	16.31 0.83 0.00	18.30 0.96 0.00	21.16 1.04 0.00	22.94 1.13 0.00	16.72 0.96 0.00	15.37 0.86 0.00	19.20 0.79 0.00
MONTAUK___DIESEL 23721	18.37 1.25 0.00	17.21 1.18 0.00	16.44 1.17 0.00	15.90 1.14 0.00	13.00 1.00 -0.01	15.78 1.20 0.00	12.42 0.86 -1.45	16.26 1.57 0.00	17.77 1.59 0.00	13.91 1.25 0.00	15.59 1.51 0.00	12.19 1.17 -0.26	16.73 1.50 0.00	16.90 1.37 -0.07	16.48 1.42 -0.57	10.94 0.80 -2.08	14.29 1.17 0.00	16.68 1.19 0.00	18.61 1.27 0.00	21.46 1.34 0.00	23.51 1.70 0.00	17.28 1.52 0.00	16.02 1.51 0.00	19.84 1.43 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	15.68 -1.44 0.00	14.84 -1.20 0.00	14.17 -1.09 0.00	13.87 -0.89 0.00	11.31 -0.68 0.00	13.86 -0.73 0.00	9.74 -0.51 -0.14	13.80 -0.89 0.00	15.14 -1.04 0.00	11.74 -0.92 0.00	12.98 -1.09 0.00	9.85 -0.92 0.00	13.92 -1.32 0.00	14.04 -1.42 0.00	13.08 -1.42 0.00	7.39 -0.87 -0.20	11.32 -1.58 0.22	13.67 -1.81 0.00	15.40 -1.94 0.00	18.09 -2.03 0.00	19.92 -1.89 0.00	14.96 -0.79 0.00	13.84 -0.67 0.00	17.76 -0.65 0.00
MORTIMER_115KV_TB3 55949	16.30 -0.82 0.00	15.36 -0.68 0.00	14.55 -0.72 0.00	14.09 -0.67 0.00	11.47 -0.52 0.00	14.02 -0.56 0.00	9.84 -0.38 -0.10	14.07 -0.61 0.00	15.55 -0.63 0.00	12.11 -0.55 0.00	13.42 -0.65 0.00	10.19 -0.57 0.00	14.34 -0.90 0.00	14.45 -1.00 0.00	13.54 -0.95 0.00	7.64 -0.56 -0.14	12.08 -1.04 0.00	14.32 -1.16 0.00	16.14 -1.20 0.00	18.89 -1.23 0.00	20.65 -1.16 0.00	15.19 -0.57 0.00	13.98 -0.53 0.00	17.89 -0.53 0.00

MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.17 1.06 0.00	17.05 1.01 0.00	16.26 1.00 0.00	15.74 0.99 0.00	12.84 0.84 -0.01	15.64 1.06 0.00	12.34 0.78 -1.45	15.80 1.11 0.00	17.39 1.21 0.00	13.61 0.95 0.00	15.16 1.12 0.03	11.57 0.90 0.09	16.45 1.21 0.01	16.55 1.26 0.16	15.64 1.21 0.06	10.67 0.68 -1.94	14.07 1.02 0.07	16.65 1.18 0.01	18.64 1.30 0.00	21.53 1.41 0.00	23.33 1.52 0.00	17.04 1.28 0.00	15.69 1.18 0.00	19.49 1.08 0.00
MUNSVILLE_WIND_PWR 323609	17.33 0.22 0.00	16.26 0.23 0.00	15.60 0.34 0.00	15.17 0.41 0.00	12.41 0.42 0.00	15.09 0.50 0.00	10.67 0.33 -0.23	15.18 0.49 0.00	16.81 0.63 0.00	13.01 0.36 0.00	14.45 0.38 0.00	10.94 0.17 0.00	15.48 0.24 0.00	15.68 0.22 0.00	14.72 0.22 0.00	8.51 0.12 -0.33	13.39 0.21 -0.05	15.81 0.33 0.00	17.69 0.35 0.00	20.63 0.51 0.00	22.38 0.57 0.00	16.25 0.49 0.00	14.92 0.42 0.00	18.88 0.47 0.00
N SALMON___HYD 24042	17.29 0.17 0.00	16.22 0.18 0.00	15.42 0.16 0.00	14.93 0.17 0.00	12.00 0.01 0.00	14.36 -0.22 0.00	9.84 -0.27 0.00	14.11 -0.58 0.00	35.82 -0.65 -20.28	27.12 -0.47 -14.92	13.64 -0.43 0.00	10.44 -0.32 0.00	32.87 -0.46 -18.10	36.93 -0.44 -21.92	35.59 -0.43 -21.52	25.55 -0.27 -17.77	5.42 -0.34 7.35	20.88 -0.37 -5.77	31.90 -0.38 -14.94	44.54 -0.36 -24.78	47.14 -0.42 -25.74	5.83 -0.52 9.41	-0.59 -0.40 14.70	39.58 -0.43 -21.59
N.AKRON___115KV_KNAPP 355671	16.03 -1.09 0.00	15.15 -0.89 0.00	14.30 -0.96 0.00	13.88 -0.88 0.00	11.30 -0.69 0.00	13.83 -0.75 0.00	9.74 -0.49 -0.12	13.85 -0.84 0.00	15.31 -0.87 0.00	11.88 -0.78 0.00	13.18 -0.89 0.00	9.95 -0.82 0.00	13.89 -1.35 0.00	13.93 -1.52 0.00	13.03 -1.46 0.00	7.36 -0.86 -0.17	11.37 -1.55 0.20	13.74 -1.75 0.00	15.54 -1.80 0.00	18.29 -1.84 0.00	20.08 -1.73 0.00	14.91 -0.85 0.00	13.73 -0.78 0.00	17.70 -0.71 0.00
N.BELMOR_69_KV_BK1 55787	18.24 1.13 0.00	17.11 1.07 0.00	16.31 1.04 0.00	15.79 1.03 0.00	12.90 0.90 -0.01	15.66 1.08 0.00	12.35 0.78 -1.45	15.90 1.21 0.00	17.43 1.25 0.00	13.67 1.01 0.00	15.34 1.27 0.00	12.04 1.01 -0.26	16.54 1.30 0.00	17.20 1.33 -0.41	19.08 1.38 -3.21	10.90 0.76 -2.08	14.21 1.09 0.00	16.65 1.17 0.00	18.57 1.23 0.00	21.45 1.33 0.00	23.33 1.52 0.00	17.08 1.32 0.00	15.81 1.29 0.00	19.57 1.16 0.00
N.E_GEN_SANDY PD 24062	17.83 0.71 0.00	16.74 0.71 0.00	16.00 0.74 0.00	15.49 0.74 0.02	13.85 0.70 -1.16	15.43 0.84 0.00	13.34 0.63 -2.60	17.34 0.88 -1.77	17.08 0.90 0.00	13.69 0.70 -0.33	14.44 0.72 0.34	11.37 0.60 0.00	16.02 0.78 0.00	16.33 0.87 0.00	15.16 0.80 0.13	10.96 0.49 -2.42	13.88 0.76 0.00	16.37 0.89 0.00	18.34 0.99 0.00	21.18 1.04 -0.02	22.91 1.10 0.00	16.75 0.96 -0.04	16.21 0.89 -0.81	18.03 0.68 1.07
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	17.95 0.83 0.00	16.83 0.80 0.00	16.06 0.80 0.00	15.55 0.79 0.00	12.69 0.70 -0.01	15.46 0.88 0.00	12.11 0.64 -1.35	15.61 0.93 0.00	17.18 1.00 0.00	13.45 0.79 0.00	15.00 0.93 0.00	11.52 0.76 0.00	16.27 1.03 0.00	16.55 1.09 0.00	15.54 1.04 0.00	10.58 0.58 -1.94	13.96 0.84 0.00	16.45 0.97 0.00	18.42 1.07 0.00	21.26 1.14 0.00	23.04 1.23 0.00	16.83 1.07 0.00	15.49 0.98 0.00	19.32 0.91 0.00
N.QUEENS_27_KV_LOAD 356247	18.32 1.21 0.00	17.17 1.13 0.00	16.37 1.11 0.00	15.85 1.09 0.00	12.92 0.93 -0.01	15.75 1.16 0.00	12.42 0.86 -1.45	15.91 1.22 0.00	17.54 1.35 -0.01	13.71 1.05 0.00	16.38 1.21 -1.09	15.43 0.96 -3.71	16.87 1.31 -0.32	23.22 1.31 -6.45	18.23 1.26 -2.48	16.79 0.71 -8.03	17.08 1.10 -2.87	17.10 1.28 -0.34	18.78 1.44 0.00	21.69 1.57 0.00	23.52 1.71 0.00	17.18 1.40 -0.02	15.81 1.30 0.00	19.62 1.21 0.00
N.TROY___115KV_TB1 355778	17.60 0.48 0.00	16.52 0.49 0.00	15.79 0.53 0.00	15.29 0.53 0.00	12.51 0.52 -0.01	15.20 0.62 0.00	12.35 0.45 -1.79	15.30 0.61 0.00	16.80 0.62 0.00	13.13 0.47 0.00	14.55 0.48 0.00	11.17 0.41 0.00	15.74 0.50 0.00	16.04 0.59 0.00	15.03 0.54 0.00	10.97 0.34 -2.57	13.65 0.53 0.00	16.10 0.62 0.00	18.03 0.69 0.00	20.86 0.74 0.00	22.61 0.79 0.00	16.44 0.68 0.00	15.14 0.63 0.00	18.90 0.49 0.00
NARROWS_GT1_1 24228	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
NARROWS_GT1_2 24229	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
NARROWS_GT1_3 24230	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
NARROWS_GT1_4 24231	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
NARROWS_GT1_5 24232	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
NARROWS_GT1_6 24233	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00

NARROWS_GT1_7 24234	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
NARROWS_GT1_8 24235	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
NARROWS_GT2_1 24236	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
NARROWS_GT2_2 24237	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
NARROWS_GT2_3 24238	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
NARROWS_GT2_4 24239	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
NARROWS_GT2_5 24240	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
NARROWS_GT2_6 24241	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
NARROWS_GT2_7 24242	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
NARROWS_GT2_8 24243	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	17.75 0.63 0.00	16.71 0.67 0.00	15.97 0.71 0.00	15.48 0.72 0.00	12.63 0.64 -0.01	15.37 0.79 0.00	12.34 0.55 -1.68	15.43 0.75 0.00	16.93 0.75 0.00	13.23 0.57 0.00	14.67 0.59 0.00	11.27 0.50 0.00	15.89 0.65 0.00	16.16 0.71 0.00	15.22 0.72 0.00	10.89 0.42 -2.41	13.79 0.67 0.00	16.27 0.79 0.00	18.27 0.93 0.00	21.21 1.09 0.00	22.98 1.17 0.00	16.67 0.91 0.00	15.30 0.79 0.00	19.19 0.77 0.00
NCHELSEA_115KV_TR2 355582	18.16 1.04 0.00	17.03 1.00 0.00	16.24 0.98 0.00	15.73 0.97 0.00	12.84 0.84 -0.01	15.64 1.06 0.00	12.31 0.78 -1.42	15.80 1.12 0.00	17.40 1.22 0.00	13.61 0.95 0.00	15.17 1.10 0.00	11.64 0.87 0.00	16.44 1.20 0.00	16.73 1.27 0.00	15.72 1.22 0.00	10.78 0.69 -2.04	14.16 1.03 0.00	16.69 1.22 0.00	18.70 1.36 0.00	21.61 1.49 0.00	23.42 1.61 0.00	17.08 1.33 0.00	15.71 1.20 0.00	19.57 1.16 0.00
NEG CAPITAL___MECHNVIL 23645	17.74 0.63 0.00	16.65 0.62 0.00	15.89 0.63 0.00	15.40 0.64 0.00	12.59 0.60 -0.01	15.30 0.72 0.00	12.45 0.53 -1.81	15.43 0.74 0.00	16.95 0.78 0.00	13.26 0.60 0.00	14.71 0.63 0.00	11.28 0.51 0.00	15.89 0.65 0.00	16.20 0.74 0.00	15.19 0.69 0.00	11.06 0.41 -2.59	13.79 0.67 0.00	16.28 0.80 0.00	18.25 0.91 0.00	21.13 1.01 0.00	22.88 1.06 0.00	16.62 0.86 0.00	15.29 0.78 0.00	19.11 0.69 0.00
NEG CENTRAL_HIGH_ACRES 23767	16.14 -0.98 0.00	15.20 -0.83 0.00	14.44 -0.82 0.00	13.95 -0.81 0.00	11.37 -0.61 0.00	13.88 -0.70 0.00	9.73 -0.48 -0.10	13.96 -0.73 0.00	15.42 -0.76 0.00	12.02 -0.64 0.00	13.33 -0.74 0.00	10.15 -0.62 0.00	14.30 -0.94 0.00	14.42 -1.03 0.00	13.53 -0.96 0.00	7.64 -0.55 -0.14	12.11 -1.02 0.00	14.32 -1.16 0.00	16.10 -1.24 0.00	18.78 -1.34 0.00	20.47 -1.34 0.00	15.00 -0.76 0.00	13.80 -0.71 0.00	17.64 -0.78 0.00
NEG CENTRAL___DRP 24199	16.66 -0.46 0.00	15.66 -0.37 0.00	14.90 -0.36 0.00	14.43 -0.32 0.00	11.76 -0.23 0.00	14.36 -0.22 0.00	10.06 -0.15 -0.10	14.49 -0.20 0.00	16.01 -0.17 0.00	12.47 -0.18 0.00	13.84 -0.23 0.00	10.54 -0.23 0.00	14.89 -0.34 0.00	15.04 -0.41 0.00	14.11 -0.39 0.00	7.97 -0.24 -0.15	12.75 -0.48 -0.10	14.92 -0.56 0.00	16.74 -0.60 0.00	19.52 -0.60 0.00	21.22 -0.59 0.00	15.51 -0.25 0.00	14.27 -0.24 0.00	18.15 -0.26 0.00

NEG CENTRAL___INDECK 23768	16.41 -0.70 0.00	15.50 -0.54 0.00	14.73 -0.53 0.00	14.23 -0.53 0.00	11.61 -0.37 0.00	14.22 -0.36 0.00	10.03 -0.22 -0.14	14.32 -0.36 0.00	15.84 -0.34 0.00	12.29 -0.37 0.00	13.60 -0.47 0.00	10.35 -0.41 0.00	14.56 -0.67 0.00	14.68 -0.78 0.00	13.72 -0.78 0.00	7.74 -0.52 -0.20	13.13 -1.03 -1.04	14.34 -1.15 0.00	16.15 -1.19 0.00	19.10 -1.02 0.00	21.03 -0.78 0.00	15.52 -0.24 0.00	14.28 -0.23 0.00	18.27 -0.14 0.00
NEG CENTRAL___SENECA 23627	16.59 -0.53 0.00	15.61 -0.43 0.00	14.85 -0.41 0.00	14.39 -0.37 0.00	11.72 -0.27 0.00	14.34 -0.24 0.00	10.07 -0.16 -0.12	14.47 -0.22 0.00	15.99 -0.19 0.00	12.47 -0.19 0.00	13.82 -0.25 0.00	10.51 -0.25 0.00	14.85 -0.38 0.00	14.98 -0.47 0.00	14.05 -0.45 0.00	7.94 -0.28 -0.17	12.72 -0.56 -0.16	14.81 -0.67 0.00	16.64 -0.70 0.00	19.43 -0.69 0.00	21.18 -0.64 0.00	15.52 -0.24 0.00	14.27 -0.24 0.00	18.16 -0.25 0.00
NEG CENTRAL___STATE_STREET 24147	16.89 -0.22 0.00	15.86 -0.18 0.00	15.09 -0.17 0.00	14.62 -0.14 0.00	11.92 -0.07 0.00	14.51 -0.07 0.00	10.14 -0.07 -0.10	14.66 -0.03 0.00	16.18 0.00 0.00	12.58 -0.08 0.00	14.02 -0.06 0.00	10.65 -0.11 0.00	15.07 -0.17 0.00	15.24 -0.21 0.00	14.30 -0.19 0.00	8.06 -0.14 -0.15	12.86 -0.27 0.00	15.17 -0.31 0.00	17.02 -0.32 0.00	19.81 -0.31 0.00	21.44 -0.37 0.00	15.63 -0.13 0.00	14.38 -0.14 0.00	18.28 -0.14 0.00
NEG MILLWOOD___DRP 24198	18.19 1.07 0.00	17.07 1.03 0.00	16.28 1.02 0.00	15.76 1.00 0.00	12.86 0.86 -0.01	15.66 1.08 0.00	12.36 0.80 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.65 0.99 0.00	15.21 1.14 0.00	11.68 0.91 0.00	16.47 1.23 0.00	16.76 1.31 0.00	15.75 1.26 0.00	10.85 0.71 -2.08	14.20 1.07 0.00	16.74 1.26 0.00	18.75 1.41 0.00	21.66 1.54 0.00	23.47 1.66 0.00	17.12 1.36 0.00	15.75 1.24 0.00	19.60 1.19 0.00
NEG NORTH_FLCN_SEA 23793	17.53 0.41 0.00	16.51 0.48 0.00	15.75 0.49 0.00	15.28 0.53 0.00	12.21 0.22 0.00	14.43 -0.15 0.00	9.73 -0.38 0.00	13.79 -0.90 0.00	-17.82 -1.00 33.00	-12.42 -0.79 24.29	13.34 -0.73 0.00	10.29 -0.48 0.00	-14.97 -0.81 29.40	-20.87 -0.74 35.58	-21.12 -0.67 34.94	-21.17 -0.39 28.84	-20.91 -0.53 33.50	-20.86 -0.62 35.72	-20.76 -0.60 37.51	-20.72 -0.62 40.23	-20.69 -0.71 41.79	-15.94 -0.87 30.83	-6.67 -0.68 20.51	-17.44 -0.80 35.05
NEG NORTH_KES_CHATEGAY 23792	17.27 0.15 0.00	16.22 0.18 0.00	15.43 0.17 0.00	14.95 0.19 0.00	12.00 0.01 0.00	14.32 -0.27 0.00	9.79 -0.33 0.00	14.00 -0.69 0.00	-19.32 -0.77 34.73	-13.47 -0.57 25.57	13.52 -0.55 0.00	10.36 -0.41 0.00	-16.35 -0.65 30.95	-22.62 -0.62 37.46	-22.87 -0.59 36.78	-22.64 -0.34 30.36	-21.39 -0.46 34.06	-21.93 -0.50 36.90	-22.32 -0.54 39.13	-22.77 -0.55 42.34	-22.80 -0.62 43.99	-16.15 -0.69 31.22	-6.44 -0.54 20.40	-19.12 -0.63 36.90
NEG NORTH___ALICE_FALLS 23915	17.50 0.39 0.00	16.48 0.44 0.00	15.71 0.45 0.00	15.24 0.48 0.00	12.20 0.21 0.00	14.46 -0.13 0.00	9.78 -0.33 0.00	13.89 -0.79 0.00	-17.98 -0.89 33.27	-12.52 -0.69 24.49	13.44 -0.63 0.00	10.35 -0.42 0.00	-15.11 -0.71 29.65	-21.07 -0.65 35.88	-21.32 -0.59 35.23	-21.37 -0.35 29.08	-20.93 -0.46 33.59	-20.95 -0.52 35.91	-20.93 -0.51 37.76	-20.97 -0.53 40.56	-20.94 -0.61 42.14	-15.90 -0.77 30.89	-6.57 -0.59 20.49	-17.63 -0.70 35.35
NEG NORTH___LWR_SARANAC 23913	17.50 0.39 0.00	16.48 0.44 0.00	15.71 0.45 0.00	15.24 0.48 0.00	12.20 0.21 0.00	14.46 -0.13 0.00	9.78 -0.33 0.00	13.89 -0.79 0.00	-17.98 -0.89 33.27	-12.52 -0.69 24.49	13.44 -0.63 0.00	10.35 -0.42 0.00	-15.11 -0.71 29.65	-21.07 -0.65 35.88	-21.32 -0.59 35.23	-21.37 -0.35 29.08	-20.93 -0.46 33.59	-20.95 -0.52 35.91	-20.93 -0.51 37.76	-20.97 -0.53 40.56	-20.94 -0.61 42.14	-15.90 -0.77 30.89	-6.57 -0.59 20.49	-17.63 -0.70 35.35
NEG NORTH___PLATTSBURG 23628	17.50 0.39 0.00	16.48 0.44 0.00	15.71 0.45 0.00	15.24 0.48 0.00	12.20 0.21 0.00	14.46 -0.13 0.00	9.78 -0.33 0.00	13.89 -0.79 0.00	-17.99 -0.90 33.27	-12.52 -0.69 24.49	13.44 -0.63 0.00	10.35 -0.42 0.00	-15.12 -0.71 29.65	-21.08 -0.66 35.88	-21.34 -0.60 35.23	-21.38 -0.36 29.08	-20.94 -0.48 33.59	-20.98 -0.55 35.91	-20.95 -0.53 37.76	-20.99 -0.55 40.56	-20.96 -0.63 42.14	-15.90 -0.77 30.89	-6.57 -0.59 20.49	-17.64 -0.70 35.35
NEG WEST_LEA_LOCKPORT 23791	15.71 -1.41 0.00	14.86 -1.18 0.00	14.02 -1.24 0.00	13.61 -1.15 0.00	11.08 -0.91 0.00	13.56 -1.02 0.00	9.54 -0.69 -0.12	13.55 -1.14 0.00	14.96 -1.21 0.00	11.58 -1.08 0.00	12.79 -1.29 0.00	9.67 -1.10 0.00	13.57 -1.67 0.00	13.63 -1.83 0.00	12.75 -1.75 0.00	7.22 -1.01 -0.17	11.10 -1.79 0.24	13.47 -2.01 0.00	15.21 -2.13 0.00	17.88 -2.24 0.00	19.64 -2.17 0.00	14.62 -1.14 0.00	13.48 -1.03 0.00	17.40 -1.01 0.00
NEG WEST___LANCASTR 23811	16.21 -0.90 0.00	15.33 -0.71 0.00	14.51 -0.75 0.00	14.07 -0.69 0.00	11.45 -0.54 0.00	14.05 -0.54 0.00	9.87 -0.38 -0.14	14.07 -0.62 0.00	15.54 -0.64 0.00	12.06 -0.60 0.00	13.33 -0.74 0.00	10.10 -0.66 0.00	14.25 -0.98 0.00	14.35 -1.11 0.00	13.43 -1.07 0.00	7.60 -0.65 -0.20	11.69 -1.19 0.24	14.15 -1.33 0.00	15.93 -1.41 0.00	18.66 -1.46 0.00	20.45 -1.37 0.00	15.19 -0.57 0.00	13.99 -0.52 0.00	17.97 -0.44 0.00
NEG_PENN_ALLEGHNY 23528	16.90 -0.21 0.00	15.90 -0.14 0.00	15.16 -0.10 0.00	14.67 -0.09 0.00	11.95 -0.04 0.00	14.60 0.02 0.00	10.37 0.02 -0.24	14.71 0.03 0.00	16.24 0.06 0.00	12.68 0.02 0.00	14.06 -0.01 0.00	10.74 -0.03 0.00	15.19 -0.05 0.00	15.36 -0.09 0.00	14.41 -0.08 0.00	8.33 -0.07 -0.34	12.94 -0.19 0.00	15.25 -0.23 0.00	17.02 -0.32 0.00	19.79 -0.33 0.00	21.53 -0.28 0.00	15.74 -0.02 0.00	14.48 -0.04 0.00	18.36 -0.05 0.00
NEG___GEN_MONROE 24207	16.36 -0.76 0.00	15.42 -0.61 0.00	14.59 -0.67 0.00	14.15 -0.61 0.00	11.52 -0.47 0.00	14.08 -0.50 0.00	9.89 -0.32 -0.10	14.14 -0.55 0.00	15.62 -0.55 0.00	12.16 -0.50 0.00	13.49 -0.59 0.00	10.23 -0.53 0.00	14.39 -0.85 0.00	14.48 -0.98 0.00	13.56 -0.93 0.00	7.65 -0.55 -0.14	12.08 -1.04 0.00	14.32 -1.16 0.00	16.15 -1.20 0.00	18.94 -1.18 0.00	20.73 -1.08 0.00	15.27 -0.49 0.00	14.05 -0.46 0.00	17.99 -0.42 0.00
NEPA___ENERGY 23901	16.05 -1.06 0.00	15.18 -0.86 0.00	14.44 -0.82 0.00	14.02 -0.74 0.00	11.41 -0.58 0.00	14.02 -0.56 0.00	9.85 -0.40 -0.14	14.05 -0.64 0.00	15.52 -0.65 0.00	12.05 -0.61 0.00	13.32 -0.75 0.00	10.11 -0.65 0.00	14.33 -0.91 0.00	14.44 -1.02 0.00	13.50 -1.00 0.00	7.63 -0.63 -0.20	11.67 -1.19 0.27	14.12 -1.36 0.00	15.88 -1.47 0.00	18.57 -1.55 0.00	20.32 -1.49 0.00	15.15 -0.61 0.00	13.94 -0.57 0.00	17.87 -0.54 0.00
NEVERSINK___HYD 23608	18.20 1.08 0.00	17.05 1.02 0.00	16.25 0.98 0.00	15.74 0.98 0.00	12.84 0.84 -0.01	15.66 1.07 0.00	12.10 0.78 -1.22	15.82 1.14 0.00	17.41 1.23 0.00	13.63 0.97 0.00	15.20 1.13 0.00	11.64 0.87 0.00	16.44 1.20 0.00	16.76 1.30 0.00	15.75 1.26 0.00	10.49 0.69 -1.74	14.15 1.02 0.00	16.72 1.24 0.00	18.75 1.41 0.00	21.68 1.56 0.00	23.50 1.69 0.00	17.13 1.37 0.00	15.74 1.23 0.00	19.67 1.26 0.00

