

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/15/2023

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	11.11	6.93	6.39	7.41	7.45	11.74	15.08	18.87	16.96	16.64	15.74	15.83	14.55	15.83	17.90	16.14	18.45	21.14	21.99	21.12	24.36	24.58	20.10	17.09
24138	0.60	0.54	0.49	0.55	0.54	0.85	1.15	1.43	1.28	1.34	1.40	1.49	1.32	1.57	1.79	1.61	1.67	2.02	2.04	1.84	2.01	2.05	1.70	1.25
	-3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.06	0.00	0.00	0.00	-1.07	-0.73	0.00	-0.34	-0.51	0.00	0.00	-2.68
74TH STREET_GT_1	11.11	6.93	6.38	7.40	7.44	11.73	15.07	18.84	16.92	16.60	15.70	15.78	14.51	15.79	17.85	16.10	18.40	21.08	21.95	21.08	24.34	24.55	20.08	17.07
24260	0.60	0.54	0.48	0.54	0.53	0.84	1.13	1.40	1.24	1.29	1.35	1.45	1.28	1.52	1.74	1.56	1.61	1.96	2.00	1.80	1.98	2.02	1.68	1.24
	-3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.06	0.00	0.00	0.00	-1.07	-0.73	0.00	-0.34	-0.51	0.00	0.00	-2.68
74TH STREET_GT_2	11.11	6.93	6.38	7.40	7.44	11.73	15.07	18.84	16.92	16.60	15.70	15.78	14.51	15.79	17.85	16.10	18.40	21.08	21.95	21.08	24.34	24.55	20.08	17.07
24261	0.60	0.54	0.48	0.54	0.53	0.84	1.13	1.40	1.24	1.29	1.35	1.45	1.28	1.52	1.74	1.56	1.61	1.96	2.00	1.80	1.98	2.02	1.68	1.24
	-3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.06	0.00	0.00	0.00	-1.07	-0.73	0.00	-0.34	-0.51	0.00	0.00	-2.68
ADK HUDSON___FALLS	11.62	6.53	6.00	6.99	7.05	11.16	14.35	17.95	16.01	15.64	14.69	14.72	13.86	14.65	16.56	14.95	17.61	19.99	20.75	20.18	23.48	23.52	19.17	17.02
24011	0.19	0.14	0.10	0.13	0.14	0.27	0.42	0.52	0.33	0.33	0.35	0.39	0.37	0.38	0.44	0.42	0.57	0.70	0.80	0.82	1.01	0.99	0.77	0.53
	-4.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.32	0.00	0.00	0.00	-1.34	-0.91	0.00	-0.42	-0.63	0.00	0.00	-3.34
ADK RESOURCE___RCVRY	11.64	6.53	6.00	6.98	7.05	11.18	14.41	18.05	16.06	15.70	14.75	14.78	13.92	14.71	16.63	15.02	17.71	20.12	20.92	20.31	23.66	23.70	19.30	17.12
23798	0.20	0.14	0.10	0.12	0.14	0.29	0.48	0.61	0.38	0.40	0.40	0.45	0.42	0.45	0.51	0.50	0.66	0.83	0.97	0.95	1.18	1.17	0.91	0.62
	-4.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.32	0.00	0.00	0.00	-1.34	-0.91	0.00	-0.42	-0.63	0.00	0.00	-3.34
ADK S GLENS___FALLS	11.62	6.53	6.00	6.99	7.05	11.16	14.35	17.95	16.01	15.64	14.69	14.72	13.86	14.65	16.56	14.95	17.61	19.99	20.75	20.18	23.48	23.52	19.17	17.02
24028	0.19	0.14	0.10	0.13	0.14	0.27	0.42	0.52	0.33	0.33	0.35	0.39	0.37	0.38	0.44	0.42	0.57	0.70	0.80	0.82	1.01	0.99	0.77	0.53
	-4.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.32	0.00	0.00	0.00	-1.34	-0.91	0.00	-0.42	-0.63	0.00	0.00	-3.34
ADK_NYS___DAM	11.60	6.69	6.16	7.16	7.20	11.34	14.40	17.97	16.02	15.67	14.76	14.82	13.86	14.68	16.60	14.87	17.45	19.81	20.58	20.15	23.42	23.54	19.22	16.96
23527	0.34	0.30	0.26	0.30	0.29	0.46	0.46	0.53	0.34	0.37	0.42	0.48	0.42	0.41	0.48	0.34	0.44	0.55	0.62	0.81	0.97	1.01	0.82	0.58
	-4.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.27	0.00	0.00	0.00	-1.29	-0.88	0.00	-0.40	-0.61	0.00	0.00	-3.22
AIR_PRODUCTS___DRP	11.38	6.51	6.00	7.00	7.03	11.05	14.06	17.51	15.70	15.35	14.48	14.52	13.63	14.45	16.35	14.72	17.23	19.52	20.22	19.65	22.80	22.87	18.69	16.64
24190	0.13	0.11	0.10	0.14	0.12	0.16	0.12	0.08	0.02	0.05	0.13	0.19	0.19	0.18	0.23	0.20	0.23	0.26	0.26	0.31	0.35	0.34	0.29	0.26
	-4.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.27	0.00	0.00	0.00	-1.29	-0.88	0.00	-0.40	-0.61	0.00	0.00	-3.22
AKWESSNE_115KV_BK	6.70	6.29	5.81	6.76	6.80	10.70	13.61	17.04	15.38	15.00	13.99	-2.64	-15.11	-10.03	-8.39	-11.26	15.43	16.27	12.78	18.53	20.90	21.10	16.24	7.18
355683	-0.13	-0.10	-0.09	-0.10	-0.11	-0.19	-0.33	-0.40	-0.30	-0.30	-0.35	-0.39	-0.33	-0.37	-0.34	-0.32	-0.29	-0.37	-0.40	-0.41	-0.47	-0.45	-0.34	-0.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.58	26.95	23.92	24.16	25.47	0.00	1.75	6.78	0.00	0.47	0.98	1.82	5.71
ALBANY___1	11.38	6.51	6.00	7.00	7.03	11.05	14.06	17.51	15.70	15.35	14.48	14.52	13.63	14.45	16.35	14.72	17.23	19.52	20.22	19.65	22.80	22.87	18.69	16.64
23571	0.13	0.11	0.10	0.14	0.12	0.16	0.12	0.08	0.02	0.05	0.13	0.19	0.19	0.18	0.23	0.20	0.23	0.26	0.26	0.31	0.35	0.34	0.29	0.26
	-4.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.27	0.00	0.00	0.00	-1.29	-0.88	0.00	-0.40	-0.61	0.00	0.00	-3.22
ALBANY___2	11.38	6.51	6.00	7.00	7.03	11.05	14.06	17.51	15.70	15.35	14.48	14.52	13.63	14.45	16.35	14.72	17.23	19.52	20.22	19.65	22.80	22.87	18.69	16.64
23572	0.13	0.11	0.10	0.14	0.12	0.16	0.12	0.08	0.02	0.05	0.13	0.19	0.19	0.18	0.23	0.20	0.23	0.26	0.26	0.31	0.35	0.34	0.29	0.26
	-4.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.27	0.00	0.00	0.00	-1.29	-0.88	0.00	-0.40	-0.61	0.00	0.00	-3.22
ALBANY___3	11.38	6.51	6.00	7.00	7.03	11.05	14.06	17.51	15.70	15.35	14.48	14.52	13.63	14.45	16.35	14.72	17.23	19.52	20.22	19.65	22.80	22.87	18.69	16.64
23573	0.13	0.11	0.10	0.14	0.12	0.16	0.12	0.08	0.02	0.05	0.13	0.19	0.19	0.18	0.23	0.20	0.23	0.26	0.26	0.31	0.35	0.34	0.29	0.26
	-4.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.27	0.00	0.00	0.00	-1.29	-0.88	0.00	-0.40	-0.61	0.00	0.00	-3.22

ALBANY___4 23574	11.38 0.13 -4.43	6.51 0.11 0.00	6.00 0.10 0.00	7.00 0.14 0.00	7.03 0.12 0.00	11.05 0.16 0.00	14.06 0.12 0.00	17.51 0.08 0.00	15.70 0.02 0.00	15.35 0.05 0.00	14.48 0.13 0.00	14.52 0.19 0.00	13.63 0.19 -1.27	14.45 0.18 0.00	16.35 0.23 0.00	14.72 0.20 0.00	17.23 0.23 -1.29	19.52 0.26 -0.88	20.22 0.26 0.00	19.65 0.31 -0.40	22.80 0.35 -0.61	22.87 0.34 0.00	18.69 0.29 0.00	16.64 0.26 -3.22
ALBANY___LFGE 323615	11.48 0.18 -4.46	6.55 0.16 0.00	6.04 0.14 0.00	7.05 0.18 0.00	7.08 0.17 0.00	11.13 0.24 0.00	14.18 0.24 0.00	17.68 0.25 0.00	15.84 0.16 0.00	15.50 0.19 0.00	14.61 0.26 0.00	14.66 0.32 0.00	13.76 0.30 -1.28	14.58 0.31 0.00	16.50 0.38 0.00	14.86 0.33 0.00	17.39 0.38 -1.30	19.70 0.43 -0.88	20.42 0.46 0.00	19.84 0.50 -0.41	23.02 0.56 -0.61	23.09 0.56 0.00	18.86 0.46 0.00	16.77 0.37 -3.24
ALCOA_PA_115KV_PL-6C 55860	6.71 -0.12 0.00	6.30 -0.09 0.00	5.83 -0.08 0.00	6.78 -0.08 0.00	6.82 -0.09 0.00	10.72 -0.17 0.00	13.62 -0.32 0.00	17.06 -0.38 0.00	15.39 -0.29 0.00	15.00 -0.30 0.00	14.34 -0.37 -0.36	-0.86 -0.42 14.78	-13.48 -0.37 25.29	-8.21 -0.41 22.06	-6.44 -0.37 22.18	-9.44 -0.35 23.62	17.79 -0.31 -2.39	18.77 -0.40 -0.78	15.30 -0.42 4.24	21.11 -0.42 -2.59	23.66 -0.48 -2.29	23.90 -0.45 -1.82	18.79 -0.32 -0.71	9.31 -0.26 3.58
ALCOA_RYNLDS___DRP 24188	6.71 -0.12 0.00	6.30 -0.09 0.00	5.83 -0.08 0.00	6.78 -0.08 0.00	6.82 -0.09 0.00	10.72 -0.17 0.00	13.62 -0.32 0.00	17.06 -0.38 0.00	15.39 -0.29 0.00	15.00 -0.30 0.00	14.34 -0.37 -0.36	-0.86 -0.42 14.78	-13.48 -0.37 25.29	-8.21 -0.41 22.06	-6.44 -0.37 22.18	-9.44 -0.35 23.62	17.79 -0.31 -2.39	18.77 -0.40 -0.78	15.30 -0.42 4.24	21.11 -0.42 -2.59	23.66 -0.48 -2.29	23.90 -0.45 -1.82	18.79 -0.32 -0.71	9.31 -0.26 3.58
ALCOA___DSASP 323711	6.71 -0.12 0.00	6.30 -0.09 0.00	5.83 -0.08 0.00	6.78 -0.08 0.00	6.82 -0.09 0.00	10.71 -0.17 0.00	13.62 -0.32 0.00	17.06 -0.38 0.00	15.39 -0.29 0.00	15.00 -0.30 0.00	14.34 -0.37 -0.36	-0.86 -0.42 14.78	-13.48 -0.37 25.29	-8.21 -0.41 22.06	-6.44 -0.37 22.18	-9.44 -0.35 23.62	17.79 -0.31 -2.39	18.77 -0.40 -0.78	15.29 -0.42 4.24	21.11 -0.42 -2.59	23.65 -0.48 -2.29	23.89 -0.46 -1.82	18.78 -0.32 -0.71	9.31 -0.26 3.58
ALLEGHENY___COGEN 23514	7.72 0.07 -0.82	6.46 0.07 0.00	5.97 0.06 0.00	6.92 0.06 0.00	7.01 0.10 0.00	11.24 0.35 0.00	14.98 1.05 0.00	18.70 1.26 0.00	16.22 0.54 0.00	15.63 0.32 0.00	14.59 0.24 0.00	14.46 0.13 0.00	12.40 0.04 -0.19	14.30 0.04 0.00	15.99 -0.13 0.00	14.44 -0.09 0.00	15.63 -0.27 -0.19	44.88 -0.25 -26.75	44.19 -0.21 -24.44	33.45 0.16 -14.35	59.96 0.51 -37.61	59.60 0.38 -36.69	49.77 0.13 -31.24	28.73 0.14 -15.44
ALTAMONT_115KV_TB 2 55880	11.65 0.27 -4.56	6.63 0.24 0.00	6.12 0.21 0.00	7.11 0.25 0.00	7.16 0.25 0.00	11.29 0.41 0.00	14.46 0.53 0.00	18.06 0.63 0.00	16.17 0.49 0.00	15.77 0.47 0.00	14.81 0.47 0.00	14.84 0.51 0.00	13.92 0.44 -1.31	14.76 0.49 0.00	16.62 0.50 0.00	14.94 0.41 0.00	17.46 0.46 -1.29	19.81 0.55 -0.88	20.54 0.58 0.00	19.94 0.59 -0.40	23.14 0.68 -0.61	23.21 0.69 0.00	18.96 0.56 0.00	16.80 0.42 -3.22
ALTONA_WT_PWR 323606	6.70 -0.13 0.00	6.33 -0.06 0.00	5.87 -0.04 0.00	6.85 -0.01 0.00	6.85 -0.06 0.00	10.84 -0.05 0.00	13.88 -0.05 0.00	17.29 -0.14 0.00	15.50 -0.18 0.00	15.00 -0.30 0.00	8.15 -0.71 5.50	-18.18 -0.83 31.69	-20.96 -0.71 32.42	-20.96 -0.84 34.39	-21.11 -0.85 36.37	-20.98 -0.77 34.74	-21.06 -0.77 36.01	-21.05 -0.92 38.51	-21.03 -0.98 40.00	-21.04 -1.01 38.97	-21.04 -1.17 41.71	-21.05 -1.14 42.44	-21.04 -0.90 38.53	-21.03 -0.67 33.52
AMERICAN_REF_FUEL 24010	6.57 -0.53 -0.27	5.92 -0.47 0.00	5.49 -0.41 0.00	6.34 -0.52 0.00	6.38 -0.52 0.00	10.15 -0.74 0.00	13.14 -0.79 0.00	16.59 -0.85 0.00	15.12 -0.56 0.00	14.73 -0.57 0.00	13.80 -0.54 0.00	13.64 -0.69 0.00	11.71 -0.63 -0.17	13.52 -0.74 0.00	15.05 -1.07 0.00	13.62 -0.91 0.00	14.69 -1.20 -0.17	13.29 -1.37 3.73	12.37 -1.52 6.08	14.14 -1.31 3.50	11.16 -1.44 9.25	11.88 -1.51 9.13	9.65 -1.10 7.65	9.22 -0.61 3.33
ARKWRIGHT___SUMMIT_WT_PWR 323751	7.08 -0.16 -0.41	6.29 -0.11 0.00	5.82 -0.08 0.00	6.75 -0.11 0.00	6.82 -0.09 0.00	10.88 -0.01 0.00	14.17 0.23 0.00	17.83 0.38 0.00	16.13 0.45 0.00	15.72 0.40 -0.01	14.70 0.36 0.00	14.56 0.23 0.00	12.48 0.11 -0.19	14.39 0.13 0.00	16.02 -0.11 -0.01	14.48 -0.06 0.00	15.57 -0.34 -0.20	14.66 -0.35 3.37	13.42 -0.37 6.16	15.08 -0.32 3.54	12.02 -0.45 9.37	12.43 -0.83 9.27	9.69 -0.81 7.90	9.35 -0.41 3.40
ARTHUR_KILL_GT_1 23520	11.07 0.56 -3.68	6.90 0.51 0.00	6.35 0.45 0.00	7.37 0.51 0.00	7.41 0.50 0.00	11.70 0.81 0.00	15.01 1.08 0.00	18.72 1.28 0.00	16.80 1.13 0.00	16.46 1.15 0.00	15.55 1.21 0.00	15.62 1.29 0.00	14.40 1.17 -1.06	15.65 1.38 0.00	17.71 1.59 0.00	15.97 1.44 0.00	18.26 1.47 -1.07	20.93 1.82 -0.73	21.84 1.88 0.00	20.99 1.71 -0.34	24.25 1.90 -0.51	24.48 1.95 0.00	20.03 1.63 0.00	17.02 1.18 -2.68
ARTHUR_KILL_2 23512	11.06 0.55 -3.68	6.89 0.50 0.00	6.33 0.43 0.00	7.35 0.49 0.00	7.39 0.49 0.00	11.67 0.78 0.00	14.98 1.04 0.00	18.68 1.24 0.00	16.77 1.09 0.00	16.42 1.12 0.00	15.51 1.17 0.00	15.59 1.26 0.00	14.37 1.14 -1.06	15.62 1.36 0.00	17.67 1.56 0.00	15.93 1.40 0.00	18.22 1.43 -1.07	20.89 1.77 -0.73	21.79 1.83 0.00	20.94 1.66 -0.34	24.19 1.84 -0.51	24.41 1.88 0.00	19.97 1.58 0.00	16.98 1.14 -2.68
ARTHUR_KILL_3 23513	11.04 0.53 -3.68	6.87 0.48 0.00	6.33 0.43 0.00	7.35 0.49 0.00	7.38 0.48 0.00	11.63 0.74 0.00	14.93 1.00 0.00	18.65 1.22 0.00	16.75 1.07 0.00	16.42 1.12 0.00	15.53 1.19 0.00	15.62 1.29 0.00	14.36 1.13 -1.06	15.62 1.36 0.00	17.67 1.55 0.00	15.92 1.39 0.00	18.18 1.40 -1.07	20.84 1.72 -0.73	21.71 1.75 0.00	20.85 1.57 -0.34	24.08 1.73 -0.51	24.30 1.77 0.00	19.91 1.51 0.00	16.96 1.12 -2.68
ARTHUR_KILL_COGEN 323718	11.07 0.56 -3.68	6.90 0.51 0.00	6.35 0.45 0.00	7.37 0.51 0.00	7.41 0.50 0.00	11.70 0.81 0.00	15.01 1.08 0.00	18.72 1.28 0.00	16.80 1.13 0.00	16.46 1.15 0.00	15.55 1.21 0.00	15.62 1.29 0.00	14.40 1.17 -1.06	15.65 1.38 0.00	17.71 1.59 0.00	15.97 1.44 0.00	18.26 1.47 -1.07	20.93 1.82 -0.73	21.84 1.88 0.00	20.99 1.71 -0.34	24.25 1.90 -0.51	24.48 1.95 0.00	20.03 1.63 0.00	17.02 1.18 -2.68
ASHOKAN____ 23654	11.12 0.32 -3.97	6.72 0.33 0.00	6.20 0.30 0.00	7.20 0.34 0.00	7.24 0.34 0.00	11.42 0.53 0.00	14.59 0.66 0.00	18.21 0.77 0.00	16.27 0.58 0.00	15.88 0.58 0.00	14.97 0.62 0.00	15.00 0.67 0.00	13.86 0.55 -1.14	14.96 0.69 0.00	16.92 0.80 0.00	15.26 0.73 0.00	17.62 0.75 -1.15	20.22 1.05 -0.79	21.13 1.17 0.00	20.41 1.11 -0.36	23.70 1.31 -0.55	23.86 1.33 0.00	19.45 1.05 0.00	16.78 0.74 -2.88

ASTORIA_EAST_ENERGY_CC1 323581	11.07 0.56 -3.68	6.89 0.50 0.00	6.34 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.64 0.75 0.00	14.96 1.03 0.00	18.69 1.25 0.00	16.80 1.13 0.00	16.47 1.17 0.00	15.57 1.23 0.00	15.65 1.32 0.00	14.39 1.16 -1.06	15.64 1.38 0.00	17.68 1.56 0.00	15.93 1.40 0.00	18.21 1.42 -1.07	20.87 1.74 -0.73	21.76 1.81 0.00	20.89 1.61 -0.34	24.15 1.80 -0.51	24.37 1.84 0.00	19.94 1.55 0.00	16.97 1.13 -2.68
ASTORIA_EAST_ENERGY_CC2 323582	11.07 0.56 -3.68	6.89 0.50 0.00	6.34 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.64 0.75 0.00	14.96 1.03 0.00	18.69 1.25 0.00	16.80 1.13 0.00	16.47 1.17 0.00	15.57 1.23 0.00	15.65 1.32 0.00	14.39 1.16 -1.06	15.64 1.38 0.00	17.68 1.56 0.00	15.93 1.40 0.00	18.21 1.42 -1.07	20.87 1.74 -0.73	21.76 1.81 0.00	20.89 1.61 -0.34	24.15 1.80 -0.51	24.37 1.84 0.00	19.94 1.55 0.00	16.97 1.13 -2.68
ASTORIA_GT2_1 24094	11.07 0.56 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.64 0.75 0.00	14.97 1.04 0.00	18.70 1.26 0.00	16.81 1.14 0.00	16.48 1.18 0.00	15.58 1.23 0.00	15.66 1.33 0.00	14.40 1.17 -1.06	15.65 1.38 0.00	17.69 1.57 0.00	15.94 1.41 0.00	18.22 1.44 -1.07	20.88 1.76 -0.73	21.77 1.82 0.00	20.90 1.62 -0.34	24.17 1.81 -0.51	24.38 1.85 0.00	19.96 1.56 0.00	16.98 1.14 -2.68
ASTORIA_GT2_2 24095	11.07 0.56 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.64 0.75 0.00	14.97 1.04 0.00	18.70 1.26 0.00	16.81 1.14 0.00	16.48 1.18 0.00	15.58 1.23 0.00	15.66 1.33 0.00	14.40 1.17 -1.06	15.65 1.38 0.00	17.69 1.57 0.00	15.94 1.41 0.00	18.22 1.44 -1.07	20.88 1.76 -0.73	21.77 1.82 0.00	20.90 1.62 -0.34	24.17 1.81 -0.51	24.38 1.85 0.00	19.96 1.56 0.00	16.98 1.14 -2.68
ASTORIA_GT2_3 24096	11.07 0.56 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.64 0.75 0.00	14.97 1.04 0.00	18.70 1.26 0.00	16.81 1.14 0.00	16.48 1.18 0.00	15.58 1.23 0.00	15.66 1.33 0.00	14.40 1.17 -1.06	15.65 1.38 0.00	17.69 1.57 0.00	15.94 1.41 0.00	18.22 1.44 -1.07	20.88 1.76 -0.73	21.77 1.82 0.00	20.90 1.62 -0.34	24.17 1.81 -0.51	24.38 1.85 0.00	19.96 1.56 0.00	16.98 1.14 -2.68
ASTORIA_GT2_4 24097	11.07 0.56 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.64 0.75 0.00	14.97 1.04 0.00	18.70 1.26 0.00	16.81 1.14 0.00	16.48 1.18 0.00	15.58 1.23 0.00	15.66 1.33 0.00	14.40 1.17 -1.06	15.65 1.38 0.00	17.69 1.57 0.00	15.94 1.41 0.00	18.22 1.44 -1.07	20.88 1.76 -0.73	21.77 1.82 0.00	20.90 1.62 -0.34	24.17 1.81 -0.51	24.38 1.85 0.00	19.96 1.56 0.00	16.98 1.14 -2.68
ASTORIA_GT3_1 24098	11.07 0.56 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.64 0.75 0.00	14.97 1.04 0.00	18.70 1.26 0.00	16.81 1.14 0.00	16.48 1.18 0.00	15.58 1.23 0.00	15.66 1.33 0.00	14.40 1.17 -1.06	15.65 1.38 0.00	17.69 1.57 0.00	15.94 1.41 0.00	18.22 1.44 -1.07	20.88 1.76 -0.73	21.77 1.82 0.00	20.90 1.62 -0.34	24.17 1.81 -0.51	24.38 1.85 0.00	19.96 1.56 0.00	16.98 1.14 -2.68
ASTORIA_GT3_2 24099	11.07 0.56 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.64 0.75 0.00	14.97 1.04 0.00	18.70 1.26 0.00	16.81 1.14 0.00	16.48 1.18 0.00	15.58 1.23 0.00	15.66 1.33 0.00	14.40 1.17 -1.06	15.65 1.38 0.00	17.69 1.57 0.00	15.94 1.41 0.00	18.22 1.44 -1.07	20.88 1.76 -0.73	21.77 1.82 0.00	20.90 1.62 -0.34	24.17 1.81 -0.51	24.38 1.85 0.00	19.96 1.56 0.00	16.98 1.14 -2.68
ASTORIA_GT3_3 24100	11.07 0.56 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.64 0.75 0.00	14.97 1.04 0.00	18.70 1.26 0.00	16.81 1.14 0.00	16.48 1.18 0.00	15.58 1.23 0.00	15.66 1.33 0.00	14.40 1.17 -1.06	15.65 1.38 0.00	17.69 1.57 0.00	15.94 1.41 0.00	18.22 1.44 -1.07	20.88 1.76 -0.73	21.77 1.82 0.00	20.90 1.62 -0.34	24.17 1.81 -0.51	24.38 1.85 0.00	19.96 1.56 0.00	16.98 1.14 -2.68
ASTORIA_GT3_4 24101	11.07 0.56 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.64 0.75 0.00	14.97 1.04 0.00	18.70 1.26 0.00	16.81 1.14 0.00	16.48 1.18 0.00	15.58 1.23 0.00	15.66 1.33 0.00	14.40 1.17 -1.06	15.65 1.38 0.00	17.69 1.57 0.00	15.94 1.41 0.00	18.22 1.44 -1.07	20.88 1.76 -0.73	21.77 1.82 0.00	20.90 1.62 -0.34	24.17 1.81 -0.51	24.38 1.85 0.00	19.96 1.56 0.00	16.98 1.14 -2.68
ASTORIA_GT4_1 24102	11.07 0.56 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.64 0.75 0.00	14.97 1.04 0.00	18.70 1.26 0.00	16.81 1.14 0.00	16.48 1.18 0.00	15.58 1.23 0.00	15.66 1.33 0.00	14.40 1.17 -1.06	15.65 1.38 0.00	17.69 1.57 0.00	15.94 1.41 0.00	18.22 1.44 -1.07	20.88 1.76 -0.73	21.77 1.82 0.00	20.90 1.62 -0.34	24.17 1.81 -0.51	24.38 1.85 0.00	19.96 1.56 0.00	16.98 1.14 -2.68
ASTORIA_GT4_2 24103	11.07 0.56 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.64 0.75 0.00	14.97 1.04 0.00	18.70 1.26 0.00	16.81 1.14 0.00	16.48 1.18 0.00	15.58 1.23 0.00	15.66 1.33 0.00	14.40 1.17 -1.06	15.65 1.38 0.00	17.69 1.57 0.00	15.94 1.41 0.00	18.22 1.44 -1.07	20.88 1.76 -0.73	21.77 1.82 0.00	20.90 1.62 -0.34	24.17 1.81 -0.51	24.38 1.85 0.00	19.96 1.56 0.00	16.98 1.14 -2.68
ASTORIA_GT4_3 24104	11.07 0.56 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.64 0.75 0.00	14.97 1.04 0.00	18.70 1.26 0.00	16.81 1.14 0.00	16.48 1.18 0.00	15.58 1.23 0.00	15.66 1.33 0.00	14.40 1.17 -1.06	15.65 1.38 0.00	17.69 1.57 0.00	15.94 1.41 0.00	18.22 1.44 -1.07	20.88 1.76 -0.73	21.77 1.82 0.00	20.90 1.62 -0.34	24.17 1.81 -0.51	24.38 1.85 0.00	19.96 1.56 0.00	16.98 1.14 -2.68
ASTORIA_GT4_4 24105	11.07 0.56 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.64 0.75 0.00	14.97 1.04 0.00	18.70 1.26 0.00	16.81 1.14 0.00	16.48 1.18 0.00	15.58 1.23 0.00	15.66 1.33 0.00	14.40 1.17 -1.06	15.65 1.38 0.00	17.69 1.57 0.00	15.94 1.41 0.00	18.22 1.44 -1.07	20.88 1.76 -0.73	21.77 1.82 0.00	20.90 1.62 -0.34	24.17 1.81 -0.51	24.38 1.85 0.00	19.96 1.56 0.00	16.98 1.14 -2.68
ASTORIA_GT_1 23523	11.08 0.57 -3.68	6.90 0.51 0.00	6.35 0.45 0.00	7.37 0.51 0.00	7.41 0.50 0.00	11.66 0.77 0.00	15.00 1.06 0.00	18.73 1.30 0.00	16.85 1.17 0.00	16.52 1.21 0.00	15.61 1.26 0.00	15.69 1.36 0.00	14.42 1.19 -1.06	15.68 1.41 0.00	17.72 1.61 0.00	15.97 1.44 0.00	18.25 1.47 -1.07	20.91 1.79 -0.73	21.82 1.86 -0.34	20.93 1.66 -0.51	24.21 1.86 0.00	24.43 1.90 0.00	19.99 1.59 0.00	17.01 1.17 -2.68