NEWKRMKL_115KV_TB1 55635	17.39 0.28 0.00	16.39 0.35 0.00	15.68 0.41 0.00	15.17 0.42 0.00	12.39 0.40 -0.01	15.06 0.48 0.00	12.25 0.35 -1.79	15.13 0.44 0.00	16.62 0.44 0.00	13.00 0.34 0.00	14.44 0.37 0.00	11.11 0.34 0.00	15.66 0.43 0.00	15.92 0.47 0.00	14.98 0.48 0.00	10.91 0.28 -2.57	13.54 0.41 0.00	15.92 0.44 0.00	17.83 0.48 0.00	20.64 0.51 0.00	22.37 0.56 0.00	16.25 0.49 0.00	14.95 0.44 0.00	18.73 0.32 0.00
NEWTON___FALLS_HYD 23847	16.67 -0.44 0.00	15.60 -0.43 0.00	14.78 -0.48 0.00	14.27 -0.49 0.00	11.54 -0.44 0.00	13.98 -0.60 0.00	9.70 -0.41 0.00	14.02 -0.67 0.00	18.49 -0.79 -3.10	14.34 -0.61 -2.28	13.43 -0.64 0.00	10.27 -0.50 0.00	17.38 -0.63 -2.77	18.12 -0.69 -3.35	17.14 -0.65 -3.29	10.37 -0.41 -2.72	4.34 -0.61 8.17	11.58 -0.69 3.20	16.83 -0.74 -0.23	23.14 -0.78 -3.79	24.90 -0.85 -3.94	6.44 -0.73 8.59	4.72 -0.66 9.13	21.01 -0.71 -3.30
NGRID_A1_DSASP 323792	15.50 -1.62 0.00	14.68 -1.36 0.00	13.89 -1.37 0.00	13.40 -1.36 0.00	10.95 -1.04 0.00	13.38 -1.20 0.00	9.41 -0.82 -0.12	13.35 -1.34 0.00	14.74 -1.44 0.00	11.40 -1.26 0.00	12.59 -1.48 0.00	9.52 -1.25 0.00	13.31 -1.93 0.00	13.34 -2.11 0.00	12.49 -2.00 0.00	7.10 -1.13 -0.18	10.88 -2.00 0.24	13.23 -2.25 0.00	14.93 -2.41 0.00	17.53 -2.59 0.00	19.24 -2.58 0.00	14.32 -1.44 0.00	13.21 -1.31 0.00	17.14 -1.27 0.00
NGRID_A2_DSASP 323793	15.50 -1.62 0.00	14.68 -1.36 0.00	13.89 -1.37 0.00	13.40 -1.36 0.00	10.95 -1.04 0.00	13.38 -1.20 0.00	9.41 -0.82 -0.12	13.35 -1.34 0.00	14.74 -1.44 0.00	11.40 -1.26 0.00	12.59 -1.48 0.00	9.52 -1.25 0.00	13.31 -1.93 0.00	13.34 -2.11 0.00	12.49 -2.00 0.00	7.10 -1.13 -0.18	10.88 -2.00 0.24	13.23 -2.25 0.00	14.93 -2.41 0.00	17.53 -2.59 0.00	19.24 -2.58 0.00	14.32 -1.44 0.00	13.21 -1.31 0.00	17.14 -1.27 0.00
NGRID_A4_DSASP 323807	15.50 -1.62 0.00	14.68 -1.36 0.00	13.89 -1.37 0.00	13.40 -1.36 0.00	10.95 -1.04 0.00	13.38 -1.20 0.00	9.41 -0.82 -0.12	13.35 -1.34 0.00	14.74 -1.44 0.00	11.40 -1.26 0.00	12.59 -1.48 0.00	9.52 -1.25 0.00	13.31 -1.93 0.00	13.34 -2.11 0.00	12.49 -2.00 0.00	7.10 -1.13 -0.18	10.88 -2.00 0.24	13.23 -2.25 0.00	14.93 -2.41 0.00	17.53 -2.59 0.00	19.24 -2.58 0.00	14.32 -1.44 0.00	13.21 -1.31 0.00	17.14 -1.27 0.00
NIAGARA_115E_LBMP 323715	15.46 -1.66 0.00	14.65 -1.38 0.00	13.86 -1.40 0.00	13.38 -1.38 0.00	10.93 -1.06 0.00	13.35 -1.23 0.00	9.39 -0.84 -0.12	13.32 -1.36 0.00	14.71 -1.47 0.00	11.36 -1.29 0.00	12.55 -1.52 0.00	9.49 -1.28 0.00	13.32 -1.92 0.00	13.38 -2.08 0.00	12.53 -1.97 0.00	7.12 -1.11 -0.18	10.93 -1.96 0.24	13.25 -2.23 0.00	14.96 -2.38 0.00	17.58 -2.55 0.00	19.30 -2.52 0.00	14.37 -1.39 0.00	13.25 -1.27 0.00	17.14 -1.28 0.00
NIAGARA_115W_LBMP 323714	15.47 -1.65 0.00	14.65 -1.38 0.00	13.87 -1.39 0.00	13.38 -1.38 0.00	10.93 -1.06 0.00	13.36 -1.22 0.00	9.39 -0.84 -0.12	13.32 -1.37 0.00	14.71 -1.47 0.00	11.38 -1.29 0.00	12.57 -1.51 0.00	9.50 -1.27 0.00	13.28 -1.96 0.00	13.31 -2.15 0.00	12.46 -2.03 0.00	7.08 -1.15 -0.18	10.86 -2.02 0.24	13.20 -2.28 0.00	14.89 -2.45 0.00	17.49 -2.63 0.00	19.19 -2.62 0.00	14.28 -1.48 0.00	13.18 -1.34 0.00	17.10 -1.31 0.00
NIAGARA_230_LBMP 323716	15.61 -1.50 0.00	14.79 -1.25 0.00	14.01 -1.26 0.00	13.51 -1.25 0.00	11.03 -0.95 0.00	13.48 -1.10 0.00	9.47 -0.76 -0.12	13.45 -1.24 0.00	14.85 -1.33 0.00	11.50 -1.16 0.00	12.71 -1.37 0.00	9.61 -1.16 0.00	13.50 -1.74 0.00	13.56 -1.90 0.00	12.70 -1.80 0.00	7.20 -1.03 -0.17	11.07 -1.83 0.23	13.44 -2.04 0.00	15.15 -2.19 0.00	17.79 -2.33 0.00	19.52 -2.30 0.00	14.51 -1.25 0.00	13.38 -1.13 0.00	17.28 -1.14 0.00
NIAGARA___115KV_198_GIBSON 55903	15.47 -1.65 0.00	14.64 -1.40 0.00	13.80 -1.46 0.00	13.40 -1.36 0.00	10.91 -1.08 0.00	13.35 -1.23 0.00	9.39 -0.84 -0.12	13.33 -1.36 0.00	14.70 -1.47 0.00	11.37 -1.29 0.00	12.57 -1.51 0.00	9.50 -1.27 0.00	13.27 -1.97 0.00	13.30 -2.16 0.00	12.45 -2.05 0.00	7.07 -1.16 -0.18	10.84 -2.04 0.24	13.18 -2.29 0.00	14.89 -2.46 0.00	17.48 -2.65 0.00	19.18 -2.63 0.00	14.28 -1.48 0.00	13.18 -1.33 0.00	17.10 -1.31 0.00
NIAGARA____ 23760	15.61 -1.50 0.00	14.79 -1.25 0.00	14.01 -1.26 0.00	13.51 -1.25 0.00	11.03 -0.95 0.00	13.48 -1.10 0.00	9.47 -0.76 -0.12	13.45 -1.24 0.00	14.85 -1.33 0.00	11.50 -1.16 0.00	12.71 -1.37 0.00	9.61 -1.16 0.00	13.50 -1.74 0.00	13.56 -1.90 0.00	12.70 -1.80 0.00	7.20 -1.03 -0.17	11.07 -1.83 0.23	13.44 -2.04 0.00	15.15 -2.19 0.00	17.79 -2.33 0.00	19.52 -2.30 0.00	14.51 -1.25 0.00	13.38 -1.13 0.00	17.28 -1.14 0.00
NINE_MILE_1 23575	16.52 -0.60 0.00	15.50 -0.53 0.00	14.76 -0.50 0.00	14.27 -0.49 0.00	11.62 -0.37 0.00	14.14 -0.44 0.00	9.84 -0.32 -0.06	14.22 -0.46 0.00	15.69 -0.49 0.00	12.26 -0.40 0.00	13.61 -0.46 0.00	10.39 -0.38 0.00	14.67 -0.58 0.00	14.83 -0.62 0.00	13.91 -0.58 0.00	7.81 -0.33 -0.08	12.54 -0.58 0.00	14.80 -0.68 0.00	16.57 -0.77 0.00	19.25 -0.87 0.00	20.89 -0.92 0.00	15.19 -0.57 0.00	13.99 -0.52 0.00	17.82 -0.59 0.00
NINE_MILE_2 23744	16.52 -0.60 0.00	15.50 -0.53 0.00	14.76 -0.50 0.00	14.27 -0.48 0.00	11.62 -0.37 0.00	14.14 -0.44 0.00	9.84 -0.32 -0.06	14.23 -0.46 0.00	15.69 -0.49 0.00	12.26 -0.40 0.00	13.61 -0.46 0.00	10.39 -0.37 0.00	14.67 -0.58 0.00	14.83 -0.62 0.00	13.91 -0.58 0.00	7.81 -0.33 -0.08	12.54 -0.58 0.00	14.80 -0.68 0.00	16.57 -0.77 0.00	19.25 -0.87 0.00	20.90 -0.91 0.00	15.19 -0.57 0.00	13.99 -0.52 0.00	17.82 -0.59 0.00
NM_CAPITAL___DRP 24208	17.38 0.27 0.00	16.37 0.34 0.00	15.67 0.41 0.00	15.17 0.41 0.00	12.39 0.39 -0.01	15.06 0.47 0.00	12.23 0.34 -1.78	15.12 0.43 0.00	16.61 0.43 0.00	12.99 0.33 0.00	14.42 0.35 0.00	11.10 0.33 0.00	15.65 0.41 0.00	15.91 0.45 0.00	14.96 0.47 0.00	10.89 0.28 -2.56	13.52 0.39 0.00	15.90 0.42 0.00	17.81 0.47 0.00	20.61 0.49 0.00	22.34 0.53 0.00	16.24 0.48 0.00	14.94 0.43 0.00	18.71 0.30 0.00
NM_CENTRAL___DRP 24181	16.73 -0.39 0.00	15.70 -0.33 0.00	14.94 -0.32 0.00	14.47 -0.29 0.00	11.77 -0.22 0.00	14.35 -0.23 0.00	10.02 -0.16 -0.07	14.46 -0.23 0.00	15.96 -0.22 0.00	12.46 -0.19 0.00	13.84 -0.24 0.00	10.57 -0.20 0.00	14.91 -0.33 0.00	15.08 -0.37 0.00	14.14 -0.35 0.00	7.96 -0.20 -0.10	12.74 -0.39 0.00	15.04 -0.44 0.00	16.84 -0.50 0.00	19.57 -0.55 0.00	21.26 -0.55 0.00	15.48 -0.28 0.00	14.25 -0.27 0.00	18.12 -0.29 0.00
NM_FRONTIER___DRP 24179	15.47 -1.65 0.00	14.64 -1.40 0.00	13.80 -1.46 0.00	13.40 -1.36 0.00	10.91 -1.08 0.00	13.35 -1.23 0.00	9.39 -0.84 -0.12	13.33 -1.36 0.00	14.70 -1.47 0.00	11.37 -1.29 0.00	12.57 -1.51 0.00	9.50 -1.27 0.00	13.27 -1.97 0.00	13.30 -2.16 0.00	12.45 -2.05 0.00	7.07 -1.16 -0.18	10.84 -2.04 0.24	13.18 -2.29 0.00	14.89 -2.46 0.00	17.48 -2.65 0.00	19.18 -2.63 0.00	14.28 -1.48 0.00	13.18 -1.33 0.00	17.10 -1.31 0.00

NM_ST_REGIS___HYD 24053	17.04 -0.07 0.00	15.95 -0.09 0.00	15.14 -0.12 0.00	14.62 -0.14 0.00	11.78 -0.21 0.00	14.16 -0.43 0.00	9.75 -0.36 0.00	14.03 -0.66 0.00	23.24 -0.74 -7.80	17.85 -0.54 -5.74	13.55 -0.52 0.00	10.37 -0.39 0.00	21.75 -0.45 -6.96	23.44 -0.44 -8.43	22.34 -0.43 -8.28	14.58 -0.31 -6.83	1.37 -0.43 11.33	12.30 -0.47 2.71	20.12 -0.49 -3.27	29.17 -0.48 -9.53	31.16 -0.55 -9.90	2.91 -0.60 12.24	0.06 -0.49 13.96	26.30 -0.41 -8.30
NORTHPORT___1 23551	18.29 1.18 0.00	17.15 1.12 0.00	16.36 1.09 0.00	15.84 1.08 0.00	12.94 0.94 -0.01	15.70 1.11 0.00	12.36 0.80 -1.45	15.97 1.28 0.00	17.46 1.28 0.00	13.69 1.03 0.00	15.43 1.35 0.00	12.11 1.08 -0.26	16.61 1.37 0.00	16.87 1.35 -0.06	16.37 1.40 -0.48	10.91 0.78 -2.08	14.20 1.08 0.00	16.58 1.10 0.00	18.45 1.11 0.00	21.27 1.15 0.00	23.17 1.36 0.00	16.99 1.23 0.00	15.81 1.30 0.00	19.58 1.17 0.00
NORTHPORT___2 23552	18.29 1.18 0.00	17.15 1.12 0.00	16.36 1.09 0.00	15.84 1.08 0.00	12.94 0.94 -0.01	15.70 1.11 0.00	12.36 0.80 -1.45	15.97 1.28 0.00	17.46 1.28 0.00	13.69 1.03 0.00	15.43 1.35 0.00	12.11 1.08 -0.26	16.61 1.37 0.00	16.87 1.35 -0.06	16.37 1.40 -0.48	10.91 0.78 -2.08	14.20 1.08 0.00	16.58 1.10 0.00	18.45 1.11 0.00	21.27 1.15 0.00	23.17 1.36 0.00	16.99 1.23 0.00	15.81 1.30 0.00	19.58 1.17 0.00
NORTHPORT___3 23553	18.02 0.90 0.00	16.90 0.87 0.00	16.11 0.85 0.00	15.60 0.84 0.00	12.75 0.75 -0.01	15.46 0.88 0.00	12.19 0.64 -1.45	15.70 1.01 0.00	17.18 1.00 0.00	13.46 0.80 0.00	15.19 1.11 0.00	11.93 0.90 -0.26	16.36 1.12 0.00	16.63 1.12 -0.06	16.13 1.17 -0.46	10.80 0.65 -2.08	14.01 0.89 0.00	16.36 0.88 0.00	18.20 0.86 0.00	20.97 0.84 0.00	22.83 1.02 0.00	16.72 0.96 0.00	15.55 1.04 0.00	19.25 0.83 0.00
NORTHPORT___4 23650	18.02 0.90 0.00	16.90 0.87 0.00	16.11 0.85 0.00	15.60 0.84 0.00	12.75 0.75 -0.01	15.46 0.88 0.00	12.19 0.64 -1.45	15.70 1.01 0.00	17.18 1.00 0.00	13.46 0.80 0.00	15.19 1.11 0.00	11.93 0.90 -0.26	16.36 1.12 0.00	16.63 1.12 -0.06	16.13 1.17 -0.46	10.80 0.65 -2.08	14.01 0.89 0.00	16.36 0.88 0.00	18.20 0.86 0.00	20.97 0.84 0.00	22.83 1.02 0.00	16.72 0.96 0.00	15.55 1.04 0.00	19.25 0.83 0.00
NORTHPORT___IC 23718	18.29 1.18 0.00	17.16 1.12 0.00	16.36 1.10 0.00	15.84 1.08 0.00	12.94 0.95 -0.01	15.70 1.12 0.00	12.36 0.79 -1.45	15.97 1.28 0.00	17.46 1.28 0.00	13.69 1.03 0.00	15.42 1.35 0.00	12.11 1.08 -0.26	16.61 1.37 0.00	16.87 1.36 -0.06	16.38 1.40 -0.48	10.92 0.78 -2.08	14.20 1.08 0.00	16.58 1.11 0.00	18.45 1.11 0.00	21.27 1.15 0.00	23.17 1.36 0.00	16.99 1.23 0.00	15.81 1.30 0.00	19.58 1.17 0.00
NORTH___COUNTRY_ESR 323785	17.21 0.09 0.00	16.16 0.12 0.00	15.37 0.11 0.00	14.90 0.15 0.00	11.96 -0.03 0.00	14.27 -0.31 0.00	9.75 -0.36 0.00	13.94 -0.75 0.00	-19.42 -0.83 34.77	-13.55 -0.61 25.59	13.48 -0.59 0.00	10.33 -0.44 0.00	-16.42 -0.68 30.98	-22.70 -0.66 37.50	-22.95 -0.63 36.82	-22.71 -0.37 30.39	-21.45 -0.50 34.07	-22.01 -0.57 36.93	-22.43 -0.61 39.16	-22.92 -0.65 42.39	-22.96 -0.73 44.04	-16.23 -0.76 31.23	-6.49 -0.60 20.40	-19.23 -0.70 36.94
NPX_GEN_1385_PROXY 323591	18.23 1.12 0.00	17.09 1.05 0.00	16.29 1.03 0.00	15.79 1.03 0.00	12.89 0.89 -0.01	15.65 1.06 0.00	12.31 0.74 -1.45	15.91 1.22 0.00	17.34 1.17 0.00	13.55 0.89 0.00	15.37 1.29 0.00	12.06 1.03 -0.26	16.56 1.32 0.00	16.80 1.28 -0.06	16.27 1.29 -0.48	10.85 0.71 -2.08	14.05 0.92 0.00	16.46 0.97 0.00	18.36 1.02 0.00	21.18 1.06 0.00	23.04 1.23 0.00	16.88 1.12 0.00	15.74 1.23 0.00	19.45 1.04 0.00
NPX_GEN_CSC 323557	18.36 1.25 0.00	17.21 1.17 0.00	16.43 1.17 0.00	15.91 1.15 0.00	13.00 1.01 -0.01	15.78 1.20 0.00	12.41 0.85 -1.45	16.27 1.58 0.00	17.79 1.61 0.00	13.93 1.26 0.00	15.63 1.56 0.00	12.24 1.22 -0.26	16.81 1.57 0.00	16.95 1.42 -0.07	16.50 1.44 -0.56	10.94 0.80 -2.08	14.27 1.15 0.00	16.60 1.12 0.00	18.50 1.16 0.00	21.30 1.18 0.00	23.39 1.57 0.00	17.20 1.44 0.00	15.99 1.48 0.00	19.82 1.41 0.00
NSINS_S_GLNS_FALLS 23858	17.69 0.57 0.00	16.61 0.57 0.00	15.88 0.62 0.00	15.39 0.63 0.00	12.57 0.57 -0.01	15.25 0.66 0.00	12.46 0.53 -1.82	15.44 0.75 0.00	16.95 0.77 0.00	13.28 0.61 0.00	14.70 0.63 0.00	11.29 0.52 0.00	15.88 0.64 0.00	16.21 0.76 0.00	15.17 0.67 0.00	11.06 0.40 -2.60	13.83 0.71 0.00	16.34 0.86 0.00	18.32 0.98 0.00	21.21 1.09 0.00	22.87 1.06 0.00	16.64 0.88 0.00	15.30 0.79 0.00	19.05 0.63 0.00
NUCOR_STEEL___DRP 24197	16.90 -0.22 0.00	15.86 -0.17 0.00	15.10 -0.17 0.00	14.62 -0.14 0.00	11.92 -0.07 0.00	14.51 -0.08 0.00	10.13 -0.07 -0.10	14.66 -0.03 0.00	16.18 0.00 0.00	12.58 -0.09 0.00	14.01 -0.06 0.00	10.65 -0.11 0.00	15.06 -0.17 0.00	15.24 -0.21 0.00	14.31 -0.19 0.00	8.06 -0.14 -0.14	12.86 -0.26 0.00	15.18 -0.30 0.00	17.02 -0.32 0.00	19.82 -0.30 0.00	21.44 -0.38 0.00	15.62 -0.14 0.00	14.37 -0.15 0.00	18.26 -0.15 0.00
NUMBER_THREE_WT_PWR 323818	16.51 -0.61 0.00	15.45 -0.58 0.00	14.60 -0.66 0.00	14.10 -0.66 0.00	11.44 -0.54 0.00	13.94 -0.64 0.00	9.77 -0.37 -0.02	14.11 -0.58 0.00	16.80 -0.74 -1.36	13.09 -0.57 -1.00	13.42 -0.65 0.00	10.24 -0.53 0.00	15.73 -0.72 -1.21	16.09 -0.83 -1.47	15.17 -0.77 -1.44	8.84 -0.44 -1.23	9.37 -0.66 3.10	13.60 -0.75 1.12	16.75 -0.83 -0.24	20.89 -0.88 -1.66	22.58 -0.96 -1.72	11.75 -0.74 3.27	10.27 -0.71 3.53	18.95 -0.90 -1.44
NYISO_LBMP_REFERENCE 24008	17.12 0.00 0.00	16.04 0.00 0.00	15.26 0.00 0.00	14.76 0.00 0.00	11.99 0.00 0.00	14.58 0.00 0.00	10.11 0.00 0.00	14.69 0.00 0.00	16.18 0.00 0.00	12.66 0.00 0.00	14.07 0.00 0.00	10.76 0.00 0.00	15.24 0.00 0.00	15.46 0.00 0.00	14.49 0.00 0.00	8.06 0.00 0.00	13.12 0.00 0.00	15.48 0.00 0.00	17.34 0.00 0.00	20.12 0.00 0.00	21.81 0.00 0.00	15.76 0.00 0.00	14.51 0.00 0.00	18.41 0.00 0.00
NYPA_BRENTWD____GT 24164	18.44 1.32 0.00	17.28 1.25 0.00	16.47 1.21 0.00	15.95 1.20 0.00	13.03 1.04 -0.01	15.82 1.24 0.00	12.45 0.89 -1.45	16.12 1.42 0.00	17.63 1.45 0.00	13.82 1.16 0.00	15.54 1.46 0.00	12.19 1.16 -0.26	16.74 1.51 0.00	17.01 1.47 -0.08	16.69 1.53 -0.67	10.99 0.85 -2.08	14.33 1.20 0.00	16.75 1.28 0.00	18.67 1.33 0.00	21.54 1.42 0.00	23.49 1.68 0.00	17.22 1.46 0.00	15.98 1.47 0.00	19.79 1.38 0.00
NYPA_GOWANUS____GT5 24156	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00

NYPA_GOWANUS____GT6 24157	18.25 1.14 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.84 1.28 -0.32	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.48 -0.01	23.43 1.62 0.00	17.13 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00
NYPA_HARLEM_RVR_GT1 24160	18.28 1.16 0.00	17.13 1.09 0.00	16.32 1.06 0.00	15.81 1.06 0.00	12.89 0.90 -0.01	15.71 1.13 0.00	12.40 0.84 -1.45	15.87 1.18 -0.01	17.49 1.30 -0.02	13.68 1.01 0.00	16.34 1.17 -1.10	15.41 0.93 -3.72	16.84 1.26 -0.33	23.18 1.26 -6.46	18.19 1.21 -2.49	16.78 0.69 -8.03	17.04 1.06 -2.87	17.06 1.24 -0.34	18.74 1.40 0.00	21.64 1.51 -0.01	23.47 1.65 0.00	17.13 1.36 -0.02	15.77 1.26 0.00	19.58 1.17 0.00
NYPA_HARLEM_RVR_GT2 24161	18.28 1.16 0.00	17.13 1.09 0.00	16.32 1.06 0.00	15.81 1.06 0.00	12.89 0.90 -0.01	15.71 1.13 0.00	12.40 0.84 -1.45	15.87 1.18 -0.01	17.49 1.30 -0.02	13.68 1.01 0.00	16.34 1.17 -1.10	15.41 0.93 -3.72	16.84 1.26 -0.33	23.18 1.26 -6.46	18.19 1.21 -2.49	16.78 0.69 -8.03	17.04 1.06 -2.87	17.06 1.24 -0.34	18.74 1.40 0.00	21.64 1.51 -0.01	23.47 1.65 0.00	17.13 1.36 -0.02	15.77 1.26 0.00	19.58 1.17 0.00
NYPA_KENT____GT 24152	18.24 1.13 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.69 1.11 0.00	12.39 0.82 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.32 1.17 -1.08	15.40 0.94 -3.70	16.83 1.27 -0.32	23.21 1.30 -6.45	18.22 1.24 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.70 1.36 0.00	21.61 1.48 -0.01	23.43 1.61 0.00	17.12 1.34 -0.02	15.75 1.23 0.00	19.54 1.13 0.00
NYPA_POUCH1____GT 24155	18.24 1.13 0.00	17.09 1.05 0.00	16.29 1.03 0.00	15.78 1.02 0.00	12.86 0.86 -0.01	15.68 1.10 0.00	12.38 0.82 -1.45	15.83 1.14 0.00	17.40 1.22 0.00	13.62 0.96 0.00	16.29 1.13 -1.08	15.37 0.90 -3.70	16.80 1.24 -0.32	23.18 1.28 -6.45	18.18 1.21 -2.48	16.75 0.67 -8.03	16.99 1.00 -2.87	16.99 1.18 -0.34	18.65 1.31 0.00	21.53 1.41 -0.01	23.36 1.54 0.00	17.07 1.29 -0.02	15.70 1.19 0.00	19.50 1.09 0.00
NYPA_VERNON____GT2 24162	18.23 1.12 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.87 -0.01	15.69 1.10 0.00	12.38 0.82 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.32 1.16 -1.08	15.40 0.93 -3.70	16.81 1.26 -0.32	23.19 1.29 -6.45	18.21 1.23 -2.48	16.78 0.69 -8.03	17.04 1.05 -2.87	17.05 1.23 -0.34	18.70 1.36 0.00	21.61 1.48 -0.01	23.42 1.60 0.00	17.12 1.34 -0.02	15.74 1.23 0.00	19.53 1.12 0.00
NYPA_VERNON____GT3 24163	18.23 1.12 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.87 -0.01	15.69 1.10 0.00	12.38 0.82 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.32 1.16 -1.08	15.40 0.93 -3.70	16.81 1.26 -0.32	23.19 1.29 -6.45	18.21 1.23 -2.48	16.78 0.69 -8.03	17.04 1.05 -2.87	17.05 1.23 -0.34	18.70 1.36 0.00	21.61 1.48 -0.01	23.42 1.60 0.00	17.12 1.34 -0.02	15.74 1.23 0.00	19.53 1.12 0.00
NYPA__ASTORIA_CC1 323568	18.22 1.10 0.00	17.09 1.06 0.00	16.30 1.03 0.00	15.79 1.03 0.00	12.86 0.87 -0.01	15.68 1.10 0.00	12.38 0.81 -1.45	15.84 1.15 0.00	17.44 1.26 0.00	13.65 0.99 0.00	16.29 1.14 -1.08	15.38 0.92 -3.70	16.80 1.24 -0.32	23.17 1.27 -6.45	18.18 1.21 -2.48	16.77 0.68 -8.03	17.03 1.04 -2.87	17.03 1.21 -0.34	18.68 1.34 0.00	21.59 1.46 -0.01	23.40 1.59 0.00	17.10 1.32 -0.02	15.73 1.22 0.00	19.51 1.10 0.00
NYPA__ASTORIA_CC2 323569	18.22 1.10 0.00	17.09 1.06 0.00	16.30 1.03 0.00	15.79 1.03 0.00	12.86 0.87 -0.01	15.68 1.10 0.00	12.38 0.81 -1.45	15.84 1.15 0.00	17.44 1.26 0.00	13.65 0.99 0.00	16.29 1.14 -1.08	15.38 0.92 -3.70	16.80 1.24 -0.32	23.17 1.27 -6.45	18.18 1.21 -2.48	16.77 0.68 -8.03	17.03 1.04 -2.87	17.03 1.21 -0.34	18.68 1.34 0.00	21.59 1.46 -0.01	23.40 1.59 0.00	17.10 1.32 -0.02	15.73 1.22 0.00	19.51 1.10 0.00
NYPA__HOLTSVILL 23794	18.39 1.27 0.00	17.23 1.19 0.00	16.43 1.17 0.00	15.91 1.15 0.00	13.00 1.00 -0.01	15.78 1.20 0.00	12.42 0.86 -1.45	16.11 1.42 0.00	17.63 1.45 0.00	13.81 1.15 0.00	15.52 1.45 0.00	12.17 1.15 -0.26	16.71 1.48 0.00	16.94 1.42 -0.07	16.52 1.47 -0.56	10.96 0.82 -2.08	14.29 1.17 0.00	16.69 1.21 0.00	18.59 1.25 0.00	21.44 1.32 0.00	23.41 1.60 0.00	17.18 1.42 0.00	15.95 1.44 0.00	19.75 1.34 0.00
NYPA____HELLGATE_GT1 24158	18.28 1.16 0.00	17.13 1.09 0.00	16.32 1.06 0.00	15.81 1.06 0.00	12.89 0.90 -0.01	15.71 1.13 0.00	12.40 0.84 -1.45	15.87 1.18 0.00	17.48 1.30 0.00	13.67 1.01 0.00	16.33 1.17 -1.08	15.39 0.93 -3.70	16.82 1.26 -0.32	23.19 1.28 -6.46	18.22 1.23 -2.49	16.78 0.70 -8.03	17.04 1.06 -2.87	17.06 1.24 -0.34	18.74 1.40 0.00	21.64 1.51 -0.01	23.47 1.65 0.00	17.13 1.36 -0.02	15.77 1.26 0.00	19.58 1.17 0.00
NYPA____HELLGATE_GT2 24159	18.28 1.16 0.00	17.13 1.09 0.00	16.32 1.06 0.00	15.81 1.06 0.00	12.89 0.90 -0.01	15.71 1.13 0.00	12.40 0.84 -1.45	15.87 1.18 0.00	17.48 1.30 0.00	13.67 1.01 0.00	16.33 1.17 -1.08	15.39 0.93 -3.70	16.82 1.26 -0.32	23.19 1.28 -6.46	18.22 1.23 -2.49	16.78 0.70 -8.03	17.04 1.06 -2.87	17.06 1.24 -0.34	18.74 1.40 0.00	21.64 1.51 -0.01	23.47 1.65 0.00	17.13 1.36 -0.02	15.77 1.26 0.00	19.58 1.17 0.00
NYS_BARGE__HYD 23848	15.72 -1.40 0.00	14.89 -1.15 0.00	14.10 -1.17 0.00	13.60 -1.16 0.00	11.11 -0.88 0.00	13.58 -1.01 0.00	9.55 -0.68 -0.12	13.56 -1.13 0.00	14.98 -1.20 0.00	11.59 -1.07 0.00	12.80 -1.28 0.00	9.68 -1.09 0.00	13.59 -1.65 0.00	13.64 -1.81 0.00	12.77 -1.73 0.00	7.24 -0.99 -0.17	11.14 -1.77 0.22	13.48 -2.00 0.00	15.22 -2.12 0.00	17.90 -2.21 0.00	19.66 -2.15 0.00	14.63 -1.13 0.00	13.48 -1.03 0.00	17.42 -1.00 0.00
OAK ORCHARD__HYD 24046	16.30 -0.82 0.00	15.37 -0.67 0.00	14.58 -0.68 0.00	14.08 -0.68 0.00	11.49 -0.50 0.00	14.03 -0.56 0.00	9.84 -0.38 -0.10	14.07 -0.61 0.00	15.55 -0.63 0.00	12.11 -0.56 0.00	13.42 -0.65 0.00	10.19 -0.57 0.00	14.35 -0.89 0.00	14.46 -0.99 0.00	13.55 -0.94 0.00	7.65 -0.55 -0.14	12.09 -1.03 0.00	14.33 -1.15 0.00	16.14 -1.20 0.00	18.90 -1.22 0.00	20.66 -1.15 0.00	15.19 -0.57 0.00	13.98 -0.53 0.00	17.89 -0.52 0.00
OAKDALE__35_KV_LOAD 356122	16.85 -0.26 0.00	15.84 -0.19 0.00	15.10 -0.17 0.00	14.62 -0.14 0.00	11.91 -0.08 0.00	14.55 -0.04 0.00	10.33 -0.02 -0.24	14.66 -0.03 0.00	16.18 0.00 0.00	12.63 -0.03 0.00	14.01 -0.06 0.00	10.69 -0.07 0.00	15.13 -0.11 0.00	15.31 -0.15 0.00	14.36 -0.14 0.00	8.30 -0.10 -0.34	12.89 -0.24 0.00	15.19 -0.29 0.00	16.94 -0.40 0.00	19.70 -0.42 0.00	21.42 -0.40 0.00	15.67 -0.09 0.00	14.41 -0.10 0.00	18.27 -0.14 0.00

OCC_CHEM___DRP 24175	15.50 -1.62 0.00	14.66 -1.38 0.00	13.83 -1.43 0.00	13.42 -1.34 0.00	10.93 -1.06 0.00	13.37 -1.21 0.00	9.41 -0.82 -0.12	13.35 -1.34 0.00	14.74 -1.44 0.00	11.40 -1.26 0.00	12.59 -1.48 0.00	9.51 -1.25 0.00	13.30 -1.94 0.00	13.33 -2.13 0.00	12.48 -2.02 0.00	7.09 -1.15 -0.18	10.86 -2.02 0.24	13.22 -2.26 0.00	14.92 -2.42 0.00	17.52 -2.60 0.00	19.23 -2.58 0.00	14.32 -1.44 0.00	13.21 -1.30 0.00	17.14 -1.28 0.00
OH_GEN_PROXY 24063	15.67 -1.45 0.00	14.84 -1.20 0.00	14.06 -1.21 0.00	13.56 -1.20 0.00	11.07 -0.92 0.00	13.54 -1.05 0.00	9.51 -0.72 -0.12	13.51 -1.18 0.00	14.92 -1.26 0.00	11.56 -1.10 0.00	12.77 -1.30 0.00	9.66 -1.10 0.00	13.59 -1.65 0.00	13.65 -1.81 0.00	12.78 -1.71 0.00	7.25 -0.98 -0.17	11.18 -1.75 0.20	13.52 -1.96 0.00	15.25 -2.09 0.00	17.89 -2.23 0.00	19.62 -2.19 0.00	14.58 -1.18 0.00	13.44 -1.08 0.00	17.33 -1.08 0.00
OLIN_CORP_DRP 24177	15.50 -1.62 0.00	14.67 -1.37 0.00	13.83 -1.44 0.00	13.42 -1.33 0.00	10.93 -1.06 0.00	13.37 -1.22 0.00	9.41 -0.82 -0.12	13.35 -1.34 0.00	14.74 -1.44 0.00	11.39 -1.27 0.00	12.58 -1.50 0.00	9.51 -1.26 0.00	13.34 -1.90 0.00	13.40 -2.05 0.00	12.55 -1.95 0.00	7.12 -1.11 -0.18	10.93 -1.95 0.24	13.28 -2.20 0.00	14.99 -2.35 0.00	17.61 -2.51 0.00	19.34 -2.47 0.00	14.40 -1.36 0.00	13.28 -1.23 0.00	17.16 -1.25 0.00
OLIN_CORP_DSASP 323712	15.50 -1.62 0.00	14.68 -1.36 0.00	13.89 -1.37 0.00	13.40 -1.36 0.00	10.95 -1.04 0.00	13.38 -1.20 0.00	9.41 -0.82 -0.12	13.35 -1.34 0.00	14.74 -1.44 0.00	11.40 -1.26 0.00	12.59 -1.48 0.00	9.52 -1.25 0.00	13.31 -1.93 0.00	13.34 -2.11 0.00	12.49 -2.00 0.00	7.10 -1.13 -0.18	10.88 -2.00 0.24	13.23 -2.25 0.00	14.93 -2.41 0.00	17.53 -2.59 0.00	19.24 -2.58 0.00	14.32 -1.44 0.00	13.21 -1.31 0.00	17.14 -1.27 0.00
ONEIDA_HERK_LFGE 323681	17.03 -0.08 0.00	15.96 -0.08 0.00	15.15 -0.11 0.00	14.65 -0.10 0.00	11.91 -0.08 0.00	14.51 -0.08 0.00	10.10 -0.01 0.00	14.66 -0.02 0.00	16.76 -0.05 -0.63	13.08 -0.04 -0.46	14.02 -0.06 0.00	10.71 -0.05 0.00	15.71 -0.08 -0.56	16.01 -0.13 -0.68	15.05 -0.11 -0.67	8.54 -0.06 -0.55	12.19 -0.09 0.84	15.22 -0.08 0.18	17.54 -0.09 -0.28	20.82 -0.07 -0.77	22.54 -0.07 -0.80	14.80 -0.04 0.92	13.38 -0.07 1.06	18.94 -0.14 -0.67
ONEIDA___115KV_TB4 55905	17.28 0.16 0.00	16.20 0.16 0.00	15.40 0.14 0.00	14.91 0.16 0.00	12.13 0.14 0.00	14.78 0.20 0.00	10.31 0.16 -0.04	14.93 0.24 0.00	16.47 0.29 0.00	12.87 0.21 0.00	14.28 0.21 0.00	10.92 0.16 0.00	15.42 0.18 0.00	15.62 0.16 0.00	14.66 0.16 0.00	8.20 0.10 -0.05	13.26 0.14 0.00	15.68 0.20 0.00	17.56 0.22 0.00	20.40 0.28 0.00	22.14 0.33 0.00	16.05 0.29 0.00	14.74 0.23 0.00	18.66 0.24 0.00
ONONDAGA_REF_OCCRA 23987	16.87 -0.24 0.00	15.83 -0.20 0.00	15.07 -0.19 0.00	14.59 -0.17 0.00	11.87 -0.12 0.00	14.47 -0.11 0.00	10.11 -0.08 -0.07	14.59 -0.10 0.00	16.10 -0.08 0.00	12.58 -0.08 0.00	13.96 -0.12 0.00	10.67 -0.09 0.00	15.05 -0.19 0.00	15.22 -0.23 0.00	14.28 -0.21 0.00	8.04 -0.12 -0.11	12.88 -0.24 0.00	15.21 -0.27 0.00	17.03 -0.31 0.00	19.78 -0.34 0.00	21.49 -0.33 0.00	15.64 -0.12 0.00	14.38 -0.13 0.00	18.28 -0.13 0.00
ONONDAGA___COGEN 23986	16.84 -0.28 0.00	15.80 -0.24 0.00	15.04 -0.23 0.00	14.56 -0.20 0.00	11.85 -0.14 0.00	14.44 -0.14 0.00	10.08 -0.11 -0.08	14.55 -0.13 0.00	16.06 -0.12 0.00	12.54 -0.12 0.00	13.93 -0.14 0.00	10.63 -0.14 0.00	15.01 -0.23 0.00	15.19 -0.27 0.00	14.24 -0.25 0.00	8.03 -0.14 -0.12	12.83 -0.29 0.00	15.15 -0.33 0.00	16.97 -0.37 0.00	19.72 -0.41 0.00	21.40 -0.41 0.00	15.57 -0.18 0.00	14.33 -0.18 0.00	18.22 -0.19 0.00
ONTARIO___LFGE 23819	16.59 -0.53 0.00	15.61 -0.42 0.00	14.87 -0.40 0.00	14.38 -0.38 0.00	11.72 -0.26 0.00	14.34 -0.24 0.00	10.07 -0.16 -0.12	14.47 -0.22 0.00	15.99 -0.19 0.00	12.47 -0.19 0.00	13.82 -0.25 0.00	10.51 -0.26 0.00	14.86 -0.38 0.00	14.98 -0.47 0.00	14.05 -0.45 0.00	7.95 -0.28 -0.17	12.72 -0.56 -0.16	14.81 -0.67 0.00	16.64 -0.70 0.00	19.44 -0.69 0.00	21.18 -0.64 0.00	15.52 -0.24 0.00	14.27 -0.25 0.00	18.16 -0.25 0.00
ORANGEVILLE_WT_PWR 323706	15.50 -1.62 0.00	14.66 -1.38 0.00	13.93 -1.33 0.00	13.46 -1.30 0.00	10.98 -1.01 0.00	13.45 -1.13 0.00	9.48 -0.78 -0.14	13.49 -1.20 0.00	14.92 -1.26 0.00	11.59 -1.06 0.00	12.81 -1.26 0.00	9.70 -1.07 0.00	13.69 -1.55 0.00	13.80 -1.65 0.00	12.92 -1.58 0.00	7.34 -0.92 -0.21	10.46 -1.66 1.00	13.57 -1.91 0.00	15.29 -2.05 0.00	17.93 -2.19 0.00	19.66 -2.15 0.00	14.65 -1.11 0.00	13.55 -0.96 0.00	17.45 -0.97 0.00
ORANGEVILLE___ESR 323794	15.50 -1.62 0.00	14.66 -1.38 0.00	13.93 -1.33 0.00	13.46 -1.30 0.00	10.98 -1.01 0.00	13.45 -1.13 0.00	9.48 -0.78 -0.14	13.49 -1.20 0.00	14.92 -1.26 0.00	11.59 -1.06 0.00	12.81 -1.26 0.00	9.70 -1.07 0.00	13.69 -1.55 0.00	13.80 -1.65 0.00	12.92 -1.58 0.00	7.34 -0.92 -0.21	10.46 -1.66 1.00	13.57 -1.91 0.00	15.29 -2.05 0.00	17.93 -2.19 0.00	19.66 -2.15 0.00	14.65 -1.11 0.00	13.55 -0.96 0.00	17.45 -0.97 0.00
OSWEGATCHIE___HYD 24044	16.67 -0.44 0.00	15.60 -0.43 0.00	14.78 -0.48 0.00	14.27 -0.49 0.00	11.54 -0.44 0.00	13.98 -0.60 0.00	9.70 -0.41 0.00	14.02 -0.67 0.00	18.49 -0.79 -3.10	14.34 -0.61 -2.28	13.43 -0.64 0.00	10.27 -0.50 0.00	17.38 -0.63 -2.77	18.12 -0.69 -3.35	17.14 -0.65 -3.29	10.36 -0.41 -2.72	4.33 -0.62 8.17	11.58 -0.69 3.20	16.83 -0.74 -0.23	23.13 -0.78 -3.79	24.90 -0.86 -3.94	6.44 -0.73 8.59	4.72 -0.66 9.13	21.01 -0.71 -3.30
OSWEGO___5 23606	16.60 -0.51 0.00	15.59 -0.45 0.00	14.83 -0.43 0.00	14.35 -0.41 0.00	11.68 -0.31 0.00	14.22 -0.37 0.00	9.91 -0.26 -0.06	14.31 -0.37 0.00	15.79 -0.39 0.00	12.33 -0.33 0.00	13.69 -0.38 0.00	10.46 -0.31 0.00	14.76 -0.48 0.00	14.93 -0.53 0.00	14.00 -0.50 0.00	7.87 -0.28 -0.09	12.62 -0.50 0.00	14.89 -0.59 0.00	16.68 -0.66 0.00	19.37 -0.75 0.00	21.04 -0.77 0.00	15.30 -0.46 0.00	14.09 -0.43 0.00	17.93 -0.49 0.00
OSWEGO___6 23613	16.60 -0.51 0.00	15.59 -0.45 0.00	14.83 -0.43 0.00	14.35 -0.41 0.00	11.68 -0.31 0.00	14.22 -0.37 0.00	9.91 -0.26 -0.06	14.31 -0.37 0.00	15.79 -0.39 0.00	12.33 -0.33 0.00	13.69 -0.38 0.00	10.46 -0.31 0.00	14.76 -0.48 0.00	14.93 -0.53 0.00	14.00 -0.50 0.00	7.87 -0.28 -0.09	12.62 -0.50 0.00	14.89 -0.59 0.00	16.68 -0.66 0.00	19.37 -0.75 0.00	21.04 -0.77 0.00	15.30 -0.46 0.00	14.09 -0.43 0.00	17.93 -0.49 0.00
OUTOKUMPU-AB___DRP 24206	15.83 -1.28 0.00	14.97 -1.07 0.00	14.14 -1.13 0.00	13.72 -1.04 0.00	11.17 -0.82 0.00	13.67 -0.91 0.00	9.62 -0.61 -0.12	13.67 -1.02 0.00	15.10 -1.08 0.00	11.69 -0.97 0.00	12.91 -1.16 0.00	9.76 -1.01 0.00	13.69 -1.55 0.00	13.75 -1.71 0.00	12.87 -1.63 0.00	7.29 -0.95 -0.18	11.17 -1.70 0.25	13.58 -1.90 0.00	15.34 -2.00 0.00	18.01 -2.11 0.00	19.78 -2.03 0.00	14.72 -1.04 0.00	13.57 -0.94 0.00	17.54 -0.88 0.00

OXBOW___BTM 323836	15.68 -1.44 0.00	14.84 -1.20 0.00	14.05 -1.21 0.00	13.56 -1.20 0.00	11.07 -0.92 0.00	13.54 -1.05 0.00	9.52 -0.71 -0.12	13.52 -1.17 0.00	14.92 -1.25 0.00	11.55 -1.11 0.00	12.76 -1.31 0.00	9.64 -1.12 0.00	13.51 -1.73 0.00	13.56 -1.90 0.00	12.69 -1.81 0.00	7.21 -1.03 -0.18	11.04 -1.84 0.25	13.41 -2.06 0.00	15.14 -2.20 0.00	17.79 -2.33 0.00	19.52 -2.29 0.00	14.52 -1.23 0.00	13.39 -1.12 0.00	17.35 -1.06 0.00
OXBOW____ 24026	15.68 -1.44 0.00	14.82 -1.22 0.00	13.99 -1.28 0.00	13.57 -1.18 0.00	11.05 -0.94 0.00	13.53 -1.06 0.00	9.52 -0.71 -0.12	13.52 -1.17 0.00	14.92 -1.26 0.00	11.55 -1.11 0.00	12.76 -1.31 0.00	9.64 -1.12 0.00	13.50 -1.74 0.00	13.54 -1.91 0.00	12.68 -1.82 0.00	7.19 -1.04 -0.18	11.02 -1.85 0.25	13.40 -2.08 0.00	15.13 -2.21 0.00	17.77 -2.35 0.00	19.52 -2.30 0.00	14.53 -1.23 0.00	13.39 -1.12 0.00	17.34 -1.07 0.00
OXY_CHEM_DSASP 323612	15.50 -1.62 0.00	14.66 -1.38 0.00	13.83 -1.43 0.00	13.42 -1.34 0.00	10.93 -1.06 0.00	13.37 -1.21 0.00	9.41 -0.82 -0.12	13.35 -1.34 0.00	14.74 -1.44 0.00	11.40 -1.26 0.00	12.59 -1.48 0.00	9.51 -1.25 0.00	13.30 -1.94 0.00	13.33 -2.13 0.00	12.48 -2.02 0.00	7.09 -1.15 -0.18	10.86 -2.02 0.24	13.22 -2.26 0.00	14.92 -2.42 0.00	17.52 -2.60 0.00	19.23 -2.58 0.00	14.32 -1.44 0.00	13.21 -1.30 0.00	17.14 -1.28 0.00
OZONE_PARK_ESR 323760	18.37 1.26 0.00	17.23 1.20 0.00	16.43 1.17 0.00	15.90 1.14 0.00	12.96 0.96 -0.01	15.79 1.21 0.00	12.45 0.89 -1.45	15.95 1.27 0.00	17.57 1.39 0.00	13.76 1.09 0.00	16.44 1.29 -1.07	15.47 1.04 -3.67	16.96 1.41 -0.31	23.29 1.45 -6.38	18.34 1.39 -2.46	16.80 0.78 -7.97	17.14 1.18 -2.84	17.18 1.37 -0.33	18.85 1.51 0.00	21.78 1.66 0.00	23.62 1.80 0.00	17.27 1.49 -0.02	15.87 1.36 0.00	19.70 1.29 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	15.50 -1.62 0.00	14.66 -1.38 0.00	13.83 -1.43 0.00	13.42 -1.34 0.00	10.93 -1.06 0.00	13.37 -1.21 0.00	9.41 -0.82 -0.12	13.35 -1.34 0.00	14.74 -1.44 0.00	11.40 -1.26 0.00	12.59 -1.48 0.00	9.51 -1.25 0.00	13.30 -1.94 0.00	13.33 -2.13 0.00	12.48 -2.02 0.00	7.09 -1.15 -0.18	10.86 -2.02 0.24	13.22 -2.26 0.00	14.92 -2.42 0.00	17.52 -2.60 0.00	19.23 -2.58 0.00	14.32 -1.44 0.00	13.21 -1.30 0.00	17.14 -1.28 0.00
PACKARD__115KV_DUPONT_184 80571	15.50 -1.62 0.00	14.66 -1.38 0.00	13.83 -1.43 0.00	13.42 -1.34 0.00	10.93 -1.06 0.00	13.37 -1.21 0.00	9.41 -0.82 -0.12	13.35 -1.34 0.00	14.74 -1.44 0.00	11.40 -1.26 0.00	12.59 -1.48 0.00	9.51 -1.25 0.00	13.30 -1.94 0.00	13.33 -2.13 0.00	12.48 -2.02 0.00	7.09 -1.15 -0.18	10.86 -2.02 0.24	13.22 -2.26 0.00	14.92 -2.42 0.00	17.52 -2.60 0.00	19.23 -2.58 0.00	14.32 -1.44 0.00	13.21 -1.30 0.00	17.14 -1.28 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	18.21 1.10 0.00	17.07 1.04 0.00	16.28 1.02 0.00	15.76 1.00 0.00	12.85 0.86 -0.01	15.66 1.08 0.00	12.36 0.80 -1.45	15.81 1.12 0.00	17.42 1.24 0.00	13.63 0.97 0.00	16.28 1.12 -1.08	15.36 0.89 -3.70	16.76 1.21 -0.31	23.12 1.21 -6.45	18.14 1.16 -2.48	16.74 0.66 -8.03	17.01 1.02 -2.87	17.01 1.20 -0.34	18.69 1.34 0.00	21.58 1.46 0.00	23.40 1.59 0.00	17.08 1.30 -0.02	15.72 1.21 0.00	19.52 1.11 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	18.22 1.10 0.00	17.08 1.04 0.00	16.28 1.02 0.00	15.77 1.02 0.00	12.86 0.86 -0.01	15.68 1.09 0.00	12.38 0.82 -1.45	15.86 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.31 1.15 -1.08	15.38 0.91 -3.70	16.77 1.22 -0.31	23.20 1.30 -6.45	18.18 1.20 -2.48	16.76 0.68 -8.03	17.04 1.05 -2.87	17.04 1.22 -0.34	18.72 1.38 0.00	21.62 1.50 0.00	23.46 1.64 0.00	17.11 1.34 -0.02	15.74 1.23 0.00	19.54 1.13 0.00
PATROON__115KV_TB1 80586	17.45 0.33 0.00	16.43 0.40 0.00	15.71 0.45 0.00	15.22 0.46 0.00	12.42 0.42 -0.01	15.10 0.52 0.00	12.27 0.37 -1.79	15.18 0.49 0.00	16.67 0.49 0.00	13.04 0.38 0.00	14.48 0.41 0.00	11.14 0.38 0.00	15.71 0.47 0.00	15.97 0.51 0.00	15.02 0.53 0.00	10.94 0.31 -2.57	13.57 0.45 0.00	15.97 0.49 0.00	17.89 0.55 0.00	20.71 0.58 0.00	22.44 0.63 0.00	16.31 0.55 0.00	15.00 0.49 0.00	18.80 0.38 0.00
PATTRSNVILLE__SOLAR 323815	17.66 0.55 0.00	16.55 0.52 0.00	15.77 0.51 0.00	15.28 0.52 0.00	12.46 0.46 -0.01	15.15 0.57 0.00	12.36 0.41 -1.85	15.26 0.57 0.00	16.78 0.60 0.00	13.12 0.46 0.00	14.59 0.52 0.00	11.16 0.40 0.00	15.76 0.52 0.00	16.01 0.56 0.00	15.05 0.55 0.00	11.02 0.32 -2.65	13.62 0.50 0.00	16.07 0.59 0.00	18.03 0.68 0.00	20.91 0.79 0.00	22.66 0.84 0.00	16.43 0.67 0.00	15.11 0.60 0.00	19.02 0.61 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	16.14 -0.97 0.00	15.26 -0.77 0.00	14.44 -0.82 0.00	14.00 -0.76 0.00	11.40 -0.59 0.00	13.98 -0.61 0.00	9.82 -0.42 -0.13	13.99 -0.70 0.00	15.47 -0.72 0.00	12.00 -0.66 0.00	13.26 -0.81 0.00	10.04 -0.73 0.00	14.15 -1.09 0.00	14.24 -1.21 0.00	13.32 -1.17 0.00	7.54 -0.71 -0.19	11.57 -1.29 0.27	14.04 -1.44 0.00	15.82 -1.52 0.00	18.55 -1.57 0.00	20.34 -1.47 0.00	15.12 -0.64 0.00	13.93 -0.58 0.00	17.91 -0.50 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.19 1.07 0.00	17.07 1.03 0.00	16.28 1.02 0.00	15.76 1.00 0.00	12.86 0.86 -0.01	15.66 1.08 0.00	12.36 0.80 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.65 0.99 0.00	15.21 1.14 0.00	11.68 0.91 0.00	16.47 1.23 0.00	16.76 1.31 0.00	15.75 1.26 0.00	10.85 0.71 -2.08	14.20 1.07 0.00	16.74 1.26 0.00	18.75 1.41 0.00	21.66 1.54 0.00	23.47 1.66 0.00	17.12 1.36 0.00	15.75 1.24 0.00	19.60 1.19 0.00
PEEKSKILL____ 23653	18.07 0.95 0.00	16.95 0.91 0.00	16.17 0.91 0.00	15.66 0.90 0.00	12.77 0.78 -0.01	15.56 0.98 0.00	12.28 0.72 -1.45	15.72 1.03 0.00	17.29 1.11 0.00	13.54 0.87 0.00	15.10 1.02 0.00	11.59 0.83 0.00	16.35 1.11 0.00	16.62 1.17 0.00	15.62 1.12 0.00	10.76 0.63 -2.08	14.06 0.94 0.00	16.57 1.09 0.00	18.54 1.20 0.00	21.41 1.29 0.00	23.20 1.39 0.00	16.94 1.18 0.00	15.60 1.09 0.00	19.40 0.99 0.00
PGE MADISON__WINDPWR 24146	17.33 0.22 0.00	16.26 0.23 0.00	15.60 0.34 0.00	15.17 0.41 0.00	12.41 0.42 0.00	15.09 0.50 0.00	10.67 0.33 -0.23	15.18 0.49 0.00	16.81 0.63 0.00	13.01 0.36 0.00	14.45 0.38 0.00	10.94 0.17 0.00	15.48 0.24 0.00	15.68 0.22 0.00	14.72 0.22 0.00	8.51 0.12 -0.33	13.39 0.21 -0.05	15.81 0.33 0.00	17.69 0.35 0.00	20.63 0.51 0.00	22.38 0.57 0.00	16.25 0.49 0.00	14.92 0.42 0.00	18.88 0.47 0.00
PIERCEFIELD__HYD 23852	16.94 -0.18 0.00	15.84 -0.20 0.00	15.03 -0.23 0.00	14.50 -0.26 0.00	11.69 -0.30 0.00	14.08 -0.50 0.00	9.72 -0.39 0.00	14.00 -0.69 0.00	19.97 -0.77 -4.56	15.45 -0.57 -3.36	13.51 -0.56 0.00	10.35 -0.42 0.00	18.86 -0.45 -4.07	19.93 -0.45 -4.93	18.90 -0.43 -4.84	11.73 -0.32 -4.00	0.30 -0.47 12.36	10.06 -0.51 4.91	17.04 -0.54 -0.24	25.15 -0.54 -5.58	26.99 -0.61 -5.79	2.15 -0.63 12.98	0.22 -0.53 13.76	22.85 -0.42 -4.86