ASTORIA_GT_10 24110	11.07 0.56 -3.68	6.90 0.50 0.00	6.35 0.45 0.00	7.36 0.50 0.00	7.41 0.50 0.00	11.65 0.77 0.00	14.97 1.04 0.00	18.71 1.28 0.00	16.81 1.14 0.00	16.49 1.19 0.00	15.60 1.26 0.00	15.68 1.35 0.00	14.43 1.19 -1.06	15.68 1.42 0.00	17.73 1.62 0.00	15.99 1.46 0.00	18.28 1.50 -1.07	20.93 1.81 -0.73	21.80 1.84 0.00	20.94 1.66 -0.34	24.17 1.82 -0.51	24.38 1.85 0.00	19.95 1.55 0.00	17.00 1.16 -2.68
ASTORIA_GT_11 24225	11.07 0.56 -3.68	6.90 0.50 0.00	6.35 0.45 0.00	7.36 0.50 0.00	7.41 0.50 0.00	11.65 0.77 0.00	14.97 1.04 0.00	18.71 1.28 0.00	16.81 1.14 0.00	16.49 1.19 0.00	15.60 1.26 0.00	15.68 1.35 0.00	14.43 1.19 -1.06	15.68 1.42 0.00	17.73 1.62 0.00	15.99 1.46 0.00	18.28 1.50 -1.07	20.93 1.81 -0.73	21.80 1.84 0.00	20.94 1.66 -0.34	24.17 1.82 -0.51	24.38 1.85 0.00	19.95 1.55 0.00	17.00 1.16 -2.68
ASTORIA_GT_12 24226	11.07 0.56 -3.68	6.90 0.50 0.00	6.35 0.45 0.00	7.36 0.50 0.00	7.41 0.50 0.00	11.65 0.77 0.00	14.97 1.04 0.00	18.71 1.28 0.00	16.81 1.14 0.00	16.49 1.19 0.00	15.60 1.26 0.00	15.68 1.35 0.00	14.43 1.19 -1.06	15.68 1.42 0.00	17.73 1.62 0.00	15.99 1.46 0.00	18.28 1.50 -1.07	20.93 1.81 -0.73	21.80 1.84 0.00	20.94 1.66 -0.34	24.17 1.82 -0.51	24.38 1.85 0.00	19.95 1.55 0.00	17.00 1.16 -2.68
ASTORIA_GT_13 24227	11.07 0.56 -3.68	6.90 0.50 0.00	6.35 0.45 0.00	7.36 0.50 0.00	7.41 0.50 0.00	11.65 0.77 0.00	14.97 1.04 0.00	18.71 1.28 0.00	16.81 1.14 0.00	16.49 1.19 0.00	15.60 1.26 0.00	15.68 1.35 0.00	14.43 1.19 -1.06	15.68 1.42 0.00	17.73 1.62 0.00	15.99 1.46 0.00	18.28 1.50 -1.07	20.93 1.81 -0.73	21.80 1.84 0.00	20.94 1.66 -0.34	24.17 1.82 -0.51	24.38 1.85 0.00	19.95 1.55 0.00	17.00 1.16 -2.68
ASTORIA_GT_5 24106	11.08 0.57 -3.68	6.90 0.51 0.00	6.35 0.45 0.00	7.37 0.51 0.00	7.41 0.50 0.00	11.66 0.77 0.00	15.00 1.06 0.00	18.73 1.30 0.00	16.85 1.17 0.00	16.52 1.21 0.00	15.61 1.26 0.00	15.69 1.36 0.00	14.42 1.19 -1.06	15.68 1.41 0.00	17.72 1.61 0.00	15.97 1.44 0.00	18.25 1.47 -1.07	20.91 1.79 -0.73	21.82 1.86 0.00	20.93 1.66 -0.34	24.21 1.86 -0.51	24.43 1.90 0.00	19.99 1.59 0.00	17.01 1.17 -2.68
ASTORIA_GT_7 24107	11.08 0.57 -3.68	6.90 0.51 0.00	6.35 0.45 0.00	7.37 0.51 0.00	7.41 0.50 0.00	11.66 0.77 0.00	15.00 1.06 0.00	18.73 1.30 0.00	16.85 1.17 0.00	16.52 1.21 0.00	15.61 1.26 0.00	15.69 1.36 0.00	14.42 1.19 -1.06	15.68 1.41 0.00	17.72 1.61 0.00	15.97 1.44 0.00	18.25 1.47 -1.07	20.91 1.79 -0.73	21.82 1.86 0.00	20.93 1.66 -0.34	24.21 1.86 -0.51	24.43 1.90 0.00	19.99 1.59 0.00	17.01 1.17 -2.68
ASTORIA_GT_8 24108	11.08 0.57 -3.68	6.90 0.51 0.00	6.35 0.45 0.00	7.37 0.51 0.00	7.41 0.50 0.00	11.66 0.77 0.00	15.00 1.06 0.00	18.73 1.30 0.00	16.85 1.17 0.00	16.52 1.21 0.00	15.61 1.26 0.00	15.69 1.36 0.00	14.42 1.19 -1.06	15.68 1.41 0.00	17.72 1.61 0.00	15.97 1.44 0.00	18.25 1.47 -1.07	20.91 1.79 -0.73	21.82 1.86 0.00	20.93 1.66 -0.34	24.21 1.86 -0.51	24.43 1.90 0.00	19.99 1.59 0.00	17.01 1.17 -2.68
ASTORIA___2 24149	11.07 0.56 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.64 0.75 0.00	14.97 1.04 0.00	18.70 1.26 0.00	16.81 1.14 0.00	16.48 1.18 0.00	15.58 1.23 0.00	15.66 1.33 0.00	14.40 1.17 -1.06	15.65 1.38 0.00	17.69 1.57 0.00	15.94 1.41 0.00	18.22 1.44 -1.07	20.88 1.76 -0.73	21.77 1.82 0.00	20.90 1.62 -0.34	24.17 1.81 -0.51	24.38 1.85 0.00	19.96 1.56 0.00	16.98 1.14 -2.68
ASTORIA___3 23516	11.07 0.56 -3.68	6.90 0.50 0.00	6.35 0.45 0.00	7.36 0.50 0.00	7.41 0.50 0.00	11.65 0.77 0.00	14.97 1.04 0.00	18.71 1.28 0.00	16.81 1.14 0.00	16.49 1.19 0.00	15.60 1.26 0.00	15.68 1.35 0.00	14.43 1.19 -1.06	15.68 1.42 0.00	17.73 1.62 0.00	15.99 1.46 0.00	18.28 1.50 -1.07	20.93 1.81 -0.73	21.80 1.84 0.00	20.94 1.66 -0.34	24.17 1.82 -0.51	24.38 1.85 0.00	19.95 1.55 0.00	17.00 1.16 -2.68
ASTORIA___4 23517	11.07 0.56 -3.68	6.90 0.50 0.00	6.35 0.45 0.00	7.36 0.50 0.00	7.41 0.49 0.00	11.65 0.77 0.00	14.97 1.04 0.00	18.71 1.28 0.00	16.81 1.14 0.00	16.49 1.19 0.00	15.60 1.26 0.00	15.68 1.35 0.00	14.42 1.19 -1.06	15.68 1.41 0.00	17.73 1.61 0.00	15.99 1.46 0.00	18.28 1.50 -1.07	20.93 1.82 -0.73	21.80 1.84 0.00	20.94 1.66 -0.34	24.17 1.82 -0.51	24.38 1.85 0.00	19.96 1.56 0.00	17.00 1.16 -2.68
ASTORIA___5 23518	11.07 0.56 -3.68	6.90 0.50 0.00	6.35 0.45 0.00	7.36 0.50 0.00	7.41 0.50 0.00	11.65 0.77 0.00	14.97 1.04 0.00	18.71 1.28 0.00	16.81 1.14 0.00	16.49 1.19 0.00	15.60 1.26 0.00	15.68 1.35 0.00	14.43 1.19 -1.06	15.68 1.42 0.00	17.73 1.62 0.00	15.99 1.46 0.00	18.28 1.50 -1.07	20.93 1.81 -0.73	21.80 1.84 0.00	20.94 1.66 -0.34	24.17 1.82 -0.51	24.38 1.85 0.00	19.95 1.55 0.00	17.00 1.16 -2.68
AST_ENERGY_2_CC3 323677	11.06 0.55 -3.68	6.89 0.49 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.65 0.76 0.00	14.96 1.02 0.00	18.68 1.24 0.00	16.77 1.09 0.00	16.45 1.15 0.00	15.57 1.23 0.00	15.66 1.32 0.00	14.41 1.18 -1.06	15.66 1.39 0.00	17.70 1.59 0.00	15.96 1.43 0.00	18.24 1.46 -1.07	20.89 1.77 -0.73	21.75 1.80 0.00	20.90 1.62 -0.34	24.12 1.77 -0.51	24.34 1.81 0.00	19.92 1.52 0.00	16.97 1.13 -2.68
AST_ENERGY_2_CC4 323678	11.06 0.55 -3.68	6.89 0.49 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.65 0.76 0.00	14.96 1.02 0.00	18.68 1.24 0.00	16.77 1.09 0.00	16.45 1.15 0.00	15.57 1.23 0.00	15.66 1.32 0.00	14.41 1.18 -1.06	15.66 1.39 0.00	17.70 1.59 0.00	15.96 1.43 0.00	18.24 1.46 -1.07	20.89 1.77 -0.73	21.75 1.80 0.00	20.90 1.62 -0.34	24.12 1.77 -0.51	24.34 1.81 0.00	19.92 1.52 0.00	16.97 1.13 -2.68
ATHENS_STG_1 23668	11.15 0.28 -4.04	6.64 0.25 0.00	6.12 0.22 0.00	7.11 0.25 0.00	7.16 0.25 0.00	11.27 0.38 0.00	14.42 0.48 0.00	18.00 0.56 0.00	16.14 0.46 0.00	15.80 0.49 0.00	14.89 0.54 0.00	14.94 0.60 0.00	13.87 0.54 -1.16	14.88 0.62 0.00	16.82 0.70 0.00	15.16 0.63 0.00	17.55 0.67 -1.17	19.99 0.80 -0.80	20.79 0.83 0.00	20.10 0.79 -0.37	23.30 0.90 -0.55	23.43 0.90 0.00	19.15 0.75 0.00	16.65 0.56 -2.93
ATHENS_STG_2 23670	11.15 0.28 -4.04	6.64 0.25 0.00	6.12 0.22 0.00	7.11 0.25 0.00	7.16 0.25 0.00	11.27 0.38 0.00	14.42 0.48 0.00	18.00 0.56 0.00	16.14 0.46 0.00	15.80 0.49 0.00	14.89 0.54 0.00	14.94 0.60 0.00	13.87 0.54 -1.16	14.88 0.62 0.00	16.82 0.70 0.00	15.16 0.63 0.00	17.55 0.67 -1.17	19.99 0.80 -0.80	20.79 0.83 0.00	20.10 0.79 -0.37	23.30 0.90 -0.55	23.43 0.90 0.00	19.15 0.75 0.00	16.65 0.56 -2.93

ATHENS_STG_3 23677	11.15 0.28 -4.04	6.64 0.25 0.00	6.12 0.22 0.00	7.11 0.25 0.00	7.16 0.25 0.00	11.27 0.38 0.00	14.42 0.48 0.00	18.00 0.56 0.00	16.14 0.46 0.00	15.80 0.49 0.00	14.89 0.54 0.00	14.94 0.60 0.00	13.87 0.54 -1.16	14.88 0.62 0.00	16.82 0.70 0.00	15.16 0.63 0.00	17.55 0.67 -1.17	19.99 0.80 -0.80	20.79 0.83 0.00	20.10 0.79 -0.37	23.30 0.90 -0.55	23.43 0.90 0.00	19.15 0.75 0.00	16.65 0.56 -2.93
AUBURN____LFGE 323710	8.02 0.05 -1.14	6.41 0.02 0.00	5.90 -0.01 0.00	6.87 0.01 0.00	6.92 0.01 0.00	11.03 0.15 0.00	14.29 0.36 0.00	17.87 0.43 0.00	15.96 0.28 0.00	15.52 0.21 0.00	14.51 0.17 0.00	14.46 0.12 0.00	12.40 0.08 -0.15	14.37 0.10 0.00	16.16 0.05 0.00	14.60 0.07 0.00	15.87 0.02 -0.15	19.55 0.08 -1.08	21.07 0.15 -0.96	19.74 0.19 -0.61	23.60 0.21 -1.54	24.09 0.13 -1.44	19.67 0.05 -1.22	14.18 0.06 -0.96
BABYLON_RES_REC 323704	11.20 0.69 -3.68	7.00 0.61 0.00	6.46 0.55 0.00	7.48 0.62 0.00	7.53 0.62 0.00	11.83 0.95 0.00	15.22 1.29 0.00	18.98 1.54 0.00	16.96 1.28 0.00	16.60 1.30 0.00	15.64 1.29 0.00	15.57 1.24 0.00	14.44 1.21 -1.06	15.72 1.45 0.00	17.88 1.76 0.00	23.59 1.64 -7.42	27.19 1.71 -9.77	27.48 2.08 -7.01	22.09 2.13 0.00	21.04 1.76 -0.34	24.35 2.00 -0.51	24.59 2.07 0.00	20.12 1.72 0.00	17.13 1.29 -2.68
BABYLON__69_KV_BK2 356345	11.27 0.76 -3.68	7.07 0.67 0.00	6.52 0.61 0.00	7.56 0.70 0.00	7.60 0.69 0.00	11.94 1.05 0.00	15.36 1.42 0.00	19.14 1.70 0.00	17.10 1.42 0.00	16.73 1.43 0.00	15.75 1.41 0.00	15.68 1.35 0.00	14.53 1.30 -1.06	15.84 1.58 0.00	18.02 1.90 0.00	23.73 1.78 -7.42	27.34 1.86 -9.77	27.67 2.28 -7.01	22.29 2.34 0.00	21.23 1.94 -0.34	24.57 2.22 -0.51	24.81 2.28 0.00	20.30 1.90 0.00	17.25 1.41 -2.68
BARON_WINDS____WT_PWR 323822	8.05 -0.03 -1.25	6.36 -0.03 0.00	5.91 0.00 0.00	6.86 0.00 0.00	6.93 0.02 0.00	10.97 0.08 0.00	14.07 0.14 0.00	17.69 0.26 0.00	16.09 0.41 0.00	15.71 0.41 0.00	14.67 0.32 0.00	14.57 0.24 0.00	12.53 0.12 -0.23	14.40 0.13 0.00	16.09 -0.03 0.00	14.56 0.03 0.00	15.73 -0.22 -0.24	-22.27 -0.23 40.43	-21.57 -0.22 41.31	-5.33 -0.20 24.07	-41.74 -0.28 63.31	-39.98 -0.48 62.03	-34.87 -0.49 52.78	-11.89 -0.30 24.75
BARRETT_IC_1 23704	11.12 0.61 -3.68	6.94 0.55 0.00	6.41 0.51 0.00	7.43 0.57 0.00	7.47 0.56 0.00	11.71 0.83 0.00	15.04 1.11 0.00	18.74 1.30 0.00	16.80 1.12 0.00	16.51 1.21 0.00	15.57 1.23 0.00	15.56 1.23 0.00	14.40 1.17 -1.06	15.67 1.41 0.00	17.80 1.68 0.00	23.49 1.53 -7.42	27.07 1.59 -9.77	27.31 1.91 -7.01	21.88 1.92 0.00	20.87 1.59 -0.34	24.15 1.80 -0.51	24.39 1.86 0.00	19.93 1.53 0.00	17.01 1.17 -2.68
BARRETT_IC_10 23701	11.12 0.61 -3.68	6.94 0.55 0.00	6.41 0.51 0.00	7.43 0.57 0.00	7.47 0.56 0.00	11.71 0.83 0.00	15.04 1.11 0.00	18.74 1.30 0.00	16.80 1.12 0.00	16.51 1.21 0.00	15.57 1.23 0.00	15.56 1.23 0.00	14.40 1.17 -1.06	15.67 1.41 0.00	17.80 1.68 0.00	23.49 1.53 -7.42	27.07 1.59 -9.77	27.31 1.91 -7.01	21.88 1.92 0.00	20.87 1.59 -0.34	24.15 1.80 -0.51	24.39 1.86 0.00	19.93 1.53 0.00	17.01 1.17 -2.68
BARRETT_IC_11 23702	11.12 0.61 -3.68	6.94 0.55 0.00	6.41 0.51 0.00	7.43 0.57 0.00	7.47 0.56 0.00	11.71 0.83 0.00	15.04 1.11 0.00	18.74 1.30 0.00	16.80 1.12 0.00	16.51 1.21 0.00	15.57 1.23 0.00	15.56 1.23 0.00	14.40 1.17 -1.06	15.67 1.41 0.00	17.80 1.68 0.00	23.49 1.53 -7.42	27.07 1.59 -9.77	27.31 1.91 -7.01	21.88 1.92 0.00	20.87 1.59 -0.34	24.15 1.80 -0.51	24.39 1.86 0.00	19.93 1.53 0.00	17.01 1.17 -2.68
BARRETT_IC_12 23703	11.12 0.61 -3.68	6.94 0.55 0.00	6.41 0.51 0.00	7.43 0.57 0.00	7.47 0.56 0.00	11.71 0.83 0.00	15.04 1.11 0.00	18.74 1.30 0.00	16.80 1.12 0.00	16.51 1.21 0.00	15.57 1.23 0.00	15.56 1.23 0.00	14.40 1.17 -1.06	15.67 1.41 0.00	17.80 1.68 0.00	23.49 1.53 -7.42	27.07 1.59 -9.77	27.31 1.91 -7.01	21.88 1.92 0.00	20.87 1.59 -0.34	24.15 1.80 -0.51	24.39 1.86 0.00	19.93 1.53 0.00	17.01 1.17 -2.68
BARRETT_IC_2 23705	11.12 0.61 -3.68	6.94 0.55 0.00	6.41 0.51 0.00	7.43 0.57 0.00	7.47 0.56 0.00	11.71 0.83 0.00	15.04 1.11 0.00	18.74 1.30 0.00	16.80 1.12 0.00	16.51 1.21 0.00	15.57 1.23 0.00	15.56 1.23 0.00	14.40 1.17 -1.06	15.67 1.41 0.00	17.80 1.68 0.00	23.49 1.53 -7.42	27.07 1.59 -9.77	27.31 1.91 -7.01	21.88 1.92 0.00	20.87 1.59 -0.34	24.15 1.80 -0.51	24.39 1.86 0.00	19.93 1.53 0.00	17.01 1.17 -2.68
BARRETT_IC_3 23706	11.12 0.61 -3.68	6.94 0.55 0.00	6.41 0.51 0.00	7.43 0.57 0.00	7.47 0.56 0.00	11.71 0.83 0.00	15.04 1.11 0.00	18.74 1.30 0.00	16.80 1.12 0.00	16.51 1.21 0.00	15.57 1.23 0.00	15.56 1.23 0.00	14.40 1.17 -1.06	15.67 1.41 0.00	17.80 1.68 0.00	23.49 1.53 -7.42	27.07 1.59 -9.77	27.31 1.91 -7.01	21.88 1.92 0.00	20.87 1.59 -0.34	24.15 1.80 -0.51	24.39 1.86 0.00	19.93 1.53 0.00	17.01 1.17 -2.68
BARRETT_IC_4 23707	11.12 0.61 -3.68	6.94 0.55 0.00	6.41 0.51 0.00	7.43 0.57 0.00	7.47 0.56 0.00	11.71 0.83 0.00	15.04 1.11 0.00	18.74 1.30 0.00	16.80 1.12 0.00	16.51 1.21 0.00	15.57 1.23 0.00	15.56 1.23 0.00	14.40 1.17 -1.06	15.67 1.41 0.00	17.80 1.68 0.00	23.49 1.53 -7.42	27.07 1.59 -9.77	27.31 1.91 -7.01	21.88 1.92 0.00	20.87 1.59 -0.34	24.15 1.80 -0.51	24.39 1.86 0.00	19.93 1.53 0.00	17.01 1.17 -2.68
BARRETT_IC_5 23708	11.12 0.61 -3.68	6.94 0.55 0.00	6.41 0.51 0.00	7.43 0.57 0.00	7.47 0.56 0.00	11.71 0.83 0.00	15.04 1.11 0.00	18.74 1.30 0.00	16.80 1.12 0.00	16.51 1.21 0.00	15.57 1.23 0.00	15.56 1.23 0.00	14.40 1.17 -1.06	15.67 1.41 0.00	17.80 1.68 0.00	23.49 1.53 -7.42	27.07 1.59 -9.77	27.31 1.91 -7.01	21.88 1.92 0.00	20.87 1.59 -0.34	24.15 1.80 -0.51	24.39 1.86 0.00	19.93 1.53 0.00	17.01 1.17 -2.68
BARRETT_IC_6 23709	11.12 0.61 -3.68	6.94 0.55 0.00	6.41 0.51 0.00	7.43 0.57 0.00	7.47 0.56 0.00	11.71 0.83 0.00	15.04 1.11 0.00	18.74 1.30 0.00	16.80 1.12 0.00	16.51 1.21 0.00	15.57 1.23 0.00	15.56 1.23 0.00	14.40 1.17 -1.06	15.67 1.41 0.00	17.80 1.68 0.00	23.49 1.53 -7.42	27.07 1.59 -9.77	27.31 1.91 -7.01	21.88 1.92 0.00	20.87 1.59 -0.34	24.15 1.80 -0.51	24.39 1.86 0.00	19.93 1.53 0.00	17.01 1.17 -2.68
BARRETT_IC_7 23710	11.12 0.61 -3.68	6.94 0.55 0.00	6.41 0.51 0.00	7.43 0.57 0.00	7.47 0.56 0.00	11.71 0.83 0.00	15.04 1.11 0.00	18.74 1.30 0.00	16.80 1.12 0.00	16.51 1.21 0.00	15.57 1.23 0.00	15.56 1.23 0.00	14.40 1.17 -1.06	15.67 1.41 0.00	17.80 1.68 0.00	23.49 1.53 -7.42	27.07 1.59 -9.77	27.31 1.91 -7.01	21.88 1.92 0.00	20.87 1.59 -0.34	24.15 1.80 -0.51	24.39 1.86 0.00	19.93 1.53 0.00	17.01 1.17 -2.68

BARRETT_IC_8 23711	11.12 0.61 -3.68	6.94 0.55 0.00	6.41 0.51 0.00	7.43 0.57 0.00	7.47 0.56 0.00	11.71 0.83 0.00	15.04 1.11 0.00	18.74 1.30 0.00	16.80 1.12 0.00	16.51 1.21 0.00	15.57 1.23 0.00	15.56 1.23 0.00	14.40 1.17 -1.06	15.67 1.41 0.00	17.80 1.68 0.00	23.49 1.53 -7.42	27.07 1.59 -9.77	27.31 1.91 -7.01	21.88 1.92 0.00	20.87 1.59 -0.34	24.15 1.80 -0.51	24.39 1.86 0.00	19.93 1.53 0.00	17.01 1.17 -2.68
BARRETT_IC_9 23700	11.12 0.61 -3.68	6.94 0.55 0.00	6.41 0.51 0.00	7.43 0.57 0.00	7.47 0.56 0.00	11.71 0.83 0.00	15.04 1.11 0.00	18.74 1.30 0.00	16.80 1.12 0.00	16.51 1.21 0.00	15.57 1.23 0.00	15.56 1.23 0.00	14.40 1.17 -1.06	15.67 1.41 0.00	17.80 1.68 0.00	23.49 1.53 -7.42	27.07 1.59 -9.77	27.31 1.91 -7.01	21.88 1.92 0.00	20.87 1.59 -0.34	24.15 1.80 -0.51	24.39 1.86 0.00	19.93 1.53 0.00	17.01 1.17 -2.68
BARRETT___1 23545	11.12 0.61 -3.68	6.94 0.55 0.00	6.41 0.51 0.00	7.43 0.57 0.00	7.47 0.56 0.00	11.71 0.83 0.00	15.04 1.11 0.00	18.74 1.30 0.00	16.80 1.12 0.00	16.51 1.21 0.00	15.57 1.23 0.00	15.56 1.23 0.00	14.40 1.17 -1.06	15.67 1.41 0.00	17.80 1.68 0.00	23.49 1.53 -7.42	27.07 1.59 -9.77	27.31 1.91 -7.01	21.88 1.92 0.00	20.87 1.59 -0.34	24.15 1.80 -0.51	24.39 1.86 0.00	19.93 1.53 0.00	17.01 1.17 -2.68
BARRETT___2 23546	11.12 0.61 -3.68	6.94 0.55 0.00	6.41 0.51 0.00	7.43 0.57 0.00	7.47 0.56 0.00	11.71 0.83 0.00	15.04 1.11 0.00	18.74 1.30 0.00	16.80 1.12 0.00	16.51 1.21 0.00	15.57 1.23 0.00	15.56 1.23 0.00	14.40 1.17 -1.06	15.67 1.41 0.00	17.80 1.68 0.00	23.49 1.53 -7.42	27.07 1.59 -9.77	27.31 1.91 -7.01	21.88 1.92 0.00	20.87 1.59 -0.34	24.15 1.80 -0.51	24.39 1.86 0.00	19.93 1.53 0.00	17.01 1.17 -2.68
BATAVIA__115KV_TB1 55881	6.74 -0.26 -0.17	6.18 -0.21 0.00	5.72 -0.18 0.00	6.62 -0.24 0.00	6.67 -0.24 0.00	10.63 -0.25 0.00	13.61 -0.33 0.00	17.13 -0.31 0.00	15.56 -0.12 0.00	15.11 -0.19 0.00	14.14 -0.20 0.00	13.99 -0.35 0.00	11.96 -0.38 -0.17	13.81 -0.45 0.00	15.35 -0.77 0.00	13.88 -0.65 0.00	14.99 -0.89 -0.17	11.65 -0.97 5.77	13.20 -1.01 5.74	14.86 -0.77 3.30	12.32 -0.77 8.76	13.37 -0.49 8.67	10.69 -0.50 7.21	9.87 -0.20 3.09
BAYONEEC___CTG1 323682	11.06 0.55 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.66 0.77 0.00	14.97 1.04 0.00	18.71 1.27 0.00	16.80 1.12 0.00	16.47 1.17 0.00	15.58 1.24 0.00	15.67 1.33 0.00	14.41 1.18 -1.06	15.67 1.41 0.00	17.72 1.60 0.00	15.97 1.44 0.00	18.26 1.47 -1.07	20.92 1.80 -0.73	21.78 1.82 0.00	20.92 1.65 -0.34	24.16 1.80 -0.51	24.37 1.84 0.00	19.95 1.55 0.00	16.99 1.15 -2.68
BAYONEEC___CTG10 323750	11.06 0.55 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.66 0.77 0.00	14.97 1.04 0.00	18.71 1.27 0.00	16.80 1.12 0.00	16.47 1.17 0.00	15.58 1.24 0.00	15.67 1.33 0.00	14.41 1.18 -1.06	15.67 1.41 0.00	17.72 1.60 0.00	15.97 1.44 0.00	18.26 1.47 -1.07	20.92 1.80 -0.73	21.78 1.82 0.00	20.92 1.65 -0.34	24.16 1.80 -0.51	24.37 1.84 0.00	19.95 1.55 0.00	16.99 1.15 -2.68
BAYONEEC___CTG2 323683	11.06 0.55 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.66 0.77 0.00	14.97 1.04 0.00	18.71 1.27 0.00	16.80 1.12 0.00	16.47 1.17 0.00	15.58 1.24 0.00	15.67 1.33 0.00	14.41 1.18 -1.06	15.67 1.41 0.00	17.72 1.60 0.00	15.97 1.44 0.00	18.26 1.47 -1.07	20.92 1.80 -0.73	21.78 1.82 0.00	20.92 1.65 -0.34	24.16 1.80 -0.51	24.37 1.84 0.00	19.95 1.55 0.00	16.99 1.15 -2.68
BAYONEEC___CTG3 323684	11.06 0.55 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.66 0.77 0.00	14.97 1.04 0.00	18.71 1.27 0.00	16.80 1.12 0.00	16.47 1.17 0.00	15.58 1.24 0.00	15.67 1.33 0.00	14.41 1.18 -1.06	15.67 1.41 0.00	17.72 1.60 0.00	15.97 1.44 0.00	18.26 1.47 -1.07	20.92 1.80 -0.73	21.78 1.82 0.00	20.92 1.65 -0.34	24.16 1.80 -0.51	24.37 1.84 0.00	19.95 1.55 0.00	16.99 1.15 -2.68
BAYONEEC___CTG4 323685	11.06 0.55 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.66 0.77 0.00	14.97 1.04 0.00	18.71 1.27 0.00	16.80 1.12 0.00	16.47 1.17 0.00	15.58 1.24 0.00	15.67 1.33 0.00	14.41 1.18 -1.06	15.67 1.41 0.00	17.72 1.60 0.00	15.97 1.44 0.00	18.26 1.47 -1.07	20.92 1.80 -0.73	21.78 1.82 0.00	20.92 1.65 -0.34	24.16 1.80 -0.51	24.37 1.84 0.00	19.95 1.55 0.00	16.99 1.15 -2.68
BAYONEEC___CTG5 323686	11.06 0.55 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.66 0.77 0.00	14.97 1.04 0.00	18.71 1.27 0.00	16.80 1.12 0.00	16.47 1.17 0.00	15.58 1.24 0.00	15.67 1.33 0.00	14.41 1.18 -1.06	15.67 1.41 0.00	17.72 1.60 0.00	15.97 1.44 0.00	18.26 1.47 -1.07	20.92 1.80 -0.73	21.78 1.82 0.00	20.92 1.65 -0.34	24.16 1.80 -0.51	24.37 1.84 0.00	19.95 1.55 0.00	16.99 1.15 -2.68
BAYONEEC___CTG6 323687	11.06 0.55 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.66 0.77 0.00	14.97 1.04 0.00	18.71 1.27 0.00	16.80 1.12 0.00	16.47 1.17 0.00	15.58 1.24 0.00	15.67 1.33 0.00	14.41 1.18 -1.06	15.67 1.41 0.00	17.72 1.60 0.00	15.97 1.44 0.00	18.26 1.47 -1.07	20.92 1.80 -0.73	21.78 1.82 0.00	20.92 1.65 -0.34	24.16 1.80 -0.51	24.37 1.84 0.00	19.95 1.55 0.00	16.99 1.15 -2.68
BAYONEEC___CTG7 323688	11.06 0.55 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.66 0.77 0.00	14.97 1.04 0.00	18.71 1.27 0.00	16.80 1.12 0.00	16.47 1.17 0.00	15.58 1.24 0.00	15.67 1.33 0.00	14.41 1.18 -1.06	15.67 1.41 0.00	17.72 1.60 0.00	15.97 1.44 0.00	18.26 1.47 -1.07	20.92 1.80 -0.73	21.78 1.82 0.00	20.92 1.65 -0.34	24.16 1.80 -0.51	24.37 1.84 0.00	19.95 1.55 0.00	16.99 1.15 -2.68
BAYONEEC___CTG8 323689	11.06 0.55 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.66 0.77 0.00	14.97 1.04 0.00	18.71 1.27 0.00	16.80 1.12 0.00	16.47 1.17 0.00	15.58 1.24 0.00	15.67 1.33 0.00	14.41 1.18 -1.06	15.67 1.41 0.00	17.72 1.60 0.00	15.97 1.44 0.00	18.26 1.47 -1.07	20.92 1.80 -0.73	21.78 1.82 0.00	20.92 1.65 -0.34	24.16 1.80 -0.51	24.37 1.84 0.00	19.95 1.55 0.00	16.99 1.15 -2.68
BAYONEEC___CTG9 323749	11.06 0.55 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.66 0.77 0.00	14.97 1.04 0.00	18.71 1.27 0.00	16.80 1.12 0.00	16.47 1.17 0.00	15.58 1.24 0.00	15.67 1.33 0.00	14.41 1.18 -1.06	15.67 1.41 0.00	17.72 1.60 0.00	15.97 1.44 0.00	18.26 1.47 -1.07	20.92 1.80 -0.73	21.78 1.82 0.00	20.92 1.65 -0.34	24.16 1.80 -0.51	24.37 1.84 0.00	19.95 1.55 0.00	16.99 1.15 -2.68