PINELAWN_CC_1 323563	18.31 1.19 0.00	17.16 1.12 0.00	16.35 1.09 0.00	15.83 1.07 0.00	12.93 0.94 -0.01	15.71 1.12 0.00	12.37 0.81 -1.45	15.97 1.28 0.00	17.49 1.31 0.00	13.71 1.05 0.00	15.40 1.33 0.00	12.08 1.05 -0.26	16.59 1.35 0.00	16.93 1.33 -0.15	17.07 1.42 -1.16	10.93 0.79 -2.09	14.24 1.12 0.00	16.66 1.18 0.00	18.58 1.23 0.00	21.44 1.32 0.00	23.36 1.54 0.00	17.11 1.36 0.00	15.87 1.36 0.00	19.64 1.23 0.00
PJM_GEN_HTP_PROXY 323702	18.23 1.11 0.00	17.09 1.06 0.00	16.29 1.03 0.00	15.78 1.02 0.00	12.86 0.86 -0.01	15.67 1.09 0.00	12.37 0.81 -1.45	15.83 1.14 0.00	17.42 1.24 0.00	13.63 0.97 0.00	16.28 1.15 -1.06	15.31 0.92 -3.62	16.79 1.24 -0.31	23.05 1.28 -6.31	18.16 1.24 -2.43	16.65 0.69 -7.89	16.97 1.05 -2.80	17.02 1.21 -0.33	18.68 1.34 0.00	21.58 1.45 -0.01	23.38 1.57 0.00	17.09 1.31 -0.02	15.72 1.21 0.00	19.51 1.10 0.00
PJM_GEN_KEystone 24065	16.40 -0.08 0.64	16.05 0.01 0.00	15.31 0.04 0.00	14.81 0.05 0.00	5.52 0.09 6.55	15.15 0.18 -0.38	11.06 0.15 -0.81	14.86 0.17 0.00	16.38 0.19 0.00	12.78 0.11 0.00	14.28 0.13 -0.07	11.12 0.09 -0.26	15.37 0.11 -0.02	16.00 0.10 -0.45	14.76 0.10 -0.17	9.65 0.03 -1.57	13.19 -0.08 -0.15	15.42 -0.08 -0.02	17.25 -0.09 0.00	20.00 -0.12 0.00	21.75 -0.06 0.00	15.99 0.23 0.00	14.72 0.21 0.00	18.56 0.15 0.00
PJM_GEN_NEPTUNE_PROXY 323594	18.11 0.99 0.00	16.99 0.95 0.00	16.19 0.93 0.00	15.68 0.92 0.00	12.81 0.82 -0.01	15.55 0.97 0.00	12.27 0.71 -1.45	15.79 1.10 0.00	17.30 1.12 0.00	13.58 0.92 0.00	15.23 1.16 0.00	11.96 0.94 -0.26	16.44 1.20 0.00	16.65 1.22 0.02	15.59 1.26 0.16	10.84 0.70 -2.08	14.11 0.98 0.00	16.51 1.03 0.00	18.42 1.08 0.00	21.25 1.13 0.00	23.11 1.30 0.00	16.93 1.17 0.00	15.68 1.17 0.00	19.41 1.00 0.00
PJM_GEN_VFT_PROXY 323633	18.17 1.06 0.00	17.05 1.01 0.00	16.26 1.00 0.00	15.74 0.99 0.00	12.83 0.84 -0.01	15.64 1.05 0.00	12.34 0.78 -1.45	15.79 1.10 0.00	17.39 1.21 0.00	13.61 0.95 0.00	16.27 1.13 -1.07	15.34 0.91 -3.67	16.78 1.23 -0.32	23.11 1.27 -6.39	18.17 1.22 -2.46	16.70 0.68 -7.97	16.97 1.01 -2.84	16.99 1.17 -0.34	18.63 1.29 0.00	21.52 1.39 -0.01	23.32 1.51 0.00	17.06 1.28 -0.02	15.68 1.17 0.00	19.48 1.06 0.00
PLATSBURG_115KV_PMLD1 355749	17.52 0.40 0.00	16.50 0.47 0.00	15.75 0.49 0.00	15.28 0.52 0.00	12.21 0.22 0.00	14.45 -0.13 0.00	9.75 -0.36 0.00	13.81 -0.87 0.00	-17.79 -0.98 32.99	-12.40 -0.77 24.29	13.36 -0.72 0.00	10.30 -0.46 0.00	-14.94 -0.78 29.39	-20.84 -0.72 35.58	-21.09 -0.66 34.93	-21.15 -0.38 28.83	-20.89 -0.51 33.50	-20.83 -0.60 35.72	-20.77 -0.61 37.50	-20.73 -0.63 40.22	-20.70 -0.73 41.78	-15.94 -0.88 30.83	-6.69 -0.69 20.51	-17.44 -0.81 35.05
PLEASANTVLY___LBMP 24000	17.92 0.80 0.00	16.82 0.79 0.00	16.05 0.79 0.00	15.55 0.79 0.00	12.69 0.70 -0.01	15.45 0.86 0.00	12.27 0.64 -1.52	15.60 0.91 0.00	17.16 0.97 0.00	13.42 0.76 0.00	14.94 0.87 0.00	11.48 0.71 0.00	16.19 0.95 0.00	16.47 1.01 0.00	15.46 0.97 0.00	10.79 0.55 -2.19	13.94 0.82 0.00	16.43 0.95 0.00	18.40 1.05 0.00	21.24 1.12 0.00	23.01 1.20 0.00	16.79 1.03 0.00	15.46 0.95 0.00	19.24 0.83 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	18.07 0.95 0.00	16.95 0.92 0.00	16.18 0.91 0.00	15.66 0.90 0.00	12.78 0.78 -0.01	15.56 0.98 0.00	12.29 0.72 -1.46	15.72 1.04 0.00	17.29 1.12 0.00	13.54 0.88 0.00	15.09 1.02 0.00	11.59 0.83 0.00	16.35 1.11 0.00	16.63 1.17 0.00	15.61 1.12 0.00	10.79 0.63 -2.10	14.07 0.95 0.00	16.57 1.09 0.00	18.55 1.21 0.00	21.42 1.30 0.00	23.21 1.40 0.00	16.95 1.20 0.00	15.60 1.09 0.00	19.41 0.99 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	18.07 0.95 0.00	16.95 0.92 0.00	16.18 0.91 0.00	15.66 0.90 0.00	12.78 0.78 -0.01	15.56 0.98 0.00	12.29 0.72 -1.46	15.72 1.04 0.00	17.29 1.12 0.00	13.54 0.88 0.00	15.09 1.02 0.00	11.59 0.83 0.00	16.35 1.11 0.00	16.63 1.17 0.00	15.61 1.12 0.00	10.79 0.63 -2.10	14.07 0.95 0.00	16.57 1.09 0.00	18.55 1.21 0.00	21.42 1.30 0.00	23.21 1.40 0.00	16.95 1.20 0.00	15.60 1.09 0.00	19.41 0.99 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.19 1.07 0.00	17.07 1.03 0.00	16.27 1.01 0.00	15.76 1.00 0.00	12.86 0.86 -0.01	15.67 1.08 0.00	12.36 0.80 -1.45	15.84 1.15 0.00	17.44 1.26 0.00	13.65 0.98 0.00	15.20 1.13 0.00	11.66 0.90 0.00	16.46 1.23 0.00	16.76 1.30 0.00	15.76 1.27 0.00	10.84 0.71 -2.08	14.19 1.07 0.00	16.74 1.26 0.00	18.77 1.43 0.00	21.70 1.58 0.00	23.50 1.69 0.00	17.13 1.38 0.00	15.75 1.24 0.00	19.62 1.21 0.00
POLETTI____ 23519	18.22 1.11 0.00	17.10 1.06 0.00	16.30 1.04 0.00	15.78 1.02 0.00	12.86 0.86 -0.01	15.68 1.09 0.00	12.37 0.81 -1.45	15.81 1.13 0.00	17.42 1.24 0.00	13.63 0.97 0.00	16.30 1.16 -1.07	15.36 0.94 -3.67	16.81 1.26 -0.31	23.12 1.28 -6.38	18.19 1.24 -2.46	16.72 0.70 -7.97	17.01 1.05 -2.84	17.03 1.22 -0.33	18.67 1.33 0.00	21.57 1.45 0.00	23.38 1.57 0.00	17.09 1.32 -0.02	15.72 1.21 0.00	19.50 1.09 0.00
POMONA___ESR 323819	17.95 0.83 0.00	16.83 0.79 0.00	16.06 0.80 0.00	15.55 0.80 0.00	12.69 0.69 -0.01	15.46 0.88 0.00	12.11 0.64 -1.35	15.61 0.93 0.00	17.18 1.00 0.00	13.45 0.79 0.00	15.00 0.93 0.00	11.52 0.76 0.00	16.27 1.03 0.00	16.54 1.09 0.00	15.54 1.04 0.00	10.58 0.58 -1.94	13.96 0.84 0.00	16.46 0.98 0.00	18.42 1.07 0.00	21.26 1.14 0.00	23.04 1.23 0.00	16.83 1.07 0.00	15.49 0.98 0.00	19.32 0.91 0.00
PORT_JEFF_3 23555	18.41 1.30 0.00	17.26 1.22 0.00	16.46 1.20 0.00	15.93 1.18 0.00	13.02 1.02 -0.01	15.80 1.22 0.00	12.43 0.87 -1.45	16.14 1.45 0.00	17.66 1.48 0.00	13.83 1.17 0.00	15.55 1.47 0.00	12.19 1.16 -0.26	16.74 1.50 0.00	16.97 1.44 -0.07	16.54 1.49 -0.56	10.97 0.83 -2.08	14.31 1.19 0.00	16.71 1.23 0.00	18.61 1.26 0.00	21.45 1.33 0.00	23.43 1.62 0.00	17.21 1.46 0.00	15.98 1.47 0.00	19.79 1.38 0.00
PORT_JEFF_4 23616	18.41 1.30 0.00	17.26 1.22 0.00	16.46 1.20 0.00	15.93 1.18 0.00	13.02 1.02 -0.01	15.80 1.22 0.00	12.43 0.87 -1.45	16.14 1.45 0.00	17.66 1.48 0.00	13.83 1.17 0.00	15.55 1.47 0.00	12.19 1.16 -0.26	16.74 1.50 0.00	16.97 1.44 -0.07	16.54 1.49 -0.56	10.97 0.83 -2.08	14.31 1.19 0.00	16.71 1.23 0.00	18.61 1.26 0.00	21.45 1.33 0.00	23.43 1.62 0.00	17.21 1.46 0.00	15.98 1.47 0.00	19.79 1.38 0.00
PORT_JEFF_IC 23713	18.42 1.31 0.00	17.27 1.23 0.00	16.47 1.21 0.00	15.94 1.18 0.00	13.03 1.03 -0.01	15.81 1.23 0.00	12.44 0.88 -1.45	16.16 1.47 0.00	17.67 1.49 0.00	13.84 1.18 0.00	15.56 1.49 0.00	12.20 1.17 -0.26	16.75 1.51 0.00	16.98 1.45 -0.07	16.58 1.50 -0.58	10.98 0.84 -2.08	14.32 1.20 0.00	16.71 1.23 0.00	18.57 1.23 0.00	21.42 1.30 0.00	23.40 1.59 0.00	17.22 1.47 0.00	15.99 1.48 0.00	19.80 1.39 0.00

PPL PILGRIM_ST_GT1 24216	18.44 1.32 0.00	17.28 1.25 0.00	16.47 1.21 0.00	15.95 1.20 0.00	13.03 1.04 -0.01	15.82 1.24 0.00	12.45 0.89 -1.45	16.12 1.42 0.00	17.63 1.45 0.00	13.82 1.16 0.00	15.54 1.46 0.00	12.19 1.16 -0.26	16.74 1.51 0.00	17.01 1.47 -0.08	16.69 1.53 -0.67	10.99 0.85 -2.08	14.33 1.20 0.00	16.75 1.28 0.00	18.67 1.33 0.00	21.54 1.42 0.00	23.49 1.68 0.00	17.22 1.46 0.00	15.98 1.47 0.00	19.79 1.38 0.00
PPL PILGRIM_ST_GT2 24217	18.44 1.32 0.00	17.28 1.25 0.00	16.47 1.21 0.00	15.95 1.20 0.00	13.03 1.04 -0.01	15.82 1.24 0.00	12.45 0.89 -1.45	16.12 1.42 0.00	17.63 1.45 0.00	13.82 1.16 0.00	15.54 1.46 0.00	12.19 1.16 -0.26	16.74 1.51 0.00	17.01 1.47 -0.08	16.69 1.53 -0.67	10.99 0.85 -2.08	14.33 1.20 0.00	16.75 1.28 0.00	18.67 1.33 0.00	21.54 1.42 0.00	23.49 1.68 0.00	17.22 1.46 0.00	15.98 1.47 0.00	19.79 1.38 0.00
PPL_SHRM_GT3 24213	18.38 1.26 0.00	17.22 1.19 0.00	16.45 1.19 0.00	15.92 1.17 0.00	13.01 1.01 -0.01	15.79 1.21 0.00	12.42 0.86 -1.45	16.28 1.59 0.00	17.80 1.62 0.00	13.93 1.27 0.00	15.64 1.57 0.00	12.25 1.22 -0.26	16.81 1.57 0.00	16.96 1.43 -0.07	16.52 1.46 -0.57	10.95 0.81 -2.08	14.29 1.17 0.00	16.62 1.15 0.00	18.53 1.19 0.00	21.34 1.22 0.00	23.42 1.61 0.00	17.22 1.46 0.00	16.00 1.49 0.00	19.84 1.43 0.00
PPL_SHRM_GT4 24214	18.38 1.26 0.00	17.22 1.19 0.00	16.45 1.19 0.00	15.92 1.17 0.00	13.01 1.01 -0.01	15.79 1.21 0.00	12.42 0.86 -1.45	16.28 1.59 0.00	17.80 1.62 0.00	13.93 1.27 0.00	15.64 1.57 0.00	12.25 1.22 -0.26	16.81 1.57 0.00	16.96 1.43 -0.07	16.52 1.46 -0.57	10.95 0.81 -2.08	14.29 1.17 0.00	16.62 1.15 0.00	18.53 1.19 0.00	21.34 1.22 0.00	23.42 1.61 0.00	17.22 1.46 0.00	16.00 1.49 0.00	19.84 1.43 0.00
PROJECT___ORANGE 1 24174	16.75 -0.37 0.00	15.72 -0.32 0.00	14.95 -0.31 0.00	14.47 -0.28 0.00	11.78 -0.20 0.00	14.36 -0.22 0.00	10.02 -0.16 -0.07	14.47 -0.22 0.00	15.97 -0.21 0.00	12.47 -0.19 0.00	13.84 -0.23 0.00	10.57 -0.19 0.00	14.92 -0.32 0.00	15.09 -0.37 0.00	14.15 -0.34 0.00	7.97 -0.19 -0.10	12.75 -0.37 0.00	15.05 -0.43 0.00	16.86 -0.49 0.00	19.58 -0.54 0.00	21.27 -0.54 0.00	15.49 -0.27 0.00	14.26 -0.25 0.00	18.13 -0.28 0.00
PROJECT___ORANGE 2 24166	16.75 -0.37 0.00	15.72 -0.32 0.00	14.95 -0.31 0.00	14.47 -0.28 0.00	11.78 -0.20 0.00	14.36 -0.22 0.00	10.02 -0.16 -0.07	14.47 -0.22 0.00	15.97 -0.21 0.00	12.47 -0.19 0.00	13.84 -0.23 0.00	10.57 -0.19 0.00	14.92 -0.32 0.00	15.09 -0.37 0.00	14.15 -0.34 0.00	7.97 -0.19 -0.10	12.75 -0.37 0.00	15.05 -0.43 0.00	16.86 -0.49 0.00	19.58 -0.54 0.00	21.27 -0.54 0.00	15.49 -0.27 0.00	14.26 -0.25 0.00	18.13 -0.28 0.00
PUCKETT___SOLAR 323809	16.92 -0.19 0.00	15.89 -0.15 0.00	15.16 -0.11 0.00	14.70 -0.06 0.00	12.00 0.01 0.00	14.63 0.04 0.00	10.39 0.04 -0.24	14.75 0.06 0.00	16.27 0.10 0.00	12.69 0.03 0.00	14.07 0.00 0.00	10.71 -0.06 0.00	15.15 -0.09 0.00	15.33 -0.13 0.00	14.40 -0.10 0.00	8.34 -0.07 -0.35	12.97 -0.16 0.00	15.31 -0.17 0.00	17.08 -0.27 0.00	19.89 -0.23 0.00	21.62 -0.20 0.00	15.78 0.02 0.00	14.50 -0.01 0.00	18.37 -0.04 0.00
PYRITES___HYD 24023	17.26 0.15 0.00	16.14 0.10 0.00	15.32 0.06 0.00	14.77 0.01 0.00	11.91 -0.08 0.00	14.39 -0.19 0.00	9.95 -0.16 0.00	14.37 -0.31 0.00	19.90 -0.35 -4.07	15.38 -0.27 -3.00	13.82 -0.25 0.00	10.56 -0.21 0.00	18.70 -0.17 -3.63	19.68 -0.18 -4.40	18.63 -0.19 -4.32	11.47 -0.15 -3.57	-0.03 -0.16 13.00	9.84 -0.11 5.52	16.90 -0.08 0.36	25.12 0.03 -4.98	26.98 -0.01 -5.17	1.94 -0.24 13.58	0.11 -0.19 14.20	22.73 -0.01 -4.33
QUAKERRD_115KV_BK1 80622	16.07 -1.05 0.00	15.13 -0.91 0.00	14.34 -0.92 0.00	13.89 -0.86 0.00	11.31 -0.68 0.00	13.82 -0.77 0.00	9.68 -0.53 -0.10	13.89 -0.80 0.00	15.34 -0.84 0.00	11.95 -0.71 0.00	13.25 -0.82 0.00	10.08 -0.69 0.00	14.20 -1.04 0.00	14.31 -1.14 0.00	13.41 -1.09 0.00	7.57 -0.63 -0.14	11.99 -1.13 0.00	14.20 -1.28 0.00	15.98 -1.36 0.00	18.67 -1.45 0.00	20.36 -1.45 0.00	14.93 -0.83 0.00	13.74 -0.77 0.00	17.56 -0.86 0.00
QUENSBRY_115KV_TB8 356137	17.69 0.57 0.00	16.61 0.57 0.00	15.89 0.62 0.00	15.40 0.64 0.00	12.57 0.58 -0.01	15.24 0.66 0.00	12.47 0.54 -1.82	15.46 0.77 0.00	16.96 0.79 0.00	13.28 0.62 0.00	14.71 0.64 0.00	11.29 0.53 0.00	15.89 0.65 0.00	16.23 0.77 0.00	15.18 0.68 0.00	11.06 0.40 -2.60	13.85 0.72 0.00	16.37 0.89 0.00	18.35 1.01 0.00	21.24 1.12 0.00	22.88 1.07 0.00	16.65 0.89 0.00	15.31 0.80 0.00	19.03 0.62 0.00
RAMAPO___LBMP 323565	17.87 0.75 0.00	16.76 0.72 0.00	15.99 0.73 0.00	15.49 0.73 0.00	12.63 0.64 -0.01	15.40 0.81 0.00	12.05 0.60 -1.34	15.55 0.86 0.00	17.11 0.93 0.00	13.39 0.73 0.00	14.94 0.87 0.00	11.48 0.71 0.00	16.20 0.96 0.00	16.48 1.02 0.00	15.46 0.97 0.00	10.52 0.54 -1.93	13.90 0.77 0.00	16.38 0.90 0.00	18.33 0.99 0.00	21.16 1.04 0.00	22.93 1.12 0.00	16.75 0.99 0.00	15.42 0.91 0.00	19.24 0.83 0.00
RANKINE____ 23646	15.92 -1.20 0.00	15.04 -1.00 0.00	14.22 -1.05 0.00	13.80 -0.97 0.00	11.22 -0.77 0.00	13.76 -0.83 0.00	9.68 -0.56 -0.13	13.77 -0.92 0.00	15.21 -0.97 0.00	11.80 -0.86 0.00	13.03 -1.04 0.00	9.86 -0.91 0.00	13.88 -1.36 0.00	13.97 -1.49 0.00	13.06 -1.43 0.00	7.40 -0.85 -0.19	11.28 -1.53 0.31	13.77 -1.71 0.00	15.53 -1.82 0.00	18.22 -1.90 0.00	20.00 -1.81 0.00	14.89 -0.87 0.00	13.73 -0.78 0.00	17.69 -0.72 0.00
RAVENSWOOD_GT2_1 24244	18.21 1.09 0.00	17.08 1.05 0.00	16.29 1.03 0.00	15.77 1.01 0.00	12.86 0.86 -0.01	15.67 1.08 0.00	12.36 0.80 -1.45	15.82 1.14 0.00	17.42 1.24 0.00	13.63 0.97 0.00	16.30 1.15 -1.08	15.39 0.92 -3.70	16.80 1.24 -0.31	23.19 1.28 -6.45	18.21 1.24 -2.48	16.78 0.69 -8.03	17.03 1.04 -2.87	17.02 1.21 -0.34	18.67 1.33 0.00	21.57 1.45 0.00	23.38 1.57 0.00	17.09 1.31 -0.02	15.71 1.20 0.00	19.51 1.10 0.00
RAVENSWOOD_GT2_2 24245	18.21 1.09 0.00	17.08 1.05 0.00	16.29 1.03 0.00	15.77 1.01 0.00	12.86 0.86 -0.01	15.67 1.08 0.00	12.36 0.80 -1.45	15.82 1.14 0.00	17.42 1.24 0.00	13.63 0.97 0.00	16.30 1.15 -1.08	15.39 0.92 -3.70	16.80 1.24 -0.31	23.19 1.28 -6.45	18.21 1.24 -2.48	16.78 0.69 -8.03	17.03 1.04 -2.87	17.02 1.21 -0.34	18.67 1.33 0.00	21.57 1.45 0.00	23.38 1.57 0.00	17.09 1.31 -0.02	15.71 1.20 0.00	19.51 1.10 0.00
RAVENSWOOD_GT2_3 24246	18.21 1.10 0.00	17.09 1.05 0.00	16.29 1.03 0.00	15.77 1.01 0.00	12.86 0.86 -0.01	15.67 1.08 0.00	12.37 0.80 -1.45	15.82 1.14 0.00	17.42 1.24 0.00	13.64 0.98 0.00	16.30 1.15 -1.08	15.39 0.93 -3.70	16.80 1.25 -0.31	23.19 1.29 -6.45	18.21 1.24 -2.48	16.78 0.70 -8.03	17.03 1.04 -2.87	17.03 1.21 -0.34	18.68 1.34 0.00	21.57 1.45 0.00	23.38 1.57 0.00	17.09 1.32 -0.02	15.72 1.21 0.00	19.52 1.10 0.00

RAVENSWOOD_GT2_4 24247	18.21 1.10 0.00	17.09 1.05 0.00	16.29 1.03 0.00	15.77 1.01 0.00	12.86 0.86 -0.01	15.67 1.08 0.00	12.37 0.80 -1.45	15.82 1.14 0.00	17.42 1.24 0.00	13.64 0.98 0.00	16.30 1.15 -1.08	15.39 0.93 -3.70	16.80 1.25 -0.31	23.19 1.29 -6.45	18.21 1.24 -2.48	16.78 0.70 -8.03	17.03 1.04 -2.87	17.03 1.21 -0.34	18.68 1.34 0.00	21.57 1.45 0.00	23.38 1.57 0.00	17.09 1.32 -0.02	15.72 1.21 0.00	19.52 1.10 0.00
RAVENSWOOD_GT3_1 24248	18.21 1.10 0.00	17.08 1.05 0.00	16.29 1.03 0.00	15.77 1.01 0.00	12.86 0.86 -0.01	15.67 1.08 0.00	12.37 0.80 -1.45	15.82 1.14 0.00	17.42 1.24 0.00	13.63 0.97 0.00	16.30 1.15 -1.08	15.39 0.93 -3.70	16.80 1.25 -0.31	23.19 1.28 -6.45	18.21 1.24 -2.48	16.78 0.69 -8.03	17.03 1.04 -2.87	17.03 1.21 -0.34	18.68 1.33 0.00	21.57 1.45 0.00	23.38 1.57 0.00	17.09 1.32 -0.02	15.72 1.21 0.00	19.52 1.10 0.00
RAVENSWOOD_GT3_2 24249	18.21 1.10 0.00	17.08 1.05 0.00	16.29 1.03 0.00	15.77 1.01 0.00	12.86 0.86 -0.01	15.67 1.08 0.00	12.37 0.80 -1.45	15.82 1.14 0.00	17.42 1.24 0.00	13.63 0.97 0.00	16.30 1.15 -1.08	15.39 0.93 -3.70	16.80 1.25 -0.31	23.19 1.28 -6.45	18.21 1.24 -2.48	16.78 0.69 -8.03	17.03 1.04 -2.87	17.03 1.21 -0.34	18.68 1.33 0.00	21.57 1.45 0.00	23.38 1.57 0.00	17.09 1.32 -0.02	15.72 1.21 0.00	19.52 1.10 0.00
RAVENSWOOD_GT3_3 24250	18.23 1.11 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.03 0.00	12.87 0.88 -0.01	15.68 1.10 0.00	12.38 0.82 -1.45	15.84 1.15 0.00	17.44 1.26 0.00	13.65 0.99 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.83 1.27 -0.31	23.21 1.31 -6.45	18.23 1.26 -2.48	16.79 0.71 -8.03	17.05 1.06 -2.87	17.05 1.24 -0.34	18.70 1.36 0.00	21.60 1.48 0.00	23.41 1.60 0.00	17.11 1.34 -0.02	15.74 1.23 0.00	19.54 1.13 0.00
RAVENSWOOD_GT3_4 24251	18.23 1.11 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.03 0.00	12.87 0.88 -0.01	15.68 1.10 0.00	12.38 0.82 -1.45	15.84 1.15 0.00	17.44 1.26 0.00	13.65 0.99 0.00	16.33 1.17 -1.08	15.41 0.94 -3.70	16.83 1.27 -0.31	23.21 1.31 -6.45	18.23 1.26 -2.48	16.79 0.71 -8.03	17.05 1.06 -2.87	17.05 1.24 -0.34	18.70 1.36 0.00	21.60 1.48 0.00	23.41 1.60 0.00	17.11 1.34 -0.02	15.74 1.23 0.00	19.54 1.13 0.00
RAVENSWOOD_GT_1 23729	18.23 1.12 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.69 1.11 0.00	12.38 0.82 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.31 1.16 -1.08	15.39 0.93 -3.70	16.81 1.26 -0.31	23.19 1.29 -6.45	18.21 1.23 -2.48	16.78 0.69 -8.03	17.04 1.05 -2.87	17.04 1.23 -0.34	18.70 1.36 0.00	21.60 1.48 0.00	23.41 1.60 0.00	17.11 1.34 -0.02	15.74 1.23 0.00	19.53 1.11 0.00
RAVENSWOOD_GT_10 24258	18.21 1.10 0.00	17.08 1.05 0.00	16.29 1.03 0.00	15.77 1.01 0.00	12.86 0.86 -0.01	15.67 1.08 0.00	12.36 0.80 -1.45	15.82 1.14 0.00	17.42 1.24 0.00	13.63 0.97 0.00	16.30 1.15 -1.08	15.39 0.93 -3.70	16.80 1.25 -0.31	23.19 1.28 -6.45	18.21 1.24 -2.48	16.78 0.70 -8.03	17.03 1.04 -2.87	17.03 1.21 -0.34	18.68 1.33 0.00	21.57 1.45 0.00	23.38 1.57 0.00	17.09 1.32 -0.02	15.72 1.21 0.00	19.51 1.10 0.00
RAVENSWOOD_GT_11 24259	18.21 1.10 0.00	17.08 1.05 0.00	16.29 1.03 0.00	15.77 1.01 0.00	12.86 0.86 -0.01	15.67 1.08 0.00	12.36 0.80 -1.45	15.82 1.14 0.00	17.42 1.24 0.00	13.63 0.97 0.00	16.30 1.15 -1.08	15.39 0.93 -3.70	16.80 1.25 -0.31	23.19 1.28 -6.45	18.21 1.24 -2.48	16.78 0.70 -8.03	17.03 1.04 -2.87	17.03 1.21 -0.34	18.68 1.33 0.00	21.57 1.45 0.00	23.38 1.57 0.00	17.09 1.32 -0.02	15.72 1.21 0.00	19.51 1.10 0.00
RAVENSWOOD_GT_4 24252	18.21 1.09 0.00	17.08 1.05 0.00	16.29 1.03 0.00	15.77 1.01 0.00	12.85 0.86 -0.01	15.66 1.08 0.00	12.36 0.80 -1.45	15.82 1.13 0.00	17.42 1.24 0.00	13.63 0.97 0.00	16.30 1.15 -1.08	15.39 0.92 -3.70	16.80 1.24 -0.31	23.19 1.29 -6.45	18.21 1.24 -2.48	16.78 0.70 -8.03	17.03 1.04 -2.87	17.02 1.21 -0.34	18.67 1.33 0.00	21.56 1.44 0.00	23.37 1.56 0.00	17.08 1.31 -0.02	15.71 1.20 0.00	19.51 1.10 0.00
RAVENSWOOD_GT_5 24254	18.21 1.09 0.00	17.08 1.05 0.00	16.29 1.03 0.00	15.77 1.01 0.00	12.85 0.86 -0.01	15.66 1.08 0.00	12.36 0.80 -1.45	15.82 1.13 0.00	17.42 1.24 0.00	13.63 0.97 0.00	16.30 1.15 -1.08	15.39 0.92 -3.70	16.80 1.24 -0.31	23.19 1.29 -6.45	18.21 1.24 -2.48	16.78 0.70 -8.03	17.03 1.04 -2.87	17.02 1.21 -0.34	18.67 1.33 0.00	21.56 1.44 0.00	23.37 1.56 0.00	17.08 1.31 -0.02	15.71 1.20 0.00	19.51 1.10 0.00
RAVENSWOOD_GT_6 24253	18.21 1.09 0.00	17.08 1.05 0.00	16.29 1.03 0.00	15.77 1.01 0.00	12.85 0.86 -0.01	15.66 1.08 0.00	12.36 0.80 -1.45	15.82 1.13 0.00	17.42 1.24 0.00	13.63 0.97 0.00	16.30 1.15 -1.08	15.39 0.92 -3.70	16.80 1.24 -0.31	23.19 1.29 -6.45	18.21 1.24 -2.48	16.78 0.70 -8.03	17.03 1.04 -2.87	17.02 1.21 -0.34	18.67 1.33 0.00	21.56 1.44 0.00	23.37 1.56 0.00	17.08 1.31 -0.02	15.71 1.20 0.00	19.51 1.10 0.00
RAVENSWOOD_GT_7 24255	18.21 1.09 0.00	17.08 1.05 0.00	16.29 1.03 0.00	15.77 1.01 0.00	12.85 0.86 -0.01	15.66 1.08 0.00	12.36 0.80 -1.45	15.82 1.13 0.00	17.42 1.24 0.00	13.63 0.97 0.00	16.30 1.15 -1.08	15.39 0.92 -3.70	16.80 1.24 -0.31	23.19 1.29 -6.45	18.21 1.24 -2.48	16.78 0.70 -8.03	17.03 1.04 -2.87	17.02 1.21 -0.34	18.67 1.33 0.00	21.56 1.44 0.00	23.37 1.56 0.00	17.08 1.31 -0.02	15.71 1.20 0.00	19.51 1.10 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.21 1.10 0.00	17.08 1.05 0.00	16.29 1.03 0.00	15.77 1.01 0.00	12.86 0.86 -0.01	15.67 1.08 0.00	12.36 0.80 -1.45	15.82 1.14 0.00	17.42 1.24 0.00	13.63 0.97 0.00	16.30 1.15 -1.08	15.39 0.93 -3.70	16.80 1.25 -0.31	23.19 1.28 -6.45	18.21 1.24 -2.48	16.78 0.70 -8.03	17.03 1.04 -2.87	17.03 1.21 -0.34	18.68 1.33 0.00	21.57 1.45 0.00	23.38 1.57 0.00	17.09 1.32 -0.02	15.72 1.21 0.00	19.51 1.10 0.00
RAVENSWOOD_GT_9 24257	18.21 1.10 0.00	17.08 1.05 0.00	16.29 1.03 0.00	15.77 1.01 0.00	12.86 0.86 -0.01	15.67 1.08 0.00	12.36 0.80 -1.45	15.82 1.14 0.00	17.42 1.24 0.00	13.63 0.97 0.00	16.30 1.15 -1.08	15.39 0.93 -3.70	16.80 1.25 -0.31	23.19 1.28 -6.45	18.21 1.24 -2.48	16.78 0.70 -8.03	17.03 1.04 -2.87	17.03 1.21 -0.34	18.68 1.33 0.00	21.57 1.45 0.00	23.38 1.57 0.00	17.09 1.32 -0.02	15.72 1.21 0.00	19.51 1.10 0.00
RAVENSWOOD___1 23533	18.23 1.11 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.87 -0.01	15.69 1.10 0.00	12.38 0.82 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.32 1.16 -1.08	15.40 0.93 -3.70	16.81 1.26 -0.32	23.19 1.29 -6.45	18.21 1.23 -2.48	16.78 0.69 -8.03	17.04 1.05 -2.87	17.05 1.23 -0.34	18.70 1.36 0.00	21.61 1.48 0.00	23.42 1.60 0.00	17.12 1.34 -0.02	15.74 1.23 0.00	19.53 1.12 0.00

RAVENSWOOD___2 23534	18.23 1.11 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.87 -0.01	15.69 1.10 0.00	12.38 0.82 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.32 1.16 -1.08	15.40 0.93 -3.70	16.81 1.26 -0.32	23.19 1.29 -6.45	18.21 1.23 -2.48	16.78 0.69 -8.03	17.04 1.05 -2.87	17.05 1.23 -0.34	18.70 1.36 0.00	21.61 1.48 -0.01	23.42 1.60 0.00	17.12 1.34 -0.02	15.74 1.23 0.00	19.53 1.12 0.00
RAVENSWOOD___3 23535	18.21 1.09 0.00	17.08 1.05 0.00	16.29 1.03 0.00	15.77 1.02 0.00	12.86 0.86 -0.01	15.67 1.08 0.00	12.36 0.80 -1.45	15.82 1.14 0.00	17.42 1.24 0.00	13.64 0.98 0.00	16.31 1.15 -1.08	15.39 0.93 -3.70	16.80 1.25 -0.32	23.19 1.28 -6.45	18.21 1.24 -2.48	16.78 0.70 -8.03	17.03 1.05 -2.87	17.03 1.21 -0.34	18.68 1.34 0.00	21.58 1.45 -0.01	23.39 1.57 0.00	17.10 1.32 -0.02	15.72 1.21 0.00	19.52 1.10 0.00
RAVENSWOOD___4 23820	18.23 1.11 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.87 -0.01	15.69 1.10 0.00	12.38 0.82 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.32 1.16 -1.08	15.40 0.93 -3.70	16.81 1.26 -0.32	23.19 1.29 -6.45	18.21 1.23 -2.48	16.78 0.69 -8.03	17.04 1.05 -2.87	17.05 1.23 -0.34	18.70 1.36 0.00	21.61 1.48 -0.01	23.42 1.60 0.00	17.12 1.34 -0.02	15.74 1.23 0.00	19.53 1.12 0.00
RCPI_TRUST___DRP 24196	18.24 1.13 0.00	17.12 1.08 0.00	16.32 1.06 0.00	15.80 1.04 0.00	12.87 0.88 -0.01	15.69 1.11 0.00	12.38 0.82 -1.45	15.84 1.16 0.00	17.45 1.27 0.00	13.65 0.99 0.00	16.30 1.17 -1.06	15.33 0.94 -3.63	16.82 1.27 -0.31	23.09 1.31 -6.32	18.18 1.25 -2.43	16.67 0.71 -7.91	16.99 1.06 -2.81	17.04 1.24 -0.33	18.70 1.36 0.00	21.60 1.48 0.00	23.41 1.60 0.00	17.11 1.34 -0.02	15.74 1.22 0.00	19.54 1.12 0.00
RED___ROCHESTER 323720	16.38 -0.74 0.00	15.44 -0.60 0.00	14.65 -0.61 0.00	14.15 -0.61 0.00	11.54 -0.45 0.00	14.09 -0.49 0.00	9.88 -0.33 -0.10	14.15 -0.54 0.00	15.64 -0.54 0.00	12.18 -0.48 0.00	13.50 -0.57 0.00	10.26 -0.50 0.00	14.44 -0.79 0.00	14.55 -0.90 0.00	13.63 -0.86 0.00	7.69 -0.51 -0.14	12.16 -0.96 0.00	14.41 -1.07 0.00	16.24 -1.10 0.00	19.02 -1.10 0.00	20.78 -1.03 0.00	15.28 -0.48 0.00	14.05 -0.46 0.00	17.98 -0.43 0.00
REGAN___SOLAR 323812	18.52 1.40 0.00	17.32 1.28 0.00	16.51 1.25 0.00	16.00 1.24 0.00	13.03 1.03 -0.01	15.89 1.31 0.00	12.96 0.92 -1.93	16.06 1.38 0.00	17.70 1.52 0.00	13.74 1.08 0.00	15.20 1.13 0.00	11.63 0.87 0.00	16.41 1.17 0.00	16.63 1.17 0.00	15.69 1.20 0.00	11.48 0.66 -2.76	14.31 1.19 0.00	16.97 1.49 0.00	19.08 1.74 0.00	22.28 2.17 0.00	24.17 2.36 0.00	17.46 1.70 0.00	15.97 1.45 0.00	20.17 1.75 0.00
RENSSELAER___COGEN 23796	17.36 0.25 0.00	16.35 0.32 0.00	15.62 0.36 0.00	15.16 0.40 0.00	12.37 0.37 -0.01	15.04 0.46 0.00	12.22 0.33 -1.78	15.10 0.42 0.00	16.59 0.41 0.00	12.97 0.31 0.00	14.41 0.33 0.00	11.08 0.32 0.00	15.63 0.39 0.00	15.89 0.43 0.00	14.94 0.45 0.00	10.88 0.27 -2.55	13.50 0.38 0.00	15.88 0.40 0.00	17.78 0.44 0.00	20.59 0.47 0.00	22.31 0.50 0.00	16.21 0.45 0.00	14.92 0.41 0.00	18.70 0.28 0.00
REPUBLIC_115KV_BARTNBRK 55605	18.22 1.11 0.00	17.15 1.11 0.00	16.53 1.27 0.00	16.09 1.33 0.00	13.11 1.11 -0.01	15.76 1.18 0.00	12.90 0.97 -1.82	16.11 1.42 0.00	17.58 1.40 0.00	13.63 0.97 0.00	14.96 0.89 0.00	11.58 0.82 0.00	16.39 1.16 0.00	16.70 1.25 0.00	15.55 1.05 0.00	11.32 0.65 -2.60	14.40 1.28 0.00	17.07 1.59 0.00	19.16 1.82 0.00	22.12 2.01 0.00	23.59 1.78 0.00	17.24 1.48 0.00	15.82 1.31 0.00	19.44 1.03 0.00
REVERE_CPPR_DRP 24186	17.36 0.25 0.00	16.27 0.23 0.00	15.45 0.19 0.00	14.96 0.20 0.00	12.17 0.18 0.00	14.83 0.25 0.00	10.35 0.21 -0.03	14.99 0.30 0.00	16.53 0.35 0.00	12.92 0.26 0.00	14.35 0.28 0.00	10.97 0.20 0.00	15.50 0.26 0.00	15.69 0.23 0.00	14.73 0.24 0.00	8.23 0.13 -0.05	12.79 0.21 0.55	15.45 0.28 0.32	17.51 0.32 0.16	20.53 0.41 0.00	22.27 0.46 0.00	15.57 0.37 0.55	14.26 0.29 0.54	18.72 0.31 0.00
REYNOLDS_115KV_TB3 80639	17.49 0.38 0.00	16.46 0.42 0.00	15.73 0.47 0.00	15.24 0.48 0.00	12.45 0.45 -0.01	15.13 0.55 0.00	12.29 0.39 -1.78	15.21 0.52 0.00	16.71 0.53 0.00	13.07 0.41 0.00	14.51 0.44 0.00	11.15 0.39 0.00	15.73 0.49 0.00	16.00 0.54 0.00	15.03 0.54 0.00	10.93 0.32 -2.56	13.59 0.47 0.00	16.00 0.52 0.00	17.92 0.58 0.00	20.74 0.62 0.00	22.48 0.67 0.00	16.34 0.58 0.00	15.04 0.53 0.00	18.83 0.41 0.00
RIVERBAY____ 323610	18.22 1.10 0.00	17.08 1.04 0.00	16.28 1.02 0.00	15.77 1.02 0.00	12.86 0.86 -0.01	15.68 1.09 0.00	12.38 0.82 -1.45	15.86 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.31 1.15 -1.08	15.38 0.91 -3.70	16.77 1.22 -0.31	23.20 1.30 -6.45	18.18 1.20 -2.48	16.76 0.68 -8.03	17.04 1.05 -2.87	17.04 1.22 -0.34	18.72 1.38 0.00	21.62 1.50 0.00	23.46 1.64 0.00	17.11 1.34 -0.02	15.74 1.23 0.00	19.54 1.13 0.00
RIVERSDE_115KV_TB3 55908	17.38 0.27 0.00	16.37 0.34 0.00	15.67 0.41 0.00	15.17 0.41 0.00	12.39 0.39 -0.01	15.06 0.47 0.00	12.23 0.34 -1.78	15.12 0.43 0.00	16.61 0.43 0.00	12.99 0.33 0.00	14.42 0.35 0.00	11.10 0.33 0.00	15.65 0.41 0.00	15.91 0.45 0.00	14.96 0.47 0.00	10.89 0.28 -2.56	13.52 0.39 0.00	15.90 0.42 0.00	17.81 0.47 0.00	20.61 0.49 0.00	22.34 0.53 0.00	16.24 0.48 0.00	14.94 0.43 0.00	18.71 0.30 0.00
ROARING___BROOK_WT_PWR 323790	16.76 -0.36 0.00	15.68 -0.36 0.00	14.85 -0.41 0.00	14.36 -0.40 0.00	11.63 -0.36 0.00	14.08 -0.50 0.00	9.79 -0.32 0.00	14.22 -0.46 0.00	15.69 -0.49 0.00	12.34 -0.32 0.00	13.70 -0.37 0.00	10.45 -0.32 0.00	14.79 -0.44 0.00	14.97 -0.48 0.00	14.02 -0.47 0.00	7.78 -0.27 0.00	-18.39 -0.41 31.11	-3.06 -0.50 18.04	7.72 -0.55 9.07	19.54 -0.58 0.00	21.16 -0.65 0.00	-16.36 -0.56 31.56	-16.40 -0.53 30.38	17.81 -0.60 0.00
ROCHESRG_115KV_T4 355643	16.24 -0.87 0.00	15.31 -0.73 0.00	14.50 -0.76 0.00	14.05 -0.71 0.00	11.43 -0.55 0.00	13.98 -0.60 0.00	9.80 -0.41 -0.10	14.03 -0.66 0.00	15.49 -0.68 0.00	12.06 -0.60 0.00	13.36 -0.71 0.00	10.15 -0.61 0.00	14.29 -0.95 0.00	14.40 -1.06 0.00	13.49 -1.00 0.00	7.62 -0.59 -0.14	12.01 -1.08 0.04	14.27 -1.20 0.00	16.08 -1.26 0.00	18.81 -1.31 0.00	20.56 -1.25 0.00	15.12 -0.64 0.00	13.92 -0.59 0.00	17.82 -0.60 0.00
ROCHESTER_9_IC 23652	16.32 -0.80 0.00	15.38 -0.66 0.00	14.56 -0.70 0.00	14.11 -0.65 0.00	11.48 -0.51 0.00	14.04 -0.54 0.00	9.84 -0.36 -0.10	14.10 -0.59 0.00	15.58 -0.60 0.00	12.12 -0.53 0.00	13.44 -0.64 0.00	10.21 -0.56 0.00	14.37 -0.87 0.00	14.48 -0.98 0.00	13.56 -0.93 0.00	7.65 -0.55 -0.14	12.10 -1.02 0.00	14.34 -1.14 0.00	16.16 -1.18 0.00	18.92 -1.20 0.00	20.68 -1.13 0.00	15.21 -0.55 0.00	13.99 -0.52 0.00	17.90 -0.51 0.00

ROCKVIEW_13_KV_LD 356306	18.15 1.04 0.00	17.04 1.00 0.00	16.25 0.99 0.00	15.73 0.97 0.00	12.84 0.84 -0.01	15.63 1.05 0.00	12.34 0.77 -1.45	15.80 1.11 0.00	17.38 1.21 0.00	13.61 0.95 0.00	15.18 1.11 0.00	11.66 0.90 0.00	16.45 1.21 0.00	16.72 1.26 0.00	15.70 1.21 0.00	10.82 0.68 -2.08	14.14 1.02 0.00	16.66 1.18 0.00	18.64 1.30 0.00	21.53 1.41 0.00	23.33 1.52 0.00	17.04 1.28 0.00	15.68 1.17 0.00	19.50 1.09 0.00
ROME____115KV_TB2 80656	17.36 0.25 0.00	16.27 0.23 0.00	15.45 0.19 0.00	14.96 0.20 0.00	12.17 0.18 0.00	14.83 0.25 0.00	10.35 0.21 -0.03	14.99 0.30 0.00	16.53 0.35 0.00	12.92 0.26 0.00	14.35 0.28 0.00	10.97 0.20 0.00	15.50 0.26 0.00	15.69 0.23 0.00	14.73 0.24 0.00	8.23 0.13 -0.05	12.79 0.21 0.55	15.45 0.28 0.32	17.51 0.32 0.16	20.53 0.41 0.00	22.27 0.46 0.00	15.57 0.37 0.55	14.26 0.29 0.54	18.72 0.31 0.00
ROSETON___1 23587	17.88 0.77 0.00	16.78 0.75 0.00	16.01 0.74 0.00	15.51 0.76 0.00	12.65 0.66 -0.01	15.41 0.83 0.00	12.16 0.61 -1.44	15.56 0.87 0.00	17.11 0.93 0.00	13.39 0.73 0.00	14.92 0.85 0.00	11.46 0.69 0.00	16.16 0.92 0.00	16.44 0.98 0.00	15.44 0.95 0.00	10.65 0.53 -2.06	13.91 0.78 0.00	16.39 0.91 0.00	18.35 1.01 0.00	21.19 1.07 0.00	22.96 1.15 0.00	16.75 1.00 0.00	15.43 0.91 0.00	19.23 0.81 0.00
ROSETON___2 23588	17.88 0.77 0.00	16.78 0.75 0.00	16.01 0.74 0.00	15.51 0.76 0.00	12.65 0.66 -0.01	15.41 0.83 0.00	12.16 0.61 -1.44	15.56 0.87 0.00	17.11 0.93 0.00	13.39 0.73 0.00	14.92 0.85 0.00	11.46 0.69 0.00	16.16 0.92 0.00	16.44 0.98 0.00	15.44 0.95 0.00	10.65 0.53 -2.06	13.91 0.78 0.00	16.39 0.91 0.00	18.35 1.01 0.00	21.19 1.07 0.00	22.96 1.15 0.00	16.75 1.00 0.00	15.43 0.91 0.00	19.23 0.81 0.00
ROTTDAM_115KV_TB3 80664	17.58 0.46 0.00	16.49 0.45 0.00	15.72 0.46 0.00	15.23 0.48 0.00	12.43 0.43 -0.01	15.11 0.53 0.00	12.31 0.37 -1.83	15.22 0.53 0.00	16.74 0.56 0.00	13.10 0.44 0.00	14.57 0.49 0.00	11.16 0.39 0.00	15.75 0.51 0.00	16.01 0.56 0.00	15.04 0.54 0.00	10.99 0.31 -2.62	13.60 0.47 0.00	16.03 0.55 0.00	17.97 0.63 0.00	20.81 0.69 0.00	22.55 0.74 0.00	16.37 0.62 0.00	15.07 0.56 0.00	18.93 0.52 0.00
RUSSELL___1 23602	16.38 -0.74 0.00	15.43 -0.61 0.00	14.61 -0.65 0.00	14.16 -0.60 0.00	11.53 -0.46 0.00	14.08 -0.50 0.00	9.88 -0.33 -0.10	14.15 -0.54 0.00	15.64 -0.54 0.00	12.18 -0.48 0.00	13.50 -0.57 0.00	10.26 -0.51 0.00	14.44 -0.80 0.00	14.55 -0.91 0.00	13.62 -0.87 0.00	7.68 -0.52 -0.14	12.15 -0.97 0.00	14.40 -1.08 0.00	16.24 -1.11 0.00	19.01 -1.11 0.00	20.78 -1.04 0.00	15.28 -0.48 0.00	14.05 -0.46 0.00	17.98 -0.43 0.00
RUSSELL___2 23532	16.38 -0.74 0.00	15.43 -0.61 0.00	14.61 -0.65 0.00	14.16 -0.60 0.00	11.53 -0.46 0.00	14.08 -0.50 0.00	9.88 -0.33 -0.10	14.15 -0.54 0.00	15.64 -0.54 0.00	12.18 -0.48 0.00	13.50 -0.57 0.00	10.26 -0.51 0.00	14.44 -0.80 0.00	14.55 -0.91 0.00	13.62 -0.87 0.00	7.68 -0.52 -0.14	12.15 -0.97 0.00	14.40 -1.08 0.00	16.24 -1.11 0.00	19.01 -1.11 0.00	20.78 -1.04 0.00	15.28 -0.48 0.00	14.05 -0.46 0.00	17.98 -0.43 0.00
RUSSELL___3 23549	16.38 -0.74 0.00	15.43 -0.61 0.00	14.61 -0.65 0.00	14.16 -0.60 0.00	11.53 -0.46 0.00	14.08 -0.50 0.00	9.88 -0.33 -0.10	14.15 -0.54 0.00	15.64 -0.54 0.00	12.18 -0.48 0.00	13.50 -0.57 0.00	10.26 -0.51 0.00	14.44 -0.80 0.00	14.55 -0.91 0.00	13.62 -0.87 0.00	7.68 -0.52 -0.14	12.15 -0.97 0.00	14.40 -1.08 0.00	16.24 -1.11 0.00	19.01 -1.11 0.00	20.78 -1.04 0.00	15.28 -0.48 0.00	14.05 -0.46 0.00	17.98 -0.43 0.00
RUSSELL___4 23556	16.38 -0.74 0.00	15.43 -0.61 0.00	14.61 -0.65 0.00	14.16 -0.60 0.00	11.53 -0.46 0.00	14.08 -0.50 0.00	9.88 -0.33 -0.10	14.15 -0.54 0.00	15.64 -0.54 0.00	12.18 -0.48 0.00	13.50 -0.57 0.00	10.26 -0.51 0.00	14.44 -0.80 0.00	14.55 -0.91 0.00	13.62 -0.87 0.00	7.68 -0.52 -0.14	12.15 -0.97 0.00	14.40 -1.08 0.00	16.24 -1.11 0.00	19.01 -1.11 0.00	20.78 -1.04 0.00	15.28 -0.48 0.00	14.05 -0.46 0.00	17.98 -0.43 0.00
RUSSELL___STATION 23914	16.38 -0.74 0.00	15.43 -0.61 0.00	14.61 -0.65 0.00	14.16 -0.60 0.00	11.53 -0.46 0.00	14.08 -0.50 0.00	9.88 -0.33 -0.10	14.15 -0.54 0.00	15.64 -0.54 0.00	12.18 -0.48 0.00	13.50 -0.57 0.00	10.26 -0.51 0.00	14.44 -0.80 0.00	14.55 -0.91 0.00	13.62 -0.87 0.00	7.68 -0.52 -0.14	12.15 -0.97 0.00	14.40 -1.08 0.00	16.24 -1.11 0.00	19.01 -1.11 0.00	20.78 -1.04 0.00	15.28 -0.48 0.00	14.05 -0.46 0.00	17.98 -0.43 0.00
S SALMON___HYD 24043	16.49 -0.63 0.00	15.46 -0.57 0.00	14.70 -0.56 0.00	14.21 -0.55 0.00	11.56 -0.43 0.00	14.07 -0.51 0.00	9.83 -0.34 -0.06	14.17 -0.51 0.00	15.62 -0.56 0.00	12.22 -0.44 0.00	13.58 -0.49 0.00	10.37 -0.40 0.00	14.63 -0.61 0.00	14.77 -0.68 0.00	13.86 -0.63 0.00	7.77 -0.37 -0.08	11.12 -0.64 1.36	13.96 -0.73 0.79	16.14 -0.80 0.40	19.23 -0.88 0.00	20.92 -0.89 0.00	13.83 -0.55 1.38	12.65 -0.53 1.33	17.77 -0.64 0.00
S.PERRY__115KV_TB1 80734	16.42 -0.70 0.00	15.49 -0.55 0.00	14.69 -0.57 0.00	14.24 -0.52 0.00	11.60 -0.39 0.00	14.22 -0.37 0.00	10.03 -0.22 -0.14	14.32 -0.36 0.00	15.84 -0.34 0.00	12.29 -0.37 0.00	13.60 -0.48 0.00	10.35 -0.42 0.00	14.56 -0.68 0.00	14.68 -0.78 0.00	13.71 -0.78 0.00	7.73 -0.52 -0.20	13.13 -1.04 -1.04	14.33 -1.15 0.00	16.15 -1.19 0.00	19.10 -1.02 0.00	21.03 -0.78 0.00	15.52 -0.24 0.00	14.28 -0.23 0.00	18.27 -0.15 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	15.80 -1.32 0.00	14.93 -1.11 0.00	14.10 -1.16 0.00	13.68 -1.07 0.00	11.14 -0.85 0.00	13.64 -0.94 0.00	9.59 -0.64 -0.13	13.63 -1.06 0.00	15.06 -1.12 0.00	11.67 -0.99 0.00	12.89 -1.18 0.00	9.75 -1.02 0.00	13.71 -1.53 0.00	13.77 -1.68 0.00	12.89 -1.60 0.00	7.31 -0.93 -0.18	11.16 -1.67 0.30	13.61 -1.87 0.00	15.36 -1.98 0.00	18.03 -2.09 0.00	19.79 -2.02 0.00	14.72 -1.03 0.00	13.58 -0.93 0.00	17.51 -0.90 0.00
SAWYER___23_KV_LOAD 55526	15.80 -1.32 0.00	14.93 -1.11 0.00	14.10 -1.16 0.00	13.68 -1.07 0.00	11.14 -0.85 0.00	13.64 -0.94 0.00	9.59 -0.64 -0.13	13.63 -1.06 0.00	15.06 -1.12 0.00	11.67 -0.99 0.00	12.89 -1.18 0.00	9.75 -1.02 0.00	13.71 -1.53 0.00	13.77 -1.68 0.00	12.89 -1.60 0.00	7.31 -0.93 -0.18	11.16 -1.67 0.30	13.61 -1.87 0.00	15.36 -1.98 0.00	18.03 -2.09 0.00	19.79 -2.02 0.00	14.72 -1.03 0.00	13.58 -0.93 0.00	17.51 -0.90 0.00
SELKIRK___I 23801	17.52 0.40 0.00	16.48 0.44 0.00	15.73 0.47 0.00	15.27 0.51 0.00	12.45 0.45 -0.01	15.14 0.55 0.00	12.26 0.39 -1.76	15.19 0.51 0.00	16.66 0.48 0.00	13.04 0.38 0.00	14.48 0.40 0.00	11.12 0.35 0.00	15.68 0.44 0.00	15.94 0.49 0.00	15.00 0.50 0.00	10.87 0.30 -2.52	13.56 0.44 0.00	15.98 0.50 0.00	17.90 0.56 0.00	20.75 0.63 0.00	22.48 0.67 0.00	16.33 0.57 0.00	15.03 0.52 0.00	18.87 0.46 0.00