BEACON___LESR 323632	11.46 0.21 -4.42	6.58 0.19 0.00	6.07 0.17 0.00	7.07 0.21 0.00	7.10 0.20 0.00	11.19 0.30 0.00	14.27 0.34 0.00	17.84 0.40 0.00	15.96 0.28 0.00	15.60 0.30 0.00	14.67 0.32 0.00	14.73 0.40 0.00	13.79 0.35 -1.27	14.66 0.40 0.00	16.59 0.47 0.00	14.96 0.43 0.00	17.51 0.51 -1.29	19.83 0.57 -0.88	20.61 0.66 0.00	20.03 0.68 -0.40	23.22 0.77 -0.61	23.29 0.76 0.00	18.99 0.59 0.00	16.85 0.48 -3.21
BEAVER RIVER___HYD 24048	6.91 -0.08 -0.17	6.33 -0.06 0.00	5.86 -0.04 0.00	6.84 -0.02 0.00	6.89 -0.02 0.00	10.84 -0.05 0.00	13.89 -0.05 0.00	17.29 -0.15 0.00	15.41 -0.27 0.00	14.95 -0.35 0.00	14.09 -0.63 -0.38	9.88 -0.93 3.52	4.28 -0.89 7.00	7.36 -1.04 5.86	9.18 -1.13 5.81	7.16 -1.00 6.37	17.13 -1.12 -2.54	19.31 -1.18 -2.10	19.24 -1.15 -0.43	20.74 -0.91 -2.71	23.65 -0.95 -2.75	24.21 -0.92 -2.60	19.70 -0.74 -2.04	13.10 -0.54 -0.47
BEEBEE_GT_13 23619	6.63 -0.24 -0.04	6.19 -0.21 0.00	5.72 -0.19 0.00	6.61 -0.24 0.00	6.67 -0.23 0.00	10.63 -0.26 0.00	13.77 -0.17 0.00	17.32 -0.12 0.00	15.65 -0.03 0.00	15.24 -0.06 0.00	14.27 -0.07 0.00	14.17 -0.16 0.00	12.14 -0.17 -0.14	14.07 -0.19 0.00	15.75 -0.37 0.00	14.22 -0.31 0.00	15.41 -0.44 -0.14	17.99 -0.49 -0.10	19.46 -0.50 0.00	18.61 -0.38 -0.04	21.52 -0.40 -0.07	22.02 -0.51 0.00	17.89 -0.50 0.01	13.25 -0.26 -0.35
BENSHRST_27_KV_BENSHRST_1 355998	11.12 0.61 -3.68	6.94 0.55 0.00	6.38 0.48 0.00	7.40 0.54 0.00	7.45 0.54 0.00	11.73 0.85 0.00	15.08 1.15 0.00	18.86 1.42 0.00	16.95 1.27 0.00	16.62 1.32 0.00	15.72 1.37 0.00	15.80 1.47 0.00	14.54 1.31 -1.06	15.82 1.56 0.00	17.89 1.77 0.00	16.13 1.60 0.00	18.45 1.66 -1.07	21.14 2.02 -0.73	22.03 2.07 0.00	21.15 1.87 -0.34	24.43 2.08 -0.51	24.64 2.11 0.00	20.16 1.76 0.00	17.12 1.28 -2.68
BETHLEHEM___GRP 23843	11.38 0.13 -4.43	6.51 0.11 0.00	6.00 0.10 0.00	7.00 0.14 0.00	7.03 0.12 0.00	11.05 0.16 0.00	14.06 0.12 0.00	17.51 0.08 0.00	15.70 0.02 0.00	15.35 0.05 0.00	14.48 0.13 0.00	14.52 0.19 0.00	13.63 0.19 -1.27	14.45 0.18 0.00	16.35 0.23 0.00	14.72 0.20 0.00	17.23 0.23 -1.29	19.52 0.26 -0.88	20.22 0.26 0.00	19.65 0.31 -0.40	22.80 0.35 -0.61	22.87 0.34 0.00	18.69 0.29 0.00	16.64 0.26 -3.22
BETHLEHEM___GS1 323560	11.38 0.13 -4.43	6.51 0.11 0.00	6.00 0.10 0.00	7.00 0.14 0.00	7.03 0.12 0.00	11.04 0.16 0.00	14.05 0.12 0.00	17.52 0.08 0.00	15.70 0.02 0.00	15.35 0.05 0.00	14.48 0.13 0.00	14.52 0.19 0.00	13.63 0.19 -1.27	14.45 0.18 0.00	16.35 0.23 0.00	14.72 0.20 0.00	17.23 0.23 -1.29	19.52 0.25 -0.88	20.22 0.26 0.00	19.65 0.31 -0.40	22.80 0.35 -0.61	22.87 0.34 0.00	18.69 0.29 0.00	16.64 0.26 -3.22
BETHLEHEM___GS2 323561	11.38 0.13 -4.43	6.51 0.11 0.00	6.00 0.10 0.00	7.00 0.14 0.00	7.03 0.12 0.00	11.04 0.16 0.00	14.05 0.12 0.00	17.52 0.08 0.00	15.70 0.02 0.00	15.35 0.05 0.00	14.48 0.13 0.00	14.52 0.19 0.00	13.63 0.19 -1.27	14.45 0.18 0.00	16.35 0.23 0.00	14.72 0.20 0.00	17.23 0.23 -1.29	19.52 0.25 -0.88	20.22 0.26 0.00	19.65 0.31 -0.40	22.80 0.35 -0.61	22.87 0.34 0.00	18.69 0.29 0.00	16.64 0.26 -3.22
BETHLEHEM___GS3 323562	11.38 0.13 -4.43	6.51 0.11 0.00	6.00 0.10 0.00	7.00 0.14 0.00	7.03 0.12 0.00	11.04 0.16 0.00	14.05 0.12 0.00	17.52 0.08 0.00	15.70 0.02 0.00	15.35 0.05 0.00	14.48 0.13 0.00	14.52 0.19 0.00	13.63 0.19 -1.27	14.45 0.18 0.00	16.35 0.23 0.00	14.72 0.20 0.00	17.23 0.23 -1.29	19.52 0.25 -0.88	20.22 0.26 0.00	19.65 0.31 -0.40	22.80 0.35 -0.61	22.87 0.34 0.00	18.69 0.29 0.00	16.64 0.26 -3.22
BETHLEHEM___STEEL 23779	6.89 -0.28 -0.34	6.18 -0.22 0.00	5.72 -0.18 0.00	6.62 -0.24 0.00	6.67 -0.24 0.00	10.63 -0.26 0.00	13.76 -0.18 0.00	17.37 -0.07 0.00	15.81 0.13 0.00	15.41 0.10 -0.01	14.42 0.08 0.00	14.28 -0.05 0.00	12.24 -0.12 -0.18	14.13 -0.13 0.00	15.74 -0.39 -0.01	14.22 -0.31 0.00	15.37 -0.54 -0.19	9.91 -0.60 7.88	11.50 -0.63 7.82	13.91 -0.51 4.52	9.39 -0.54 11.92	10.11 -0.66 11.75	7.80 -0.60 10.00	8.46 -0.27 4.43
BETHLHEM_115KV_TB1 79974	11.40 0.15 -4.42	6.52 0.13 0.00	6.02 0.11 0.00	7.01 0.15 0.00	7.05 0.14 0.00	11.07 0.19 0.00	14.11 0.17 0.00	17.59 0.15 0.00	15.76 0.08 0.00	15.41 0.11 0.00	14.53 0.18 0.00	14.57 0.24 0.00	13.67 0.23 -1.27	14.50 0.23 0.00	16.40 0.28 0.00	14.77 0.24 0.00	17.29 0.29 -1.29	19.59 0.32 -0.88	20.30 0.34 0.00	19.72 0.37 -0.40	22.88 0.43 -0.61	22.94 0.41 0.00	18.75 0.35 0.00	16.67 0.30 -3.22
BETHPAGE_CC_5 323564	11.18 0.66 -3.68	6.98 0.59 0.00	6.44 0.54 0.00	7.47 0.61 0.00	7.51 0.61 0.00	11.79 0.91 0.00	15.16 1.23 0.00	18.91 1.48 0.00	16.92 1.24 0.00	16.58 1.28 0.00	15.63 1.29 0.00	15.60 1.27 0.00	14.45 1.22 -1.06	15.73 1.46 0.00	17.87 1.75 0.00	23.58 1.63 -7.42	27.15 1.67 -9.77	27.42 2.03 -7.01	22.02 2.06 0.00	20.98 1.71 -0.34	24.28 1.93 -0.51	24.52 1.99 0.00	20.08 1.68 0.00	17.10 1.26 -2.68
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	6.98 -0.22 -0.37	6.23 -0.16 0.00	5.78 -0.13 0.00	6.68 -0.18 0.00	6.74 -0.17 0.00	10.73 -0.16 0.00	13.91 -0.02 0.00	17.54 0.10 0.00	15.95 0.27 0.00	15.54 0.23 -0.01	14.54 0.19 0.00	14.40 0.07 0.00	12.34 -0.02 -0.19	14.25 -0.01 0.00	15.88 -0.25 -0.01	14.35 -0.18 0.00	15.50 -0.41 -0.20	10.83 -0.44 7.12	12.42 -0.45 7.09	14.51 -0.34 4.09	10.71 -0.34 10.79	11.42 -0.46 10.65	8.91 -0.43 9.06	9.04 -0.16 3.96
BINGHAMTON___COGEN 23790	8.24 0.08 -1.33	6.46 0.07 0.00	5.98 0.08 0.00	6.94 0.08 0.00	7.00 0.09 0.00	11.05 0.16 0.00	14.23 0.30 0.00	17.85 0.41 0.00	16.06 0.38 0.00	15.65 0.35 0.00	14.65 0.31 0.00	14.63 0.29 0.00	12.72 0.22 -0.33	14.54 0.27 0.00	16.36 0.24 0.00	14.80 0.28 0.00	16.23 0.19 -0.34	18.90 0.28 -0.23	20.28 0.32 0.00	19.34 0.29 -0.10	22.32 0.32 -0.16	22.81 0.28 0.00	18.62 0.21 -0.02	14.19 0.20 -0.84
BIXINCNT_115KV_LOAD 355685	7.24 -0.05 -0.46	6.38 -0.01 0.00	5.91 0.01 0.00	6.86 0.00 0.00	6.93 0.03 0.00	11.08 0.19 0.00	14.47 0.54 0.00	18.14 0.70 0.00	16.36 0.68 0.00	15.93 0.62 -0.01	14.87 0.52 0.00	14.73 0.40 0.00	12.59 0.22 -0.20	14.54 0.27 0.00	16.19 0.07 -0.01	14.63 0.10 0.00	15.75 -0.17 -0.20	13.37 -0.23 4.79	14.89 -0.25 4.82	16.12 -0.06 2.76	14.44 -0.10 7.30	15.00 -0.29 7.24	11.89 -0.35 6.16	10.49 -0.14 2.53
BLACK RIVER___HYD 24047	6.98 -0.07 -0.23	6.34 -0.06 0.00	5.86 -0.04 0.00	6.84 -0.02 0.00	6.90 -0.01 0.00	10.88 -0.01 0.00	14.00 0.06 0.00	17.41 -0.03 0.00	15.45 -0.23 0.00	14.96 -0.34 0.00	13.93 -0.68 -0.27	10.88 -1.02 2.43	6.38 -0.98 4.81	9.07 -1.14 4.05	10.87 -1.23 4.01	9.04 -1.08 4.41	16.26 -1.27 -1.81	18.58 -1.31 -1.50	19.04 -1.23 -0.32	19.96 -0.89 -1.91	22.92 -0.86 -1.94	23.45 -0.91 -1.83	19.05 -0.78 -1.44	13.01 -0.57 -0.43

BLACKRVR_115KV_TB2 79977	6.98 -0.07 -0.23	6.34 -0.05 0.00	5.86 -0.04 0.00	6.84 -0.02 0.00	6.90 -0.01 0.00	10.88 -0.01 0.00	14.00 0.06 0.00	17.41 -0.03 0.00	15.45 -0.23 0.00	14.96 -0.34 0.00	13.94 -0.67 -0.27	10.88 -1.02 2.43	6.38 -0.98 4.81	9.07 -1.14 4.05	10.87 -1.23 4.01	9.04 -1.08 4.41	16.26 -1.27 -1.81	18.58 -1.31 -1.50	19.04 -1.23 -0.32	19.96 -0.89 -1.91	22.92 -0.87 -1.94	23.44 -0.92 -1.83	19.05 -0.78 -1.44	13.01 -0.57 -0.43
BLISS_WT_PWR 323608	7.24 -0.05 -0.46	6.38 -0.01 0.00	5.91 0.01 0.00	6.87 0.01 0.00	6.95 0.04 0.00	11.09 0.21 0.00	14.50 0.57 0.00	18.17 0.73 0.00	16.39 0.71 0.00	15.96 0.65 -0.01	14.90 0.55 0.00	14.76 0.43 0.00	12.62 0.24 -0.20	14.55 0.29 0.00	16.22 0.09 -0.01	14.64 0.11 0.00	15.74 -0.18 -0.20	16.45 -0.23 1.71	14.86 -0.28 4.82	16.13 -0.06 2.76	14.43 -0.11 7.30	14.92 -0.37 7.24	11.81 -0.43 6.16	10.40 -0.22 2.53
BLUE_CIRC_CHEM_DRP 24182	11.38 0.20 -4.35	6.57 0.18 0.00	6.06 0.16 0.00	7.06 0.20 0.00	7.10 0.19 0.00	11.18 0.29 0.00	14.25 0.32 0.00	17.77 0.34 0.00	15.92 0.24 0.00	15.56 0.25 0.00	14.63 0.29 0.00	14.67 0.34 0.00	13.72 0.30 -1.25	14.58 0.31 0.00	16.50 0.38 0.00	14.86 0.33 0.00	17.37 0.39 -1.27	19.68 0.43 -0.86	20.43 0.48 0.00	19.86 0.52 -0.40	23.05 0.61 -0.60	23.13 0.60 0.00	18.90 0.50 0.00	16.72 0.39 -3.16
BOC_GAS_DRP 24189	11.44 0.20 -4.41	6.57 0.17 0.00	6.05 0.15 0.00	7.04 0.18 0.00	7.09 0.18 0.00	11.15 0.26 0.00	14.23 0.30 0.00	17.76 0.32 0.00	15.93 0.24 0.00	15.58 0.27 0.00	14.67 0.33 0.00	14.72 0.38 0.00	13.78 0.35 -1.26	14.64 0.38 0.00	16.56 0.44 0.00	14.92 0.39 0.00	17.42 0.43 -1.29	19.76 0.50 -0.87	20.48 0.52 0.00	19.87 0.53 -0.40	23.06 0.61 -0.61	23.13 0.61 0.00	18.90 0.51 0.00	16.76 0.39 -3.21
BOONVILLE_115KV_TB1 79983	7.02 0.04 -0.14	6.44 0.05 0.00	5.96 0.05 0.00	6.94 0.08 0.00	6.99 0.08 0.00	11.01 0.12 0.00	14.12 0.19 0.00	17.63 0.19 0.00	15.78 0.10 0.00	15.35 0.05 0.00	14.40 -0.09 -0.14	13.28 -0.24 0.81	10.13 -0.26 1.78	12.49 -0.31 1.47	14.35 -0.33 1.44	12.62 -0.30 1.61	16.37 -0.34 -1.00	18.95 -0.31 -0.88	20.09 -0.25 -0.39	19.85 -0.14 -1.05	22.81 -0.11 -1.08	23.44 -0.11 -1.03	19.12 -0.12 -0.84	13.50 -0.09 -0.43
BORALEX_4TH_BRANCH 23824	11.60 0.34 -4.43	6.69 0.30 0.00	6.16 0.26 0.00	7.16 0.30 0.00	7.20 0.29 0.00	11.34 0.46 0.00	14.40 0.46 0.00	17.97 0.53 0.00	16.02 0.34 0.00	15.67 0.37 0.00	14.76 0.42 0.00	14.82 0.48 0.00	13.86 0.42 -1.27	14.68 0.41 0.00	16.60 0.48 0.00	14.87 0.34 0.00	17.45 0.44 -1.29	19.81 0.55 -0.88	20.58 0.62 0.00	20.15 0.81 -0.40	23.42 0.97 -0.61	23.54 1.01 0.00	19.22 0.82 0.00	16.96 0.58 -3.22
BOWLINE___1 23526	10.91 0.49 -3.59	6.83 0.44 0.00	6.30 0.39 0.00	7.31 0.44 0.00	7.35 0.44 0.00	11.58 0.69 0.00	14.86 0.93 0.00	18.57 1.14 0.00	16.67 0.99 0.00	16.33 1.03 0.00	15.43 1.08 0.00	15.52 1.19 0.00	14.26 1.06 -1.04	15.51 1.24 0.00	17.54 1.42 0.00	15.81 1.28 0.00	18.10 1.33 -1.05	20.75 1.64 -0.72	21.64 1.69 0.00	20.78 1.51 -0.33	24.01 1.67 -0.50	24.21 1.68 0.00	19.79 1.39 0.00	16.80 1.02 -2.62
BOWLINE___2 23595	10.91 0.49 -3.59	6.83 0.44 0.00	6.29 0.39 0.00	7.30 0.44 0.00	7.34 0.44 0.00	11.57 0.69 0.00	14.86 0.93 0.00	18.57 1.13 0.00	16.66 0.98 0.00	16.32 1.02 0.00	15.42 1.08 0.00	15.51 1.18 0.00	14.26 1.05 -1.04	15.54 1.27 0.00	17.54 1.42 0.00	15.81 1.28 0.00	18.10 1.33 -1.05	20.75 1.64 -0.72	21.64 1.69 0.00	20.78 1.51 -0.33	24.01 1.67 -0.50	24.21 1.68 0.00	19.79 1.39 0.00	16.80 1.02 -2.62
BRADY___115KV_TB2 356060	6.72 -0.11 0.00	6.31 -0.09 0.00	5.84 -0.07 0.00	6.79 -0.07 0.00	6.83 -0.08 0.00	10.74 -0.15 0.00	13.64 -0.29 0.00	17.08 -0.35 0.00	15.38 -0.30 0.00	14.98 -0.32 0.00	14.52 -0.41 -0.58	0.61 -0.47 13.25	-11.79 -0.42 23.54	-6.50 -0.47 20.30	-4.63 -0.41 20.33	-7.67 -0.39 21.81	19.17 -0.34 -3.80	20.30 -0.41 -2.32	16.98 -0.42 2.56	22.65 -0.40 -4.11	25.34 -0.44 -3.93	25.61 -0.41 -3.49	20.36 -0.28 -2.24	10.73 -0.25 2.17
BRANSCOMB___SOLAR 323811	11.65 0.25 -4.57	6.60 0.21 0.00	6.07 0.17 0.00	7.06 0.20 0.00	7.12 0.21 0.00	11.25 0.36 0.00	14.40 0.47 0.00	17.98 0.55 0.00	16.05 0.37 0.00	15.68 0.37 0.00	14.73 0.39 0.00	14.77 0.44 0.00	13.87 0.39 -1.31	14.68 0.42 0.00	16.60 0.48 0.00	14.97 0.44 0.00	17.62 0.58 -1.33	19.98 0.68 -0.90	20.73 0.77 0.00	20.19 0.83 -0.42	23.48 1.01 -0.63	23.53 1.01 0.00	19.20 0.80 0.00	17.03 0.56 -3.32
BRENTWOD_69_KV_W. BRTWOOD 56703	11.25 0.74 -3.68	7.04 0.65 0.00	6.50 0.59 0.00	7.53 0.67 0.00	7.58 0.67 0.00	11.90 1.01 0.00	15.30 1.36 0.00	19.07 1.64 0.00	17.03 1.34 0.00	16.66 1.36 0.00	15.69 1.34 0.00	15.62 1.29 0.00	14.48 1.25 -1.06	15.78 1.51 0.00	17.95 1.83 0.00	23.66 1.71 -7.42	27.27 1.79 -9.77	27.56 2.16 -7.01	22.16 2.21 0.00	21.07 1.79 -0.34	24.40 2.04 -0.51	24.63 2.10 0.00	20.17 1.77 0.00	17.18 1.35 -2.68
BRISTLHL_115KV_TB1 79998	6.98 -0.20 -0.36	6.21 -0.18 0.00	5.74 -0.16 0.00	6.66 -0.20 0.00	6.72 -0.19 0.00	10.63 -0.26 0.00	13.68 -0.25 0.00	17.14 -0.30 0.00	15.39 -0.29 0.00	14.99 -0.31 0.00	14.05 -0.29 0.00	14.01 -0.32 0.00	11.98 -0.29 -0.10	13.92 -0.34 0.00	15.67 -0.45 0.00	14.14 -0.39 0.00	15.35 -0.46 -0.10	17.95 -0.51 -0.07	19.44 -0.52 0.00	18.52 -0.45 -0.03	21.39 -0.51 -0.05	21.94 -0.59 0.00	17.86 -0.54 0.00	13.06 -0.36 -0.26
BROOKHAVEN___DRP 24191	11.22 0.71 -3.68	7.02 0.62 0.00	6.47 0.56 0.00	7.52 0.66 0.00	7.55 0.64 0.00	11.85 0.96 0.00	15.25 1.32 0.00	18.98 1.55 0.00	16.91 1.23 0.00	16.51 1.21 0.00	15.52 1.18 0.00	15.41 1.07 0.00	14.32 1.09 -1.06	15.61 1.34 0.00	17.77 1.65 0.00	23.50 1.55 -7.42	27.13 1.65 -9.77	27.44 2.04 -7.01	22.04 2.08 0.00	20.92 1.64 -0.34	24.22 1.86 -0.51	24.43 1.90 0.00	19.98 1.58 0.00	17.03 1.19 -2.68
BROOKLYN_NAVY_YARD 23515	11.06 0.55 -3.68	6.89 0.50 0.00	6.34 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.65 0.77 0.00	14.96 1.02 0.00	18.69 1.26 0.00	16.79 1.11 0.00	16.46 1.16 0.00	15.56 1.22 0.00	15.64 1.31 0.00	14.39 1.16 -1.05	15.64 1.38 0.01	17.68 1.58 0.01	15.94 1.42 0.01	18.23 1.45 -1.06	20.88 1.77 -0.72	21.74 1.79 0.01	20.89 1.61 -0.33	24.12 1.77 -0.50	24.34 1.81 0.00	19.95 1.55 0.00	16.99 1.15 -2.68
BROOKLYN___ARMY_DRP 323595	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.37 0.52 0.00	7.42 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.53 1.23 0.00	15.64 1.29 0.00	15.72 1.38 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.04 1.76 -0.34	24.30 1.95 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68

BROOKVLE_69_KV_TB1 55790	11.15 0.64 -3.68	6.97 0.58 0.00	6.42 0.52 0.00	7.45 0.59 0.00	7.49 0.58 0.00	11.78 0.89 0.00	15.13 1.20 0.00	18.89 1.45 0.00	16.94 1.26 0.00	16.62 1.31 0.00	15.70 1.35 0.00	15.71 1.38 0.00	14.51 1.27 -1.06	15.79 1.53 0.00	17.91 1.79 0.00	23.59 1.64 -7.42	27.19 1.71 -9.77	27.48 2.08 -7.01	22.07 2.11 0.00	21.11 1.83 -0.34	24.40 2.05 -0.51	24.61 2.08 0.00	20.11 1.71 0.00	17.10 1.26 -2.68
BROOME_2_LFGE 323671	8.24 0.08 -1.33	6.46 0.07 0.00	5.98 0.08 0.00	6.94 0.08 0.00	7.00 0.09 0.00	11.04 0.16 0.00	14.23 0.30 0.00	17.85 0.41 0.00	16.05 0.38 0.00	15.65 0.35 0.00	14.65 0.30 0.00	14.62 0.29 0.00	12.72 0.22 -0.33	14.53 0.27 0.00	16.36 0.24 0.00	14.80 0.28 0.00	16.23 0.18 -0.34	15.84 0.27 2.82	20.27 0.31 0.00	19.34 0.29 -0.10	22.32 0.32 -0.16	22.80 0.28 0.00	18.62 0.21 -0.02	14.19 0.20 -0.84
BROOME__LFGE 323600	8.24 0.08 -1.33	6.46 0.07 0.00	5.98 0.08 0.00	6.94 0.08 0.00	7.00 0.09 0.00	11.04 0.16 0.00	14.23 0.30 0.00	17.85 0.41 0.00	16.05 0.38 0.00	15.65 0.35 0.00	14.65 0.30 0.00	14.62 0.29 0.00	12.72 0.22 -0.33	14.53 0.27 0.00	16.36 0.24 0.00	14.80 0.28 0.00	16.23 0.18 -0.34	15.84 0.27 2.82	20.27 0.31 0.00	19.34 0.29 -0.10	22.32 0.32 -0.16	22.80 0.28 0.00	18.62 0.21 -0.02	14.19 0.20 -0.84
BROWNFLS_115KV_TB_3_5 80003	6.76 -0.18 -0.12	6.24 -0.15 0.00	5.78 -0.13 0.00	6.73 -0.13 0.00	6.78 -0.13 0.00	10.66 -0.23 0.00	13.59 -0.35 0.00	16.96 -0.47 0.00	15.18 -0.50 0.00	14.75 -0.56 0.00	14.27 -0.76 -0.68	6.61 -0.96 6.77	-2.04 -0.88 13.33	2.08 -1.02 11.16	3.97 -1.07 11.07	1.45 -0.97 12.12	19.17 -1.04 -4.49	20.91 -1.14 -3.67	19.39 -1.15 -0.58	22.79 -0.99 -4.84	25.65 -1.08 -4.88	26.12 -1.03 -4.63	21.23 -0.77 -3.60	13.14 -0.58 -0.56
BROWNSV1_27_KV_LOAD 356125	11.13 0.62 -3.68	6.95 0.55 0.00	6.40 0.49 0.00	7.41 0.56 0.00	7.46 0.55 0.00	11.75 0.86 0.00	15.10 1.17 0.00	18.88 1.45 0.00	16.97 1.29 0.00	16.64 1.34 0.00	15.74 1.39 0.00	15.82 1.49 0.00	14.55 1.31 -1.06	15.83 1.56 0.00	17.90 1.78 0.00	16.13 1.60 0.00	18.44 1.65 -1.07	21.13 2.01 -0.73	22.01 2.05 0.00	21.14 1.86 -0.34	24.41 2.05 -0.51	24.62 2.09 0.00	20.15 1.75 0.00	17.12 1.28 -2.68
BURROWS__LYONSDAL 23803	6.99 0.01 -0.15	6.41 0.02 0.00	5.94 0.03 0.00	6.92 0.06 0.00	6.97 0.06 0.00	10.97 0.08 0.00	14.06 0.13 0.00	17.55 0.11 0.00	15.68 0.00 0.00	15.25 -0.05 0.00	14.30 -0.23 -0.19	12.56 -0.43 1.34	8.93 -0.44 2.81	11.41 -0.52 2.33	13.25 -0.57 2.30	11.48 -0.50 2.55	16.44 -0.57 -1.30	18.94 -0.56 -1.12	19.84 -0.51 -0.40	19.95 -0.37 -1.37	22.88 -0.37 -1.41	23.50 -0.36 -1.34	19.17 -0.30 -1.08	13.37 -0.22 -0.44
CAITHNESS_CC_1 323624	11.22 0.71 -3.68	7.02 0.63 0.00	6.47 0.57 0.00	7.52 0.66 0.00	7.55 0.65 0.00	11.86 0.98 0.00	15.26 1.32 0.00	19.00 1.56 0.00	16.93 1.26 0.00	16.53 1.23 0.00	15.55 1.21 0.00	15.44 1.10 0.00	14.34 1.11 -1.06	15.63 1.37 0.00	17.79 1.68 0.00	23.52 1.57 -7.42	27.15 1.67 -9.77	27.45 2.05 -7.01	22.05 2.09 0.00	20.92 1.65 -0.34	24.22 1.87 -0.51	24.45 1.92 0.00	19.99 1.59 0.00	17.04 1.20 -2.68
CALPINE BETH_PAGE_GT4 24209	11.17 0.65 -3.68	6.98 0.58 0.00	6.43 0.53 0.00	7.46 0.60 0.00	7.50 0.59 0.00	11.78 0.89 0.00	15.14 1.21 0.00	18.88 1.45 0.00	16.91 1.23 0.00	16.56 1.26 0.00	15.62 1.27 0.00	15.59 1.26 0.00	14.44 1.20 -1.06	15.71 1.44 0.00	17.85 1.74 0.00	23.56 1.61 -7.42	27.11 1.63 -9.77	27.37 1.98 -7.01	21.96 2.00 0.00	20.94 1.66 -0.34	24.22 1.87 -0.51	24.45 1.92 0.00	20.06 1.67 0.00	17.09 1.25 -2.68
CALPINE_BETH_PAGE_GT_4 323586	11.17 0.66 -3.68	6.98 0.58 0.00	6.43 0.53 0.00	7.46 0.60 0.00	7.50 0.59 0.00	11.78 0.90 0.00	15.14 1.21 0.00	18.89 1.45 0.00	16.91 1.23 0.00	16.56 1.26 0.00	15.62 1.27 0.00	15.59 1.26 0.00	14.44 1.20 -1.06	15.71 1.45 0.00	17.85 1.74 0.00	23.56 1.61 -7.42	27.11 1.63 -9.77	27.37 1.97 -7.01	21.96 2.00 0.00	20.94 1.66 -0.34	24.22 1.87 -0.51	24.46 1.94 0.00	20.06 1.66 0.00	17.09 1.25 -2.68
CALPINE_BP_GT1 23823	11.17 0.66 -3.68	6.98 0.58 0.00	6.43 0.53 0.00	7.46 0.60 0.00	7.50 0.59 0.00	11.78 0.90 0.00	15.14 1.21 0.00	18.89 1.45 0.00	16.91 1.23 0.00	16.56 1.26 0.00	15.62 1.27 0.00	15.59 1.26 0.00	14.44 1.20 -1.06	15.71 1.45 0.00	17.85 1.74 0.00	23.56 1.61 -7.42	27.11 1.63 -9.77	27.37 1.97 -7.01	21.96 2.00 0.00	20.94 1.66 -0.34	24.22 1.87 -0.51	24.46 1.94 0.00	20.06 1.66 0.00	17.09 1.25 -2.68
CALSPAN__DRP 24200	6.89 -0.28 -0.34	6.18 -0.22 0.00	5.72 -0.18 0.00	6.62 -0.24 0.00	6.67 -0.24 0.00	10.63 -0.26 0.00	13.76 -0.18 0.00	17.37 -0.07 0.00	15.81 0.13 0.00	15.41 0.10 -0.01	14.42 0.08 0.00	14.28 -0.05 0.00	12.24 -0.12 -0.18	14.13 -0.13 0.00	15.74 -0.39 -0.01	14.22 -0.31 0.00	15.37 -0.54 -0.19	9.91 0.60 7.88	11.50 -0.63 7.82	13.91 -0.51 4.52	9.39 -0.54 11.92	10.11 -0.66 11.75	7.80 -0.60 10.00	8.46 -0.27 4.43
CALVERTON__SOLAR 323806	11.22 0.71 -3.68	7.02 0.62 0.00	6.47 0.57 0.00	7.52 0.67 0.00	7.55 0.64 0.00	11.86 0.98 0.00	15.27 1.33 0.00	19.00 1.56 0.00	16.92 1.24 0.00	16.51 1.21 0.00	15.52 1.18 0.00	15.40 1.07 0.00	14.31 1.09 -1.06	15.60 1.34 0.00	17.76 1.65 0.00	23.50 1.54 -7.42	27.13 1.66 -9.77	27.46 2.06 -7.01	22.07 2.12 0.00	20.95 1.67 -0.34	24.25 1.90 -0.51	24.48 1.95 0.00	20.00 1.60 0.00	17.04 1.20 -2.68
CANDIGU_WT_PWR 323617	8.05 -0.03 -1.25	6.36 -0.03 0.00	5.91 0.00 0.00	6.86 0.00 0.00	6.93 0.02 0.00	10.97 0.08 0.00	14.07 0.14 0.00	17.69 0.26 0.00	16.09 0.41 0.00	15.71 0.41 0.00	14.67 0.32 0.00	14.57 0.24 0.00	12.53 0.12 -0.23	14.40 0.13 0.00	16.09 -0.03 0.00	14.56 0.03 0.00	15.73 -0.22 -0.24	-22.27 -0.23 40.43	-21.57 -0.22 41.31	-5.33 -0.20 24.07	-41.74 -0.28 63.31	-39.98 -0.48 62.03	-34.87 -0.49 52.78	-11.89 -0.30 24.75
CARR STREET_E__SYR 24060	7.09 -0.13 -0.38	6.27 -0.12 0.00	5.80 -0.11 0.00	6.73 -0.13 0.00	6.79 -0.12 0.00	10.73 -0.16 0.00	13.82 -0.11 0.00	17.32 -0.12 0.00	15.56 -0.12 0.00	15.17 -0.14 0.00	14.21 -0.13 0.00	14.18 -0.16 0.00	12.14 -0.15 -0.11	14.09 -0.17 0.00	15.88 -0.24 0.00	14.33 -0.19 0.00	15.56 -0.27 -0.11	18.19 -0.28 -0.08	19.68 -0.27 0.00	18.75 -0.23 -0.03	21.64 -0.26 -0.05	22.19 -0.34 0.00	18.07 -0.33 0.00	13.23 -0.21 -0.28
CARTHAGE__PAPER 23857	6.99 -0.05 -0.20	6.36 -0.03 0.00	5.89 -0.01 0.00	6.88 0.02 0.00	6.93 0.02 0.00	10.91 0.02 0.00	14.00 0.07 0.00	17.42 -0.02 0.00	15.48 -0.20 0.00	14.99 -0.32 0.00	14.02 -0.64 -0.31	10.52 -0.96 2.85	5.58 -0.94 5.66	8.43 -1.08 4.75	10.26 -1.15 4.71	8.35 -1.01 5.17	16.63 -1.18 -2.10	18.91 -1.21 -1.73	19.19 -1.13 -0.36	20.33 -0.83 -2.22	23.28 -0.82 -2.26	23.84 -0.82 -2.13	19.39 -0.68 -1.67	13.10 -0.51 -0.44