SELKIRK___II 23799	17.44 0.33 0.00	16.41 0.37 0.00	15.66 0.40 0.00	15.20 0.44 0.00	12.39 0.40 -0.01	15.07 0.48 0.00	12.24 0.35 -1.78	15.15 0.46 0.00	16.64 0.46 0.00	13.02 0.36 0.00	14.47 0.40 0.00	11.12 0.35 0.00	15.68 0.45 0.00	15.94 0.49 0.00	14.99 0.50 0.00	10.89 0.29 -2.55	13.53 0.41 0.00	15.93 0.45 0.00	17.85 0.51 0.00	20.66 0.54 0.00	22.39 0.58 0.00	16.27 0.51 0.00	14.97 0.46 0.00	18.78 0.37 0.00
SENECA OSWGO___HYD 24041	16.60 -0.52 0.00	15.58 -0.46 0.00	14.83 -0.44 0.00	14.34 -0.42 0.00	11.68 -0.31 0.00	14.23 -0.35 0.00	9.93 -0.25 -0.07	14.33 -0.36 0.00	15.81 -0.37 0.00	12.36 -0.30 0.00	13.72 -0.36 0.00	10.48 -0.29 0.00	14.78 -0.46 0.00	14.95 -0.51 0.00	14.02 -0.48 0.00	7.88 -0.27 -0.10	12.63 -0.50 0.00	14.91 -0.57 0.00	16.69 -0.65 0.00	19.39 -0.73 0.00	21.07 -0.75 0.00	15.33 -0.43 0.00	14.11 -0.40 0.00	17.95 -0.46 0.00
SENECA___115KV_TB3 355854	15.94 -1.18 0.00	15.06 -0.97 0.00	14.24 -1.03 0.00	13.81 -0.95 0.00	11.24 -0.75 0.00	13.78 -0.81 0.00	9.69 -0.55 -0.13	13.79 -0.90 0.00	15.23 -0.95 0.00	11.82 -0.85 0.00	13.05 -1.02 0.00	9.88 -0.89 0.00	13.90 -1.34 0.00	13.99 -1.47 0.00	13.09 -1.41 0.00	7.41 -0.83 -0.19	11.30 -1.51 0.31	13.79 -1.69 0.00	15.56 -1.79 0.00	18.25 -1.87 0.00	20.03 -1.78 0.00	14.91 -0.84 0.00	13.75 -0.77 0.00	17.71 -0.70 0.00
SENECA___ENERGY 23797	16.55 -0.56 0.00	15.56 -0.47 0.00	14.82 -0.45 0.00	14.34 -0.42 0.00	11.69 -0.30 0.00	14.25 -0.33 0.00	9.98 -0.23 -0.10	14.38 -0.31 0.00	15.89 -0.29 0.00	12.38 -0.28 0.00	13.75 -0.33 0.00	10.46 -0.31 0.00	14.78 -0.46 0.00	14.93 -0.52 0.00	14.01 -0.49 0.00	7.91 -0.30 -0.15	12.63 -0.56 -0.07	14.82 -0.66 0.00	16.63 -0.71 0.00	19.38 -0.74 0.00	21.06 -0.75 0.00	15.38 -0.38 0.00	14.17 -0.35 0.00	18.03 -0.39 0.00
SHOEMAKER___GT 23640	17.74 0.62 0.00	16.64 0.60 0.00	15.87 0.60 0.00	15.37 0.61 0.00	12.54 0.54 -0.01	15.27 0.68 0.00	11.88 0.52 -1.26	15.41 0.72 0.00	16.95 0.77 0.00	13.26 0.60 0.00	14.77 0.70 0.00	11.33 0.57 0.00	15.99 0.76 0.00	16.26 0.81 0.00	15.27 0.78 0.00	10.30 0.45 -1.80	13.76 0.63 0.00	16.23 0.75 0.00	18.18 0.84 0.00	21.01 0.88 0.00	22.77 0.96 0.00	16.60 0.85 0.00	15.28 0.77 0.00	19.10 0.69 0.00
SHOEMAKR_138KV_BK 111 55601	17.74 0.62 0.00	16.64 0.60 0.00	15.87 0.60 0.00	15.37 0.61 0.00	12.54 0.54 -0.01	15.27 0.68 0.00	11.87 0.51 -1.24	15.41 0.72 0.00	16.95 0.77 0.00	13.27 0.61 0.00	14.77 0.70 0.00	11.34 0.57 0.00	16.01 0.77 0.00	16.27 0.82 0.00	15.28 0.78 0.00	10.29 0.45 -1.78	13.76 0.64 0.00	16.23 0.75 0.00	18.17 0.83 0.00	21.00 0.88 0.00	22.77 0.96 0.00	16.60 0.84 0.00	15.28 0.77 0.00	19.10 0.69 0.00
SHOREHAM_IC_1 23715	18.38 1.26 0.00	17.22 1.19 0.00	16.45 1.19 0.00	15.92 1.17 0.00	13.01 1.01 -0.01	15.79 1.21 0.00	12.42 0.86 -1.45	16.28 1.59 0.00	17.80 1.62 0.00	13.93 1.27 0.00	15.64 1.57 0.00	12.25 1.22 -0.26	16.81 1.57 0.00	16.96 1.43 -0.07	16.52 1.46 -0.57	10.95 0.81 -2.08	14.29 1.17 0.00	16.62 1.15 0.00	18.53 1.19 0.00	21.34 1.22 0.00	23.42 1.61 0.00	17.22 1.46 0.00	16.00 1.49 0.00	19.84 1.43 0.00
SHOREHAM_IC_2 23716	18.38 1.26 0.00	17.22 1.19 0.00	16.45 1.19 0.00	15.92 1.17 0.00	13.01 1.01 -0.01	15.79 1.21 0.00	12.42 0.86 -1.45	16.28 1.59 0.00	17.80 1.62 0.00	13.93 1.27 0.00	15.64 1.57 0.00	12.25 1.22 -0.26	16.81 1.57 0.00	16.96 1.43 -0.07	16.52 1.46 -0.57	10.95 0.81 -2.08	14.29 1.17 0.00	16.62 1.15 0.00	18.53 1.19 0.00	21.34 1.22 0.00	23.42 1.61 0.00	17.22 1.46 0.00	16.00 1.49 0.00	19.84 1.43 0.00
SISSONVILLE____ 23735	16.94 -0.18 0.00	15.84 -0.20 0.00	15.03 -0.23 0.00	14.50 -0.26 0.00	11.69 -0.30 0.00	14.08 -0.50 0.00	9.72 -0.39 0.00	14.00 -0.69 0.00	19.97 -0.77 -4.56	15.45 -0.57 -3.36	13.51 -0.56 0.00	10.35 -0.42 0.00	18.86 -0.45 -4.07	19.93 -0.45 -4.93	18.90 -0.43 -4.84	11.73 -0.32 -4.00	0.30 -0.47 12.36	10.06 -0.51 4.91	17.04 -0.54 -0.24	25.15 -0.54 -5.58	26.99 -0.61 -5.79	2.15 -0.63 12.98	0.22 -0.53 13.76	22.85 -0.42 -4.86
SITHE_IND_GS1 24169	16.53 -0.59 0.00	15.51 -0.52 0.00	14.76 -0.50 0.00	14.28 -0.48 0.00	11.62 -0.37 0.00	14.15 -0.44 0.00	9.85 -0.32 -0.06	14.23 -0.46 0.00	15.70 -0.48 0.00	12.26 -0.40 0.00	13.62 -0.46 0.00	10.39 -0.37 0.00	14.66 -0.58 0.00	14.83 -0.62 0.00	13.91 -0.59 0.00	7.81 -0.33 -0.08	12.54 -0.58 0.00	14.80 -0.68 0.00	16.56 -0.78 0.00	19.24 -0.87 0.00	20.89 -0.92 0.00	15.19 -0.57 0.00	13.99 -0.52 0.00	17.83 -0.59 0.00
SITHE_IND_GS2 24170	16.53 -0.59 0.00	15.51 -0.52 0.00	14.76 -0.50 0.00	14.28 -0.48 0.00	11.62 -0.37 0.00	14.15 -0.44 0.00	9.85 -0.32 -0.06	14.23 -0.46 0.00	15.70 -0.48 0.00	12.26 -0.40 0.00	13.62 -0.46 0.00	10.39 -0.37 0.00	14.66 -0.58 0.00	14.83 -0.62 0.00	13.91 -0.59 0.00	7.81 -0.33 -0.08	12.54 -0.58 0.00	14.80 -0.68 0.00	16.56 -0.78 0.00	19.24 -0.87 0.00	20.89 -0.92 0.00	15.19 -0.57 0.00	13.99 -0.52 0.00	17.83 -0.59 0.00
SITHE_IND_GS3 24171	16.53 -0.59 0.00	15.51 -0.52 0.00	14.76 -0.50 0.00	14.28 -0.48 0.00	11.62 -0.37 0.00	14.15 -0.44 0.00	9.85 -0.32 -0.06	14.23 -0.46 0.00	15.70 -0.48 0.00	12.26 -0.40 0.00	13.62 -0.46 0.00	10.39 -0.37 0.00	14.66 -0.58 0.00	14.83 -0.62 0.00	13.91 -0.59 0.00	7.81 -0.33 -0.08	12.54 -0.58 0.00	14.80 -0.68 0.00	16.56 -0.78 0.00	19.24 -0.87 0.00	20.89 -0.92 0.00	15.19 -0.57 0.00	13.99 -0.52 0.00	17.83 -0.59 0.00
SITHE_IND_GS4 24172	16.53 -0.59 0.00	15.51 -0.52 0.00	14.76 -0.50 0.00	14.28 -0.48 0.00	11.62 -0.37 0.00	14.15 -0.44 0.00	9.85 -0.32 -0.06	14.23 -0.46 0.00	15.70 -0.48 0.00	12.26 -0.40 0.00	13.62 -0.46 0.00	10.39 -0.37 0.00	14.66 -0.58 0.00	14.83 -0.62 0.00	13.91 -0.59 0.00	7.81 -0.33 -0.08	12.54 -0.58 0.00	14.80 -0.68 0.00	16.56 -0.78 0.00	19.24 -0.87 0.00	20.89 -0.92 0.00	15.19 -0.57 0.00	13.99 -0.52 0.00	17.83 -0.59 0.00
SITHE___BATAVIA 24024	16.23 -0.89 0.00	15.34 -0.70 0.00	14.53 -0.73 0.00	14.03 -0.73 0.00	11.46 -0.53 0.00	14.00 -0.58 0.00	9.85 -0.37 -0.11	14.03 -0.66 0.00	15.52 -0.66 0.00	12.07 -0.59 0.00	13.43 -0.64 0.00	10.15 -0.61 0.00	14.25 -0.99 0.00	14.27 -1.18 0.00	13.36 -1.14 0.00	7.53 -0.68 -0.16	11.69 -1.27 0.16	14.05 -1.43 0.00	15.88 -1.47 0.00	18.73 -1.39 0.00	20.56 -1.25 0.00	15.22 -0.54 0.00	13.99 -0.52 0.00	17.99 -0.43 0.00
SITHE___INDEPEND 23800	16.53 -0.59 0.00	15.51 -0.52 0.00	14.75 -0.51 0.00	14.28 -0.48 0.00	11.62 -0.37 0.00	14.14 -0.44 0.00	9.85 -0.32 -0.06	14.23 -0.46 0.00	15.70 -0.48 0.00	12.26 -0.40 0.00	13.62 -0.46 0.00	10.39 -0.37 0.00	14.65 -0.58 0.00	14.83 -0.62 0.00	13.91 -0.59 0.00	7.81 -0.33 -0.08	12.54 -0.58 0.00	14.79 -0.69 0.00	16.56 -0.78 0.00	19.24 -0.87 0.00	20.89 -0.92 0.00	15.19 -0.57 0.00	13.99 -0.52 0.00	17.83 -0.59 0.00

SITHE___MASSENA 23902	17.19 0.08 0.00	16.08 0.04 0.00	15.26 0.00 0.00	14.72 -0.04 0.00	11.89 -0.10 0.00	14.41 -0.18 0.00	9.97 -0.14 0.00	14.45 -0.24 0.00	16.75 -0.27 -0.84	13.10 -0.18 -0.62	13.88 -0.19 0.00	10.60 -0.17 0.00	15.83 -0.16 -0.75	16.22 -0.14 -0.91	15.24 -0.14 -0.89	8.70 -0.10 -0.74	-4.15 -0.07 17.20	5.86 -0.06 9.56	12.99 -0.04 4.31	21.16 0.01 -1.03	22.87 -0.01 -1.07	-2.00 -0.23 17.53	-2.79 -0.19 17.11	19.24 -0.07 -0.89
SITHE___OGDNSBRG 24021	17.33 0.21 0.00	16.20 0.16 0.00	15.37 0.11 0.00	14.81 0.06 0.00	11.95 -0.04 0.00	14.47 -0.12 0.00	10.01 -0.10 0.00	14.49 -0.20 0.00	19.07 -0.22 -3.12	14.78 -0.17 -2.29	13.90 -0.17 0.00	10.61 -0.15 0.00	17.92 -0.11 -2.78	18.71 -0.11 -3.37	17.69 -0.12 -3.31	10.69 -0.10 -2.73	-1.17 -0.05 14.24	8.77 0.01 6.72	15.86 0.05 1.53	24.10 0.17 -3.81	25.93 0.16 -3.96	0.87 -0.14 14.75	-0.66 -0.11 15.06	21.81 0.07 -3.32
SITHE___STERLING 23777	17.28 0.16 0.00	16.20 0.16 0.00	15.41 0.14 0.00	14.91 0.16 0.00	12.13 0.14 0.00	14.79 0.20 0.00	10.30 0.16 -0.04	14.93 0.24 0.00	16.47 0.29 0.00	12.86 0.20 0.00	14.28 0.21 0.00	10.92 0.16 0.00	15.43 0.19 0.00	15.62 0.16 0.00	14.66 0.17 0.00	8.21 0.10 -0.05	13.26 0.14 0.00	15.68 0.20 0.00	17.56 0.22 0.00	20.41 0.29 0.00	22.14 0.33 0.00	16.04 0.29 0.00	14.74 0.23 0.00	18.66 0.24 0.00
SLEIGHT__34_KV_TB1 80719	16.43 -0.69 0.00	15.44 -0.59 0.00	14.66 -0.60 0.00	14.20 -0.56 0.00	11.57 -0.42 0.00	14.13 -0.45 0.00	9.90 -0.31 -0.10	14.23 -0.46 0.00	15.73 -0.45 0.00	12.25 -0.41 0.00	13.61 -0.47 0.00	10.34 -0.42 0.00	14.58 -0.66 0.00	14.70 -0.76 0.00	13.78 -0.72 0.00	7.78 -0.42 -0.14	12.35 -0.77 0.00	14.60 -0.88 0.00	16.42 -0.92 0.00	19.16 -0.96 0.00	20.87 -0.94 0.00	15.28 -0.48 0.00	14.05 -0.46 0.00	17.92 -0.50 0.00
SOUTH CAIRO___GT 23612	17.93 0.81 0.00	16.88 0.84 0.00	16.14 0.87 0.00	15.63 0.87 0.00	12.76 0.77 -0.01	15.53 0.95 0.00	12.46 0.66 -1.68	15.59 0.90 0.00	17.11 0.93 0.00	13.35 0.69 0.00	14.80 0.73 0.00	11.37 0.61 0.00	16.04 0.80 0.00	16.32 0.87 0.00	15.38 0.88 0.00	10.97 0.51 -2.41	13.94 0.82 0.00	16.46 0.98 0.00	18.51 1.17 0.00	21.50 1.38 0.00	23.31 1.49 0.00	16.89 1.13 0.00	15.50 0.99 0.00	19.42 1.01 0.00
SOUTH HAMPTN___IC 23720	18.44 1.32 0.00	17.28 1.24 0.00	16.50 1.23 0.00	15.97 1.21 0.00	13.05 1.05 -0.01	15.84 1.26 0.00	12.46 0.90 -1.45	16.32 1.63 0.00	17.84 1.66 0.00	13.96 1.30 0.00	15.66 1.58 0.00	12.26 1.23 -0.26	16.82 1.59 0.00	16.98 1.46 -0.07	16.55 1.49 -0.57	10.97 0.83 -2.08	14.34 1.22 0.00	16.71 1.23 0.00	18.63 1.29 0.00	21.48 1.36 0.00	23.55 1.73 0.00	17.31 1.55 0.00	16.07 1.56 0.00	19.90 1.49 0.00
SOUTHDOW__115KV_TB1 355954	16.24 -0.88 0.00	15.37 -0.66 0.00	14.63 -0.63 0.00	14.26 -0.50 0.00	11.62 -0.37 0.00	14.26 -0.32 0.00	10.03 -0.22 -0.14	14.27 -0.42 0.00	15.72 -0.46 0.00	12.21 -0.45 0.00	13.51 -0.56 0.00	10.25 -0.51 0.00	14.48 -0.76 0.00	14.60 -0.86 0.00	13.62 -0.88 0.00	7.69 -0.57 -0.20	11.86 -1.09 0.17	14.25 -1.23 0.00	16.02 -1.32 0.00	18.78 -1.34 0.00	20.64 -1.17 0.00	15.43 -0.33 0.00	14.23 -0.29 0.00	18.23 -0.18 0.00
SOUTHOLD_69_KV_BK 2 55809	18.47 1.35 0.00	17.31 1.27 0.00	16.53 1.27 0.00	16.00 1.24 0.00	13.07 1.08 -0.01	15.88 1.29 0.00	12.48 0.92 -1.45	16.35 1.66 0.00	17.87 1.69 0.00	13.98 1.32 0.00	15.67 1.60 0.00	12.26 1.24 -0.26	16.83 1.60 0.00	17.00 1.47 -0.07	16.57 1.51 -0.57	10.99 0.85 -2.08	14.38 1.26 0.00	16.77 1.29 0.00	18.72 1.38 0.00	21.58 1.46 0.00	23.65 1.83 0.00	17.38 1.62 0.00	16.12 1.61 0.00	19.96 1.54 0.00
SOUTHOLD___IC 23719	18.47 1.36 0.00	17.31 1.27 0.00	16.53 1.26 0.00	16.00 1.24 0.00	13.07 1.08 -0.01	15.88 1.29 0.00	12.48 0.92 -1.45	16.35 1.66 0.00	17.87 1.69 0.00	13.98 1.32 0.00	15.68 1.60 0.00	12.26 1.23 -0.26	16.83 1.59 0.00	17.00 1.47 -0.07	16.57 1.50 -0.57	10.99 0.85 -2.08	14.38 1.26 0.00	16.77 1.29 0.00	18.72 1.38 0.00	21.58 1.47 0.00	23.65 1.83 0.00	17.38 1.62 0.00	16.12 1.61 0.00	19.96 1.54 0.00
SOUTH_FORK_WT_PWR 323839	18.33 1.22 0.00	17.18 1.14 0.00	16.40 1.14 0.00	15.88 1.12 0.00	12.97 0.97 -0.01	15.75 1.17 0.00	12.40 0.84 -1.45	16.23 1.54 0.00	17.74 1.56 0.00	13.88 1.22 0.00	15.56 1.49 0.00	12.17 1.15 -0.26	16.70 1.47 0.00	16.87 1.34 -0.07	16.44 1.38 -0.57	10.92 0.78 -2.08	14.27 1.15 0.00	16.64 1.16 0.00	18.58 1.24 0.00	21.42 1.30 0.00	23.47 1.66 0.00	17.25 1.49 0.00	16.00 1.49 0.00	19.80 1.39 0.00
SPIERFLS_115KV_TB 1 80737	17.61 0.49 0.00	16.53 0.49 0.00	15.80 0.54 0.00	15.31 0.55 0.00	12.51 0.51 -0.01	15.17 0.59 0.00	12.41 0.48 -1.82	15.37 0.68 0.00	16.87 0.69 0.00	13.23 0.57 0.00	14.67 0.60 0.00	11.25 0.49 0.00	15.82 0.58 0.00	16.15 0.69 0.00	15.11 0.62 0.00	11.02 0.36 -2.61	13.77 0.64 0.00	16.26 0.78 0.00	18.23 0.89 0.00	21.11 0.99 0.00	22.78 0.97 0.00	16.56 0.80 0.00	15.22 0.71 0.00	18.96 0.55 0.00
ST LAWRENCE___ 23600	17.04 -0.07 0.00	15.93 -0.10 0.00	15.13 -0.13 0.00	14.59 -0.17 0.00	11.79 -0.20 0.00	14.30 -0.29 0.00	9.89 -0.21 0.00	14.35 -0.33 0.00	15.81 -0.37 0.00	12.40 -0.26 0.00	13.79 -0.28 0.00	10.53 -0.24 0.00	14.97 -0.27 0.00	15.20 -0.26 0.00	14.24 -0.26 0.00	7.91 -0.15 0.00	-5.26 -0.15 18.24	4.75 -0.16 10.58	11.87 -0.16 5.32	19.99 -0.13 0.00	21.65 -0.16 0.00	-3.08 -0.34 18.50	-3.60 -0.30 17.81	18.19 -0.22 0.00
STATE_CA_115KV_115_LB 55624	17.45 0.33 0.00	16.43 0.40 0.00	15.71 0.45 0.00	15.22 0.46 0.00	12.42 0.43 -0.01	15.11 0.52 0.00	12.28 0.37 -1.79	15.18 0.49 0.00	16.67 0.49 0.00	13.04 0.38 0.00	14.48 0.41 0.00	11.14 0.38 0.00	15.71 0.47 0.00	15.98 0.52 0.00	15.03 0.53 0.00	10.94 0.31 -2.57	13.57 0.45 0.00	15.97 0.49 0.00	17.89 0.55 0.00	20.71 0.59 0.00	22.44 0.63 0.00	16.31 0.55 0.00	15.00 0.49 0.00	18.80 0.38 0.00
STATE_ST_34_KV_LOAD 55959	16.89 -0.22 0.00	15.86 -0.18 0.00	15.09 -0.17 0.00	14.62 -0.14 0.00	11.92 -0.07 0.00	14.51 -0.07 0.00	10.14 -0.07 -0.10	14.66 -0.03 0.00	16.18 0.00 0.00	12.58 -0.08 0.00	14.02 -0.06 0.00	10.65 -0.11 0.00	15.07 -0.17 0.00	15.24 -0.21 0.00	14.30 -0.19 0.00	8.06 -0.14 -0.15	12.86 -0.27 0.00	15.17 -0.31 0.00	17.02 -0.32 0.00	19.81 -0.31 0.00	21.44 -0.37 0.00	15.63 -0.13 0.00	14.38 -0.14 0.00	18.28 -0.14 0.00
STATION 5_MISC_HYD 23604	16.32 -0.80 0.00	15.39 -0.65 0.00	14.60 -0.66 0.00	14.10 -0.66 0.00	11.50 -0.49 0.00	14.05 -0.54 0.00	9.84 -0.36 -0.10	14.09 -0.59 0.00	15.58 -0.60 0.00	12.13 -0.53 0.00	13.44 -0.63 0.00	10.21 -0.56 0.00	14.38 -0.86 0.00	14.49 -0.97 0.00	13.57 -0.92 0.00	7.66 -0.54 -0.14	12.11 -1.01 0.00	14.35 -1.13 0.00	16.17 -1.17 0.00	18.93 -1.19 0.00	20.68 -1.13 0.00	15.21 -0.55 0.00	13.99 -0.52 0.00	17.91 -0.51 0.00