CASSADAGA_WT_PWR 323784	7.21 -0.06 -0.44	6.38 -0.01 0.00	5.92 0.01 0.00	6.87 0.01 0.00	6.95 0.04 0.00	11.08 0.19 0.00	14.46 0.53 0.00	18.21 0.77 0.00	16.46 0.78 0.00	16.04 0.73 -0.01	14.99 0.65 0.00	14.86 0.53 0.00	12.73 0.37 -0.19	14.70 0.43 0.00	16.36 0.23 -0.01	14.78 0.25 0.00	15.78 -0.13 -0.20	15.38 -0.10 2.91	14.11 -0.10 5.75	15.58 -0.06 3.30	12.92 -0.18 8.74	13.30 -0.58 8.65	10.40 -0.63 7.37	9.75 -0.27 3.14
CE_DUNWOOD___DRP 24194	11.02 0.52 -3.68	6.86 0.46 0.00	6.32 0.41 0.00	7.33 0.47 0.00	7.37 0.46 0.00	11.61 0.72 0.00	14.90 0.97 0.00	18.61 1.18 0.00	16.71 1.03 0.00	16.38 1.08 0.00	15.48 1.13 0.00	15.56 1.23 0.00	14.32 1.09 -1.06	15.55 1.29 0.00	17.58 1.47 0.00	15.86 1.33 0.00	18.16 1.38 -1.07	20.81 1.69 -0.73	21.68 1.72 0.00	20.83 1.56 -0.34	24.08 1.72 -0.51	24.27 1.74 0.00	19.84 1.44 0.00	16.90 1.06 -2.68
CE_MILLWOOD___DRP 24193	11.00 0.51 -3.67	6.84 0.45 0.00	6.30 0.40 0.00	7.31 0.46 0.00	7.35 0.45 0.00	11.59 0.71 0.00	14.88 0.94 0.00	18.58 1.15 0.00	16.68 1.00 0.00	16.34 1.05 0.00	15.44 1.10 0.00	15.53 1.19 0.00	14.29 1.06 -1.05	15.52 1.25 0.00	17.55 1.43 0.00	15.82 1.29 0.00	18.13 1.34 -1.07	20.77 1.65 -0.73	21.64 1.69 0.00	20.80 1.53 -0.33	24.04 1.68 -0.51	24.24 1.71 0.00	19.81 1.41 0.00	16.87 1.04 -2.67
CE_NYC2_DRP 24202	11.07 0.56 -3.68	6.90 0.51 0.00	6.35 0.45 0.00	7.37 0.51 0.00	7.41 0.50 0.00	11.66 0.78 0.00	14.98 1.05 0.00	18.73 1.29 0.00	16.83 1.15 0.00	16.50 1.20 0.00	15.61 1.26 0.00	15.69 1.35 0.00	14.44 1.20 -1.06	15.69 1.43 0.00	17.75 1.63 0.00	16.00 1.47 0.00	18.29 1.51 -1.07	20.95 1.83 -0.73	21.82 1.86 0.00	20.96 1.68 -0.34	24.19 1.84 -0.51	24.40 1.87 0.00	19.97 1.57 0.00	17.01 1.17 -2.68
CE_NYC_DRP 24195	11.07 0.56 -3.68	6.90 0.51 0.00	6.35 0.45 0.00	7.37 0.51 0.00	7.41 0.50 0.00	11.67 0.78 0.00	14.98 1.05 0.00	18.72 1.28 0.00	16.82 1.14 0.00	16.50 1.19 0.00	15.60 1.26 0.00	15.69 1.35 0.00	14.43 1.20 -1.06	15.69 1.43 0.00	17.74 1.62 0.00	15.99 1.47 0.00	18.29 1.50 -1.07	20.95 1.83 -0.73	21.81 1.85 0.00	20.95 1.67 -0.34	24.18 1.83 -0.51	24.40 1.87 0.00	19.96 1.56 0.00	17.00 1.16 -2.68
CHAFFEE___LFGE 323603	7.02 -0.21 -0.40	6.24 -0.15 0.00	5.78 -0.12 0.00	6.69 -0.17 0.00	6.75 -0.16 0.00	10.76 -0.13 0.00	13.98 0.05 0.00	17.57 0.13 0.00	15.92 0.24 0.00	15.51 0.20 -0.01	14.50 0.16 0.00	14.37 0.04 0.00	12.32 -0.05 -0.19	14.22 -0.05 0.00	15.85 -0.28 -0.01	14.33 -0.20 0.00	15.46 -0.45 -0.20	14.46 -0.46 3.47	13.14 -0.51 6.31	14.93 -0.38 3.63	11.86 -0.39 9.60	12.52 -0.52 9.49	9.85 -0.49 8.07	9.47 -0.21 3.48
CHATEAUG_35_KV_LOAD 355732	6.68 -0.15 0.00	6.31 -0.08 0.00	5.84 -0.06 0.00	6.82 -0.04 0.00	6.81 -0.09 0.00	10.78 -0.11 0.00	13.78 -0.15 0.00	17.17 -0.27 0.00	15.42 -0.26 0.00	14.92 -0.39 0.00	7.69 -0.77 5.88	-19.01 -0.89 32.46	-20.93 -0.77 32.33	-21.34 -0.91 34.70	-21.60 -0.91 36.81	-21.25 -0.83 34.94	-23.64 -0.83 38.53	-23.66 -0.99 41.06	-23.29 -1.04 42.21	-23.81 -1.06 41.70	-23.96 -1.22 44.59	-23.98 -1.18 45.33	-23.61 -0.93 41.08	-22.91 -0.71 35.37
CHATEAUG_WT_PWR 323614	6.68 -0.15 0.00	6.31 -0.08 0.00	5.85 -0.05 0.00	6.82 -0.04 0.00	6.82 -0.09 0.00	10.79 -0.10 0.00	13.81 -0.13 0.00	17.20 -0.24 0.00	15.43 -0.25 0.00	14.93 -0.38 0.00	8.08 -0.79 5.48	-18.26 -0.93 31.66	-21.06 -0.81 32.42	-21.05 -0.95 34.37	-21.21 -0.97 36.36	-21.09 -0.89 34.73	-21.11 -0.90 35.92	-21.10 -1.06 38.43	-21.09 -1.13 39.92	-21.06 -1.13 38.87	-21.08 -1.32 41.61	-21.10 -1.29 42.34	-21.06 -1.01 38.45	-21.06 -0.77 33.45
CHAT_HIGH_FALL_HYD 323578	6.68 -0.15 0.00	6.30 -0.09 0.00	5.84 -0.06 0.00	6.82 -0.04 0.00	6.81 -0.10 0.00	10.78 -0.11 0.00	13.78 -0.15 0.00	17.17 -0.27 0.00	15.42 -0.26 0.00	14.92 -0.39 0.00	7.69 -0.77 5.88	-19.02 -0.89 32.46	-20.93 -0.77 32.33	-21.34 -0.91 34.70	-21.60 -0.91 36.81	-21.25 -0.84 34.94	-23.65 -0.83 38.53	-23.67 -0.99 41.06	-23.30 -1.04 42.21	-23.82 -1.06 41.70	-23.97 -1.22 44.59	-23.98 -1.18 45.33	-23.61 -0.93 41.08	-22.91 -0.71 35.37
CHAUTAUQUA___LFGE 323629	6.98 -0.22 -0.37	6.23 -0.16 0.00	5.77 -0.13 0.00	6.68 -0.18 0.00	6.74 -0.17 0.00	10.75 -0.14 0.00	13.96 0.02 0.00	17.57 0.12 0.00	15.94 0.25 0.00	15.53 0.22 -0.01	14.53 0.18 0.00	14.39 0.05 0.00	12.34 -0.02 -0.19	14.24 -0.03 0.00	15.85 -0.28 -0.01	14.33 -0.20 0.00	15.49 -0.42 -0.20	13.53 -0.44 4.42	12.39 -0.48 7.09	14.46 -0.39 4.09	10.60 -0.45 10.79	11.19 -0.69 10.65	8.67 -0.64 9.08	8.87 -0.31 3.98
CHERRYST_13_KV_LD 356241	11.09 0.58 -3.68	6.91 0.52 0.00	6.37 0.47 0.00	7.39 0.53 0.00	7.43 0.52 0.00	11.70 0.82 0.00	15.03 1.09 0.00	18.78 1.34 0.00	16.87 1.19 0.00	16.55 1.25 0.00	15.65 1.31 0.00	15.74 1.41 0.00	14.48 1.25 -1.06	15.74 1.48 0.00	17.80 1.69 0.00	16.05 1.52 0.00	18.35 1.56 -1.07	21.02 1.90 -0.73	21.87 1.91 0.00	21.00 1.72 -0.34	24.24 1.89 -0.51	24.46 1.93 0.00	20.01 1.61 0.00	17.03 1.19 -2.68
CHESTROR_138KV_BK263 355645	10.70 0.45 -3.42	6.79 0.40 0.00	6.26 0.35 0.00	7.26 0.40 0.00	7.31 0.40 0.00	11.53 0.64 0.00	14.80 0.86 0.00	18.50 1.07 0.00	16.60 0.92 0.00	16.23 0.93 0.00	15.30 0.96 0.00	15.36 1.03 0.00	14.05 0.90 -0.97	15.33 1.06 0.00	17.33 1.22 0.00	15.64 1.11 0.00	17.87 1.17 -0.99	20.52 1.46 -0.67	21.49 1.53 0.00	20.67 1.41 -0.31	23.90 1.59 -0.47	24.13 1.60 0.00	19.70 1.30 0.00	16.57 0.95 -2.47
CH_MIDHUDSON___DRP 24192	11.03 0.48 -3.72	6.82 0.43 0.00	6.29 0.38 0.00	7.29 0.44 0.00	7.34 0.43 0.00	11.57 0.68 0.00	14.84 0.90 0.00	18.51 1.08 0.00	16.61 0.93 0.00	16.26 0.96 0.00	15.36 1.01 0.00	15.43 1.10 0.00	14.21 0.97 -1.06	15.40 1.14 0.00	17.41 1.29 0.00	15.71 1.18 0.00	18.04 1.25 -1.08	20.67 1.55 -0.74	21.55 1.59 0.00	20.75 1.47 -0.34	23.99 1.64 -0.51	24.18 1.65 0.00	19.75 1.35 0.00	16.84 0.98 -2.70
CH_MISC_IPPS 23765	11.03 0.53 -3.67	6.87 0.47 0.00	6.33 0.42 0.00	7.34 0.48 0.00	7.38 0.48 0.00	11.65 0.76 0.00	14.95 1.02 0.00	18.66 1.22 0.00	16.74 1.06 0.00	16.39 1.09 0.00	15.47 1.13 0.00	15.53 1.20 0.00	14.28 1.06 -1.05	15.52 1.25 0.00	17.54 1.42 0.00	15.83 1.30 0.00	18.16 1.38 -1.06	20.83 1.72 -0.72	21.75 1.79 0.00	20.92 1.65 -0.33	24.18 1.83 -0.50	24.37 1.84 0.00	19.90 1.50 0.00	16.90 1.09 -2.65
CH_RES_BVR_FALLS 23983	6.71 -0.12 0.00	6.29 -0.10 0.00	5.81 -0.09 0.00	6.77 -0.09 0.00	6.81 -0.10 0.00	10.70 -0.19 0.00	13.65 -0.29 0.00	17.07 -0.36 0.00	15.40 -0.28 0.00	15.00 -0.30 0.00	13.91 -0.43 0.00	-17.34 -0.54 31.14	-38.89 -0.46 50.61	-31.22 -0.58 44.91	-30.01 -0.77 45.36	-38.81 -0.66 52.67	-16.33 -0.78 31.26	-38.70 -0.93 56.15	-38.68 -1.01 57.63	-38.69 -0.97 56.67	-38.65 -1.12 59.38	-38.64 -1.14 60.03	-38.70 -0.92 56.19	-38.79 -0.67 51.27

CH_RES_NIAGARA 23895	6.57 -0.54 -0.28	5.93 -0.46 0.00	5.49 -0.41 0.00	6.34 -0.52 0.00	6.39 -0.52 0.00	10.17 -0.72 0.00	13.16 -0.78 0.00	16.59 -0.84 0.00	15.15 -0.53 0.00	14.76 -0.55 0.00	13.83 -0.51 0.00	13.68 -0.65 0.00	11.75 -0.60 -0.17	13.56 -0.70 0.00	15.07 -1.05 0.00	13.65 -0.88 0.00	14.72 -1.16 -0.17	13.41 -1.29 3.69	12.49 -1.43 6.04	14.20 -1.26 3.48	11.40 -1.25 9.20	12.07 -1.38 9.08	9.68 -1.16 7.56	9.21 -0.65 3.31
CH_RES_SYRACUSE 23985	7.37 -0.08 -0.63	6.31 -0.08 0.00	5.83 -0.07 0.00	6.77 -0.09 0.00	6.83 -0.08 0.00	10.80 -0.09 0.00	13.92 -0.02 0.00	17.43 -0.01 0.00	15.63 -0.05 0.00	15.23 -0.07 0.00	14.27 -0.08 0.00	14.23 -0.10 0.00	12.19 -0.11 -0.12	14.15 -0.11 0.00	15.94 -0.18 0.00	14.38 -0.15 0.00	15.63 -0.21 -0.12	18.27 -0.20 -0.08	19.77 -0.18 0.00	18.83 -0.15 -0.04	21.74 -0.16 -0.06	22.29 -0.24 0.00	18.15 -0.25 0.00	13.31 -0.16 -0.31
CLINTON_WT_PWR 323605	6.68 -0.15 0.00	6.31 -0.08 0.00	5.85 -0.05 0.00	6.82 -0.04 0.00	6.82 -0.09 0.00	10.79 -0.10 0.00	13.81 -0.13 0.00	17.20 -0.24 0.00	15.43 -0.25 0.00	14.93 -0.38 0.00	8.08 -0.79 5.48	-18.26 -0.93 31.66	-21.06 -0.81 32.42	-21.05 -0.95 34.37	-21.21 -0.97 36.36	-21.09 -0.89 34.73	-21.11 -0.90 35.92	-21.10 -1.06 38.43	-21.09 -1.13 39.92	-21.06 -1.13 38.87	-21.08 -1.32 41.61	-21.10 -1.29 42.34	-21.06 -1.01 38.45	-21.06 -0.77 33.45
CLINTON___LFGE 323618	6.75 -0.08 0.00	6.37 -0.03 0.00	5.90 0.00 0.00	6.89 0.03 0.00	6.89 -0.02 0.00	10.91 0.02 0.00	13.99 0.06 0.00	17.41 -0.03 0.00	15.59 -0.09 0.00	15.08 -0.22 0.00	8.14 -0.62 5.59	-18.26 -0.73 31.87	-20.87 -0.64 32.40	-20.96 -0.77 34.46	-21.15 -0.79 36.48	-20.96 -0.70 34.79	-21.61 -0.72 36.60	-21.53 -0.80 39.12	-21.41 -0.84 40.52	-21.53 -0.86 39.61	-21.55 -1.00 42.39	-21.58 -0.98 43.12	-21.52 -0.78 39.14	-21.39 -0.60 33.95
COBBLENY_34_KV_TB1 80064	7.02 -0.21 -0.40	6.24 -0.15 0.00	5.78 -0.12 0.00	6.69 -0.17 0.00	6.75 -0.16 0.00	10.76 -0.13 0.00	13.98 0.04 0.00	17.57 0.13 0.00	15.92 0.24 0.00	15.50 0.20 -0.01	14.50 0.16 0.00	14.37 0.03 0.00	12.31 -0.06 -0.19	14.21 -0.05 0.00	15.83 -0.30 -0.01	14.31 -0.22 0.00	15.45 -0.46 -0.20	11.56 -0.51 6.33	13.12 -0.53 6.31	14.91 -0.40 3.63	11.82 -0.42 9.60	12.50 -0.54 9.49	9.82 -0.50 8.07	9.47 -0.21 3.48
COFFEEN___115KV_TB3 355620	7.02 -0.04 -0.23	6.37 -0.03 0.00	5.89 -0.02 0.00	6.87 0.01 0.00	6.93 0.02 0.00	10.93 0.05 0.00	14.08 0.15 0.00	17.50 0.06 0.00	15.50 -0.18 0.00	14.99 -0.31 0.00	13.94 -0.66 -0.26	10.98 -1.00 2.35	6.56 -0.96 4.66	9.22 -1.11 3.93	11.04 -1.19 3.89	9.21 -1.05 4.27	16.24 -1.24 -1.77	18.60 -1.25 -1.46	19.13 -1.15 -0.31	20.02 -0.78 -1.86	23.05 -0.68 -1.89	23.55 -0.75 -1.77	19.13 -0.66 -1.40	13.09 -0.49 -0.42
COLDSPRG_115KV_BK1 355956	7.47 0.13 -0.52	6.55 0.16 0.00	6.06 0.16 0.00	7.04 0.18 0.00	7.13 0.22 0.00	11.41 0.52 0.00	14.97 1.04 0.00	18.81 1.37 0.00	16.93 1.25 0.00	16.50 1.19 -0.01	15.39 1.05 0.00	15.28 0.95 0.00	13.07 0.70 -0.20	15.12 0.86 0.00	16.84 0.71 -0.01	15.22 0.69 0.00	16.19 0.27 -0.21	15.17 0.37 3.59	16.71 0.40 3.65	17.27 0.40 2.07	16.77 0.43 5.50	17.32 0.27 5.48	13.86 0.13 4.67	11.60 0.26 1.81
COLONIE_LFGE___ 323577	11.58 0.25 -4.50	6.61 0.21 0.00	6.09 0.18 0.00	7.08 0.22 0.00	7.13 0.22 0.00	11.23 0.35 0.00	14.33 0.40 0.00	17.88 0.45 0.00	16.00 0.32 0.00	15.64 0.34 0.00	14.73 0.38 0.00	14.78 0.45 0.00	13.86 0.40 -1.29	14.69 0.42 0.00	16.61 0.49 0.00	14.93 0.40 0.00	17.52 0.50 -1.31	19.86 0.58 -0.89	20.60 0.64 0.00	20.05 0.70 -0.41	23.28 0.82 -0.62	23.36 0.84 0.00	19.08 0.68 0.00	16.92 0.49 -3.27
COOPERNY_115KV_TB1 80082	9.60 0.29 -2.48	6.65 0.26 0.00	6.13 0.23 0.00	7.12 0.26 0.00	7.17 0.26 0.00	11.30 0.42 0.00	14.50 0.57 0.00	18.12 0.68 0.00	16.27 0.59 0.00	15.90 0.59 0.00	14.96 0.61 0.00	14.98 0.65 0.00	13.44 0.56 -0.71	14.93 0.67 0.00	16.87 0.75 0.00	15.21 0.68 0.00	17.14 0.71 -0.72	19.76 0.89 -0.49	20.90 0.94 0.00	20.03 0.86 -0.22	23.15 0.97 -0.34	23.50 0.97 0.00	19.19 0.79 0.00	15.53 0.58 -1.79
COPENHAGEN_WT_PWR 323753	6.96 -0.11 -0.24	6.30 -0.09 0.00	5.83 -0.07 0.00	6.81 -0.05 0.00	6.87 -0.04 0.00	10.82 -0.07 0.00	13.93 0.00 0.00	17.33 -0.11 0.00	15.39 -0.29 0.00	14.92 -0.38 0.00	13.86 -0.73 -0.24	11.01 -1.11 2.22	6.72 -1.06 4.39	9.32 -1.24 3.71	11.09 -1.35 3.67	9.30 -1.20 4.03	16.00 -1.39 -1.68	18.31 -1.47 -1.38	18.85 -1.41 -0.30	19.61 -1.10 -1.76	22.53 -1.11 -1.79	23.05 -1.16 -1.68	18.73 -0.98 -1.32	12.86 -0.72 -0.42
CORNELL___ 23752	8.12 0.10 -1.20	6.48 0.08 0.00	5.99 0.09 0.00	6.96 0.10 0.00	7.01 0.11 0.00	11.11 0.22 0.00	14.36 0.42 0.00	17.97 0.54 0.00	16.07 0.39 0.00	15.60 0.30 0.00	14.55 0.21 0.00	14.49 0.16 0.00	12.52 0.11 -0.24	14.40 0.13 0.00	16.21 0.09 0.00	14.65 0.12 0.00	16.02 0.07 -0.24	21.25 0.17 -2.69	22.73 0.30 -2.47	20.83 0.37 -1.53	26.20 0.44 -3.92	26.61 0.36 -3.72	21.79 0.22 -3.17	15.45 0.18 -2.11
CORONA_AV_69_KV_TB1 355595	11.17 0.65 -3.68	6.98 0.59 0.00	6.44 0.54 0.00	7.47 0.61 0.00	7.51 0.60 0.00	11.78 0.90 0.00	15.14 1.21 0.00	18.88 1.44 0.00	16.92 1.24 0.00	16.59 1.29 0.00	15.67 1.32 0.00	15.66 1.33 0.00	14.48 1.25 -1.06	15.76 1.50 0.00	17.90 1.78 0.00	23.59 1.63 -7.42	27.18 1.70 -9.77	27.42 2.02 -7.01	22.02 2.07 0.00	21.02 1.75 -0.34	24.34 1.98 -0.51	24.59 2.06 0.00	20.08 1.68 0.00	17.10 1.26 -2.68
CORTLAND_115KV_TB3 80093	7.73 0.05 -0.85	6.43 0.04 0.00	5.95 0.05 0.00	6.91 0.05 0.00	6.97 0.06 0.00	11.01 0.12 0.00	14.19 0.26 0.00	17.77 0.34 0.00	15.94 0.26 0.00	15.50 0.19 0.00	14.50 0.15 0.00	14.45 0.12 0.00	12.44 0.08 -0.19	14.37 0.10 0.00	16.18 0.06 0.00	14.62 0.09 0.00	15.94 0.03 -0.20	18.62 0.10 -0.13	20.14 0.18 0.00	19.22 0.22 -0.06	22.21 0.27 -0.09	22.73 0.20 0.00	18.52 0.12 -0.01	13.76 0.11 -0.49
COXSACKIE___GT 23611	11.37 0.35 -4.18	6.72 0.33 0.00	6.19 0.28 0.00	7.21 0.35 0.00	7.26 0.35 0.00	11.47 0.59 0.00	14.63 0.70 0.00	18.22 0.79 0.00	16.21 0.53 0.00	15.71 0.40 0.00	14.74 0.40 0.00	14.73 0.40 0.00	13.71 0.34 -1.20	14.64 0.37 0.00	16.58 0.46 0.00	14.94 0.42 0.00	17.44 0.51 -1.22	19.62 0.40 -0.83	20.88 0.92 0.00	20.40 1.08 -0.38	23.79 1.37 -0.57	23.89 1.36 0.00	19.44 1.05 0.00	16.96 0.76 -3.04
CPV_VALLEY___CC1 323721	10.74 0.46 -3.45	6.80 0.40 0.00	6.26 0.36 0.00	7.27 0.41 0.00	7.31 0.40 0.00	11.53 0.64 0.00	14.79 0.86 0.00	18.44 1.01 0.00	16.55 0.87 0.00	16.20 0.90 0.00	15.29 0.95 0.00	15.36 1.03 0.00	14.07 0.91 -0.98	15.34 1.08 0.00	17.34 1.22 0.00	15.64 1.11 0.00	17.87 1.16 -1.00	20.50 1.43 -0.68	21.43 1.48 0.00	20.60 1.34 -0.31	23.80 1.49 -0.47	24.03 1.51 0.00	19.64 1.24 0.00	16.55 0.91 -2.49

CPV_VALLEY___CC2 323722	10.74 0.46 -3.45	6.80 0.40 0.00	6.26 0.36 0.00	7.27 0.41 0.00	7.31 0.40 0.00	11.53 0.64 0.00	14.79 0.86 0.00	18.44 1.01 0.00	16.55 0.87 0.00	16.20 0.90 0.00	15.29 0.95 0.00	15.36 1.03 0.00	14.07 0.91 -0.98	15.34 1.08 0.00	17.34 1.22 0.00	15.64 1.11 0.00	17.87 1.16 -1.00	20.50 1.43 -0.68	21.43 1.48 0.00	20.60 1.34 -0.31	23.80 1.49 -0.47	24.03 1.51 0.00	19.64 1.24 0.00	16.55 0.91 -2.49
CRESCENT___HYD 24018	11.58 0.25 -4.50	6.61 0.21 0.00	6.09 0.18 0.00	7.08 0.22 0.00	7.13 0.22 0.00	11.23 0.35 0.00	14.33 0.40 0.00	17.88 0.45 0.00	16.00 0.32 0.00	15.64 0.34 0.00	14.73 0.38 0.00	14.78 0.45 0.00	13.86 0.40 -1.29	14.69 0.42 0.00	16.61 0.49 0.00	14.93 0.40 0.00	17.52 0.50 -1.31	19.86 0.58 -0.89	20.60 0.64 0.00	20.05 0.70 -0.41	23.28 0.82 -0.62	23.36 0.84 0.00	19.08 0.68 0.00	16.92 0.49 -3.27
CRICKET___VALLEY_CC1 323756	11.08 0.40 -3.86	6.74 0.35 0.00	6.21 0.31 0.00	7.21 0.35 0.00	7.25 0.34 0.00	11.43 0.54 0.00	14.63 0.70 0.00	18.22 0.78 0.00	16.34 0.66 0.00	16.03 0.72 0.00	15.15 0.81 0.00	15.23 0.90 0.00	14.08 0.80 -1.10	15.18 0.92 0.00	17.15 1.03 0.00	15.48 0.96 0.00	17.84 1.01 -1.12	20.39 1.24 -0.76	21.23 1.27 0.00	20.48 1.19 -0.35	23.69 1.31 -0.53	23.85 1.32 0.00	19.49 1.09 0.00	16.76 0.81 -2.79
CRICKET___VALLEY_CC2 323757	11.08 0.40 -3.86	6.74 0.35 0.00	6.21 0.31 0.00	7.21 0.35 0.00	7.25 0.34 0.00	11.43 0.54 0.00	14.63 0.70 0.00	18.22 0.78 0.00	16.34 0.66 0.00	16.03 0.72 0.00	15.15 0.81 0.00	15.23 0.90 0.00	14.08 0.80 -1.10	15.18 0.92 0.00	17.15 1.03 0.00	15.48 0.96 0.00	17.84 1.01 -1.12	20.39 1.24 -0.76	21.23 1.27 0.00	20.48 1.19 -0.35	23.69 1.31 -0.53	23.85 1.32 0.00	19.49 1.09 0.00	16.76 0.81 -2.79
CRICKET___VALLEY_CC3 323758	11.08 0.40 -3.86	6.74 0.35 0.00	6.21 0.31 0.00	7.21 0.35 0.00	7.25 0.34 0.00	11.43 0.54 0.00	14.63 0.70 0.00	18.22 0.78 0.00	16.34 0.66 0.00	16.03 0.72 0.00	15.15 0.81 0.00	15.23 0.90 0.00	14.08 0.80 -1.10	15.18 0.92 0.00	17.15 1.03 0.00	15.48 0.96 0.00	17.84 1.01 -1.12	20.39 1.24 -0.76	21.23 1.27 0.00	20.48 1.19 -0.35	23.69 1.31 -0.53	23.85 1.32 0.00	19.49 1.09 0.00	16.76 0.81 -2.79
CRUCIBLE_METL_DRP 24180	7.37 -0.08 -0.63	6.31 -0.08 0.00	5.83 -0.07 0.00	6.77 -0.09 0.00	6.83 -0.08 0.00	10.80 -0.09 0.00	13.92 -0.02 0.00	17.43 -0.01 0.00	15.63 -0.05 0.00	15.23 -0.07 0.00	14.27 -0.08 0.00	14.23 -0.10 0.00	12.19 -0.11 -0.12	14.15 -0.12 0.00	15.94 -0.18 0.00	14.38 -0.15 0.00	15.63 -0.21 -0.12	18.26 -0.21 -0.08	19.77 -0.19 0.00	18.83 -0.15 -0.04	21.74 -0.16 -0.06	22.29 -0.24 0.00	18.15 -0.25 0.00	13.31 -0.16 -0.31
DAHOWA___HYDRO 323763	11.65 0.23 -4.58	6.58 0.19 0.00	6.06 0.15 0.00	7.04 0.18 0.00	7.10 0.19 0.00	11.23 0.34 0.00	14.39 0.46 0.00	17.98 0.55 0.00	16.04 0.37 0.00	15.67 0.37 0.00	14.72 0.37 0.00	14.76 0.42 0.00	13.87 0.38 -1.31	14.67 0.41 0.00	16.58 0.46 0.00	14.96 0.43 0.00	17.62 0.57 -1.33	19.99 0.69 -0.91	20.74 0.79 0.00	20.20 0.84 -0.42	23.50 1.02 -0.63	23.55 1.02 0.00	19.20 0.80 0.00	17.04 0.56 -3.33
DANC___LFGE 323619	6.98 -0.13 -0.28	6.27 -0.12 0.00	5.80 -0.10 0.00	6.76 -0.10 0.00	6.81 -0.10 0.00	10.75 -0.14 0.00	13.85 -0.09 0.00	17.27 -0.17 0.00	15.40 -0.28 0.00	14.95 -0.35 0.00	13.95 -0.56 -0.17	12.04 -0.80 1.49	8.47 -0.77 2.93	10.88 -0.89 2.50	12.65 -0.99 2.47	10.94 -0.87 2.72	15.88 -1.03 -1.20	18.27 -1.11 -0.98	19.11 -1.08 -0.22	19.33 -0.84 -1.23	22.23 -0.87 -1.25	22.77 -0.92 -1.16	18.53 -0.79 -0.92	12.99 -0.56 -0.39
DANSKAMMER___1 23586	11.03 0.53 -3.67	6.87 0.47 0.00	6.33 0.42 0.00	7.34 0.48 0.00	7.38 0.48 0.00	11.65 0.76 0.00	14.95 1.02 0.00	18.66 1.22 0.00	16.74 1.06 0.00	16.39 1.09 0.00	15.47 1.13 0.00	15.53 1.20 0.00	14.28 1.06 -1.05	15.52 1.25 0.00	17.54 1.42 0.00	15.83 1.30 0.00	18.16 1.38 -1.06	20.83 1.72 -0.72	21.75 1.79 0.00	20.92 1.65 -0.33	24.18 1.83 -0.50	24.37 1.84 0.00	19.90 1.50 0.00	16.90 1.09 -2.65
DANSKAMMER___2 23589	11.03 0.53 -3.67	6.87 0.47 0.00	6.33 0.42 0.00	7.34 0.48 0.00	7.38 0.48 0.00	11.65 0.76 0.00	14.95 1.02 0.00	18.66 1.22 0.00	16.74 1.06 0.00	16.39 1.09 0.00	15.47 1.13 0.00	15.53 1.20 0.00	14.28 1.06 -1.05	15.52 1.25 0.00	17.54 1.42 0.00	15.83 1.30 0.00	18.16 1.38 -1.06	20.83 1.72 -0.72	21.75 1.79 0.00	20.92 1.65 -0.33	24.18 1.83 -0.50	24.37 1.84 0.00	19.90 1.50 0.00	16.90 1.09 -2.65
DANSKAMMER___3 23590	11.03 0.53 -3.67	6.87 0.47 0.00	6.33 0.42 0.00	7.34 0.48 0.00	7.38 0.48 0.00	11.65 0.76 0.00	14.95 1.02 0.00	18.66 1.22 0.00	16.74 1.06 0.00	16.39 1.09 0.00	15.47 1.13 0.00	15.53 1.20 0.00	14.28 1.06 -1.05	15.52 1.25 0.00	17.54 1.42 0.00	15.83 1.30 0.00	18.16 1.38 -1.06	20.83 1.72 -0.72	21.75 1.79 0.00	20.92 1.65 -0.33	24.18 1.83 -0.50	24.37 1.84 0.00	19.90 1.50 0.00	16.90 1.09 -2.65
DANSKAMMER___4 23591	11.03 0.53 -3.67	6.87 0.47 0.00	6.33 0.42 0.00	7.34 0.48 0.00	7.38 0.48 0.00	11.65 0.76 0.00	14.95 1.02 0.00	18.66 1.22 0.00	16.74 1.06 0.00	16.39 1.09 0.00	15.47 1.13 0.00	15.53 1.20 0.00	14.28 1.06 -1.05	15.52 1.25 0.00	17.54 1.42 0.00	15.83 1.30 0.00	18.16 1.38 -1.06	20.83 1.72 -0.72	21.75 1.79 0.00	20.92 1.65 -0.33	24.18 1.83 -0.50	24.37 1.84 0.00	19.90 1.50 0.00	16.90 1.09 -2.65
DANSKAMMER___DIESEL 23592	11.03 0.53 -3.67	6.87 0.47 0.00	6.33 0.42 0.00	7.34 0.48 0.00	7.38 0.48 0.00	11.65 0.76 0.00	14.95 1.02 0.00	18.66 1.22 0.00	16.74 1.06 0.00	16.39 1.08 0.00	15.47 1.13 0.00	15.54 1.20 0.00	14.28 1.06 -1.05	15.52 1.25 0.00	17.54 1.42 0.00	15.83 1.30 0.00	18.16 1.38 -1.06	20.83 1.72 -0.72	21.75 1.79 0.00	20.92 1.65 -0.33	24.18 1.84 -0.50	24.37 1.84 0.00	19.90 1.50 0.00	16.90 1.09 -2.65
DARBY___SOLAR 323810	11.65 0.24 -4.57	6.60 0.20 0.00	6.07 0.16 0.00	7.06 0.19 0.00	7.11 0.21 0.00	11.24 0.35 0.00	14.40 0.47 0.00	17.99 0.55 0.00	16.07 0.39 0.00	15.69 0.39 0.00	14.75 0.41 0.00	14.79 0.46 0.00	13.89 0.41 -1.31	14.71 0.45 0.00	16.63 0.51 0.00	14.99 0.46 0.00	17.63 0.59 -1.33	20.00 0.71 -0.90	20.75 0.79 0.00	20.19 0.83 -0.42	23.47 1.00 -0.63	23.52 0.99 0.00	19.19 0.79 0.00	17.03 0.56 -3.32
DASHVILLE___HYD 23610	11.05 0.54 -3.68	6.87 0.48 0.00	6.35 0.44 0.00	7.35 0.50 0.00	7.39 0.48 0.00	11.64 0.76 0.00	14.98 1.05 0.00	18.69 1.26 0.00	16.78 1.10 0.00	16.45 1.15 0.00	15.55 1.21 0.00	15.64 1.31 0.00	14.37 1.14 -1.05	15.64 1.38 0.00	17.68 1.57 0.00	15.96 1.43 0.00	18.25 1.47 -1.07	21.00 1.88 -0.73	21.88 1.92 0.00	20.97 1.69 -0.33	24.23 1.88 -0.50	24.44 1.91 0.00	19.96 1.56 0.00	16.93 1.11 -2.67