STA_168_34_KV_BK1_2_REV_LBMP_B 345032	16.69 -0.43 0.00	15.70 -0.34 0.00	14.91 -0.36 0.00	14.44 -0.32 0.00	11.76 -0.23 0.00	14.37 -0.21 0.00	10.07 -0.13 -0.10	14.49 -0.20 0.00	16.02 -0.16 0.00	12.49 -0.17 0.00	13.86 -0.21 0.00	10.54 -0.22 0.00	14.87 -0.37 0.00	14.91 -0.54 0.00	13.92 -0.58 0.00	7.85 -0.35 -0.14	12.45 -0.67 0.00	14.72 -0.76 0.00	16.56 -0.79 0.00	19.34 -0.78 0.00	21.09 -0.72 0.00	15.45 -0.31 0.00	14.21 -0.30 0.00	18.13 -0.28 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	16.26 -0.86 0.00	15.31 -0.72 0.00	14.51 -0.76 0.00	14.06 -0.70 0.00	11.44 -0.55 0.00	13.98 -0.60 0.00	9.80 -0.41 -0.10	14.04 -0.64 0.00	15.52 -0.66 0.00	12.09 -0.57 0.00	13.40 -0.68 0.00	10.18 -0.58 0.00	14.34 -0.90 0.00	14.45 -1.00 0.00	13.54 -0.96 0.00	7.64 -0.56 -0.14	12.08 -1.04 0.00	14.32 -1.16 0.00	16.13 -1.21 0.00	18.87 -1.25 0.00	20.61 -1.20 0.00	15.14 -0.62 0.00	13.93 -0.58 0.00	17.82 -0.59 0.00
STA_56____34_KV_BUS2 355983	16.26 -0.86 0.00	15.31 -0.72 0.00	14.51 -0.76 0.00	14.06 -0.70 0.00	11.44 -0.55 0.00	13.98 -0.60 0.00	9.80 -0.41 -0.10	14.04 -0.64 0.00	15.52 -0.66 0.00	12.09 -0.57 0.00	13.40 -0.68 0.00	10.18 -0.58 0.00	14.34 -0.90 0.00	14.45 -1.00 0.00	13.54 -0.96 0.00	7.64 -0.56 -0.14	12.08 -1.04 0.00	14.32 -1.16 0.00	16.13 -1.21 0.00	18.87 -1.25 0.00	20.61 -1.20 0.00	15.14 -0.62 0.00	13.93 -0.58 0.00	17.82 -0.59 0.00
STA_67____115KV_BK2 355882	16.29 -0.82 0.00	15.35 -0.69 0.00	14.53 -0.73 0.00	14.09 -0.67 0.00	11.47 -0.52 0.00	14.01 -0.57 0.00	9.83 -0.38 -0.10	14.07 -0.62 0.00	15.54 -0.63 0.00	12.10 -0.56 0.00	13.41 -0.66 0.00	10.19 -0.58 0.00	14.34 -0.90 0.00	14.45 -1.01 0.00	13.54 -0.96 0.00	7.64 -0.56 -0.14	12.08 -1.05 0.00	14.31 -1.17 0.00	16.13 -1.21 0.00	18.88 -1.24 0.00	20.63 -1.18 0.00	15.17 -0.58 0.00	13.97 -0.54 0.00	17.87 -0.54 0.00
STA_7____115KV_9TRANS 80674	16.38 -0.74 0.00	15.43 -0.61 0.00	14.61 -0.65 0.00	14.16 -0.60 0.00	11.53 -0.46 0.00	14.08 -0.50 0.00	9.88 -0.33 -0.10	14.15 -0.54 0.00	15.64 -0.54 0.00	12.18 -0.48 0.00	13.50 -0.57 0.00	10.26 -0.51 0.00	14.44 -0.80 0.00	14.55 -0.91 0.00	13.62 -0.87 0.00	7.68 -0.52 -0.14	12.15 -0.97 0.00	14.40 -1.08 0.00	16.24 -1.11 0.00	19.01 -1.11 0.00	20.78 -1.04 0.00	15.28 -0.48 0.00	14.05 -0.46 0.00	17.98 -0.43 0.00
STA_82____115KV_TB1 80780	16.30 -0.82 0.00	15.35 -0.68 0.00	14.54 -0.72 0.00	14.09 -0.67 0.00	11.47 -0.52 0.00	14.02 -0.57 0.00	9.83 -0.38 -0.10	14.07 -0.61 0.00	15.55 -0.63 0.00	12.10 -0.56 0.00	13.42 -0.66 0.00	10.19 -0.58 0.00	14.34 -0.90 0.00	14.45 -1.00 0.00	13.54 -0.95 0.00	7.64 -0.56 -0.14	12.08 -1.04 0.00	14.32 -1.16 0.00	16.13 -1.21 0.00	18.89 -1.23 0.00	20.64 -1.17 0.00	15.18 -0.57 0.00	13.97 -0.54 0.00	17.89 -0.53 0.00
STEEL____WIND 323596	15.91 -1.20 0.00	15.05 -0.99 0.00	14.27 -0.99 0.00	13.77 -0.98 0.00	11.24 -0.75 0.00	13.76 -0.82 0.00	9.67 -0.57 -0.13	13.76 -0.92 0.00	15.20 -0.97 0.00	11.80 -0.86 0.00	13.04 -1.04 0.00	9.86 -0.91 0.00	13.88 -1.36 0.00	13.97 -1.48 0.00	13.07 -1.42 0.00	7.41 -0.84 -0.19	11.29 -1.52 0.31	13.77 -1.71 0.00	15.53 -1.82 0.00	18.22 -1.89 0.00	19.99 -1.82 0.00	14.88 -0.88 0.00	13.72 -0.79 0.00	17.69 -0.72 0.00
STEPHTWN_115KV_BK_2 55603	17.55 0.43 0.00	16.52 0.48 0.00	15.81 0.55 0.00	15.30 0.54 0.00	12.49 0.49 -0.01	15.20 0.61 0.00	12.35 0.46 -1.78	15.29 0.61 0.00	16.82 0.64 0.00	13.15 0.49 0.00	14.60 0.53 0.00	11.21 0.44 0.00	15.84 0.60 0.00	16.11 0.66 0.00	15.13 0.64 0.00	10.99 0.38 -2.55	13.69 0.56 0.00	16.11 0.63 0.00	18.05 0.71 0.00	20.90 0.78 0.00	22.63 0.82 0.00	16.44 0.68 0.00	15.13 0.61 0.00	18.94 0.53 0.00
STEUBEN_REC_LFGE 323667	15.47 -1.65 0.00	14.62 -1.42 0.00	13.89 -1.37 0.00	13.48 -1.28 0.00	10.97 -1.02 0.00	13.48 -1.11 0.00	9.53 -0.75 -0.17	13.58 -1.11 0.00	15.00 -1.18 0.00	11.68 -0.98 0.00	12.91 -1.17 0.00	9.80 -0.96 0.00	13.89 -1.35 0.00	14.03 -1.42 0.00	13.13 -1.37 0.00	7.48 -0.81 -0.24	12.33 -1.48 -0.68	13.77 -1.72 0.00	15.52 -1.82 0.00	18.17 -1.95 0.00	19.88 -1.93 0.00	14.72 -1.04 0.00	13.59 -0.93 0.00	17.43 -0.98 0.00
STILLWATER____SOLAR 323814	17.72 0.60 0.00	16.63 0.59 0.00	15.88 0.62 0.00	15.39 0.63 0.00	12.58 0.58 -0.01	15.28 0.69 0.00	12.44 0.52 -1.81	15.41 0.72 0.00	16.93 0.75 0.00	13.24 0.58 0.00	14.68 0.61 0.00	11.25 0.48 0.00	15.85 0.61 0.00	16.16 0.70 0.00	15.15 0.66 0.00	11.05 0.40 -2.60	13.76 0.64 0.00	16.25 0.77 0.00	18.22 0.87 0.00	21.10 0.98 0.00	22.83 1.02 0.00	16.59 0.83 0.00	15.27 0.76 0.00	19.08 0.66 0.00
STONY____BROOK 24151	18.41 1.29 0.00	17.25 1.21 0.00	16.45 1.19 0.00	15.92 1.17 0.00	13.01 1.01 -0.01	15.79 1.21 0.00	12.43 0.87 -1.45	16.12 1.43 0.00	17.64 1.46 0.00	13.82 1.16 0.00	15.54 1.46 0.00	12.19 1.16 -0.26	16.72 1.48 0.00	16.96 1.43 -0.07	16.56 1.48 -0.59	10.97 0.83 -2.08	14.30 1.18 0.00	16.70 1.22 0.00	18.58 1.24 0.00	21.41 1.29 0.00	23.38 1.57 0.00	17.18 1.42 0.00	15.95 1.44 0.00	19.75 1.33 0.00
STURGEON_POOL_HYD 23609	18.11 0.99 0.00	16.97 0.94 0.00	16.17 0.91 0.00	15.68 0.92 0.00	12.79 0.79 -0.01	15.58 0.99 0.00	12.30 0.73 -1.46	15.75 1.06 0.00	17.34 1.16 0.00	13.58 0.91 0.00	15.16 1.09 0.00	11.63 0.86 0.00	16.42 1.18 0.00	16.71 1.26 0.00	15.71 1.21 0.00	10.82 0.67 -2.10	14.11 0.98 0.00	16.63 1.15 0.00	18.63 1.29 0.00	21.50 1.38 0.00	23.30 1.49 0.00	17.01 1.25 0.00	15.65 1.14 0.00	19.50 1.09 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	17.82 0.71 0.00	16.72 0.68 0.00	15.95 0.69 0.00	15.45 0.69 0.00	12.60 0.61 -0.01	15.35 0.77 0.00	11.98 0.57 -1.29	15.50 0.81 0.00	17.06 0.88 0.00	13.35 0.69 0.00	14.88 0.80 0.00	11.42 0.66 0.00	16.12 0.88 0.00	16.40 0.94 0.00	15.40 0.90 0.00	10.42 0.51 -1.86	13.85 0.73 0.00	16.33 0.85 0.00	18.28 0.94 0.00	21.11 0.99 0.00	22.89 1.08 0.00	16.70 0.94 0.00	15.37 0.86 0.00	19.19 0.78 0.00
SWANROAD_115KV_TB1 355699	15.50 -1.61 0.00	14.67 -1.36 0.00	13.83 -1.43 0.00	13.43 -1.33 0.00	10.93 -1.06 0.00	13.37 -1.21 0.00	9.42 -0.82 -0.12	13.36 -1.33 0.00	14.75 -1.43 0.00	11.40 -1.26 0.00	12.58 -1.49 0.00	9.51 -1.26 0.00	13.35 -1.89 0.00	13.40 -2.05 0.00	12.54 -1.95 0.00	7.12 -1.11 -0.17	10.94 -1.95 0.24	13.27 -2.21 0.00	14.99 -2.35 0.00	17.61 -2.51 0.00	19.34 -2.47 0.00	14.40 -1.35 0.00	13.28 -1.23 0.00	17.17 -1.24 0.00
SYNERGY____BIOGAS 323694	16.23 -0.89 0.00	15.34 -0.70 0.00	14.53 -0.73 0.00	14.03 -0.73 0.00	11.46 -0.53 0.00	14.00 -0.58 0.00	9.85 -0.37 -0.11	14.03 -0.66 0.00	15.52 -0.66 0.00	12.07 -0.59 0.00	13.43 -0.64 0.00	10.15 -0.61 0.00	14.25 -0.99 0.00	14.27 -1.18 0.00	13.36 -1.14 0.00	7.53 -0.68 -0.16	11.69 -1.27 0.16	14.05 -1.43 0.00	15.88 -1.47 0.00	18.73 -1.39 0.00	20.56 -1.25 0.00	15.22 -0.54 0.00	13.99 -0.52 0.00	17.99 -0.43 0.00

SYRACUSE___ENERGY_ST1 323597	16.84 -0.28 0.00	15.80 -0.24 0.00	15.04 -0.23 0.00	14.56 -0.20 0.00	11.85 -0.14 0.00	14.44 -0.14 0.00	10.08 -0.11 -0.08	14.55 -0.13 0.00	16.06 -0.12 0.00	12.54 -0.12 0.00	13.93 -0.14 0.00	10.63 -0.14 0.00	15.01 -0.23 0.00	15.19 -0.27 0.00	14.24 -0.25 0.00	8.03 -0.14 -0.12	12.83 -0.29 0.00	15.15 -0.33 0.00	16.97 -0.37 0.00	19.72 -0.41 0.00	21.40 -0.41 0.00	15.57 -0.18 0.00	14.33 -0.18 0.00	18.22 -0.19 0.00
SYRACUSE___ENERGY_ST2 323598	16.84 -0.28 0.00	15.80 -0.24 0.00	15.04 -0.23 0.00	14.56 -0.20 0.00	11.85 -0.14 0.00	14.44 -0.14 0.00	10.08 -0.11 -0.08	14.55 -0.13 0.00	16.06 -0.12 0.00	12.54 -0.12 0.00	13.93 -0.14 0.00	10.63 -0.14 0.00	15.01 -0.23 0.00	15.19 -0.27 0.00	14.24 -0.25 0.00	8.03 -0.14 -0.12	12.83 -0.29 0.00	15.15 -0.33 0.00	16.97 -0.37 0.00	19.72 -0.41 0.00	21.40 -0.41 0.00	15.57 -0.18 0.00	14.33 -0.18 0.00	18.22 -0.19 0.00
SYRACUSE___POWER 24017	16.85 -0.27 0.00	15.82 -0.22 0.00	15.05 -0.21 0.00	14.57 -0.19 0.00	11.86 -0.13 0.00	14.45 -0.13 0.00	10.09 -0.09 -0.07	14.57 -0.12 0.00	16.08 -0.10 0.00	12.56 -0.10 0.00	13.94 -0.13 0.00	10.65 -0.12 0.00	15.03 -0.21 0.00	15.20 -0.25 0.00	14.26 -0.24 0.00	8.03 -0.13 -0.11	12.85 -0.27 0.00	15.18 -0.30 0.00	16.99 -0.35 0.00	19.74 -0.38 0.00	21.45 -0.37 0.00	15.61 -0.15 0.00	14.36 -0.15 0.00	18.25 -0.16 0.00
TALLMAN___138KV_BK151 55660	17.92 0.80 0.00	16.80 0.77 0.00	16.04 0.78 0.00	15.53 0.77 0.00	12.67 0.67 -0.01	15.44 0.86 0.00	12.08 0.63 -1.34	15.59 0.91 0.00	17.16 0.98 0.00	13.43 0.77 0.00	14.99 0.92 0.00	11.51 0.75 0.00	16.25 1.02 0.00	16.53 1.07 0.00	15.52 1.03 0.00	10.55 0.57 -1.93	13.94 0.82 0.00	16.43 0.95 0.00	18.39 1.05 0.00	21.22 1.10 0.00	23.00 1.19 0.00	16.81 1.05 0.00	15.47 0.96 0.00	19.30 0.88 0.00
TEALLAVE_115KV_TB7 355573	16.73 -0.39 0.00	15.70 -0.33 0.00	14.94 -0.32 0.00	14.47 -0.29 0.00	11.77 -0.22 0.00	14.35 -0.23 0.00	10.02 -0.16 -0.07	14.46 -0.23 0.00	15.96 -0.22 0.00	12.46 -0.19 0.00	13.84 -0.24 0.00	10.57 -0.20 0.00	14.91 -0.33 0.00	15.08 -0.37 0.00	14.14 -0.35 0.00	7.96 -0.20 -0.10	12.74 -0.39 0.00	15.04 -0.44 0.00	16.84 -0.50 0.00	19.57 -0.55 0.00	21.26 -0.55 0.00	15.48 -0.28 0.00	14.25 -0.27 0.00	18.12 -0.29 0.00
TELGRAPH_34_KV_EAST 80808	15.93 -1.19 0.00	15.06 -0.98 0.00	14.21 -1.05 0.00	13.79 -0.97 0.00	11.23 -0.76 0.00	13.74 -0.84 0.00	9.67 -0.55 -0.12	13.76 -0.93 0.00	15.20 -0.97 0.00	11.79 -0.87 0.00	13.04 -1.04 0.00	9.86 -0.91 0.00	13.82 -1.42 0.00	13.86 -1.59 0.00	12.97 -1.52 0.00	7.33 -0.89 -0.17	11.33 -1.59 0.19	13.69 -1.79 0.00	15.47 -1.87 0.00	18.20 -1.92 0.00	19.98 -1.83 0.00	14.84 -0.92 0.00	13.66 -0.85 0.00	17.61 -0.80 0.00
TEMPLE___115KV_TB 2 55572	16.75 -0.37 0.00	15.72 -0.32 0.00	14.95 -0.31 0.00	14.47 -0.28 0.00	11.78 -0.20 0.00	14.36 -0.22 0.00	10.02 -0.16 -0.07	14.47 -0.22 0.00	15.97 -0.21 0.00	12.47 -0.19 0.00	13.84 -0.23 0.00	10.57 -0.19 0.00	14.92 -0.32 0.00	15.09 -0.37 0.00	14.15 -0.34 0.00	7.97 -0.19 -0.10	12.75 -0.37 0.00	15.05 -0.43 0.00	16.86 -0.49 0.00	19.58 -0.54 0.00	21.27 -0.54 0.00	15.49 -0.27 0.00	14.26 -0.25 0.00	18.13 -0.28 0.00
TIANA___69_KV_BK 1 55817	18.45 1.33 0.00	17.29 1.25 0.00	16.51 1.24 0.00	15.97 1.22 0.00	13.05 1.06 -0.01	15.85 1.27 0.00	12.46 0.90 -1.45	16.31 1.63 0.00	17.83 1.65 0.00	13.96 1.30 0.00	15.66 1.59 0.00	12.27 1.24 -0.26	16.84 1.60 0.00	17.00 1.47 -0.07	16.56 1.50 -0.57	10.98 0.84 -2.08	14.34 1.22 0.00	16.72 1.24 0.00	18.63 1.29 0.00	21.48 1.36 0.00	23.55 1.74 0.00	17.31 1.55 0.00	16.07 1.56 0.00	19.91 1.49 0.00
TILDEN___115KV_TB1 80814	16.85 -0.27 0.00	15.82 -0.22 0.00	15.05 -0.21 0.00	14.57 -0.19 0.00	11.86 -0.13 0.00	14.45 -0.13 0.00	10.09 -0.09 -0.07	14.57 -0.12 0.00	16.08 -0.10 0.00	12.56 -0.10 0.00	13.94 -0.13 0.00	10.65 -0.12 0.00	15.03 -0.21 0.00	15.20 -0.25 0.00	14.26 -0.24 0.00	8.03 -0.13 -0.11	12.85 -0.27 0.00	15.18 -0.30 0.00	16.99 -0.35 0.00	19.74 -0.38 0.00	21.45 -0.37 0.00	15.61 -0.15 0.00	14.36 -0.15 0.00	18.25 -0.16 0.00
TRIGEN___CC 323695	18.17 1.05 0.00	17.04 1.01 0.00	16.25 0.99 0.00	15.73 0.97 0.00	12.85 0.85 -0.01	15.61 1.03 0.00	12.31 0.75 -1.45	15.84 1.15 0.00	17.36 1.18 0.00	13.62 0.96 0.00	15.27 1.20 -0.26	11.99 0.96 0.00	16.48 1.24 0.00	17.25 1.27 -0.53	19.90 1.30 -4.11	10.86 0.72 -2.09	14.15 1.03 0.00	16.58 1.10 0.00	18.51 1.17 0.00	21.36 1.24 0.00	23.22 1.41 0.00	17.00 1.24 0.00	15.73 1.22 0.00	19.49 1.07 0.00
TRINITY___115KV__ 4 BK 55933	17.35 0.23 0.00	16.35 0.31 0.00	15.65 0.38 0.00	15.15 0.39 0.00	12.37 0.37 -0.01	15.03 0.45 0.00	12.21 0.32 -1.78	15.10 0.41 0.00	16.58 0.40 0.00	12.97 0.31 0.00	14.39 0.32 0.00	11.08 0.31 0.00	15.62 0.39 0.00	15.88 0.42 0.00	14.93 0.44 0.00	10.88 0.26 -2.56	13.49 0.37 0.00	15.87 0.39 0.00	17.77 0.43 0.00	20.58 0.46 0.00	22.30 0.48 0.00	16.20 0.44 0.00	14.91 0.40 0.00	18.68 0.26 0.00
UNION___PROCESSING_DRP 323587	16.30 -0.82 0.00	15.36 -0.68 0.00	14.55 -0.72 0.00	14.09 -0.67 0.00	11.47 -0.52 0.00	14.02 -0.56 0.00	9.84 -0.38 -0.10	14.07 -0.61 0.00	15.55 -0.63 0.00	12.11 -0.55 0.00	13.42 -0.65 0.00	10.19 -0.57 0.00	14.34 -0.90 0.00	14.45 -1.00 0.00	13.54 -0.95 0.00	7.64 -0.56 -0.14	12.08 -1.04 0.00	14.32 -1.16 0.00	16.14 -1.20 0.00	18.89 -1.23 0.00	20.65 -1.16 0.00	15.19 -0.57 0.00	13.98 -0.53 0.00	17.89 -0.53 0.00
UPPER HUDSON___HYD 24058	17.61 0.49 0.00	16.53 0.49 0.00	15.80 0.53 0.00	15.31 0.56 0.00	12.51 0.51 -0.01	15.17 0.59 0.00	12.41 0.48 -1.82	15.37 0.68 0.00	16.87 0.69 0.00	13.23 0.57 0.00	14.67 0.59 0.00	11.25 0.49 0.00	15.82 0.58 0.00	16.15 0.69 0.00	15.11 0.61 0.00	11.02 0.36 -2.61	13.77 0.64 0.00	16.26 0.78 0.00	18.23 0.89 0.00	21.11 0.99 0.00	22.78 0.97 0.00	16.56 0.80 0.00	15.22 0.71 0.00	18.96 0.55 0.00
UPPER RAQUET___HYD 24056	16.94 -0.18 0.00	15.84 -0.20 0.00	15.03 -0.23 0.00	14.50 -0.26 0.00	11.69 -0.30 0.00	14.08 -0.50 0.00	9.72 -0.39 0.00	14.00 -0.69 0.00	19.97 -0.77 -4.56	15.45 -0.57 -3.36	13.52 -0.56 0.00	10.35 -0.42 0.00	18.86 -0.45 -4.07	19.93 -0.45 -4.93	18.90 -0.44 -4.84	11.73 -0.33 -4.00	0.29 -0.47 12.36	10.06 -0.52 4.91	17.04 -0.54 -0.24	25.15 -0.55 -5.58	26.99 -0.62 -5.79	2.15 -0.63 12.98	0.22 -0.53 13.76	22.85 -0.42 -4.86
VALLEY44_115KV_TB2 355964	16.39 -0.73 0.00	15.56 -0.48 0.00	14.77 -0.49 0.00	14.34 -0.42 0.00	11.67 -0.31 0.00	14.35 -0.23 0.00	10.09 -0.16 -0.14	14.38 -0.31 0.00	15.86 -0.32 0.00	12.33 -0.33 0.00	13.64 -0.43 0.00	10.37 -0.40 0.00	14.66 -0.58 0.00	14.79 -0.66 0.00	13.85 -0.65 0.00	7.84 -0.43 -0.21	12.15 -0.85 0.13	14.53 -0.95 0.00	16.29 -1.06 0.00	19.01 -1.11 0.00	20.81 -1.00 0.00	15.47 -0.29 0.00	14.25 -0.26 0.00	18.24 -0.17 0.00