DEERFIELD_69_KV_DEERFIELD LD 355887	11.36 0.85 -3.68	7.14 0.75 0.00	6.58 0.68 0.00	7.65 0.79 0.00	7.68 0.78 0.00	12.09 1.21 0.00	15.58 1.64 0.00	19.39 1.95 0.00	17.27 1.60 0.00	16.85 1.54 0.00	15.84 1.50 0.00	15.72 1.38 0.00	14.57 1.34 -1.06	15.90 1.64 0.00	18.11 1.99 0.00	23.82 1.87 -7.42	27.49 2.01 -9.77	27.91 2.52 -7.01	22.57 2.61 0.00	21.43 2.15 -0.34	24.80 2.45 -0.51	25.01 2.48 0.00	20.41 2.01 0.00	17.31 1.47 -2.68
DELAWARE___LFGE 323621	8.60 0.23 -1.55	6.60 0.21 0.00	6.09 0.19 0.00	7.08 0.22 0.00	7.14 0.23 0.00	11.26 0.37 0.00	14.47 0.54 0.00	18.11 0.67 0.00	16.27 0.59 0.00	15.88 0.57 0.00	14.89 0.55 0.00	14.88 0.55 0.00	13.04 0.45 -0.41	14.79 0.53 0.00	16.70 0.58 0.00	15.07 0.54 0.00	16.67 0.54 -0.42	19.34 0.67 -0.29	20.69 0.73 0.00	19.77 0.70 -0.13	22.85 0.81 -0.20	23.33 0.81 0.00	19.04 0.63 -0.01	14.67 0.46 -1.05
DERFIELD_115KV_TB7 355931	6.84 0.01 0.00	6.39 0.00 0.00	5.90 0.00 0.00	6.86 0.00 0.00	6.91 0.00 0.00	10.90 0.01 0.00	13.95 0.02 0.00	17.45 0.02 0.00	15.68 0.00 0.00	15.31 0.00 0.00	14.36 0.01 0.00	15.04 0.01 -0.69	13.30 0.00 -1.12	15.26 0.00 -0.99	17.11 -0.02 -1.01	15.59 0.00 -1.06	15.70 -0.02 0.00	18.46 0.00 -0.07	20.24 0.00 -0.28	18.95 0.01 0.00	21.89 0.02 -0.02	22.59 0.02 -0.04	18.48 0.00 -0.07	13.41 0.01 -0.24
DOGLEVILLE___HYD 23807	6.78 -0.05 0.00	6.33 -0.06 0.00	5.87 -0.04 0.00	6.83 -0.03 0.00	6.88 -0.03 0.00	10.80 -0.08 0.00	13.81 -0.13 0.00	17.19 -0.25 0.00	15.29 -0.39 0.00	14.90 -0.40 0.00	14.03 -0.32 0.00	14.74 -0.28 -0.69	13.02 -0.28 -1.12	14.88 -0.38 -0.99	16.72 -0.40 -1.01	15.20 -0.39 -1.06	15.37 -0.34 0.00	18.10 -0.36 -0.07	19.86 -0.38 -0.28	18.76 -0.18 0.00	21.76 -0.10 -0.02	22.51 -0.05 -0.04	18.40 -0.08 -0.07	13.27 -0.12 -0.24
DUNKIRK___115KV_TB_200 55889	6.95 -0.24 -0.36	6.21 -0.18 0.00	5.76 -0.15 0.00	6.66 -0.20 0.00	6.72 -0.19 0.00	10.72 -0.17 0.00	13.90 -0.04 0.00	17.51 0.06 0.00	15.89 0.20 0.00	15.48 0.17 -0.01	14.49 0.14 0.00	14.34 0.00 0.00	12.29 -0.07 -0.19	14.18 -0.08 0.00	15.79 -0.34 -0.01	14.26 -0.27 -0.20	15.45 -0.46 0.00	10.62 -0.52 7.25	12.20 -0.55 7.21	14.34 -0.44 4.16	10.35 -0.51 10.99	10.98 -0.71 10.85	8.50 -0.66 9.25	8.80 -0.30 4.06
DUNKIRK___1 23563	6.95 -0.24 -0.36	6.21 -0.18 0.00	5.76 -0.15 0.00	6.66 -0.20 0.00	6.72 -0.19 0.00	10.72 -0.17 0.00	13.90 -0.04 0.00	17.51 0.06 0.00	15.89 0.20 0.00	15.48 0.17 -0.01	14.49 0.14 0.00	14.34 0.00 0.00	12.29 -0.07 -0.19	14.18 -0.08 0.00	15.79 -0.34 -0.01	14.26 -0.27 0.00	15.45 -0.46 -0.20	10.62 -0.52 7.25	12.20 -0.55 7.21	14.34 -0.44 4.16	10.35 -0.51 10.99	10.98 -0.71 10.85	8.50 -0.66 9.25	8.80 -0.30 4.06
DUNKIRK___2 23564	6.95 -0.24 -0.36	6.21 -0.18 0.00	5.76 -0.15 0.00	6.66 -0.20 0.00	6.72 -0.19 0.00	10.72 -0.17 0.00	13.90 -0.04 0.00	17.51 0.06 0.00	15.89 0.20 0.00	15.48 0.17 -0.01	14.49 0.14 0.00	14.34 0.00 0.00	12.29 -0.07 -0.19	14.18 -0.08 0.00	15.79 -0.34 -0.01	14.26 -0.27 0.00	15.45 -0.46 -0.20	10.62 -0.52 7.25	12.20 -0.55 7.21	14.34 -0.44 4.16	10.35 -0.51 10.99	10.98 -0.71 10.85	8.50 -0.66 9.25	8.80 -0.30 4.06
DUNKIRK___3 23565	6.93 -0.25 -0.35	6.20 -0.19 0.00	5.75 -0.16 0.00	6.64 -0.21 0.00	6.70 -0.21 0.00	10.68 -0.20 0.00	13.85 -0.09 0.00	17.47 0.03 0.00	15.89 0.21 0.00	15.48 0.17 -0.01	14.49 0.14 0.00	14.34 0.01 0.00	12.29 -0.07 -0.18	14.19 -0.08 0.00	15.80 -0.33 -0.01	14.27 -0.26 0.00	15.45 -0.46 -0.19	9.83 -0.51 8.05	11.42 -0.55 7.99	13.88 -0.44 4.62	9.18 -0.49 12.18	9.86 -0.66 12.01	7.55 -0.61 10.24	8.34 -0.27 4.55
DUNKIRK___4 23566	6.93 -0.25 -0.35	6.20 -0.19 0.00	5.75 -0.16 0.00	6.64 -0.21 0.00	6.70 -0.21 0.00	10.68 -0.20 0.00	13.85 -0.09 0.00	17.47 0.03 0.00	15.89 0.21 0.00	15.48 0.17 -0.01	14.49 0.14 0.00	14.34 0.01 0.00	12.29 -0.07 -0.18	14.19 -0.08 0.00	15.80 -0.33 -0.01	14.27 -0.26 0.00	15.45 -0.46 -0.19	9.83 -0.51 8.05	11.42 -0.55 7.99	13.88 -0.44 4.62	9.18 -0.49 12.18	9.86 -0.66 12.01	7.55 -0.61 10.24	8.34 -0.27 4.55
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	11.04 0.53 -3.68	6.87 0.48 0.00	6.33 0.42 0.00	7.34 0.48 0.00	7.38 0.47 0.00	11.63 0.74 0.00	14.93 0.99 0.00	18.65 1.21 0.00	16.74 1.06 0.00	16.42 1.11 0.00	15.51 1.17 0.00	15.60 1.26 0.00	14.35 1.12 -1.06	15.59 1.33 0.00	17.63 1.51 0.00	15.90 1.37 0.00	18.21 1.42 -1.07	20.85 1.73 -0.73	21.72 1.77 0.00	20.87 1.59 -0.34	24.11 1.76 -0.51	24.31 1.78 0.00	19.88 1.48 0.00	16.93 1.09 -2.68
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	10.90 0.50 -3.57	6.84 0.44 0.00	6.30 0.40 0.00	7.31 0.45 0.00	7.35 0.44 0.00	11.60 0.71 0.00	14.89 0.96 0.00	18.57 1.14 0.00	16.66 0.98 0.00	16.31 1.01 0.00	15.39 1.05 0.00	15.46 1.12 0.00	14.18 0.99 -1.02	15.43 1.17 0.00	17.45 1.33 0.00	15.74 1.21 0.00	18.03 1.28 -1.03	20.68 1.59 -0.70	21.62 1.66 0.00	20.78 1.52 -0.32	24.03 1.70 -0.49	24.24 1.71 0.00	19.79 1.40 0.00	16.75 1.01 -2.58
E179THST_138_KV_TB4_REV_LBMP_J 345001	11.05 0.54 -3.68	6.88 0.49 0.00	6.33 0.43 0.00	7.34 0.48 0.00	7.39 0.48 0.00	11.63 0.74 0.00	14.95 1.02 0.00	18.67 1.24 0.00	16.78 1.10 0.00	16.45 1.14 0.00	15.54 1.20 0.00	15.62 1.29 0.00	14.37 1.14 -1.06	15.61 1.34 0.00	17.66 1.54 0.00	15.91 1.38 0.00	18.21 1.42 -1.07	20.87 1.75 -0.73	21.76 1.81 0.00	20.90 1.62 -0.34	24.16 1.81 -0.51	24.37 1.84 0.00	19.94 1.54 0.00	16.97 1.13 -2.68
E179THST_13_KV_LOAD 356214	11.08 0.57 -3.68	6.90 0.51 0.00	6.35 0.45 0.00	7.37 0.51 0.00	7.41 0.50 0.00	11.66 0.78 0.00	15.00 1.07 0.00	18.75 1.31 0.00	16.85 1.17 0.00	16.52 1.22 0.00	15.61 1.27 0.00	15.69 1.36 0.00	14.43 1.19 -1.06	15.68 1.42 0.00	17.73 1.61 0.00	15.98 1.45 0.00	18.29 1.50 -1.07	20.96 1.84 -0.73	21.86 1.91 0.00	20.99 1.71 -0.34	24.26 1.91 -0.51	24.47 1.94 0.00	20.02 1.62 0.00	17.02 1.18 -2.68
EAST HAMPTON___GT 23717	11.43 0.92 -3.68	7.21 0.82 0.00	6.64 0.74 0.00	7.73 0.87 0.00	7.76 0.85 0.00	12.23 1.34 0.00	15.75 1.82 0.00	19.61 2.17 0.00	17.47 1.79 0.00	17.02 1.72 0.00	16.01 1.67 0.00	15.88 1.55 0.00	14.70 1.47 -1.06	16.06 1.79 0.00	18.29 2.17 0.00	23.98 2.02 -7.42	27.65 2.17 -9.77	28.14 2.74 -7.01	22.82 2.87 0.00	21.68 2.40 -0.34	25.10 2.75 -0.51	25.31 2.78 0.00	20.63 2.23 0.00	17.46 1.62 -2.68
EAST RIVER___6 23660	11.08 0.57 -3.68	6.90 0.51 0.00	6.36 0.45 0.00	7.37 0.51 0.00	7.41 0.50 0.00	11.68 0.79 0.00	14.98 1.05 0.00	18.73 1.29 0.00	16.82 1.14 0.00	16.50 1.20 0.00	15.61 1.27 0.00	15.70 1.37 0.00	14.45 1.22 -1.06	15.71 1.44 0.00	17.77 1.65 0.00	16.02 1.49 0.00	18.31 1.53 -1.07	20.98 1.86 -0.73	21.83 1.88 0.00	20.96 1.68 -0.34	24.19 1.83 -0.51	24.40 1.87 0.00	19.96 1.56 0.00	17.00 1.16 -2.68

EAST_RIVER___7 23524	11.08 0.57 -3.68	6.90 0.51 0.00	6.36 0.45 0.00	7.37 0.51 0.00	7.41 0.50 0.00	11.68 0.79 0.00	14.98 1.05 0.00	18.73 1.29 0.00	16.82 1.14 0.00	16.50 1.20 0.00	15.61 1.27 0.00	15.70 1.37 0.00	14.45 1.22 -1.06	15.71 1.44 0.00	17.77 1.65 0.00	16.02 1.49 0.00	18.31 1.53 -1.07	20.98 1.86 -0.73	21.83 1.88 0.00	20.96 1.68 -0.34	24.19 1.83 -0.51	24.40 1.87 0.00	19.96 1.56 0.00	17.00 1.16 -2.68
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	11.02 0.52 -3.68	6.86 0.46 0.00	6.32 0.41 0.00	7.33 0.47 0.00	7.37 0.46 0.00	11.61 0.72 0.00	14.90 0.97 0.00	18.61 1.18 0.00	16.71 1.03 0.00	16.38 1.08 0.00	15.48 1.13 0.00	15.56 1.23 0.00	14.32 1.09 -1.06	15.55 1.29 0.00	17.58 1.47 0.00	15.86 1.33 0.00	18.16 1.38 -1.07	20.81 1.69 -0.73	21.68 1.72 0.00	20.83 1.56 -0.34	24.08 1.72 -0.51	24.27 1.74 0.00	19.84 1.44 0.00	16.90 1.06 -2.68
EAST_HAMPTON___DIESEL 23722	11.43 0.92 -3.68	7.21 0.82 0.00	6.64 0.74 0.00	7.73 0.87 0.00	7.76 0.85 0.00	12.23 1.34 0.00	15.75 1.82 0.00	19.61 2.18 0.00	17.47 1.79 0.00	17.03 1.73 0.00	16.01 1.67 0.00	15.88 1.55 0.00	14.71 1.47 -1.06	16.06 1.80 0.00	18.29 2.17 0.00	23.98 2.02 -7.42	27.65 2.17 -9.77	28.14 2.74 -7.01	22.82 2.87 0.00	21.68 2.40 -0.34	25.10 2.75 -0.51	25.32 2.79 0.00	20.63 2.23 0.00	17.46 1.62 -2.68
EAST_PULASKI___ESR 323781	6.99 -0.16 -0.32	6.24 -0.15 0.00	5.77 -0.13 0.00	6.70 -0.15 0.00	6.76 -0.15 0.00	10.68 -0.20 0.00	13.76 -0.18 0.00	17.20 -0.23 0.00	15.40 -0.28 0.00	14.98 -0.32 0.00	13.95 -0.40 0.00	12.80 -0.51 1.02	10.13 -0.48 1.57	12.24 -0.56 1.47	13.97 -0.66 1.49	12.39 -0.57 1.57	15.12 -0.68 -0.09	17.59 -0.76 0.04	18.79 -0.75 0.42	18.36 -0.61 -0.03	21.22 -0.64 -0.02	21.77 -0.70 0.06	17.68 -0.60 0.11	12.63 -0.42 0.12
EAST_RIVER___1 323558	11.07 0.56 -3.68	6.90 0.51 0.00	6.35 0.45 0.00	7.37 0.51 0.00	7.41 0.50 0.00	11.67 0.78 0.00	14.98 1.05 0.00	18.72 1.28 0.00	16.82 1.14 0.00	16.50 1.19 0.00	15.60 1.26 0.00	15.69 1.35 0.00	14.44 1.20 -1.06	15.69 1.43 0.00	17.74 1.62 0.00	15.99 1.47 0.00	18.29 1.50 -1.07	20.95 1.83 -0.73	21.81 1.85 0.00	20.94 1.66 -0.34	24.18 1.83 -0.51	24.40 1.87 0.00	19.96 1.57 0.00	17.00 1.16 -2.68
EAST_RIVER___2 323559	11.08 0.57 -3.68	6.90 0.51 0.00	6.36 0.45 0.00	7.37 0.51 0.00	7.41 0.50 0.00	11.68 0.79 0.00	14.98 1.05 0.00	18.73 1.29 0.00	16.82 1.14 0.00	16.50 1.20 0.00	15.61 1.27 0.00	15.70 1.37 0.00	14.45 1.22 -1.06	15.71 1.44 0.00	17.77 1.65 0.00	16.02 1.49 0.00	18.31 1.53 -1.07	20.98 1.86 -0.73	21.83 1.88 0.00	20.96 1.68 -0.34	24.19 1.83 -0.51	24.40 1.87 0.00	19.96 1.56 0.00	17.00 1.16 -2.68
EAST___DELAWARE_HYD 23607	10.43 0.47 -3.14	6.79 0.40 0.00	6.30 0.39 0.00	7.31 0.45 0.00	7.34 0.43 0.00	11.54 0.65 0.00	14.84 0.91 0.00	18.56 1.13 0.00	16.64 0.96 0.00	16.27 0.97 0.00	15.34 0.99 0.00	15.34 1.00 0.00	13.72 0.65 -0.89	15.03 0.76 0.00	16.98 0.86 0.00	15.33 0.80 0.00	17.47 0.85 -0.91	20.20 1.20 -0.62	21.64 1.69 0.00	20.78 1.55 -0.28	24.03 1.75 -0.43	24.28 1.75 0.00	19.79 1.39 0.00	16.41 0.98 -2.27
EIGHT_POINT___WT_PWR 323820	8.07 0.00 -1.24	6.40 0.01 0.00	5.94 0.04 0.00	6.91 0.05 0.00	7.01 0.11 0.00	11.18 0.29 0.00	15.09 1.16 0.00	18.95 1.51 0.00	16.46 0.78 0.00	15.86 0.55 0.00	14.79 0.44 0.00	14.68 0.34 0.00	12.58 0.19 -0.22	14.46 0.20 0.00	16.13 0.01 0.00	14.55 0.02 0.00	15.69 -0.25 -0.22	44.51 -0.27 -26.40	43.55 -0.24 -23.83	32.79 -0.17 -14.02	58.26 -0.29 -36.70	57.63 -0.68 -35.79	48.01 -0.86 -30.47	27.73 -0.56 -15.13
ELBRIDGE_115KV_TB2 80188	7.45 -0.10 -0.72	6.29 -0.10 0.00	5.81 -0.10 0.00	6.75 -0.11 0.00	6.80 -0.11 0.00	10.78 -0.11 0.00	13.90 -0.04 0.00	17.41 -0.03 0.00	15.61 -0.07 0.00	15.20 -0.10 0.00	14.24 -0.10 0.00	14.19 -0.14 0.00	12.16 -0.14 -0.13	14.10 -0.16 0.00	15.88 -0.24 0.00	14.34 -0.19 0.00	15.59 -0.26 -0.13	18.22 -0.26 -0.09	19.72 -0.24 0.00	18.79 -0.20 -0.04	21.68 -0.22 -0.06	22.23 -0.30 0.00	18.10 -0.29 0.00	13.30 -0.18 -0.32
ELEC_TRO_TEK 24086	11.14 0.63 -3.68	6.96 0.57 0.00	6.42 0.51 0.00	7.44 0.58 0.00	7.48 0.57 0.00	11.75 0.87 0.00	15.10 1.16 0.00	18.83 1.39 0.00	16.87 1.19 0.00	16.55 1.24 0.00	15.61 1.27 0.00	15.61 1.27 0.00	14.43 1.20 -1.06	15.70 1.44 0.00	17.83 1.71 0.00	23.53 1.57 -7.42	27.11 1.64 -9.77	27.38 1.98 -7.01	21.97 2.01 0.00	20.97 1.69 -0.34	24.25 1.90 -0.51	24.48 1.95 0.00	20.01 1.62 0.00	17.06 1.22 -2.68
ELLENBURG_WT_PWR 323604	6.68 -0.15 0.00	6.31 -0.08 0.00	5.85 -0.05 0.00	6.82 -0.04 0.00	6.82 -0.09 0.00	10.79 -0.10 0.00	13.81 -0.13 0.00	17.20 -0.24 0.00	15.43 -0.25 0.00	14.93 -0.38 0.00	8.08 -0.79 5.48	-18.26 -0.93 31.66	-21.06 -0.81 32.42	-21.05 -0.95 34.37	-21.21 -0.97 36.36	-21.09 -0.89 34.73	-21.11 -0.90 35.92	-21.10 -1.06 38.43	-21.09 -1.13 39.92	-21.06 -1.13 38.87	-21.08 -1.32 41.61	-21.10 -1.29 42.34	-21.06 -1.01 38.45	-21.06 -0.77 33.45
ELM_ST_23_KV_LD_REV_LBMP_A 345012	6.82 -0.33 -0.32	6.13 -0.26 0.00	5.68 -0.22 0.00	6.57 -0.30 0.00	6.62 -0.29 0.00	10.55 -0.35 0.00	13.64 -0.29 0.00	17.22 -0.22 -0.01	15.69 0.01 0.00	15.29 -0.02 -0.01	14.31 -0.03 0.00	14.17 -0.17 0.00	12.14 -0.21 -0.18	14.03 -0.24 0.00	15.62 -0.51 -0.02	14.12 -0.42 0.00	15.26 -0.65 -0.19	9.59 -0.74 8.05	11.17 -0.79 8.00	13.66 -0.66 4.63	8.95 -0.70 12.20	9.68 -0.82 12.03	7.39 -0.71 10.30	8.20 -0.34 4.61
EMPIRE_CC_1 323656	11.32 0.21 -4.29	6.57 0.18 0.00	6.05 0.15 0.00	7.05 0.19 0.00	7.09 0.18 0.00	11.15 0.26 0.00	14.21 0.27 0.00	17.70 0.26 0.00	15.86 0.18 0.00	15.53 0.22 0.00	14.64 0.29 0.00	14.70 0.36 0.00	13.74 0.33 -1.23	14.61 0.34 0.00	16.52 0.40 0.00	14.85 0.33 0.00	17.34 0.38 -1.25	19.62 0.38 -0.85	20.36 0.40 0.00	19.80 0.47 -0.39	22.97 0.54 -0.59	23.07 0.54 0.00	18.92 0.52 0.00	16.67 0.39 -3.12
EMPIRE_CC_2 323658	11.32 0.21 -4.29	6.57 0.18 0.00	6.05 0.15 0.00	7.05 0.19 0.00	7.09 0.18 0.00	11.15 0.26 0.00	14.21 0.27 0.00	17.70 0.26 0.00	15.86 0.18 0.00	15.53 0.22 0.00	14.64 0.29 0.00	14.70 0.36 0.00	13.74 0.33 -1.23	14.61 0.34 0.00	16.52 0.40 0.00	14.85 0.33 0.00	17.34 0.38 -1.25	19.62 0.38 -0.85	20.36 0.40 0.00	19.80 0.47 -0.39	22.97 0.54 -0.59	23.07 0.54 0.00	18.92 0.52 0.00	16.67 0.39 -3.12
ENORWICH_115KV_TB1 80156	8.51 0.37 -1.31	6.73 0.34 0.00	6.25 0.35 0.00	7.26 0.40 0.00	7.33 0.43 0.00	11.61 0.72 0.00	15.03 1.10 0.00	18.80 1.36 0.00	16.77 1.09 0.00	16.18 0.87 0.00	15.00 0.66 0.00	14.85 0.52 0.00	12.88 0.39 -0.31	14.71 0.45 0.00	16.58 0.47 0.00	14.96 0.43 0.00	16.48 0.45 -0.32	20.48 0.62 -1.47	22.15 0.96 -1.23	20.94 1.18 -0.82	25.38 1.49 -2.04	25.67 1.30 -1.84	20.86 0.88 -1.58	15.33 0.63 -1.54

ERIE_ST__34_KV_TB1-2 80199	6.97 -0.21 -0.35	6.25 -0.15 0.00	5.79 -0.11 0.00	6.69 -0.17 0.00	6.75 -0.16 0.00	10.74 -0.15 0.00	13.91 -0.02 0.00	17.58 0.13 0.00	16.02 0.34 0.00	15.61 0.30 -0.01	14.60 0.25 0.00	14.47 0.14 0.00	12.40 0.03 -0.19	14.34 0.07 0.00	15.97 -0.16 -0.01	14.45 -0.08 0.00	15.60 -0.31 -0.19	11.21 -0.29 6.89	12.79 -0.31 6.86	14.77 -0.21 3.95	11.20 -0.20 10.44	11.95 -0.27 10.31	9.38 -0.27 8.75	9.30 -0.04 3.82
ERIE_WT_PWR 323693	6.90 -0.27 -0.34	6.18 -0.21 0.00	5.73 -0.17 0.00	6.63 -0.23 0.00	6.68 -0.23 0.00	10.64 -0.25 0.00	13.77 -0.16 0.00	17.39 -0.05 0.00	15.83 0.15 0.00	15.42 0.11 -0.01	14.43 0.08 0.00	14.30 -0.04 0.00	12.25 -0.10 -0.18	14.15 -0.12 0.00	15.76 -0.37 -0.01	14.25 -0.28 0.00	15.38 -0.52 -0.19	12.58 -0.56 5.25	11.53 -0.61 7.82	13.94 -0.48 4.52	9.42 -0.50 11.92	10.13 -0.64 11.76	7.82 -0.58 10.00	8.46 -0.27 4.43
ESPRGFLD_115KV_TB1 80157	6.64 0.36 0.56	6.74 0.34 0.00	6.22 0.32 0.00	7.23 0.37 0.00	7.30 0.40 0.00	11.56 0.67 0.00	14.94 1.01 0.00	18.73 1.30 0.00	16.89 1.21 0.00	16.42 1.12 0.00	15.30 0.95 0.00	15.17 0.84 0.00	12.64 0.62 0.16	15.00 0.73 0.00	16.93 0.81 0.00	15.28 0.75 0.00	16.30 0.75 0.16	19.18 0.91 0.11	20.99 1.03 0.00	19.89 1.00 0.05	22.97 1.20 0.08	23.80 1.27 0.00	19.40 1.00 0.00	13.46 0.70 0.41
ETNA_115_KV_TB1_REV_LBMP_C 345029	8.07 0.09 -1.15	6.47 0.08 0.00	5.98 0.08 0.00	6.95 0.09 0.00	7.01 0.10 0.00	11.09 0.20 0.00	14.33 0.39 0.00	17.94 0.50 0.00	16.05 0.37 0.00	15.58 0.27 0.00	14.54 0.19 0.00	14.48 0.15 0.00	12.51 0.10 -0.24	14.39 0.12 0.00	16.20 0.08 0.00	14.64 0.11 0.00	16.01 0.06 -0.24	20.82 0.16 -2.27	22.30 0.28 -2.06	20.56 0.34 -1.28	25.55 0.42 -3.28	25.96 0.34 -3.10	21.25 0.20 -2.64	15.19 0.17 -1.86
ETNA____115KV_TB2 80207	8.07 0.09 -1.15	6.47 0.08 0.00	5.98 0.08 0.00	6.95 0.09 0.00	7.01 0.10 0.00	11.09 0.20 0.00	14.33 0.39 0.00	17.94 0.50 0.00	16.05 0.37 0.00	15.58 0.27 0.00	14.54 0.19 0.00	14.48 0.15 0.00	12.51 0.10 -0.24	14.39 0.12 0.00	16.20 0.08 0.00	14.64 0.11 0.00	16.01 0.06 -0.24	20.82 0.16 -2.27	22.30 0.28 -2.06	20.56 0.34 -1.28	25.55 0.42 -3.28	25.96 0.34 -3.10	21.25 0.20 -2.64	15.19 0.17 -1.86
EUCLID____115KV_TB2 356179	7.03 -0.16 -0.37	6.24 -0.15 0.00	5.77 -0.14 0.00	6.70 -0.16 0.00	6.75 -0.16 0.00	10.67 -0.22 0.00	13.74 -0.20 0.00	17.21 -0.23 0.00	15.46 -0.22 0.00	15.07 -0.23 0.00	14.12 -0.22 0.00	14.09 -0.25 0.00	12.05 -0.23 -0.10	14.00 -0.26 0.00	15.77 -0.35 0.00	14.24 -0.29 0.00	15.45 -0.37 -0.11	18.06 -0.40 -0.07	19.55 -0.40 0.00	18.62 -0.35 -0.03	21.50 -0.40 -0.05	22.06 -0.47 0.00	17.97 -0.43 0.00	13.14 -0.29 -0.27
E_CANADA_CAP_HY 24051	12.77 0.43 -5.52	6.80 0.41 0.00	6.28 0.37 0.00	7.30 0.44 0.00	7.37 0.46 0.00	11.67 0.79 0.00	15.06 1.13 0.00	18.86 1.42 0.00	17.02 1.34 0.00	16.54 1.24 0.00	15.38 1.03 0.00	15.22 0.89 0.00	14.40 0.65 -1.58	15.00 0.74 0.00	16.96 0.85 0.00	15.30 0.77 0.00	18.14 0.83 -1.60	20.46 0.98 -1.09	21.05 1.10 0.00	20.54 1.10 -0.50	23.96 1.36 -0.76	24.04 1.51 0.00	19.62 1.22 0.00	18.01 0.86 -4.00
E_CANADA_MHWK_HY 24050	6.78 -0.05 0.00	6.33 -0.06 0.00	5.87 -0.04 0.00	6.83 -0.03 0.00	6.88 -0.03 0.00	10.80 -0.08 0.00	13.81 -0.13 0.00	17.19 -0.25 0.00	15.29 -0.39 0.00	14.90 -0.40 0.00	14.03 -0.32 0.00	14.74 -0.28 -0.69	13.02 -0.28 -1.12	14.88 -0.38 -0.99	16.72 -0.40 -1.01	15.20 -0.39 -1.06	15.37 -0.34 0.00	18.10 -0.36 -0.07	19.86 -0.38 -0.28	18.76 -0.18 0.00	21.76 -0.10 -0.02	22.51 -0.05 -0.04	18.40 -0.08 -0.07	13.27 -0.12 -0.24
E_FISHKILL____LBMP 23776	11.03 0.46 -3.74	6.80 0.41 0.00	6.27 0.36 0.00	7.27 0.41 0.00	7.31 0.41 0.00	11.53 0.64 0.00	14.78 0.84 0.00	18.44 1.00 0.00	16.55 0.87 0.00	16.22 0.91 0.00	15.31 0.97 0.00	15.39 1.05 0.00	14.18 0.94 -1.07	15.37 1.10 0.00	17.37 1.25 0.00	15.67 1.14 0.00	17.99 1.19 -1.09	20.58 1.46 -0.74	21.45 1.49 0.00	20.65 1.37 -0.34	23.87 1.51 -0.51	24.06 1.53 0.00	19.67 1.27 0.00	16.81 0.93 -2.71
FALCON____SEABRD_CC1 323796	6.75 -0.08 0.00	6.37 -0.03 0.00	5.90 0.00 0.00	6.89 0.03 0.00	6.89 -0.02 0.00	10.91 0.02 0.00	13.99 0.06 0.00	17.43 0.00 0.00	15.62 -0.06 0.00	15.12 -0.19 0.00	8.22 -0.59 5.53	-18.14 -0.71 31.76	-20.85 -0.62 32.41	-20.89 -0.74 34.42	-21.06 -0.76 36.42	-20.91 -0.68 34.76	-21.21 -0.68 36.25	-21.15 -0.78 38.76	-21.09 -0.83 40.21	-21.15 -0.87 39.23	-21.14 -1.00 41.99	-21.17 -0.98 42.72	-21.16 -0.78 38.78	-21.13 -0.60 33.69
FALCON____SEABRD_CC2 323797	6.75 -0.08 0.00	6.37 -0.03 0.00	5.90 0.00 0.00	6.89 0.03 0.00	6.89 -0.02 0.00	10.91 0.02 0.00	13.99 0.06 0.00	17.43 0.00 0.00	15.62 -0.06 0.00	15.12 -0.19 0.00	8.22 -0.59 5.53	-18.14 -0.71 31.76	-20.85 -0.62 32.41	-20.89 -0.74 34.42	-21.06 -0.76 36.42	-20.91 -0.68 34.76	-21.21 -0.68 36.25	-21.15 -0.78 38.76	-21.09 -0.83 40.21	-21.15 -0.87 39.23	-21.14 -1.00 41.99	-21.17 -0.98 42.72	-21.16 -0.78 38.78	-21.13 -0.60 33.69
FAR ROCKAWAY____4 23548	11.22 0.70 -3.68	7.02 0.63 0.00	6.48 0.58 0.00	7.52 0.65 0.00	7.55 0.65 0.00	11.86 0.97 0.00	15.24 1.31 0.00	19.01 1.57 0.00	17.03 1.35 0.00	16.71 1.40 0.00	15.77 1.42 0.00	15.76 1.43 0.00	14.56 1.33 -1.06	15.87 1.60 0.00	18.02 1.90 0.00	23.70 1.75 -7.42	27.29 1.82 -9.77	27.45 2.05 -7.01	22.06 2.10 0.00	21.05 1.77 -0.34	24.37 2.02 -0.51	24.77 2.25 0.00	20.22 1.82 0.00	17.20 1.36 -2.68
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	11.07 0.56 -3.68	6.90 0.51 0.00	6.35 0.45 0.00	7.37 0.51 0.00	7.41 0.50 0.00	11.67 0.78 0.00	14.99 1.06 0.00	18.73 1.29 0.00	16.82 1.14 0.00	16.50 1.20 0.00	15.60 1.26 0.00	15.69 1.35 0.00	14.44 1.20 -1.06	15.70 1.43 0.00	17.75 1.63 0.00	16.00 1.47 0.00	18.29 1.50 -1.07	20.95 1.84 -0.73	21.82 1.86 0.00	20.96 1.68 -0.34	24.19 1.84 -0.51	24.41 1.88 0.00	19.98 1.58 0.00	17.01 1.17 -2.68
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	11.08 0.57 -3.68	6.90 0.51 0.00	6.36 0.45 0.00	7.37 0.51 0.00	7.41 0.50 0.00	11.68 0.79 0.00	15.00 1.06 0.00	18.74 1.31 0.00	16.84 1.16 0.00	16.51 1.21 0.00	15.61 1.27 0.00	15.70 1.37 0.00	14.44 1.21 -1.06	15.70 1.44 0.00	17.76 1.64 0.00	16.01 1.48 0.00	18.30 1.51 -1.07	20.97 1.85 -0.73	21.83 1.87 0.00	20.97 1.69 -0.34	24.21 1.86 -0.51	24.43 1.90 0.00	19.99 1.59 0.00	17.02 1.18 -2.68
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	11.07 0.56 -3.68	6.90 0.51 0.00	6.35 0.45 0.00	7.37 0.51 0.00	7.41 0.50 0.00	11.67 0.78 0.00	14.99 1.06 0.00	18.73 1.29 0.00	16.82 1.14 0.00	16.50 1.20 0.00	15.60 1.26 0.00	15.69 1.35 0.00	14.43 1.20 -1.06	15.69 1.43 0.00	17.74 1.62 0.00	16.00 1.47 0.00	18.29 1.50 -1.07	20.95 1.83 -0.73	21.81 1.85 0.00	20.95 1.67 -0.34	24.19 1.84 -0.51	24.40 1.87 0.00	19.97 1.57 0.00	17.00 1.17 -2.68

FARRAGUT___LBMP 323566	11.07 0.56 -3.68	6.89 0.50 0.00	6.35 0.45 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.66 0.78 0.00	14.98 1.04 0.00	18.71 1.28 0.00	16.81 1.13 0.00	16.48 1.18 0.00	15.59 1.24 0.00	15.67 1.34 0.00	14.42 1.19 -1.06	15.68 1.41 0.00	17.72 1.61 0.00	15.98 1.45 0.00	18.27 1.48 -1.07	20.93 1.81 -0.73	21.79 1.83 0.00	20.93 1.65 -0.34	24.17 1.82 -0.51	24.38 1.85 0.00	19.96 1.56 0.00	16.99 1.15 -2.68
FENNER___WINDPWR 24204	7.45 0.05 -0.57	6.44 0.05 0.00	5.96 0.05 0.00	6.92 0.06 0.00	6.98 0.08 0.00	11.01 0.13 0.00	14.18 0.24 0.00	17.74 0.30 0.00	15.90 0.22 0.00	15.47 0.17 0.00	14.46 0.11 0.00	14.38 0.05 0.00	12.32 0.01 -0.13	14.28 0.02 0.00	16.12 0.00 0.00	14.54 0.01 0.00	15.82 -0.03 -0.14	18.50 0.02 -0.09	20.06 0.10 0.00	19.18 0.19 -0.04	22.14 0.23 -0.06	22.66 0.13 0.00	18.46 0.06 0.00	13.54 0.04 -0.34
FIBERTEK___ENERGY 23856	7.37 -0.08 -0.63	6.31 -0.08 0.00	5.83 -0.07 0.00	6.77 -0.09 0.00	6.83 -0.08 0.00	10.80 -0.09 0.00	13.92 -0.02 0.00	17.43 -0.01 0.00	15.63 -0.05 0.00	15.23 -0.07 0.00	14.27 -0.08 0.00	14.23 -0.10 0.00	12.19 -0.11 -0.12	14.15 -0.12 0.00	15.94 -0.18 0.00	14.38 -0.15 0.00	15.63 -0.21 -0.12	18.26 -0.21 -0.08	19.77 -0.19 0.00	18.83 -0.15 -0.04	21.74 -0.16 -0.06	22.29 -0.24 0.00	18.15 -0.25 0.00	13.31 -0.16 -0.31
FITZPATRICK____ 23598	6.87 -0.26 -0.29	6.15 -0.24 0.00	5.68 -0.22 0.00	6.60 -0.26 0.00	6.65 -0.26 0.00	10.50 -0.38 0.00	13.52 -0.42 0.00	16.93 -0.51 0.00	15.22 -0.46 0.00	14.83 -0.47 0.00	13.90 -0.45 0.00	13.86 -0.47 0.00	11.84 -0.42 -0.08	13.78 -0.49 0.00	15.52 -0.60 0.00	14.01 -0.52 0.00	15.19 -0.60 -0.09	17.77 -0.68 -0.06	19.24 -0.72 0.00	18.32 -0.65 -0.03	21.15 -0.74 -0.04	21.72 -0.81 0.00	17.70 -0.70 0.00	12.90 -0.47 -0.21
FLOWRFLD_69_KV_BK1 356044	11.27 0.76 -3.68	7.06 0.67 0.00	6.50 0.59 0.00	7.54 0.68 0.00	7.58 0.68 0.00	11.92 1.04 0.00	15.34 1.41 0.00	19.09 1.65 0.00	17.01 1.33 0.00	16.61 1.30 0.00	15.62 1.28 0.00	15.54 1.21 0.00	14.45 1.22 -1.06	15.77 1.50 0.00	17.95 1.84 -7.42	23.67 1.71 -9.77	27.31 1.83 -9.77	27.64 2.24 -7.01	22.26 2.30 0.00	21.15 1.87 -0.34	24.46 2.11 -0.51	24.69 2.16 0.00	20.20 1.80 0.00	17.19 1.35 -2.68
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	11.05 0.54 -3.68	6.87 0.48 0.00	6.33 0.43 0.00	7.35 0.49 0.00	7.39 0.49 0.00	11.66 0.78 0.00	14.97 1.04 0.00	18.69 1.25 0.00	16.77 1.09 0.00	16.41 1.11 0.00	15.49 1.15 0.00	15.56 1.22 0.00	14.31 1.08 -1.05	15.53 1.27 0.00	17.56 1.44 0.00	15.86 1.33 0.00	18.19 1.41 -1.07	20.87 1.76 -0.73	21.78 1.82 0.00	20.95 1.68 -0.33	24.23 1.88 -0.50	24.41 1.88 0.00	19.92 1.53 0.00	16.93 1.10 -2.66
FORT ORANGE____ 23900	11.41 0.18 -4.40	6.56 0.16 0.00	6.04 0.14 0.00	7.05 0.19 0.00	7.08 0.17 0.00	11.15 0.26 0.00	14.19 0.26 0.00	17.70 0.26 0.00	15.84 0.16 0.00	15.48 0.17 0.00	14.58 0.24 0.00	14.62 0.29 0.00	13.70 0.27 -1.26	14.54 0.28 0.00	16.45 0.34 0.00	14.82 0.29 0.00	17.34 0.35 -1.28	19.66 0.40 -0.87	20.41 0.45 0.00	19.85 0.51 -0.40	23.05 0.60 -0.60	23.11 0.58 0.00	18.88 0.48 0.00	16.74 0.38 -3.20
FORT_DRUM_COGEN 23780	6.98 -0.07 -0.22	6.34 -0.05 0.00	5.86 -0.04 0.00	6.84 -0.02 0.00	6.90 -0.01 0.00	10.88 -0.01 0.00	13.99 0.06 0.00	17.40 -0.04 0.00	15.44 -0.24 0.00	14.96 -0.34 0.00	13.94 -0.67 -0.27	10.82 -1.01 2.51	6.23 -0.97 4.97	8.95 -1.13 4.18	10.75 -1.22 4.14	8.90 -1.08 4.55	16.32 -1.26 -1.87	18.63 -1.30 -1.54	19.07 -1.22 -0.33	20.01 -0.90 -1.97	22.97 -0.87 -2.00	23.49 -0.92 -1.88	19.10 -0.78 -1.48	13.02 -0.57 -0.43
FPL_FAR_ROCK_GT1 24212	11.22 0.70 -3.68	7.02 0.63 0.00	6.48 0.58 0.00	7.52 0.66 0.00	7.55 0.65 0.00	11.86 0.97 0.00	15.24 1.31 0.00	19.01 1.57 0.00	17.03 1.35 0.00	16.71 1.40 0.00	15.77 1.42 0.00	15.76 1.43 0.00	14.56 1.33 -1.06	15.87 1.60 0.00	18.02 1.90 0.00	23.70 1.75 -7.42	27.29 1.82 -9.77	27.45 2.05 -7.01	22.06 2.10 0.00	21.05 1.77 -0.34	24.37 2.02 -0.51	24.78 2.25 0.00	20.22 1.82 0.00	17.20 1.36 -2.68
FPL_FAR_ROCK_GT2 23815	11.22 0.70 -3.68	7.02 0.63 0.00	6.48 0.58 0.00	7.52 0.66 0.00	7.55 0.65 0.00	11.86 0.97 0.00	15.24 1.31 0.00	19.01 1.57 0.00	17.03 1.35 0.00	16.71 1.40 0.00	15.77 1.42 0.00	15.76 1.43 0.00	14.56 1.33 -1.06	15.87 1.60 0.00	18.02 1.90 0.00	23.70 1.75 -7.42	27.29 1.82 -9.77	27.45 2.05 -7.01	22.06 2.10 0.00	21.05 1.77 -0.34	24.37 2.02 -0.51	24.78 2.25 0.00	20.22 1.82 0.00	17.20 1.36 -2.68
FRANKLIN_FALL_HYD 24054	6.69 -0.14 0.00	6.31 -0.08 0.00	5.85 -0.06 0.00	6.81 -0.05 0.00	6.82 -0.08 0.00	10.78 -0.11 0.00	13.78 -0.15 0.00	17.21 -0.23 0.00	15.47 -0.21 0.00	14.99 -0.32 0.00	17.54 -0.65 -3.84	9.00 -0.77 4.56	-9.25 -0.68 20.75	-1.01 -0.78 14.49	1.86 -0.77 13.49	-2.93 -0.72 16.74	40.16 -0.71 -25.16	41.66 -0.83 -24.10	36.11 -0.88 -17.03	45.28 -0.89 -27.23	49.21 -1.02 -28.38	49.62 -0.98 -28.07	41.64 -0.76 -24.00	26.79 -0.60 -14.23
FREEPORT_EQUS_GT1 23764	11.18 0.66 -3.68	6.99 0.59 0.00	6.44 0.54 0.00	7.47 0.61 0.00	7.51 0.60 0.00	11.79 0.91 0.00	15.15 1.22 0.00	18.91 1.47 0.00	16.93 1.25 0.00	16.60 1.30 0.00	15.65 1.31 0.00	15.64 1.31 0.00	14.47 1.24 -1.06	15.75 1.48 0.00	17.89 1.77 0.00	23.59 1.64 -7.42	27.18 1.71 -9.77	27.46 2.07 -7.01	22.07 2.12 0.00	21.06 1.78 -0.34	24.36 2.01 -0.51	24.59 2.07 0.00	20.11 1.71 0.00	17.12 1.28 -2.68
FREEPORT___CT2 23818	11.18 0.66 -3.68	6.99 0.59 0.00	6.44 0.54 0.00	7.47 0.61 0.00	7.51 0.60 0.00	11.79 0.91 0.00	15.15 1.22 0.00	18.91 1.47 0.00	16.93 1.25 0.00	16.60 1.30 0.00	15.65 1.31 0.00	15.64 1.31 0.00	14.47 1.24 -1.06	15.75 1.48 0.00	17.89 1.77 0.00	23.59 1.64 -7.42	27.18 1.71 -9.77	27.46 2.07 -7.01	22.07 2.12 0.00	21.06 1.78 -0.34	24.36 2.01 -0.51	24.59 2.07 0.00	20.11 1.71 0.00	17.12 1.28 -2.68
FRESHKLS_33_KV_LOAD 356253	11.07 0.56 -3.68	6.91 0.51 0.00	6.35 0.45 0.00	7.37 0.51 0.00	7.41 0.50 0.00	11.70 0.81 0.00	15.01 1.08 0.00	18.72 1.28 0.00	16.80 1.13 0.00	16.46 1.15 0.00	15.55 1.21 0.00	15.62 1.29 0.00	14.40 1.17 -1.06	15.65 1.39 0.00	17.71 1.59 0.00	15.97 1.44 0.00	18.26 1.47 -1.07	20.94 1.82 -0.73	21.84 1.88 0.00	20.99 1.72 -0.34	24.25 1.90 -0.51	24.47 1.94 0.00	20.03 1.63 0.00	17.02 1.18 -2.68
FULTON COGEN____ 23766	6.98 -0.20 -0.36	6.21 -0.18 0.00	5.74 -0.16 0.00	6.66 -0.20 0.00	6.72 -0.19 0.00	10.63 -0.26 0.00	13.68 -0.25 0.00	17.14 -0.30 0.00	15.39 -0.29 0.00	14.99 -0.31 0.00	14.05 -0.29 0.00	14.01 -0.32 0.00	11.98 -0.29 -0.10	13.92 -0.34 0.00	15.67 -0.45 0.00	14.14 -0.39 0.00	15.35 -0.46 -0.10	17.95 -0.51 -0.07	19.44 -0.52 0.00	18.52 -0.45 -0.03	21.39 -0.51 -0.05	21.94 -0.59 0.00	17.86 -0.54 0.00	13.06 -0.36 -0.26

FULTON___LFGE 323630	12.57 0.54 -5.20	6.90 0.51 0.00	6.39 0.49 0.00	7.44 0.58 0.00	7.51 0.60 0.00	11.82 0.93 0.00	15.32 1.39 0.00	19.02 1.58 0.00	16.99 1.31 0.00	16.34 1.04 0.00	15.07 0.72 0.00	14.92 0.59 0.00	14.10 0.43 -1.49	14.80 0.53 0.00	16.91 0.79 0.00	15.35 0.82 0.00	18.24 1.02 -1.51	20.32 0.90 -1.03	21.47 1.51 0.00	21.14 1.73 -0.47	24.61 2.05 -0.71	24.59 2.07 0.00	20.02 1.62 0.00	18.04 1.11 -3.77
G.F.CEMENT___DRP 24184	11.62 0.19 -4.60	6.53 0.14 0.00	6.00 0.10 0.00	6.99 0.13 0.00	7.05 0.14 0.00	11.16 0.27 0.00	14.35 0.42 0.00	17.95 0.52 0.00	16.01 0.33 0.00	15.64 0.33 0.00	14.69 0.35 0.00	14.72 0.39 0.00	13.86 0.37 -1.32	14.65 0.38 0.00	16.56 0.44 0.00	14.95 0.42 0.00	17.61 0.57 -1.34	19.99 0.70 -0.91	20.75 0.80 0.00	20.18 0.82 -0.42	23.48 1.01 -0.63	23.52 0.99 0.00	19.17 0.77 0.00	17.02 0.53 -3.34
GARDENVILLE___LBMP 24039	6.87 -0.29 -0.33	6.16 -0.23 0.00	5.71 -0.19 0.00	6.60 -0.26 0.00	6.66 -0.26 0.00	10.60 -0.29 0.00	13.72 -0.22 0.00	17.31 -0.13 0.00	15.77 0.08 0.00	15.37 0.06 -0.01	14.38 0.03 0.00	14.23 -0.10 0.00	12.20 -0.16 -0.18	14.09 -0.18 0.00	15.68 -0.44 -0.01	14.18 -0.36 0.00	15.32 -0.58 -0.19	8.71 -0.66 9.02	10.32 -0.70 8.94	13.20 -0.57 5.17	7.60 -0.61 13.63	8.37 -0.73 13.43	6.30 -0.65 11.45	7.72 -0.30 5.14
GARDNVLA_35_KV_LD 355827	6.91 -0.27 -0.34	6.18 -0.21 0.00	5.73 -0.17 0.00	6.63 -0.23 0.00	6.68 -0.23 0.00	10.64 -0.25 0.00	13.77 -0.16 0.00	17.40 -0.05 0.00	15.84 0.16 0.00	15.44 0.13 -0.01	14.45 0.11 0.00	14.31 -0.02 0.00	12.26 -0.09 -0.18	14.16 -0.10 0.00	15.78 -0.35 -0.01	14.26 -0.27 0.00	15.40 -0.50 -0.19	10.38 -0.56 7.45	11.97 -0.58 7.40	14.21 -0.46 4.27	10.07 -0.49 11.28	10.78 -0.61 11.13	8.37 -0.57 9.46	8.74 -0.25 4.17
GELCKHM___115KV_LOAD 80723	7.20 -0.13 -0.50	6.27 -0.13 0.00	5.79 -0.11 0.00	6.72 -0.14 0.00	6.77 -0.13 0.00	10.72 -0.17 0.00	13.80 -0.13 0.00	17.29 -0.14 0.00	15.53 -0.15 0.00	15.13 -0.17 0.00	14.18 -0.16 0.00	14.14 -0.20 0.00	12.10 -0.18 -0.11	14.06 -0.21 0.00	15.83 -0.28 0.00	14.29 -0.24 0.00	15.52 -0.31 -0.11	18.13 -0.33 -0.08	19.63 -0.33 0.00	18.69 -0.28 -0.03	21.58 -0.32 -0.05	22.14 -0.38 0.00	18.03 -0.37 0.00	13.20 -0.24 -0.28
GENERAL___MILLS 23808	6.89 -0.28 -0.34	6.18 -0.22 0.00	5.72 -0.18 0.00	6.62 -0.24 0.00	6.67 -0.24 0.00	10.63 -0.26 0.00	13.76 -0.18 0.00	17.37 -0.07 0.00	15.81 0.13 0.00	15.41 0.10 -0.01	14.42 0.08 0.00	14.28 -0.05 0.00	12.24 -0.12 -0.18	14.13 -0.13 0.00	15.74 -0.39 -0.01	14.22 -0.31 0.00	15.37 -0.54 -0.19	9.91 -0.60 7.88	11.50 -0.63 7.82	13.91 -0.51 4.52	9.39 -0.54 11.92	10.11 -0.66 11.75	7.80 -0.60 10.00	8.46 -0.27 4.43
GE_PLASTICS___DRP 24183	11.42 0.19 -4.41	6.56 0.17 0.00	6.05 0.14 0.00	7.04 0.18 0.00	7.08 0.17 0.00	11.14 0.26 0.00	14.21 0.28 0.00	17.73 0.29 0.00	15.89 0.21 0.00	15.53 0.23 0.00	14.63 0.29 0.00	14.67 0.34 0.00	13.75 0.31 -1.26	14.60 0.34 0.00	16.51 0.39 0.00	14.88 0.35 0.00	17.39 0.39 -1.28	19.71 0.45 -0.87	20.44 0.48 0.00	19.85 0.51 -0.40	23.03 0.58 -0.61	23.10 0.57 0.00	18.88 0.48 0.00	16.74 0.38 -3.20
GILBOA___1 23756	10.55 0.22 -3.50	6.59 0.20 0.00	6.08 0.18 0.00	7.07 0.21 0.00	7.13 0.23 0.00	11.20 0.31 0.00	14.34 0.40 0.00	17.91 0.48 0.00	16.07 0.39 0.00	15.71 0.41 0.00	14.79 0.44 0.00	14.83 0.49 0.00	13.60 0.43 -1.00	14.76 0.49 0.00	16.67 0.55 0.00	15.03 0.50 0.00	17.25 0.52 -1.02	19.69 0.61 -0.69	20.60 0.64 0.00	19.88 0.62 -0.32	23.05 0.73 -0.48	23.26 0.73 0.00	19.00 0.60 0.00	16.15 0.45 -2.54
GILBOA___2 23757	10.55 0.22 -3.50	6.59 0.20 0.00	6.08 0.18 0.00	7.07 0.21 0.00	7.13 0.23 0.00	11.20 0.31 0.00	14.34 0.40 0.00	17.91 0.48 0.00	16.07 0.39 0.00	15.71 0.41 0.00	14.79 0.44 0.00	14.83 0.49 0.00	13.60 0.43 -1.00	14.76 0.49 0.00	16.67 0.55 0.00	15.03 0.50 0.00	17.25 0.52 -1.02	19.69 0.61 -0.69	20.60 0.64 0.00	19.88 0.62 -0.32	23.05 0.73 -0.48	23.26 0.73 0.00	19.00 0.60 0.00	16.15 0.45 -2.54
GILBOA___3 23758	10.55 0.22 -3.50	6.59 0.20 0.00	6.08 0.18 0.00	7.07 0.21 0.00	7.13 0.23 0.00	11.20 0.31 0.00	14.34 0.40 0.00	17.91 0.48 0.00	16.07 0.39 0.00	15.71 0.41 0.00	14.79 0.44 0.00	14.83 0.49 0.00	13.60 0.43 -1.00	14.76 0.49 0.00	16.67 0.55 0.00	15.03 0.50 0.00	17.25 0.52 -1.02	19.69 0.61 -0.69	20.60 0.64 0.00	19.88 0.62 -0.32	23.05 0.73 -0.48	23.26 0.73 0.00	19.00 0.60 0.00	16.15 0.45 -2.54
GILBOA___4 23759	10.55 0.22 -3.50	6.59 0.20 0.00	6.08 0.18 0.00	7.07 0.21 0.00	7.13 0.23 0.00	11.20 0.31 0.00	14.34 0.40 0.00	17.91 0.48 0.00	16.07 0.39 0.00	15.71 0.41 0.00	14.79 0.44 0.00	14.83 0.49 0.00	13.60 0.43 -1.00	14.76 0.49 0.00	16.67 0.55 0.00	15.03 0.50 0.00	17.25 0.52 -1.02	19.69 0.61 -0.69	20.60 0.64 0.00	19.88 0.62 -0.32	23.05 0.73 -0.48	23.26 0.73 0.00	19.00 0.60 0.00	16.15 0.45 -2.54
GILBOA___ 23599	10.55 0.22 -3.50	6.59 0.20 0.00	6.08 0.18 0.00	7.07 0.21 0.00	7.13 0.23 0.00	11.20 0.31 0.00	14.34 0.40 0.00	17.91 0.48 0.00	16.07 0.39 0.00	15.71 0.41 0.00	14.79 0.44 0.00	14.82 0.49 0.00	13.60 0.43 -1.00	14.76 0.50 0.00	16.67 0.55 0.00	15.03 0.50 0.00	17.25 0.52 -1.02	19.69 0.61 -0.69	20.60 0.64 0.00	19.88 0.62 -0.32	23.06 0.74 -0.48	23.26 0.73 0.00	19.00 0.60 0.00	16.15 0.45 -2.54
GINNA___ 23603	6.02 -0.52 0.29	5.92 -0.47 0.00	5.48 -0.43 0.00	6.35 -0.51 0.00	6.40 -0.51 0.00	10.16 -0.72 0.00	13.15 -0.78 0.00	16.54 -0.90 0.00	14.93 -0.75 0.00	14.53 -0.77 0.00	13.61 -0.73 0.00	13.53 -0.80 0.00	11.60 -0.71 -0.13	13.43 -0.83 0.00	15.05 -1.06 0.00	13.59 -0.94 0.00	14.74 -1.11 -0.14	18.42 -1.26 -1.29	18.63 -1.33 0.00	17.80 -1.18 -0.04	20.59 -1.33 -0.06	21.06 -1.47 0.00	17.10 -1.29 0.01	12.65 -0.85 -0.34
GLEN PARK___ 23778	7.00 -0.06 -0.23	6.35 -0.04 0.00	5.88 -0.03 0.00	6.86 0.00 0.00	6.92 0.01 0.00	10.92 0.03 0.00	14.05 0.11 0.00	17.46 0.03 0.00	15.47 -0.21 0.00	14.97 -0.33 0.00	13.93 -0.67 -0.26	10.95 -1.01 2.37	6.50 -0.97 4.70	9.17 -1.13 3.96	10.98 -1.21 3.92	9.16 -1.07 4.31	16.23 -1.26 -1.78	18.58 -1.28 -1.47	19.09 -1.18 -0.31	20.00 -0.82 -1.87	23.01 -0.74 -1.90	23.52 -0.80 -1.79	19.10 -0.71 -1.41	13.06 -0.52 -0.43
GLENDALE_27_KV_LOAD 356172	11.10 0.59 -3.68	6.92 0.53 0.00	6.37 0.47 0.00	7.39 0.53 0.00	7.43 0.52 0.00	11.70 0.81 0.00	15.03 1.10 0.00	18.80 1.37 0.00	16.90 1.22 0.00	16.57 1.27 0.00	15.68 1.33 0.00	15.76 1.43 0.00	14.49 1.26 -1.06	15.76 1.50 0.00	17.83 1.71 0.00	16.07 1.54 0.00	18.37 1.59 -1.07	21.05 1.93 -0.73	21.93 1.97 0.00	21.05 1.78 -0.34	24.30 1.95 -0.51	24.51 1.98 0.00	20.06 1.66 0.00	17.06 1.22 -2.68

GLENWOOD_IC_1_G5 23712	11.13 0.62 -3.68	6.95 0.55 0.00	6.40 0.50 0.00	7.42 0.56 0.00	7.46 0.56 0.00	11.74 0.86 0.00	15.08 1.15 0.00	18.83 1.39 0.00	16.88 1.20 0.00	16.56 1.25 0.00	15.65 1.31 0.00	15.68 1.34 0.00	14.46 1.23 -1.06	15.74 1.47 0.00	17.84 1.72 0.00	23.53 1.57 -7.42	27.12 1.64 -9.77	27.39 1.99 -7.01	21.99 2.03 0.00	21.04 1.77 -0.34	24.32 1.97 -0.51	24.54 2.01 0.00	20.04 1.64 0.00	17.06 1.21 -2.68
GLENWOOD_IC_2_G1 23688	11.09 0.58 -3.68	6.91 0.52 0.00	6.37 0.47 0.00	7.39 0.53 0.00	7.43 0.52 0.00	11.69 0.81 0.00	15.01 1.08 0.00	18.74 1.31 0.00	16.81 1.13 0.00	16.48 1.18 0.00	15.58 1.24 0.00	15.63 1.29 0.00	14.41 1.18 -1.06	15.67 1.40 0.00	17.74 1.62 0.00	23.43 1.48 -7.42	27.02 1.54 -9.77	27.27 1.87 -7.01	21.86 1.90 0.00	20.95 1.67 -0.34	24.21 1.86 -0.51	24.43 1.90 0.00	19.95 1.56 0.00	17.00 1.16 -2.68
GLENWOOD_IC_3_G1 23689	11.09 0.58 -3.68	6.91 0.52 0.00	6.37 0.47 0.00	7.39 0.53 0.00	7.43 0.52 0.00	11.69 0.81 0.00	15.01 1.08 0.00	18.74 1.31 0.00	16.81 1.13 0.00	16.48 1.18 0.00	15.58 1.24 0.00	15.63 1.29 0.00	14.41 1.18 -1.06	15.67 1.40 0.00	17.74 1.62 0.00	23.43 1.48 -7.42	27.02 1.54 -9.77	27.27 1.87 -7.01	21.86 1.90 0.00	20.95 1.67 -0.34	24.21 1.86 -0.51	24.43 1.90 0.00	19.95 1.56 0.00	17.00 1.16 -2.68
GLENWOOD___4 23550	11.13 0.62 -3.68	6.95 0.55 0.00	6.40 0.50 0.00	7.42 0.56 0.00	7.46 0.56 0.00	11.74 0.86 0.00	15.08 1.15 0.00	18.83 1.39 0.00	16.88 1.20 0.00	16.56 1.25 0.00	15.65 1.31 0.00	15.68 1.34 0.00	14.46 1.23 -1.06	15.74 1.47 0.00	17.84 1.72 0.00	23.53 1.57 -7.42	27.12 1.64 -9.77	27.39 1.99 -7.01	21.99 2.03 0.00	21.04 1.77 -0.34	24.32 1.97 -0.51	24.54 2.01 0.00	20.04 1.64 0.00	17.06 1.21 -2.68
GLENWOOD___5 23614	11.13 0.62 -3.68	6.95 0.55 0.00	6.40 0.50 0.00	7.42 0.56 0.00	7.46 0.56 0.00	11.74 0.86 0.00	15.08 1.15 0.00	18.83 1.39 0.00	16.88 1.20 0.00	16.56 1.25 0.00	15.65 1.31 0.00	15.68 1.34 0.00	14.46 1.23 -1.06	15.74 1.47 0.00	17.84 1.72 0.00	23.53 1.57 -7.42	27.12 1.64 -9.77	27.39 1.99 -7.01	21.99 2.03 0.00	21.04 1.77 -0.34	24.32 1.97 -0.51	24.54 2.01 0.00	20.04 1.64 0.00	17.06 1.21 -2.68
GLOBAL GREEN_PORT_GT1 23814	11.41 0.90 -3.68	7.18 0.79 0.00	6.62 0.72 0.00	7.70 0.84 0.00	7.73 0.83 0.00	12.19 1.30 0.00	15.70 1.77 0.00	19.55 2.11 0.00	17.42 1.74 0.00	16.98 1.68 0.00	15.97 1.62 0.00	15.84 1.50 0.00	14.67 1.44 -1.06	16.02 1.44 0.00	18.24 2.12 0.00	23.93 1.98 -7.42	27.61 2.13 -9.77	28.09 2.69 -7.01	22.76 2.80 0.00	21.62 2.34 -0.34	25.03 2.67 -0.51	25.24 2.71 0.00	20.57 2.17 0.00	17.42 1.58 -2.68
GLOBE___DSASP 323697	6.55 -0.55 -0.28	5.92 -0.47 0.00	5.48 -0.42 0.00	6.33 -0.53 0.00	6.38 -0.53 0.00	10.15 -0.74 0.00	13.13 -0.80 0.00	16.56 -0.88 0.00	15.12 -0.56 0.00	14.72 -0.58 0.00	13.80 -0.54 0.00	13.65 -0.68 0.00	11.71 -0.63 -0.17	13.52 -0.74 0.00	15.02 -1.10 0.00	13.60 -0.93 0.00	14.68 -1.20 -0.17	10.95 -1.37 6.07	12.42 -1.50 6.04	14.14 -1.33 3.48	11.33 -1.33 9.19	12.02 -1.44 9.07	9.66 -1.21 7.52	9.21 -0.66 3.29
GOETHSLN___LBMP 323567	11.04 0.53 -3.68	6.87 0.48 0.00	6.33 0.43 0.00	7.34 0.48 0.00	7.38 0.47 0.00	11.63 0.74 0.00	14.93 1.00 0.00	18.65 1.22 0.00	16.75 1.07 0.00	16.42 1.12 0.00	15.52 1.18 0.00	15.62 1.29 0.00	14.36 1.13 -1.06	15.62 1.36 0.00	17.67 1.55 0.00	15.92 1.39 0.00	18.18 1.39 -1.07	20.85 1.72 -0.73	21.71 1.75 0.00	20.84 1.57 -0.34	24.09 1.73 -0.51	24.29 1.76 0.00	19.91 1.51 0.00	16.96 1.12 -2.68
GOLAH___69_KV_TB 1_2 80279	6.64 -0.23 -0.04	6.20 -0.19 0.00	5.73 -0.17 0.00	6.63 -0.23 0.00	6.69 -0.22 0.00	10.66 -0.23 0.00	13.87 -0.07 0.00	17.46 0.03 0.00	15.77 0.09 0.00	15.32 0.02 0.00	14.34 0.00 0.00	14.24 -0.09 0.00	12.19 -0.12 -0.14	14.11 -0.15 0.00	15.78 -0.34 0.00	14.24 -0.28 0.00	15.44 -0.41 -0.14	18.05 -0.44 -0.10	19.56 -0.40 0.00	18.71 -0.28 -0.04	21.66 -0.25 -0.07	22.15 -0.37 0.00	18.00 -0.40 0.00	13.31 -0.20 -0.36
GOODYEAR_LAKE_HYD 323669	8.06 0.29 -0.95	6.65 0.26 0.00	6.15 0.24 0.00	7.14 0.28 0.00	7.21 0.30 0.00	11.38 0.49 0.00	14.67 0.74 0.00	18.38 0.95 0.00	16.53 0.85 0.00	16.11 0.80 0.00	15.07 0.73 0.00	15.02 0.69 0.00	12.97 0.55 -0.25	14.90 0.64 0.00	16.82 0.70 0.00	15.18 0.65 0.00	16.61 0.65 -0.25	19.36 0.80 -0.17	20.86 0.90 0.00	19.88 0.86 -0.08	22.98 1.01 -0.12	23.55 1.02 0.00	19.19 0.79 -0.01	14.35 0.57 -0.63
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	8.25 0.10 -1.33	6.47 0.08 0.00	5.99 0.09 0.00	6.96 0.10 0.00	7.01 0.10 0.00	11.07 0.18 0.00	14.26 0.32 0.00	17.88 0.44 0.00	16.08 0.40 0.00	15.68 0.37 0.00	14.68 0.33 0.00	14.64 0.31 0.00	12.74 0.24 -0.33	14.56 0.30 0.00	16.38 0.27 0.00	14.84 0.31 0.00	16.26 0.21 -0.33	18.94 0.31 -0.24	20.31 0.35 -0.01	19.36 0.31 -0.11	22.36 0.35 -0.17	22.85 0.31 -0.01	18.65 0.24 -0.02	14.21 0.22 -0.83
GOUDEY___7 23579	8.25 0.10 -1.33	6.48 0.09 0.00	6.00 0.09 0.00	6.96 0.10 0.00	7.02 0.11 0.00	11.07 0.19 0.00	14.27 0.33 0.00	17.89 0.46 0.00	16.10 0.42 0.00	15.69 0.39 0.00	14.68 0.34 0.00	14.66 0.32 0.00	12.75 0.25 -0.33	14.57 0.31 0.00	16.40 0.28 0.00	14.85 0.32 0.00	16.27 0.22 -0.33	18.95 0.33 -0.24	20.33 0.37 -0.01	19.38 0.33 -0.11	22.38 0.37 -0.17	22.87 0.32 -0.01	18.67 0.25 -0.02	14.22 0.23 -0.83
GOUDEY___8 23580	8.25 0.10 -1.33	6.47 0.08 0.00	5.99 0.09 0.00	6.96 0.10 0.00	7.01 0.10 0.00	11.07 0.18 0.00	14.26 0.32 0.00	17.88 0.44 0.00	16.08 0.40 0.00	15.68 0.37 0.00	14.68 0.33 0.00	14.64 0.31 0.00	12.74 0.24 -0.33	14.56 0.30 0.00	16.38 0.27 0.00	14.84 0.31 0.00	16.26 0.21 -0.33	18.94 0.31 -0.24	20.31 0.35 -0.01	19.36 0.31 -0.11	22.36 0.35 -0.17	22.85 0.31 -0.01	18.65 0.24 -0.02	14.21 0.22 -0.83
GOWANUS_GT1_1 24077	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GOWANUS_GT1_2 24078	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68