VALLEY___115KV_TB 1-4 80826	16.91 -0.20 0.00	15.82 -0.21 0.00	15.08 -0.18 0.00	14.60 -0.15 0.00	11.94 -0.04 0.00	14.56 -0.02 0.00	10.09 -0.02 0.00	14.65 -0.03 0.00	16.09 -0.09 0.00	12.57 -0.09 0.00	13.95 -0.12 0.00	10.70 -0.07 0.00	15.10 -0.13 0.00	15.32 -0.14 0.00	14.39 -0.11 0.00	8.00 -0.05 0.00	13.91 -0.11 -0.90	15.85 -0.15 -0.52	17.45 -0.15 -0.26	19.91 -0.21 0.00	21.59 -0.22 0.00	16.60 -0.06 -0.91	15.31 -0.07 -0.87	18.13 -0.28 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	17.48 0.37 0.00	16.39 0.36 0.00	15.61 0.35 0.00	15.12 0.36 0.00	12.32 0.33 0.00	15.02 0.43 0.00	10.75 0.33 -0.31	15.17 0.48 0.00	16.74 0.56 0.00	13.09 0.43 0.00	14.55 0.48 0.00	11.13 0.36 0.00	15.73 0.49 0.00	15.95 0.50 0.00	14.97 0.47 0.00	8.76 0.26 -0.45	13.49 0.37 0.00	15.93 0.45 0.00	17.83 0.48 0.00	20.69 0.56 0.00	22.46 0.64 0.00	16.33 0.58 0.00	15.01 0.49 0.00	18.97 0.55 0.00
VISCHER___FERRY HYD 24020	17.59 0.48 0.00	16.52 0.49 0.00	15.78 0.51 0.00	15.29 0.53 0.00	12.51 0.52 -0.01	15.20 0.62 0.00	12.35 0.45 -1.79	15.30 0.61 0.00	16.80 0.62 0.00	13.13 0.47 0.00	14.55 0.48 0.00	11.17 0.41 0.00	15.74 0.50 0.00	16.04 0.59 0.00	15.03 0.54 0.00	10.97 0.34 -2.57	13.65 0.53 0.00	16.10 0.62 0.00	18.03 0.69 0.00	20.86 0.74 0.00	22.61 0.80 0.00	16.44 0.68 0.00	15.14 0.63 0.00	18.90 0.49 0.00
V_A_10_SYNC_DSASP 323832	15.87 -1.25 0.00	15.02 -1.02 0.00	14.24 -1.03 0.00	13.74 -1.02 0.00	11.21 -0.77 0.00	13.71 -0.88 0.00	9.62 -0.60 -0.11	13.71 -0.98 0.00	15.14 -1.05 0.00	11.74 -0.91 0.00	13.00 -1.08 0.00	9.85 -0.92 0.00	13.85 -1.39 0.00	13.93 -1.53 0.00	13.05 -1.44 0.00	7.39 -0.83 -0.16	11.47 -1.50 0.15	13.80 -1.68 0.00	15.55 -1.79 0.00	18.22 -1.90 0.00	19.96 -1.86 0.00	14.77 -0.99 0.00	13.61 -0.90 0.00	17.51 -0.90 0.00
V_CMM_10_SYNC_DSASP 323787	17.12 0.00 0.00	16.00 -0.04 0.00	15.20 -0.07 0.00	14.66 -0.10 0.00	11.84 -0.14 0.00	14.37 -0.22 0.00	9.94 -0.17 0.00	14.42 -0.27 0.00	15.89 -0.29 0.00	12.46 -0.20 0.00	13.85 -0.22 0.00	10.57 -0.19 0.00	15.03 -0.21 0.00	15.26 -0.19 0.00	14.31 -0.19 0.00	7.94 -0.11 0.00	-5.20 -0.09 18.24	4.82 -0.08 10.58	11.95 -0.08 5.32	20.09 -0.03 0.00	21.75 -0.06 0.00	-3.01 -0.27 18.50	-3.53 -0.23 17.81	18.27 -0.14 0.00
V_CMP_10_SYNC_DSASP 323788	17.52 0.40 0.00	16.50 0.47 0.00	15.75 0.49 0.00	15.28 0.52 0.00	12.21 0.23 0.00	14.45 -0.13 0.00	9.75 -0.36 0.00	13.81 -0.87 0.00	-17.79 -0.98 32.99	-12.40 -0.77 24.29	13.36 -0.72 0.00	10.30 -0.46 0.00	-14.94 -0.79 29.39	-20.85 -0.73 35.58	-21.10 -0.67 34.93	-21.17 -0.39 28.83	-20.91 -0.53 33.50	-20.86 -0.62 35.72	-20.78 -0.62 37.50	-20.75 -0.66 40.22	-20.72 -0.75 41.78	-15.95 -0.88 30.83	-6.69 -0.69 20.51	-17.46 -0.82 35.05
V_D_10_SYNC_DSASP 323841	17.19 0.08 0.00	16.08 0.04 0.00	15.27 0.00 0.00	14.72 -0.04 0.00	11.89 -0.10 0.00	14.41 -0.17 0.00	9.97 -0.14 0.00	14.45 -0.24 0.00	16.70 -0.26 -0.79	13.06 -0.17 -0.58	13.89 -0.18 0.00	10.60 -0.16 0.00	15.79 -0.15 -0.70	16.16 -0.14 -0.85	15.19 -0.14 -0.84	8.65 -0.09 -0.69	-4.22 -0.06 17.27	5.80 -0.05 9.63	12.93 -0.04 4.37	21.10 0.01 -0.96	22.80 -0.01 -1.00	-2.07 -0.22 17.60	-2.83 -0.19 17.16	19.18 -0.07 -0.84
V_E_10_SYNC_DSASP 323830	17.33 0.22 0.00	16.26 0.23 0.00	15.60 0.34 0.00	15.17 0.41 0.00	12.41 0.42 0.00	15.09 0.50 0.00	10.67 0.33 -0.23	15.18 0.49 0.00	16.81 0.63 0.00	13.01 0.36 0.00	14.45 0.38 0.00	10.94 0.17 0.00	15.48 0.24 0.00	15.68 0.22 0.00	14.72 0.22 0.00	8.51 0.12 -0.33	13.39 0.21 -0.05	15.81 0.33 0.00	17.69 0.35 0.00	20.63 0.51 0.00	22.38 0.57 0.00	16.25 0.49 0.00	14.92 0.42 0.00	18.88 0.47 0.00
V_F_30_NSYNC___DSASP 323816	17.75 0.63 0.00	16.65 0.61 0.00	15.89 0.63 0.00	15.40 0.64 0.00	12.59 0.59 -0.01	15.29 0.71 0.00	12.45 0.53 -1.81	15.43 0.74 0.00	16.95 0.77 0.00	13.26 0.60 0.00	14.71 0.64 0.00	11.27 0.51 0.00	15.89 0.65 0.00	16.19 0.74 0.00	15.18 0.69 0.00	11.06 0.41 -2.60	13.78 0.66 0.00	16.27 0.79 0.00	18.24 0.90 0.00	21.12 1.00 0.00	22.86 1.04 0.00	16.60 0.85 0.00	15.28 0.77 0.00	19.11 0.69 0.00
V_F_30_SYNC_DSASP 323786	17.45 0.33 0.00	16.43 0.40 0.00	15.71 0.45 0.00	15.22 0.46 0.00	12.42 0.42 -0.01	15.10 0.52 0.00	12.27 0.37 -1.79	15.18 0.49 0.00	16.67 0.49 0.00	13.04 0.38 0.00	14.48 0.41 0.00	11.14 0.38 0.00	15.71 0.47 0.00	15.97 0.51 0.00	15.02 0.53 0.00	10.94 0.31 -2.57	13.57 0.45 0.00	15.97 0.49 0.00	17.89 0.55 0.00	20.71 0.58 0.00	22.44 0.63 0.00	16.31 0.55 0.00	15.00 0.49 0.00	18.80 0.38 0.00
V_XM_10_SYNC_DSASP 323789	17.52 0.40 0.00	16.50 0.47 0.00	15.75 0.49 0.00	15.28 0.52 0.00	12.21 0.23 0.00	14.45 -0.13 0.00	9.75 -0.36 0.00	13.81 -0.87 0.00	-17.79 -0.98 32.99	-12.40 -0.77 24.29	13.36 -0.72 0.00	10.30 -0.46 0.00	-14.94 -0.79 29.39	-20.85 -0.73 35.58	-21.10 -0.67 34.93	-21.17 -0.39 28.83	-20.91 -0.53 33.50	-20.86 -0.62 35.72	-20.78 -0.62 37.50	-20.75 -0.66 40.22	-20.72 -0.75 41.78	-15.95 -0.88 30.83	-6.69 -0.69 20.51	-17.46 -0.82 35.05
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	17.98 0.87 0.00	16.87 0.83 0.00	16.09 0.83 0.00	15.58 0.82 0.00	12.72 0.72 -0.01	15.49 0.91 0.00	12.13 0.67 -1.35	15.64 0.96 0.00	17.22 1.04 0.00	13.48 0.82 0.00	15.04 0.97 0.00	11.55 0.79 0.00	16.31 1.07 0.00	16.59 1.13 0.00	15.57 1.08 0.00	10.60 0.60 -1.94	13.99 0.87 0.00	16.49 1.01 0.00	18.46 1.12 0.00	21.31 1.19 0.00	23.10 1.29 0.00	16.87 1.11 0.00	15.53 1.02 0.00	19.36 0.95 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.25 1.14 0.00	17.12 1.09 0.00	16.32 1.06 0.00	15.80 1.04 0.00	12.88 0.88 -0.01	15.69 1.11 0.00	12.39 0.82 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.30 1.18 -1.06	15.33 0.94 -3.62	16.82 1.27 -0.31	23.08 1.31 -6.31	18.18 1.26 -2.43	16.66 0.71 -7.90	16.99 1.07 -2.80	17.05 1.24 -0.33	18.70 1.36 0.00	21.60 1.48 0.00	23.41 1.60 0.00	17.11 1.34 -0.02	15.74 1.23 0.00	19.54 1.13 0.00
W50THST__13_KV_LOAD 356117	18.36 1.25 0.00	17.22 1.19 0.00	16.40 1.14 0.00	15.88 1.13 0.00	12.95 0.95 -0.01	15.78 1.19 0.00	12.45 0.88 -1.45	15.94 1.25 0.00	17.55 1.37 0.00	13.74 1.08 0.00	16.40 1.26 -1.06	15.40 1.02 -3.62	16.92 1.38 -0.31	23.19 1.42 -6.31	18.28 1.35 -2.43	16.72 0.76 -7.91	17.08 1.15 -2.81	17.15 1.34 -0.33	18.81 1.47 0.00	21.73 1.61 0.00	23.55 1.74 0.00	17.22 1.44 -0.02	15.83 1.32 0.00	19.65 1.23 0.00
WADING RIVER_IC_1 23522	18.36 1.25 0.00	17.21 1.17 0.00	16.43 1.17 0.00	15.91 1.15 0.00	13.00 1.01 -0.01	15.78 1.20 0.00	12.41 0.85 -1.45	16.28 1.59 0.00	17.80 1.62 0.00	13.93 1.27 0.00	15.64 1.56 0.00	12.25 1.22 -0.26	16.82 1.58 0.00	16.95 1.42 -0.07	16.50 1.44 -0.56	10.94 0.80 -2.08	14.27 1.15 0.00	16.60 1.12 0.00	18.50 1.16 0.00	21.29 1.18 0.00	23.39 1.57 0.00	17.20 1.45 0.00	15.99 1.48 0.00	19.82 1.41 0.00

WADING RIVER_IC_2 23547	18.36 1.25 0.00	17.21 1.17 0.00	16.43 1.17 0.00	15.91 1.15 0.00	13.00 1.01 -0.01	15.78 1.20 0.00	12.41 0.85 -1.45	16.28 1.59 0.00	17.80 1.62 0.00	13.93 1.27 0.00	15.64 1.56 0.00	12.25 1.22 -0.26	16.82 1.58 0.00	16.95 1.42 -0.07	16.50 1.44 -0.56	10.94 0.80 -2.08	14.27 1.15 0.00	16.60 1.12 0.00	18.50 1.16 0.00	21.29 1.18 0.00	23.39 1.57 0.00	17.20 1.45 0.00	15.99 1.48 0.00	19.82 1.41 0.00
WADING RIVER_IC_3 23601	18.36 1.25 0.00	17.21 1.17 0.00	16.43 1.17 0.00	15.91 1.15 0.00	13.00 1.01 -0.01	15.78 1.20 0.00	12.41 0.85 -1.45	16.28 1.59 0.00	17.80 1.62 0.00	13.93 1.27 0.00	15.64 1.56 0.00	12.25 1.22 -0.26	16.82 1.58 0.00	16.95 1.42 -0.07	16.50 1.44 -0.56	10.94 0.80 -2.08	14.27 1.15 0.00	16.60 1.12 0.00	18.50 1.16 0.00	21.29 1.18 0.00	23.39 1.57 0.00	17.20 1.45 0.00	15.99 1.48 0.00	19.82 1.41 0.00
WALDENNY_I2_KV_BK2 80841	15.93 -1.19 0.00	15.05 -0.98 0.00	14.22 -1.04 0.00	13.80 -0.96 0.00	11.23 -0.75 0.00	13.77 -0.82 0.00	9.69 -0.56 -0.13	13.78 -0.91 0.00	15.22 -0.96 0.00	11.80 -0.86 0.00	13.04 -1.04 0.00	9.86 -0.90 0.00	13.88 -1.36 0.00	13.97 -1.49 0.00	13.06 -1.43 0.00	7.40 -0.84 -0.19	11.30 -1.52 0.30	13.77 -1.71 0.00	15.53 -1.81 0.00	18.23 -1.89 0.00	20.01 -1.80 0.00	14.90 -0.86 0.00	13.73 -0.78 0.00	17.69 -0.72 0.00
WALDEN___HYDRO 24148	18.02 0.90 0.00	16.90 0.86 0.00	16.11 0.85 0.00	15.60 0.84 0.00	12.73 0.73 -0.01	15.50 0.92 0.00	12.15 0.68 -1.36	15.67 0.98 0.00	17.24 1.06 0.00	13.50 0.84 0.00	15.05 0.97 0.00	11.54 0.77 0.00	16.29 1.06 0.00	16.59 1.13 0.00	15.59 1.10 0.00	10.63 0.61 -1.96	14.03 0.90 0.00	16.55 1.07 0.00	18.54 1.20 0.00	21.42 1.30 0.00	23.22 1.40 0.00	16.93 1.17 0.00	15.57 1.06 0.00	19.42 1.01 0.00
WARRENSBURG___ 23737	17.61 0.49 0.00	16.53 0.49 0.00	15.80 0.53 0.00	15.31 0.56 0.00	12.51 0.51 -0.01	15.17 0.59 0.00	12.41 0.48 -1.82	15.37 0.68 0.00	16.87 0.69 0.00	13.23 0.57 0.00	14.67 0.59 0.00	11.25 0.49 0.00	15.82 0.58 0.00	16.15 0.69 0.00	15.11 0.61 0.00	11.02 0.36 -2.61	13.77 0.64 0.00	16.26 0.78 0.00	18.23 0.89 0.00	21.11 0.99 0.00	22.78 0.97 0.00	16.56 0.80 0.00	15.22 0.71 0.00	18.96 0.55 0.00
WATERSIDE___6 8 9 23538	18.23 1.11 0.00	17.11 1.07 0.00	16.31 1.05 0.00	15.79 1.04 0.00	12.87 0.88 -0.01	15.69 1.11 0.00	12.38 0.82 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.31 1.16 -1.08	15.39 0.93 -3.70	16.81 1.26 -0.31	23.19 1.29 -6.45	18.21 1.23 -2.48	16.78 0.69 -8.03	17.04 1.05 -2.87	17.04 1.23 -0.34	18.70 1.36 0.00	21.60 1.48 0.00	23.41 1.60 0.00	17.11 1.34 -0.02	15.74 1.23 0.00	19.53 1.11 0.00
WATKINRD_115KV_LN8_ILLION 55919	17.05 -0.07 0.00	15.97 -0.06 0.00	15.23 -0.04 0.00	14.74 -0.01 0.00	12.03 0.05 0.00	14.66 0.07 0.00	10.16 0.06 0.00	14.76 0.08 0.00	16.24 0.07 0.00	12.70 0.04 0.00	14.11 0.03 0.00	10.81 0.04 0.00	15.27 0.03 0.00	15.50 0.04 0.00	14.54 0.05 0.00	8.09 0.04 0.00	14.06 0.04 -0.90	16.04 0.04 -0.52	17.65 0.05 -0.26	20.15 0.02 0.00	21.84 0.03 0.00	16.76 0.10 -0.91	15.46 0.08 -0.87	18.35 -0.06 0.00
WATSON___69_KV_BK 1 55734	18.53 1.41 0.00	17.36 1.32 0.00	16.55 1.29 0.00	16.02 1.26 0.00	13.08 1.09 -0.01	15.89 1.30 0.00	12.50 0.94 -1.45	16.20 1.51 0.00	17.72 1.55 0.00	13.89 1.23 0.00	15.61 1.53 0.00	12.24 1.22 -0.26	16.83 1.59 0.00	17.09 1.53 -0.10	16.87 1.61 -0.77	11.03 0.90 -2.08	14.40 1.28 0.00	16.84 1.36 0.00	18.78 1.43 0.00	21.67 1.55 0.00	23.65 1.83 0.00	17.34 1.58 0.00	16.08 1.57 0.00	19.90 1.49 0.00
WDELAWARE___HYD 323627	18.20 1.08 0.00	17.05 1.02 0.00	16.25 0.99 0.00	15.74 0.98 0.00	12.84 0.84 -0.01	15.66 1.07 0.00	12.11 0.78 -1.22	15.83 1.14 0.00	17.42 1.24 0.00	13.63 0.97 0.00	15.20 1.13 0.00	11.64 0.88 0.00	16.44 1.20 0.00	16.76 1.31 0.00	15.76 1.26 0.00	10.50 0.69 -1.75	14.15 1.03 0.00	16.72 1.24 0.00	18.76 1.42 0.00	21.69 1.56 0.00	23.51 1.70 0.00	17.14 1.38 0.00	15.75 1.24 0.00	19.67 1.26 0.00
WEST BABYLON___IC 23714	18.46 1.34 0.00	17.30 1.26 0.00	16.49 1.23 0.00	15.95 1.20 0.00	13.04 1.04 -0.01	15.83 1.25 0.00	12.46 0.90 -1.45	16.11 1.42 0.00	17.64 1.47 0.00	13.83 1.17 0.00	15.54 1.46 0.00	12.19 1.16 -0.26	16.73 1.49 0.00	17.07 1.46 -0.15	17.21 1.56 -1.16	11.00 0.86 -2.08	14.37 1.24 0.00	16.79 1.32 0.00	18.73 1.39 0.00	21.62 1.50 0.00	23.57 1.76 0.00	17.28 1.52 0.00	16.01 1.50 0.00	19.82 1.41 0.00
WEST CANADA___HYD 24049	17.16 0.04 0.00	16.08 0.05 0.00	15.31 0.05 0.00	14.82 0.06 0.00	12.06 0.07 0.00	14.68 0.09 0.00	10.18 0.07 0.00	14.79 0.10 0.00	16.29 0.11 0.00	12.74 0.08 0.00	14.17 0.09 0.00	10.84 0.08 0.00	15.33 0.09 0.00	15.55 0.10 0.00	14.60 0.10 0.00	8.11 0.06 0.00	14.09 0.07 -0.90	16.08 0.08 -0.52	17.69 0.09 -0.26	20.20 0.08 0.00	21.90 0.09 0.00	16.78 0.11 -0.91	15.48 0.10 -0.87	18.47 0.05 0.00
WESTERN_NY_WIND 24143	16.19 -0.92 0.00	15.30 -0.74 0.00	14.44 -0.82 0.00	14.01 -0.74 0.00	11.41 -0.58 0.00	13.97 -0.61 0.00	9.83 -0.39 -0.12	14.00 -0.69 0.00	15.49 -0.69 0.00	12.04 -0.62 0.00	13.40 -0.67 0.00	10.12 -0.64 0.00	14.21 -1.03 0.00	14.24 -1.22 0.00	13.32 -1.18 0.00	7.51 -0.71 -0.16	11.64 -1.32 0.17	14.01 -1.47 0.00	15.84 -1.50 0.00	18.68 -1.44 0.00	20.51 -1.30 0.00	15.19 -0.57 0.00	13.97 -0.54 0.00	17.96 -0.45 0.00
WESTOVER___LESR 323668	16.88 -0.23 0.00	15.88 -0.16 0.00	15.13 -0.13 0.00	14.66 -0.10 0.00	11.93 -0.06 0.00	14.59 0.00 0.00	10.35 0.01 -0.24	14.70 0.01 0.00	16.23 0.05 0.00	12.67 0.01 0.00	14.05 -0.03 0.00	10.72 -0.05 0.00	15.17 -0.07 0.00	15.35 -0.11 0.00	14.40 -0.10 0.00	8.32 -0.08 -0.34	12.92 -0.20 0.00	15.23 -0.25 0.00	16.99 -0.35 0.00	19.77 -0.35 0.00	21.49 -0.32 0.00	15.73 -0.03 0.00	14.46 -0.05 0.00	18.34 -0.07 0.00
WETHRSFD_WT_PWR 323626	15.49 -1.63 0.00	14.65 -1.38 0.00	13.93 -1.33 0.00	13.45 -1.30 0.00	10.98 -1.01 0.00	13.45 -1.13 0.00	9.48 -0.78 -0.15	13.49 -1.19 0.00	14.93 -1.26 0.00	11.60 -1.06 0.00	12.81 -1.26 0.00	9.70 -1.06 0.00	13.70 -1.54 0.00	13.81 -1.64 0.00	12.93 -1.57 0.00	7.35 -0.92 -0.21	10.42 -1.65 1.05	13.57 -1.90 0.00	15.30 -2.04 0.00	17.94 -2.18 0.00	19.66 -2.15 0.00	14.65 -1.11 0.00	13.56 -0.96 0.00	17.45 -0.97 0.00
WHAVSTOR_138KV_BK127 55557	17.92 0.80 0.00	16.81 0.77 0.00	16.04 0.78 0.00	15.53 0.77 0.00	12.67 0.67 -0.01	15.44 0.86 0.00	12.10 0.63 -1.36	15.59 0.91 0.00	17.16 0.98 0.00	13.43 0.77 0.00	14.99 0.91 0.00	11.51 0.74 0.00	16.24 1.00 0.00	16.52 1.06 0.00	15.51 1.01 0.00	10.57 0.56 -1.95	13.94 0.82 0.00	16.43 0.95 0.00	18.39 1.04 0.00	21.22 1.10 0.00	23.00 1.19 0.00	16.80 1.04 0.00	15.46 0.95 0.00	19.29 0.87 0.00

WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	17.92 0.80 0.00	16.81 0.77 0.00	16.04 0.78 0.00	15.53 0.77 0.00	12.67 0.67 -0.01	15.44 0.86 0.00	12.10 0.63 -1.36	15.59 0.91 0.00	17.16 0.98 0.00	13.43 0.77 0.00	14.99 0.91 0.00	11.51 0.74 0.00	16.24 1.00 0.00	16.52 1.06 0.00	15.51 1.01 0.00	10.57 0.56 -1.95	13.94 0.82 0.00	16.43 0.95 0.00	18.39 1.04 0.00	21.22 1.10 0.00	23.00 1.19 0.00	16.80 1.04 0.00	15.46 0.95 0.00	19.29 0.87 0.00
WHITEHAL_115KV_TB1 80871	17.90 0.79 0.00	16.86 0.82 0.00	16.23 0.97 0.00	15.76 1.01 0.00	12.85 0.85 -0.01	15.44 0.86 0.00	12.70 0.78 -1.82	15.81 1.13 0.00	17.26 1.08 0.00	13.39 0.73 0.00	14.70 0.63 0.00	11.38 0.62 0.00	16.11 0.87 0.00	16.43 0.97 0.00	15.30 0.80 0.00	11.15 0.49 -2.60	14.15 1.02 0.00	16.73 1.25 0.00	18.78 1.44 0.00	21.68 1.56 0.00	23.11 1.30 0.00	16.90 1.14 0.00	15.54 1.03 0.00	19.11 0.69 0.00
WHITEPLN_13_KV_LOAD 356215	18.21 1.09 0.00	17.08 1.05 0.00	16.28 1.02 0.00	15.77 1.02 0.00	12.87 0.88 -0.01	15.67 1.09 0.00	12.36 0.80 -1.45	15.84 1.15 0.00	17.44 1.26 0.00	13.65 0.99 0.00	15.22 1.15 0.00	11.70 0.93 0.00	16.49 1.25 0.00	16.75 1.30 0.00	15.75 1.25 0.00	10.84 0.70 -2.08	14.18 1.05 0.00	16.71 1.23 0.00	18.70 1.36 0.00	21.61 1.49 0.00	23.41 1.60 0.00	17.09 1.34 0.00	15.73 1.22 0.00	19.57 1.16 0.00
WM_FLOYD_69_KV_BK2 356380	18.47 1.35 0.00	17.31 1.27 0.00	16.52 1.26 0.00	15.99 1.23 0.00	13.07 1.07 -0.01	15.86 1.28 0.00	12.47 0.91 -1.45	16.28 1.59 0.00	17.80 1.62 0.00	13.93 1.27 0.00	15.64 1.57 0.00	12.26 1.23 -0.26	16.82 1.59 0.00	17.00 1.47 -0.07	16.59 1.52 -0.58	10.99 0.85 -2.08	14.36 1.23 0.00	16.73 1.26 0.00	18.65 1.32 0.00	21.51 1.39 0.00	23.54 1.73 0.00	17.30 1.54 0.00	16.06 1.55 0.00	19.90 1.48 0.00
WOODARD__115KV_TB2 355635	16.71 -0.41 0.00	15.69 -0.35 0.00	14.92 -0.35 0.00	14.44 -0.31 0.00	11.75 -0.23 0.00	14.33 -0.26 0.00	10.00 -0.18 -0.07	14.43 -0.26 0.00	15.92 -0.26 0.00	12.44 -0.22 0.00	13.81 -0.26 0.00	10.54 -0.22 0.00	14.88 -0.36 0.00	15.05 -0.40 0.00	14.12 -0.38 0.00	7.95 -0.21 -0.10	12.72 -0.40 0.00	15.01 -0.46 0.00	16.82 -0.52 0.00	19.53 -0.58 0.00	21.22 -0.59 0.00	15.45 -0.31 0.00	14.21 -0.30 0.00	18.08 -0.33 0.00
YORK__WARBASSE 23770	18.25 1.14 0.00	17.11 1.08 0.00	16.32 1.05 0.00	15.79 1.04 0.00	12.88 0.88 -0.01	15.70 1.11 0.00	12.39 0.83 -1.45	15.85 1.16 0.00	17.45 1.27 0.00	13.66 1.00 0.00	16.33 1.17 -1.08	15.40 0.94 -3.70	16.84 1.28 -0.31	23.22 1.32 -6.45	18.23 1.25 -2.48	16.78 0.70 -8.03	17.04 1.06 -2.87	17.05 1.23 -0.34	18.71 1.37 0.00	21.61 1.49 0.00	23.43 1.62 0.00	17.12 1.35 -0.02	15.75 1.24 0.00	19.55 1.14 0.00