GOWANUS_GT1_3 24079	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GOWANUS_GT1_4 24080	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GOWANUS_GT1_5 24084	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GOWANUS_GT1_6 24111	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GOWANUS_GT1_7 24112	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GOWANUS_GT1_8 24113	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GOWANUS_GT2_1 24114	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GOWANUS_GT2_2 24115	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00															

GOWANUS_GT3_2 24123	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GOWANUS_GT3_3 24124	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GOWANUS_GT3_4 24125	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GOWANUS_GT3_5 24126	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GOWANUS_GT3_6 24127	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GOWANUS_GT3_7 24128	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GOWANUS_GT3_8 24129	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GOWANUS_GT4_1 24130	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GOWANUS_GT4_2 24131	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GOWANUS_GT4_3 24132	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GOWANUS_GT4_4 24133	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GOWANUS_GT4_5 24134	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GOWANUS_GT4_6 24135	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GOWANUS_GT4_7 24136	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GOWANUS_GT4_8 24137	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68

GREENBSH_115KV_TB3 55895	11.41 0.16 -4.42	6.53 0.14 0.00	6.02 0.12 0.00	7.02 0.16 0.00	7.05 0.15 0.00	11.09 0.21 0.00	14.13 0.19 0.00	17.61 0.17 0.00	15.78 0.10 0.00	15.43 0.12 0.00	14.54 0.20 0.00	14.59 0.25 0.00	13.68 0.24 -1.27	14.51 0.25 0.00	16.42 0.30 0.00	14.79 0.26 0.00	17.30 0.30 -1.29	19.60 0.34 -0.88	20.32 0.36 0.00	19.75 0.40 -0.40	22.92 0.47 -0.61	22.98 0.45 0.00	18.79 0.39 0.00	16.69 0.32 -3.21
GREENDGE_115KV_TB5 80291	9.28 -0.01 -2.46	6.38 -0.01 0.00	5.92 0.02 0.00	6.88 0.02 0.00	6.94 0.03 0.00	11.01 0.12 0.00	14.42 0.49 0.00	18.12 0.68 0.00	16.11 0.43 0.00	15.59 0.29 0.00	14.55 0.21 0.00	14.48 0.14 0.00	12.45 0.07 -0.21	14.34 0.07 0.00	16.08 -0.04 0.00	14.55 0.02 0.00	15.82 -0.11 -0.21	28.97 -0.10 -10.68	30.22 -0.03 -10.28	25.09 0.06 -6.09	37.74 -0.02 -15.91	37.82 -0.16 -15.45	31.33 -0.22 -13.14	19.93 -0.06 -6.83
GREENIDGE___3 23582	9.28 -0.01 -2.46	6.38 -0.01 0.00	5.92 0.02 0.00	6.88 0.02 0.00	6.94 0.03 0.00	11.01 0.12 0.00	14.42 0.49 0.00	18.12 0.68 0.00	16.11 0.43 0.00	15.59 0.29 0.00	14.55 0.21 0.00	14.48 0.14 0.00	12.45 0.07 -0.21	14.34 0.07 0.00	16.08 -0.04 0.00	14.55 0.02 0.00	15.82 -0.11 -0.21	28.97 -0.10 -10.68	30.22 -0.03 -10.28	25.09 0.06 -6.09	37.74 -0.02 -15.91	37.82 -0.16 -15.45	31.33 -0.22 -13.14	19.93 -0.06 -6.83
GREENIDGE___4 23583	9.28 -0.01 -2.46	6.38 -0.01 0.00	5.92 0.02 0.00	6.87 0.02 0.00	6.94 0.03 0.00	11.00 0.11 0.00	14.42 0.49 0.00	18.12 0.68 0.00	16.11 0.43 0.00	15.59 0.29 0.00	14.55 0.21 0.00	14.48 0.14 0.00	12.45 0.07 -0.21	14.34 0.07 0.00	16.08 -0.04 0.00	14.55 0.02 0.00	15.82 -0.11 -0.21	30.13 -0.10 -11.84	30.22 -0.03 -10.28	25.11 0.07 -6.10	37.71 -0.03 -15.89	37.80 -0.16 -15.44	31.33 -0.22 -13.14	19.93 -0.06 -6.83
GREENLWN_69_KV_BK 3 55738	11.15 0.64 -3.68	6.96 0.57 0.00	6.42 0.51 0.00	7.44 0.58 0.00	7.49 0.58 0.00	11.75 0.86 0.00	15.10 1.16 0.00	18.82 1.39 0.00	16.82 1.14 0.00	16.48 1.18 0.00	15.53 1.18 0.00	15.48 1.15 0.00	14.35 1.12 -1.06	15.62 1.36 0.00	17.77 1.65 0.00	23.48 1.53 -7.42	27.08 1.60 -9.77	27.32 1.93 -7.01	21.89 1.93 0.00	20.83 1.55 -0.34	24.10 1.74 -0.51	24.32 1.79 0.00	19.91 1.52 0.00	17.01 1.17 -2.68
GREENWD_138_KV_38B11_REV_LBMP_J 345004	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.37 0.52 0.00	7.42 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.53 1.23 0.00	15.64 1.29 0.00	15.72 1.38 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.04 1.76 -0.34	24.30 1.95 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
GRISSOM___SOLAR 323813	12.57 0.54 -5.20	6.90 0.51 0.00	6.39 0.49 0.00	7.44 0.58 0.00	7.51 0.60 0.00	11.82 0.93 0.00	15.32 1.39 0.00	19.02 1.58 0.00	16.99 1.31 0.00	16.34 1.04 0.00	15.07 0.72 0.00	14.92 0.59 0.00	14.10 0.43 -1.49	14.80 0.53 0.00	16.91 0.79 0.00	15.35 0.82 0.00	18.24 1.02 -1.51	20.32 0.90 -1.03	21.47 1.51 0.00	21.14 1.73 -0.47	24.61 2.05 -0.71	24.59 2.07 0.00	20.02 1.62 0.00	18.04 1.11 -3.77
GROVEVILLE___HYD 323602	11.05 0.54 -3.68	6.87 0.48 0.00	6.33 0.43 0.00	7.35 0.49 0.00	7.39 0.49 0.00	11.66 0.78 0.00	14.97 1.04 0.00	18.69 1.25 0.00	16.77 1.09 0.00	16.41 1.11 0.00	15.49 1.15 0.00	15.56 1.22 0.00	14.31 1.08 -1.05	15.53 1.27 0.00	17.56 1.44 0.00	15.86 1.33 0.00	18.19 1.41 -1.07	20.87 1.76 -0.73	21.78 1.82 0.00	20.95 1.68 -0.33	24.23 1.88 -0.50	24.41 1.88 0.00	19.92 1.53 0.00	16.93 1.10 -2.66
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	7.37 -0.08 -0.63	6.31 -0.08 0.00	5.83 -0.07 0.00	6.77 -0.09 0.00	6.83 -0.08 0.00	10.80 -0.09 0.00	13.92 -0.02 0.00	17.43 -0.01 0.00	15.63 -0.05 0.00	15.23 -0.07 0.00	14.27 -0.08 0.00	14.23 -0.10 0.00	12.19 -0.11 -0.12	14.15 -0.12 0.00	15.94 -0.18 0.00	14.38 -0.15 0.00	15.63 -0.21 -0.12	18.26 -0.21 -0.08	19.77 -0.19 0.00	18.83 -0.15 -0.04	21.74 -0.16 -0.06	22.29 -0.24 0.00	18.15 -0.25 0.00	13.31 -0.16 -0.31
HAMLTNNY_34_KV_TB 80303	7.44 -0.07 -0.68	6.32 -0.07 0.00	5.83 -0.07 0.00	6.78 -0.08 0.00	6.83 -0.08 0.00	10.83 -0.06 0.00	13.98 0.05 0.00	17.51 0.07 0.00	15.69 0.01 0.00	15.28 -0.02 0.00	14.31 -0.03 0.00	14.27 -0.06 0.00	12.23 -0.07 -0.13	14.19 -0.08 0.00	15.97 -0.15 0.00	14.42 -0.11 0.00	15.68 -0.17 -0.13	18.33 -0.15 -0.09	19.84 -0.12 0.00	18.90 -0.08 -0.04	21.81 -0.09 -0.06	22.35 -0.18 0.00	18.20 -0.20 0.00	13.37 -0.12 -0.32
HAMPSHIRE___PAPER_HYD 323593	6.76 -0.18 -0.12	6.24 -0.15 0.00	5.78 -0.13 0.00	6.73 -0.13 0.00	6.78 -0.13 0.00	10.65 -0.23 0.00	13.59 -0.34 0.00	16.96 -0.47 0.00	15.18 -0.50 0.00	14.75 -0.56 0.00	14.27 -0.76 -0.68	6.61 -0.96 6.77	-2.04 -0.89 13.33	2.08 -1.02 11.16	3.97 -1.08 11.07	1.45 -0.97 12.12	19.16 -1.04 -4.49	20.91 -1.14 -3.67	19.39 -1.15 -0.58	22.78 -0.99 -4.84	25.65 -1.08 -4.88	26.12 -1.03 -4.63	21.23 -0.77 -3.60	13.14 -0.58 -0.56
HARDSCRABBLE_WT_PWR 323673	6.76 -0.06 0.00	6.33 -0.06 0.00	5.87 -0.03 0.00	6.84 -0.02 0.00	6.89 -0.02 0.00	10.82 -0.07 0.00	13.82 -0.12 0.00	17.21 -0.23 0.00	15.36 -0.31 0.00	15.00 -0.31 0.00	14.10 -0.24 0.00	14.76 -0.27 -0.69	12.98 -0.32 -1.12	14.84 -0.42 -0.99	16.68 -0.44 -1.01	15.16 -0.44 -1.06	15.31 -0.41 0.00	18.01 -0.45 -0.07	19.75 -0.48 -0.28	18.63 -0.31 0.00	21.61 -0.26 -0.02	22.40 -0.17 -0.04	18.34 -0.14 -0.07	13.22 -0.17 -0.24
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	10.79 0.50 -3.47	6.84 0.44 0.00	6.31 0.40 0.00	7.32 0.46 0.00	7.36 0.45 0.00	11.59 0.71 0.00	14.89 0.96 0.00	18.64 1.20 0.00	16.72 1.04 0.00	16.36 1.06 0.00	15.44 1.10 0.00	15.51 1.18 0.00	14.20 1.04 -0.99	15.49 1.23 0.00	17.53 1.41 0.00	15.82 1.29 0.00	18.09 1.37 -1.00	20.77 1.70 -0.68	21.74 1.78 0.00	20.88 1.62 -0.31	24.13 1.81 -0.48	24.34 1.81 0.00	19.86 1.46 0.00	16.73 1.06 -2.51
HARSNRAD_115KV_TB1 81005	6.63 -0.44 -0.24	6.02 -0.37 0.00	5.58 -0.32 0.00	6.45 -0.41 0.00	6.50 -0.41 0.00	10.34 -0.55 0.00	13.36 -0.57 0.00	16.87 -0.57 0.00	15.38 -0.31 0.00	14.97 -0.33 0.00	14.02 -0.32 0.00	13.86 -0.47 0.00	11.88 -0.46 -0.17	13.73 -0.54 0.00	15.26 -0.86 0.00	13.80 -0.73 0.00	14.90 -0.98 -0.17	11.02 -1.13 6.24	12.53 -1.23 6.20	14.34 -1.03 3.57	11.29 -1.11 9.44	12.04 -1.18 9.31	9.69 -0.91 7.80	9.34 -0.46 3.36
HARZA MOOSE___RIVER 24016	6.99 0.01 -0.15	6.41 0.02 0.00	5.94 0.03 0.00	6.92 0.06 0.00	6.97 0.06 0.00	10.97 0.08 0.00	14.06 0.13 0.00	17.55 0.11 0.00	15.68 0.00 0.00	15.25 -0.05 0.00	14.30 -0.23 -0.19	12.56 -0.43 1.34	8.93 -0.44 2.81	11.41 -0.52 2.33	13.25 -0.57 2.30	11.48 -0.50 2.55	16.44 -0.57 -1.30	18.94 -0.56 -1.12	19.84 -0.51 -0.40	19.95 -0.37 -1.37	22.88 -0.37 -1.41	23.50 -0.36 -1.34	19.17 -0.30 -1.08	13.37 -0.22 -0.44

HDSNBRDG_115KV_BRDG_TB1 355580	7.09 -0.12 -0.39	6.27 -0.12 0.00	5.80 -0.11 0.00	6.73 -0.13 0.00	6.78 -0.12 0.00	10.73 -0.16 0.00	13.82 -0.12 0.00	17.31 -0.12 0.00	15.56 -0.12 0.00	15.17 -0.14 0.00	14.21 -0.13 0.00	14.18 -0.16 0.00	12.14 -0.15 -0.11	14.09 -0.17 0.00	15.87 -0.25 0.00	14.33 -0.20 0.00	15.56 -0.27 -0.11	18.18 -0.28 -0.08	19.67 -0.28 0.00	18.74 -0.23 -0.03	21.63 -0.27 -0.05	22.19 -0.34 0.00	18.07 -0.33 0.00	13.23 -0.21 -0.28
HELLGATE_13_KV_LD 55870	11.07 0.56 -3.68	6.90 0.51 0.00	6.35 0.45 0.00	7.36 0.50 0.00	7.41 0.50 0.00	11.65 0.77 0.00	14.98 1.04 0.00	18.72 1.28 0.00	16.82 1.14 0.00	16.50 1.19 0.00	15.60 1.26 0.00	15.68 1.35 0.00	14.43 1.19 -1.06	15.68 1.42 0.00	17.73 1.61 0.00	15.99 1.46 0.00	18.28 1.50 -1.07	20.93 1.82 -0.73	21.81 1.85 0.00	20.94 1.67 -0.34	24.18 1.83 -0.51	24.39 1.86 0.00	19.96 1.56 0.00	17.00 1.16 -2.68
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	11.07 0.56 -3.68	6.90 0.51 0.00	6.35 0.45 0.00	7.36 0.50 0.00	7.41 0.50 0.00	11.65 0.77 0.00	14.98 1.04 0.00	18.72 1.28 0.00	16.82 1.14 0.00	16.50 1.19 0.00	15.60 1.26 0.00	15.68 1.35 0.00	14.43 1.19 -1.06	15.68 1.42 0.00	17.73 1.61 0.00	15.99 1.46 0.00	18.28 1.50 -1.07	20.93 1.82 -0.73	21.81 1.85 0.00	20.94 1.67 -0.34	24.18 1.83 -0.51	24.39 1.86 0.00	19.96 1.56 0.00	17.00 1.16 -2.68
HEMPSTEAD____ 23647	11.13 0.62 -3.68	6.94 0.55 0.00	6.40 0.49 0.00	7.42 0.56 0.00	7.46 0.55 0.00	11.73 0.84 0.00	15.07 1.13 0.00	18.80 1.36 0.00	16.84 1.16 0.00	16.52 1.21 0.00	15.59 1.24 0.00	15.59 1.25 0.00	14.41 1.18 -1.06	15.68 1.41 0.00	17.80 1.68 0.00	23.51 1.55 -7.42	27.09 1.61 -9.77	27.35 1.95 -7.01	21.93 1.98 0.00	20.95 1.67 -0.34	24.23 1.87 -0.51	24.45 1.92 0.00	19.99 1.59 0.00	17.03 1.19 -2.68
HEWLETT__69_KV_BK3 55828	11.19 0.68 -3.68	7.00 0.61 0.00	6.46 0.56 0.00	7.49 0.63 0.00	7.53 0.62 0.00	11.82 0.93 0.00	15.19 1.26 0.00	18.94 1.50 0.00	16.96 1.28 0.00	16.64 1.34 0.00	15.71 1.37 0.00	15.70 1.37 0.00	14.51 1.28 -1.06	15.81 1.54 0.00	17.95 1.83 0.00	23.64 1.69 -7.42	27.23 1.76 -9.77	27.44 2.04 -7.01	22.04 2.09 0.00	21.03 1.76 -0.34	24.35 2.00 -0.51	24.67 2.14 0.00	20.14 1.74 0.00	17.14 1.31 -2.68
HICKLING___1 23621	8.38 0.15 -1.40	6.52 0.12 0.00	6.04 0.14 0.00	7.01 0.15 0.00	7.08 0.17 0.00	11.21 0.32 0.00	14.49 0.56 0.00	18.22 0.78 0.00	16.42 0.73 0.00	15.99 0.69 0.00	14.92 0.58 0.00	14.88 0.55 0.00	12.84 0.41 -0.26	14.76 0.49 0.00	16.55 0.43 0.00	15.01 0.48 0.00	16.27 0.29 -0.27	22.24 0.41 -3.44	23.62 0.49 -3.18	21.39 0.43 -2.02	27.46 0.45 -5.17	27.71 0.32 -4.86	22.69 0.22 -4.07	15.98 0.22 -2.60
HICKLING___2 23622	8.38 0.15 -1.40	6.52 0.12 0.00	6.04 0.14 0.00	7.01 0.15 0.00	7.08 0.17 0.00	11.21 0.32 0.00	14.49 0.56 0.00	18.22 0.78 0.00	16.42 0.73 0.00	15.99 0.69 0.00	14.92 0.58 0.00	14.88 0.55 0.00	12.84 0.41 -0.26	14.76 0.49 0.00	16.55 0.43 0.00	15.01 0.48 0.00	16.27 0.29 -0.27	22.24 0.41 -3.44	23.62 0.49 -3.18	21.39 0.43 -2.02	27.46 0.45 -5.17	27.71 0.32 -4.86	22.69 0.22 -4.07	15.98 0.22 -2.60
HIGH FALLS___HY 23754	10.94 0.58 -3.53	6.90 0.51 0.00	6.38 0.47 0.00	7.39 0.53 0.00	7.44 0.53 0.00	11.71 0.82 0.00	15.07 1.14 0.00	18.82 1.38 0.00	16.87 1.20 0.00	16.50 1.20 0.00	15.56 1.22 0.00	15.61 1.28 0.00	14.24 1.06 -1.01	15.52 1.26 0.00	17.54 1.42 0.00	15.84 1.31 0.00	18.11 1.38 -1.02	20.91 1.82 -0.70	21.95 2.00 0.00	21.08 1.81 -0.32	24.36 2.04 -0.48	24.58 2.05 0.00	20.05 1.65 0.00	16.88 1.17 -2.56
HILLBURN___GT 23639	10.84 0.49 -3.52	6.83 0.44 0.00	6.31 0.41 0.00	7.32 0.46 0.00	7.36 0.45 0.00	11.58 0.69 0.00	14.87 0.93 0.00	18.59 1.16 0.00	16.69 1.01 0.00	16.35 1.05 0.00	15.45 1.10 0.00	15.54 1.20 0.00	14.26 1.07 -1.01	15.53 1.27 0.00	17.58 1.46 0.00	15.84 1.31 0.00	18.11 1.37 -1.03	20.77 1.69 -0.70	21.69 1.73 0.00	20.80 1.54 -0.32	24.03 1.70 -0.48	24.24 1.71 0.00	19.80 1.40 0.00	16.75 1.02 -2.57
HILLSIDE_115KV_TB1 80332	8.29 0.08 -1.38	6.45 0.06 0.00	5.99 0.09 0.00	6.95 0.09 0.00	7.00 0.09 0.00	11.06 0.17 0.00	14.30 0.36 0.00	17.97 0.54 0.00	16.17 0.49 0.00	15.77 0.46 0.00	14.73 0.39 0.00	14.70 0.37 0.00	12.71 0.26 -0.27	14.60 0.33 0.00	16.40 0.28 0.00	14.89 0.36 0.00	16.14 0.16 -0.28	21.71 0.26 -3.06	23.06 0.30 -2.81	20.90 0.21 -1.74	26.50 0.19 -4.47	26.87 0.11 -4.23	22.08 0.10 -3.59	15.70 0.15 -2.40
HISHELDN_WT_PWR 323625	7.71 -0.25 -1.13	6.19 -0.20 0.00	5.74 -0.16 0.00	6.65 -0.21 0.00	6.71 -0.20 0.00	10.66 -0.23 0.00	13.75 -0.19 0.00	17.31 -0.13 0.00	15.78 0.10 0.00	15.39 0.08 -0.01	14.39 0.05 0.00	14.25 -0.08 0.00	12.22 -0.15 -0.19	14.07 -0.19 0.00	15.68 -0.44 -0.01	14.18 -0.35 0.00	15.30 -0.62 -0.20	-0.30 -0.70 18.00	-0.67 -0.72 19.90	6.76 -0.61 11.57	-9.25 -0.64 30.46	-8.17 -0.82 29.88	-7.77 -0.76 25.41	0.94 -0.46 11.75
HOLTSVILLE_IC_1 23690	11.24 0.72 -3.68	7.03 0.63 0.00	6.48 0.57 0.00	7.52 0.66 0.00	7.56 0.65 0.00	11.88 0.99 0.00	15.27 1.34 0.00	19.01 1.58 0.00	16.95 1.28 0.00	16.57 1.26 0.00	15.59 1.24 0.00	15.50 1.16 0.00	14.40 1.17 -1.06	15.70 1.43 0.00	17.86 1.75 0.00	23.58 1.63 -7.42	27.20 1.72 -9.77	27.49 2.10 -7.01	22.09 2.13 0.00	20.98 1.70 -0.34	24.29 1.93 -0.51	24.52 2.00 0.00	20.06 1.66 0.00	17.10 1.26 -2.68
HOLTSVILLE_IC_10 23699	11.27 0.76 -3.68	7.06 0.67 0.00	6.50 0.60 0.00	7.55 0.68 0.00	7.59 0.68 0.00	11.94 1.05 0.00	15.35 1.42 0.00	19.11 1.67 0.00	17.03 1.35 0.00	16.63 1.33 0.00	15.65 1.30 0.00	15.55 1.22 0.00	14.45 1.22 -1.06	15.77 1.51 0.00	17.95 1.83 0.00	23.66 1.71 -7.42	27.29 1.82 -9.77	27.62 2.22 -7.01	22.24 2.28 0.00	21.12 1.85 -0.34	24.45 2.10 -0.51	24.68 2.16 0.00	20.18 1.78 0.00	17.17 1.33 -2.68
HOLTSVILLE_IC_2 23691	11.24 0.72 -3.68	7.03 0.63 0.00	6.48 0.57 0.00	7.52 0.66 0.00	7.56 0.65 0.00	11.88 0.99 0.00	15.27 1.34 0.00	19.01 1.58 0.00	16.95 1.28 0.00	16.57 1.26 0.00	15.59 1.24 0.00	15.50 1.16 0.00	14.40 1.17 -1.06	15.70 1.43 0.00	17.86 1.75 0.00	23.58 1.63 -7.42	27.20 1.72 -9.77	27.49 2.10 -7.01	22.09 2.13 0.00	20.98 1.70 -0.34	24.29 1.93 -0.51	24.52 2.00 0.00	20.06 1.66 0.00	17.10 1.26 -2.68
HOLTSVILLE_IC_3 23692	11.24 0.72 -3.68	7.03 0.63 0.00	6.48 0.57 0.00	7.52 0.66 0.00	7.56 0.65 0.00	11.88 0.99 0.00	15.27 1.34 0.00	19.01 1.58 0.00	16.95 1.28 0.00	16.57 1.26 0.00	15.59 1.24 0.00	15.50 1.16 0.00	14.40 1.17 -1.06	15.70 1.43 0.00	17.86 1.75 0.00	23.58 1.63 -7.42	27.20 1.72 -9.77	27.49 2.10 -7.01	22.09 2.13 0.00	20.98 1.70 -0.34	24.29 1.93 -0.51	24.52 2.00 0.00	20.06 1.66 0.00	17.10 1.26 -2.68

HOLTSVILLE_IC_4 23693	11.24 0.72 -3.68	7.03 0.63 0.00	6.48 0.57 0.00	7.52 0.66 0.00	7.56 0.65 0.00	11.88 0.99 0.00	15.27 1.34 0.00	19.01 1.58 0.00	16.95 1.28 0.00	16.57 1.26 0.00	15.59 1.24 0.00	15.50 1.16 0.00	14.40 1.17 -1.06	15.70 1.43 0.00	17.86 1.75 0.00	23.58 1.63 -7.42	27.20 1.72 -9.77	27.49 2.10 -7.01	22.09 2.13 0.00	20.98 1.70 -0.34	24.29 1.93 -0.51	24.52 2.00 0.00	20.06 1.66 0.00	17.10 1.26 -2.68
HOLTSVILLE_IC_5 23694	11.24 0.72 -3.68	7.03 0.63 0.00	6.48 0.57 0.00	7.52 0.66 0.00	7.56 0.65 0.00	11.88 0.99 0.00	15.27 1.34 0.00	19.01 1.58 0.00	16.95 1.28 0.00	16.57 1.26 0.00	15.59 1.24 0.00	15.50 1.16 0.00	14.40 1.17 -1.06	15.70 1.43 0.00	17.86 1.75 0.00	23.58 1.63 -7.42	27.20 1.72 -9.77	27.49 2.10 -7.01	22.09 2.13 0.00	20.98 1.70 -0.34	24.29 1.93 -0.51	24.52 2.00 0.00	20.06 1.66 0.00	17.10 1.26 -2.68
HOLTSVILLE_IC_6 23695	11.27 0.76 -3.68	7.06 0.67 0.00	6.50 0.60 0.00	7.55 0.68 0.00	7.59 0.68 0.00	11.94 1.05 0.00	15.35 1.42 0.00	19.11 1.67 0.00	17.03 1.35 0.00	16.63 1.33 0.00	15.65 1.30 0.00	15.55 1.22 0.00	14.45 1.22 -1.06	15.77 1.51 0.00	17.95 1.83 0.00	23.66 1.71 -7.42	27.29 1.82 -9.77	27.62 2.22 -7.01	22.24 2.28 0.00	21.12 1.85 -0.34	24.45 2.10 -0.51	24.68 2.16 0.00	20.18 1.78 0.00	17.17 1.33 -2.68
HOLTSVILLE_IC_7 23696	11.27 0.76 -3.68	7.06 0.67 0.00	6.50 0.60 0.00	7.55 0.68 0.00	7.59 0.68 0.00	11.94 1.05 0.00	15.35 1.42 0.00	19.11 1.67 0.00	17.03 1.35 0.00	16.63 1.33 0.00	15.65 1.30 0.00	15.55 1.22 0.00	14.45 1.22 -1.06	15.77 1.51 0.00	17.95 1.83 0.00	23.66 1.71 -7.42	27.29 1.82 -9.77	27.62 2.22 -7.01	22.24 2.28 0.00	21.12 1.85 -0.34	24.45 2.10 -0.51	24.68 2.16 0.00	20.18 1.78 0.00	17.17 1.33 -2.68
HOLTSVILLE_IC_8 23697	11.27 0.76 -3.68	7.06 0.67 0.00	6.50 0.60 0.00	7.55 0.68 0.00	7.59 0.68 0.00	11.94 1.05 0.00	15.35 1.42 0.00	19.11 1.67 0.00	17.03 1.35 0.00	16.63 1.33 0.00	15.65 1.30 0.00	15.55 1.22 0.00	14.45 1.22 -1.06	15.77 1.51 0.00	17.95 1.83 0.00	23.66 1.71 -7.42	27.29 1.82 -9.77	27.62 2.22 -7.01	22.24 2.28 0.00	21.12 1.85 -0.34	24.45 2.10 -0.51	24.68 2.16 0.00	20.18 1.78 0.00	17.17 1.33 -2.68
HOLTSVILLE_IC_9 23698	11.27 0.76 -3.68	7.06 0.67 0.00	6.50 0.60 0.00	7.55 0.68 0.00	7.59 0.68 0.00	11.94 1.05 0.00	15.35 1.42 0.00	19.11 1.67 0.00	17.03 1.35 0.00	16.63 1.33 0.00	15.65 1.30 0.00	15.55 1.22 0.00	14.45 1.22 -1.06	15.77 1.51 0.00	17.95 1.83 0.00	23.66 1.71 -7.42	27.29 1.82 -9.77	27.62 2.22 -7.01	22.24 2.28 0.00	21.12 1.85 -0.34	24.45 2.10 -0.51	24.68 2.16 0.00	20.18 1.78 0.00	17.17 1.33 -2.68
HOMER_HL_115KV_TB2 355744	7.50 0.11 -0.57	6.52 0.13 0.00	6.03 0.12 0.00	6.99 0.13 0.00	7.08 0.18 0.00	11.35 0.46 0.00	14.92 0.98 0.00	18.64 1.20 0.00	16.73 1.05 0.00	16.30 0.99 -0.01	15.20 0.85 0.00	15.12 0.78 0.00	12.93 0.55 -0.20	14.98 0.71 0.00	16.70 0.57 -0.01	15.11 0.58 0.00	16.24 0.32 -0.21	17.16 0.48 1.71	18.60 0.46 1.81	18.37 0.43 1.00	19.67 0.51 2.69	20.34 0.54 2.73	16.49 0.40 2.32	12.94 0.44 0.66
HOWARD_WT_PWR 323690	8.12 0.00 -1.29	6.40 0.02 0.00	5.94 0.04 0.00	6.92 0.06 0.00	7.02 0.11 0.00	11.19 0.30 0.00	15.06 1.13 0.00	18.93 1.49 0.00	16.49 0.81 0.00	15.88 0.58 0.00	14.81 0.47 0.00	14.70 0.36 0.00	12.60 0.20 -0.22	14.48 0.22 0.00	16.14 0.02 0.00	14.55 0.03 0.00	15.70 -0.24 -0.23	42.42 -0.25 -24.28	41.58 -0.22 -21.85	31.66 -0.14 -12.86	55.24 -0.26 -33.65	54.67 -0.67 -32.80	45.50 -0.83 -27.93	26.53 -0.55 -13.93
HQ_GEN_CEDARS 23644	6.69 -0.14 0.00	6.28 -0.11 0.00	5.81 -0.09 0.00	6.76 -0.10 0.00	6.80 -0.11 0.00	10.69 -0.20 0.00	13.57 -0.36 0.00	17.00 -0.43 0.00	15.34 -0.35 0.00	14.95 -0.36 0.00	14.37 -0.43 -0.45	-0.30 -0.48 14.15	-12.82 -0.42 24.57	-7.55 -0.47 21.34	-5.75 -0.44 21.42	-8.76 -0.41 22.88	18.30 -0.38 -2.97	19.32 -0.48 -1.41	15.90 -0.50 3.55	21.66 -0.50 -3.21	24.25 -0.56 -2.96	24.51 -0.53 -2.51	19.36 -0.38 -1.34	9.85 -0.30 3.01
HQ_GEN_CEDARS_PROXY 323590	6.69 -0.14 0.00	6.28 -0.11 0.00	5.81 -0.09 0.00	6.76 -0.10 0.00	6.80 -0.11 0.00	10.68 -0.20 0.00	13.57 -0.36 0.00	17.00 -0.43 0.00	15.34 -0.35 0.00	14.95 -0.36 0.00	14.37 -0.43 -0.45	-0.30 -0.48 14.15	-12.82 -0.43 24.57	-7.55 -0.47 21.34	-5.75 -0.44 21.42	-8.76 -0.41 22.88	18.30 -0.38 -2.97	19.32 -0.48 -1.41	15.90 -0.50 3.55	21.66 -0.50 -3.21	24.25 -0.56 -2.96	24.50 -0.53 -2.51	19.36 -0.38 -1.34	9.85 -0.30 3.01
HQ_GEN_IMPORT 323601	6.73 -0.10 0.00	6.31 -0.08 0.00	5.83 -0.07 0.00	6.78 -0.08 0.00	6.82 -0.09 0.00	10.74 -0.15 0.00	13.70 -0.23 0.00	17.16 -0.27 0.00	15.48 -0.20 0.00	15.09 -0.21 0.00	14.11 -0.24 0.00	10.77 -0.25 3.31	6.58 -0.22 5.38	9.25 -0.25 4.77	11.06 -0.24 4.82	9.22 -0.23 5.08	15.50 -0.21 0.00	17.77 -0.27 0.35	18.31 -0.30 1.35	18.63 -0.31 0.00	21.39 -0.36 0.09	22.00 -0.33 0.20	17.79 -0.25 0.36	11.82 -0.20 1.14
HQ_GEN_WHEEL 23651	6.73 -0.10 0.00	6.31 -0.08 0.00	5.83 -0.07 0.00	6.78 -0.08 0.00	6.82 -0.09 0.00	10.74 -0.15 0.00	13.70 -0.23 0.00	17.16 -0.27 0.00	15.48 -0.20 0.00	15.09 -0.21 0.00	14.11 -0.24 0.00	10.77 -0.25 3.31	6.58 -0.22 5.38	9.25 -0.25 4.77	11.06 -0.24 4.82	9.22 -0.23 5.08	15.50 -0.21 0.00	17.77 -0.27 0.35	18.31 -0.30 1.35	18.63 -0.31 0.00	21.39 -0.36 0.09	22.00 -0.33 0.20	17.79 -0.25 0.36	11.82 -0.20 1.14
HUDSON_AVE_GT_3 23810	11.08 0.57 -3.68	6.90 0.51 0.00	6.36 0.45 0.00	7.37 0.52 0.00	7.41 0.50 0.00	11.68 0.80 0.00	15.00 1.06 0.00	18.75 1.31 0.00	16.84 1.16 0.00	16.52 1.21 0.00	15.62 1.28 0.00	15.71 1.37 0.00	14.45 1.22 -1.06	15.71 1.44 0.00	17.76 1.65 0.00	16.01 1.48 0.00	18.31 1.52 -1.07	20.97 1.85 -0.73	21.84 1.88 0.00	20.98 1.70 -0.34	24.21 1.86 -0.51	24.43 1.90 0.00	20.00 1.59 0.00	17.02 1.18 -2.68
HUDSON_AVE_GT_4 23540	11.08 0.57 -3.68	6.90 0.51 0.00	6.36 0.45 0.00	7.37 0.52 0.00	7.41 0.50 0.00	11.68 0.80 0.00	15.00 1.06 0.00	18.75 1.31 0.00	16.84 1.16 0.00	16.52 1.21 0.00	15.62 1.28 0.00	15.71 1.37 0.00	14.45 1.22 -1.06	15.71 1.44 0.00	17.76 1.65 0.00	16.01 1.48 0.00	18.31 1.52 -1.07	20.97 1.85 -0.73	21.84 1.88 0.00	20.98 1.70 -0.34	24.21 1.86 -0.51	24.43 1.90 0.00	20.00 1.59 0.00	17.02 1.18 -2.68
HUDSON_AVE_GT_5 23657	11.08 0.57 -3.68	6.90 0.51 0.00	6.36 0.45 0.00	7.37 0.52 0.00	7.41 0.50 0.00	11.68 0.80 0.00	15.00 1.06 0.00	18.75 1.31 0.00	16.84 1.16 0.00	16.52 1.21 0.00	15.62 1.28 0.00	15.71 1.37 0.00	14.45 1.22 -1.06	15.71 1.44 0.00	17.76 1.65 0.00	16.01 1.48 0.00	18.31 1.52 -1.07	20.97 1.85 -0.73	21.84 1.88 0.00	20.98 1.70 -0.34	24.21 1.86 -0.51	24.43 1.90 0.00	20.00 1.59 0.00	17.02 1.18 -2.68

HUDSON_AVE_10 24168	11.06 0.55 -3.68	6.89 0.50 0.00	6.34 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.65 0.77 0.00	14.96 1.02 0.00	18.69 1.26 0.00	16.79 1.11 0.00	16.46 1.16 0.00	15.56 1.22 0.00	15.64 1.31 0.00	14.38 1.16 -1.05	15.64 1.38 0.01	17.69 1.58 0.01	15.94 1.42 0.01	18.23 1.45 -1.06	20.89 1.78 -0.72	21.74 1.79 0.01	20.89 1.62 -0.33	24.12 1.77 -0.50	24.34 1.81 0.00	19.95 1.55 0.00	16.99 1.15 -2.68
HUDSON___115KV_TB 4 355613	11.38 0.24 -4.31	6.62 0.23 0.00	6.10 0.19 0.00	7.11 0.24 0.00	7.15 0.24 0.00	11.26 0.38 0.00	14.36 0.43 0.00	17.91 0.47 0.00	16.01 0.33 0.00	15.60 0.30 0.00	14.67 0.33 0.00	14.69 0.35 0.00	13.72 0.31 -1.23	14.60 0.34 0.00	16.53 0.41 0.00	14.90 0.38 0.00	17.42 0.45 -1.25	19.77 0.53 -0.85	20.63 0.67 0.00	20.08 0.74 -0.39	23.34 0.90 -0.59	23.42 0.89 0.00	19.09 0.70 0.00	16.81 0.53 -3.13
HUNTER MOUNT___DRP 323613	11.26 0.25 -4.18	6.63 0.24 0.00	6.10 0.19 0.00	7.11 0.25 0.00	7.15 0.25 0.00	11.29 0.40 0.00	14.38 0.45 0.00	17.93 0.49 0.00	16.00 0.32 0.00	15.58 0.28 0.00	14.64 0.30 0.00	14.65 0.32 0.00	13.65 0.28 -1.20	14.56 0.30 0.00	16.48 0.36 0.00	14.86 0.33 0.00	17.34 0.41 -1.22	19.66 0.44 -0.83	20.60 0.65 0.00	20.08 0.76 -0.38	23.36 0.94 -0.57	23.46 0.93 0.00	19.11 0.72 0.00	16.74 0.54 -3.04
HUNTINGTON_RES_REC 323705	11.21 0.69 -3.68	7.00 0.61 0.00	6.45 0.54 0.00	7.48 0.62 0.00	7.52 0.61 0.00	11.83 0.94 0.00	15.21 1.27 0.00	18.94 1.51 0.00	16.91 1.23 0.00	16.53 1.23 0.00	15.56 1.22 0.00	15.50 1.16 0.00	14.39 1.15 -1.06	15.68 1.41 0.00	17.84 1.72 0.00	23.56 1.60 -7.42	27.17 1.69 -9.77	27.47 2.07 -7.01	22.06 2.10 0.00	20.97 1.69 -0.34	24.27 1.92 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.09 1.25 -2.68
HUNTLEY___63 23557	6.74 -0.38 -0.28	6.08 -0.31 0.00	5.64 -0.27 0.00	6.51 -0.34 0.00	6.56 -0.35 0.00	10.44 -0.44 0.00	13.52 -0.41 0.00	17.07 -0.37 0.00	15.56 -0.12 0.00	15.16 -0.15 0.00	14.19 -0.15 0.00	14.04 -0.29 0.00	12.04 -0.31 -0.17	13.91 -0.36 0.00	15.46 -0.66 0.00	13.98 -0.55 0.00	15.10 -0.79 -0.18	10.94 -0.89 6.55	12.47 -0.97 6.52	14.37 -0.81 3.76	11.11 -0.81 9.93	11.83 -0.91 9.79	9.41 -0.76 8.23	9.20 -0.36 3.60
HUNTLEY___64 23558	6.74 -0.38 -0.28	6.08 -0.31 0.00	5.64 -0.27 0.00	6.51 -0.34 0.00	6.56 -0.35 0.00	10.44 -0.44 0.00	13.52 -0.41 0.00	17.07 -0.37 0.00	15.56 -0.12 0.00	15.16 -0.15 0.00	14.19 -0.15 0.00	14.04 -0.29 0.00	12.04 -0.31 -0.17	13.91 -0.36 0.00	15.46 -0.66 0.00	13.98 -0.55 0.00	15.10 -0.79 -0.18	10.94 -0.89 6.55	12.47 -0.97 6.52	14.37 -0.81 3.76	11.11 -0.81 9.93	11.83 -0.91 9.79	9.41 -0.76 8.23	9.20 -0.36 3.60
HUNTLEY___65 23559	6.74 -0.38 -0.28	6.08 -0.31 0.00	5.64 -0.27 0.00	6.51 -0.34 0.00	6.56 -0.35 0.00	10.44 -0.44 0.00	13.52 -0.41 0.00	17.07 -0.37 0.00	15.56 -0.12 0.00	15.16 -0.15 0.00	14.19 -0.15 0.00	14.04 -0.29 0.00	12.04 -0.31 -0.17	13.91 -0.36 0.00	15.46 -0.66 0.00	13.98 -0.55 0.00	15.10 -0.79 -0.18	10.94 -0.89 6.55	12.47 -0.97 6.52	14.37 -0.81 3.76	11.11 -0.81 9.93	11.83 -0.91 9.79	9.41 -0.76 8.23	9.20 -0.36 3.60
HUNTLEY___66 23560	6.74 -0.38 -0.28	6.08 -0.31 0.00	5.64 -0.27 0.00	6.51 -0.34 0.00	6.56 -0.35 0.00	10.44 -0.44 0.00	13.52 -0.41 0.00	17.07 -0.37 0.00	15.56 -0.12 0.00	15.16 -0.15 0.00	14.19 -0.15 0.00	14.04 -0.29 0.00	12.04 -0.31 -0.17	13.91 -0.36 0.00	15.46 -0.66 0.00	13.98 -0.55 0.00	15.10 -0.79 -0.18	10.94 -0.89 6.55	12.47 -0.97 6.52	14.37 -0.81 3.76	11.11 -0.81 9.93	11.83 -0.91 9.79	9.41 -0.76 8.23	9.20 -0.36 3.60
HUNTLEY___67 23561	6.75 -0.39 -0.31	6.07 -0.32 0.00	5.63 -0.27 0.00	6.50 -0.36 0.00	6.55 -0.36 0.00	10.44 -0.45 0.00	13.50 -0.43 0.00	17.05 -0.40 -0.01	15.53 -0.15 0.00	15.14 -0.17 -0.01	14.17 -0.18 0.00	14.02 -0.31 0.00	12.02 -0.33 -0.18	13.89 -0.38 0.00	15.47 -0.67 -0.02	13.97 -0.56 0.00	15.10 -0.80 -0.19	10.22 -0.92 7.25	11.75 -0.99 7.22	13.93 -0.84 4.17	9.95 -0.90 11.00	10.66 -1.01 10.86	8.20 -0.86 9.34	8.54 -0.44 4.18
HUNTLEY___68 23562	6.75 -0.39 -0.31	6.07 -0.32 0.00	5.63 -0.27 0.00	6.50 -0.36 0.00	6.55 -0.36 0.00	10.44 -0.45 0.00	13.50 -0.43 0.00	17.05 -0.40 -0.01	15.53 -0.15 0.00	15.14 -0.17 -0.01	14.17 -0.18 0.00	14.02 -0.31 0.00	12.02 -0.33 -0.18	13.89 -0.38 0.00	15.47 -0.67 -0.02	13.97 -0.56 0.00	15.10 -0.80 -0.19	10.22 -0.92 7.25	11.75 -0.99 7.22	13.93 -0.84 4.17	9.95 -0.90 11.00	10.66 -1.01 10.86	8.20 -0.86 9.34	8.54 -0.44 4.18
HYLAND___LFGE 323620	7.75 0.10 -0.82	6.48 0.09 0.00	5.98 0.08 0.00	6.95 0.09 0.00	7.03 0.13 0.00	11.30 0.41 0.00	15.06 1.13 0.00	18.76 1.32 0.00	16.22 0.54 0.00	15.62 0.32 0.00	14.57 0.23 0.00	14.45 0.12 0.00	12.39 0.03 -0.19	14.29 0.02 0.00	15.98 -0.14 0.00	14.43 -0.10 0.00	15.62 -0.29 -0.19	44.88 -0.26 -26.75	44.19 -0.21 -24.44	33.49 0.20 -14.35	60.08 0.62 -37.61	59.73 0.51 -36.69	49.87 0.23 -31.24	28.80 0.21 -15.44
INDECK___CORINTH 23802	11.53 0.09 -4.62	6.44 0.04 0.00	5.91 0.01 0.00	6.87 0.02 0.00	6.94 0.03 0.00	11.00 0.11 0.00	14.13 0.20 0.00	17.68 0.24 0.00	15.78 0.10 0.00	15.41 0.11 0.00	14.48 0.13 0.00	14.51 0.18 0.00	13.68 0.19 -1.32	14.44 0.18 0.00	16.33 0.21 0.00	14.73 0.20 0.00	17.38 0.32 -1.34	19.70 0.40 -0.91	20.43 0.48 0.00	19.87 0.51 -0.42	23.12 0.64 -0.63	23.14 0.62 0.00	18.86 0.46 0.00	16.81 0.31 -3.35
INDECK___ILION 23567	6.83 0.00 0.00	6.38 -0.01 0.00	5.90 0.00 0.00	6.86 0.00 0.00	6.91 0.00 0.00	10.89 0.00 0.00	13.93 0.00 0.00	17.39 -0.04 0.00	15.57 -0.11 0.00	15.19 -0.12 0.00	14.26 -0.08 0.00	14.95 -0.08 -0.69	13.21 -0.08 -1.12	15.14 -0.12 -0.99	16.99 -0.13 -1.01	15.46 -0.13 -1.06	15.61 -0.11 0.00	18.36 -0.10 -0.07	20.14 -0.10 -0.28	18.93 -0.01 0.00	21.89 0.03 -0.02	22.62 0.05 -0.04	18.49 0.02 -0.07	13.38 -0.02 -0.24
INDECK___OLEAN 23982	7.50 0.11 -0.57	6.52 0.13 0.00	6.03 0.12 0.00	6.99 0.13 0.00	7.08 0.18 0.00	11.35 0.46 0.00	14.92 0.99 0.00	18.64 1.20 0.00	16.73 1.05 0.00	16.30 0.99 -0.01	15.20 0.85 0.00	15.12 0.78 0.00	12.94 0.56 -0.20	14.98 0.71 0.00	16.71 0.59 -0.01	15.13 0.60 0.00	16.25 0.33 -0.21	20.46 0.52 -1.55	18.62 0.48 1.81	18.39 0.45 1.00	19.70 0.54 2.69	20.34 0.55 2.73	16.51 0.42 2.32	12.94 0.44 0.66
INDECK___OSWEGO 23783	6.95 -0.22 -0.35	6.19 -0.21 0.00	5.71 -0.19 0.00	6.64 -0.22 0.00	6.69 -0.22 0.00	10.58 -0.31 0.00	13.62 -0.32 0.00	17.05 -0.39 0.00	15.30 -0.38 0.00	14.91 -0.40 0.00	13.96 -0.39 0.00	13.43 -0.43 0.47	11.12 -0.39 0.67	13.13 -0.46 0.68	14.87 -0.56 0.69	13.32 -0.49 0.72	15.23 -0.58 -0.10	17.76 -0.64 -0.02	19.10 -0.66 0.19	18.39 -0.58 -0.03	21.23 -0.66 -0.03	21.77 -0.73 0.03	17.71 -0.64 0.05	12.82 -0.43 -0.09

INDECK___YERKES 23781	6.74 -0.37 -0.28	6.09 -0.30 0.00	5.64 -0.26 0.00	6.52 -0.34 0.00	6.57 -0.34 0.00	10.46 -0.43 0.00	13.54 -0.39 0.00	17.09 -0.35 0.00	15.58 -0.10 0.00	15.17 -0.13 0.00	14.21 -0.14 0.00	14.06 -0.27 0.00	12.07 -0.28 -0.17	13.93 -0.33 0.00	15.50 -0.62 0.00	14.03 -0.51 0.00	15.13 -0.76 -0.18	13.41 -0.83 4.15	12.52 -0.92 6.52	14.42 -0.76 3.75	11.17 -0.75 9.93	11.87 -0.86 9.80	9.46 -0.71 8.23	9.21 -0.35 3.60
INDIAN POINT_GT_1 24139	10.98 0.51 -3.65	6.84 0.45 0.00	6.30 0.40 0.00	7.31 0.45 0.00	7.35 0.44 0.00	11.59 0.70 0.00	14.87 0.93 0.00	18.58 1.14 0.00	16.67 0.99 0.00	16.34 1.04 0.00	15.44 1.09 0.00	15.52 1.19 0.00	14.28 1.06 -1.05	15.51 1.25 0.00	17.54 1.43 0.00	15.82 1.29 0.00	18.12 1.34 -1.07	20.77 1.65 -0.73	21.64 1.69 0.00	20.80 1.53 -0.33	24.03 1.68 -0.50	24.23 1.70 0.00	19.80 1.40 0.00	16.86 1.03 -2.66
INDIAN POINT_GT_2 23659	10.98 0.51 -3.65	6.84 0.45 0.00	6.30 0.40 0.00	7.31 0.45 0.00	7.35 0.44 0.00	11.59 0.70 0.00	14.87 0.93 0.00	18.58 1.14 0.00	16.67 0.99 0.00	16.34 1.04 0.00	15.44 1.09 0.00	15.52 1.19 0.00	14.28 1.06 -1.05	15.51 1.25 0.00	17.54 1.43 0.00	15.82 1.29 0.00	18.12 1.34 -1.07	20.77 1.65 -0.73	21.64 1.69 0.00	20.80 1.53 -0.33	24.03 1.68 -0.50	24.23 1.70 0.00	19.80 1.40 0.00	16.86 1.03 -2.66
INDIAN POINT_GT_3 24019	10.98 0.51 -3.65	6.84 0.45 0.00	6.30 0.40 0.00	7.31 0.45 0.00	7.35 0.44 0.00	11.59 0.70 0.00	14.87 0.93 0.00	18.58 1.14 0.00	16.67 0.99 0.00	16.34 1.04 0.00	15.44 1.09 0.00	15.52 1.19 0.00	14.28 1.06 -1.05	15.51 1.25 0.00	17.54 1.43 0.00	15.82 1.29 0.00	18.12 1.34 -1.07	20.77 1.65 -0.73	21.64 1.69 0.00	20.80 1.53 -0.33	24.03 1.68 -0.50	24.23 1.70 0.00	19.80 1.40 0.00	16.86 1.03 -2.66
INDIAN POINT___2 23530	10.94 0.50 -3.61	6.84 0.45 0.00	6.30 0.40 0.00	7.31 0.45 0.00	7.35 0.44 0.00	11.59 0.70 0.00	14.88 0.94 0.00	18.58 1.15 0.00	16.68 1.00 0.00	16.34 1.04 0.00	15.44 1.10 0.00	15.53 1.20 0.00	14.28 1.06 -1.04	15.52 1.26 0.00	17.55 1.44 0.00	15.82 1.30 0.00	18.12 1.35 -1.06	20.77 1.66 -0.72	21.65 1.69 0.00	20.80 1.53 -0.33	24.03 1.68 -0.50	24.23 1.70 0.00	19.80 1.40 0.00	16.83 1.03 -2.64
INDIAN POINT___3 23531	10.98 0.50 -3.65	6.84 0.44 0.00	6.30 0.39 0.00	7.31 0.45 0.00	7.35 0.44 0.00	11.58 0.69 0.00	14.86 0.93 0.00	18.57 1.13 0.00	16.67 0.99 0.00	16.33 1.03 0.00	15.43 1.09 0.00	15.52 1.18 0.00	14.27 1.05 -1.05	15.51 1.24 0.00	17.53 1.41 0.00	15.81 1.28 0.00	18.11 1.33 -1.07	20.75 1.64 -0.73	21.63 1.67 0.00	20.78 1.51 -0.33	24.01 1.67 -0.50	24.22 1.69 0.00	19.80 1.40 0.00	16.85 1.02 -2.67
INGHAM_C_115KV_TB7 356103	6.78 -0.05 0.00	6.33 -0.06 0.00	5.87 -0.04 0.00	6.83 -0.03 0.00	6.88 -0.03 0.00	10.81 -0.08 0.00	13.81 -0.12 0.00	17.19 -0.25 0.00	15.29 -0.39 0.00	14.90 -0.40 0.00	14.03 -0.32 0.00	14.74 -0.28 -0.69	13.02 -0.28 -1.12	14.88 -0.38 -0.99	16.72 -0.40 -1.01	15.20 -0.39 -1.06	15.37 -0.34 0.00	18.10 -0.36 -0.07	19.86 -0.38 -0.28	18.76 -0.18 0.00	21.76 -0.10 -0.02	22.52 -0.05 -0.04	18.40 -0.08 -0.07	13.27 -0.12 -0.24
IP CORINTH___1 23988	11.56 0.12 -4.62	6.47 0.08 0.00	5.94 0.04 0.00	6.91 0.05 0.00	6.98 0.07 0.00	11.05 0.17 0.00	14.22 0.28 0.00	17.78 0.35 0.00	15.87 0.19 0.00	15.50 0.19 0.00	14.55 0.21 0.00	14.59 0.26 0.00	13.75 0.25 -1.32	14.52 0.25 0.00	16.41 0.30 0.00	14.81 0.28 0.00	17.46 0.41 -1.34	19.81 0.51 -0.91	20.55 0.59 0.00	19.98 0.62 -0.42	23.24 0.76 -0.63	23.27 0.74 0.00	18.96 0.56 0.00	16.88 0.38 -3.35
IP___TICONDEROGA 23804	11.79 0.35 -4.61	6.65 0.26 0.00	6.11 0.20 0.00	7.12 0.25 0.00	7.20 0.29 0.00	11.43 0.54 0.00	14.85 0.92 0.00	18.74 1.31 0.00	16.62 0.94 0.00	16.26 0.96 0.00	15.24 0.90 0.00	15.26 0.92 0.00	14.38 0.89 -1.32	15.22 0.96 0.00	17.21 1.09 0.00	15.58 1.05 0.00	18.38 1.33 -1.34	20.94 1.64 -0.91	21.89 1.93 0.00	21.15 1.79 -0.42	24.67 2.19 -0.63	24.74 2.21 0.00	20.13 1.73 0.00	17.70 1.20 -3.34
ISLIP_RES_REC 323679	11.30 0.79 -3.68	7.08 0.69 0.00	6.52 0.62 0.00	7.57 0.72 0.00	7.61 0.70 0.00	11.99 1.10 0.00	15.42 1.49 0.00	19.20 1.76 0.00	17.12 1.44 0.00	16.71 1.41 0.00	15.72 1.38 0.00	15.63 1.29 0.00	14.52 1.28 -1.06	15.85 1.58 0.00	18.04 1.92 0.00	23.74 1.79 -7.42	27.39 1.91 -9.77	27.74 2.34 -7.01	22.36 2.41 0.00	21.24 1.96 -0.34	24.59 2.24 -0.51	24.83 2.30 0.00	20.28 1.89 0.00	17.24 1.40 -2.68
JAMAICA___27_KV_LOAD 355505	11.11 0.60 -3.68	6.93 0.54 0.00	6.38 0.48 0.00	7.41 0.55 0.00	7.44 0.54 0.00	11.72 0.83 0.00	15.03 1.09 0.00	18.79 1.35 0.00	16.87 1.19 0.00	16.54 1.24 0.00	15.60 1.26 0.00	15.67 1.34 0.00	14.42 1.19 -1.05	15.68 1.42 0.01	17.75 1.64 0.01	16.00 1.48 0.01	18.30 1.52 -1.06	20.97 1.86 -0.72	21.82 1.87 0.01	20.96 1.69 -0.33	24.21 1.86 -0.50	24.44 1.91 0.00	20.10 1.70 0.00	17.10 1.26 -2.68
JANIS___SOLAR 323808	8.29 0.22 -1.24	6.60 0.20 0.00	6.11 0.21 0.00	7.10 0.24 0.00	7.16 0.26 0.00	11.35 0.46 0.00	14.69 0.75 0.00	18.37 0.93 0.00	16.36 0.68 0.00	15.77 0.46 0.00	14.62 0.28 0.00	14.51 0.18 0.00	12.57 0.11 -0.28	14.40 0.14 0.00	16.22 0.10 0.00	14.64 0.11 0.00	16.10 0.10 -0.28	20.50 0.28 -1.83	22.12 0.56 -1.60	20.72 0.75 -1.03	25.39 0.95 -2.59	25.74 0.81 -2.41	20.99 0.54 -2.06	15.23 0.39 -1.69
JARVIS____ 23743	6.84 0.01 0.00	6.39 0.00 0.00	5.90 0.00 0.00	6.86 0.00 0.00	6.91 0.01 0.00	10.89 0.01 0.00	13.95 0.02 0.00	17.45 0.02 0.00	15.68 0.00 0.00	15.31 0.00 0.00	14.36 0.01 0.00	15.04 0.01 -0.69	13.30 0.00 -1.12	15.26 0.00 -0.99	17.11 -0.02 -1.01	15.59 0.00 -1.06	15.70 -0.02 0.00	18.46 0.00 -0.07	20.24 0.00 -0.28	18.95 0.01 0.00	21.89 0.02 -0.02	22.59 0.02 -0.04	18.48 0.00 -0.07	13.41 0.01 -0.24
JENNISON___1 23625	8.51 0.30 -1.38	6.66 0.27 0.00	6.17 0.27 0.00	7.17 0.31 0.00	7.24 0.33 0.00	11.45 0.56 0.00	14.79 0.85 0.00	18.52 1.08 0.00	16.58 0.90 0.00	16.08 0.78 0.00	14.99 0.65 0.00	14.92 0.58 0.00	12.98 0.46 -0.35	14.80 0.54 0.00	16.69 0.57 0.00	15.08 0.55 0.00	16.60 0.54 -0.35	19.36 0.74 -0.24	20.89 0.93 0.00	20.04 0.99 -0.11	23.21 1.20 -0.17	23.62 1.09 0.00	19.21 0.80 -0.01	14.62 0.58 -0.88
JENNISON___2 23626	8.51 0.30 -1.38	6.66 0.27 0.00	6.17 0.27 0.00	7.17 0.31 0.00	7.24 0.33 0.00	11.45 0.56 0.00	14.79 0.85 0.00	18.52 1.08 0.00	16.58 0.90 0.00	16.08 0.78 0.00	14.99 0.65 0.00	14.92 0.58 0.00	12.98 0.46 -0.35	14.80 0.54 0.00	16.69 0.57 0.00	15.08 0.55 0.00	16.60 0.54 -0.35	19.36 0.74 -0.24	20.89 0.93 0.00	20.04 0.99 -0.11	23.21 1.20 -0.17	23.62 1.09 0.00	19.21 0.80 -0.01	14.62 0.58 -0.88

JERICO_RISE_WT_PWR 323719	6.66 -0.17 0.00	6.29 -0.10 0.00	5.83 -0.07 0.00	6.80 -0.06 0.00	6.80 -0.11 0.00	10.75 -0.14 0.00	13.75 -0.19 0.00	17.12 -0.31 0.00	15.38 -0.30 0.00	14.89 -0.41 0.00	7.65 -0.80 5.89	-19.06 -0.92 32.47	-20.95 -0.79 32.33	-21.37 -0.93 34.71	-21.63 -0.93 36.82	-21.28 -0.86 34.95	-23.73 -0.86 38.58	-23.76 -1.04 41.11	-23.40 -1.10 42.25	-23.93 -1.12 41.75	-24.10 -1.29 44.65	-24.12 -1.26 45.39	-23.72 -0.99 41.13	-22.99 -0.75 35.40
KATONAH__115KV_46KV_TB4 355592	11.09 0.54 -3.72	6.87 0.48 0.00	6.33 0.43 0.00	7.35 0.49 0.00	7.39 0.48 0.00	11.66 0.77 0.00	14.97 1.04 0.00	18.70 1.26 0.00	16.79 1.11 0.00	16.45 1.15 0.00	15.53 1.19 0.00	15.61 1.28 0.00	14.37 1.13 -1.07	15.59 1.33 0.00	17.62 1.50 0.00	15.91 1.38 0.00	18.24 1.45 -1.08	20.91 1.79 -0.74	21.79 1.83 0.00	20.96 1.68 -0.34	24.20 1.85 -0.51	24.40 1.87 0.00	19.92 1.52 0.00	16.97 1.11 -2.70
KCE_NY_1 323755	11.71 0.28 -4.60	6.63 0.24 0.00	6.11 0.20 0.00	7.10 0.24 0.00	7.15 0.24 0.00	11.31 0.42 0.00	14.49 0.55 0.00	18.11 0.67 0.00	16.18 0.49 0.00	15.80 0.50 0.00	14.85 0.50 0.00	14.90 0.57 0.00	13.98 0.49 -1.32	14.82 0.56 0.00	16.74 0.62 0.00	15.10 0.57 0.00	17.75 0.70 -1.33	20.13 0.83 -0.91	20.86 0.90 0.00	20.30 0.94 -0.42	23.60 1.12 -0.63	23.65 1.12 0.00	19.28 0.89 0.00	17.12 0.62 -3.34
KCE_NY_6_ESR 323823	6.90 -0.27 -0.34	6.18 -0.21 0.00	5.73 -0.17 0.00	6.63 -0.23 0.00	6.68 -0.23 0.00	10.64 -0.25 0.00	13.77 -0.16 0.00	17.39 -0.05 0.00	15.83 0.15 0.00	15.42 0.11 -0.01	14.43 0.08 0.00	14.30 -0.04 0.00	12.25 -0.10 -0.18	14.15 -0.12 0.00	15.76 -0.37 -0.01	14.25 -0.28 0.00	15.38 -0.52 -0.19	12.58 -0.56 5.25	11.53 -0.61 7.82	13.94 -0.48 4.52	9.42 -0.50 11.92	10.13 -0.64 11.76	7.82 -0.58 10.00	8.46 -0.27 4.43
KEDC_PORT_JEFF_GT2 24210	11.25 0.74 -3.68	7.04 0.65 0.00	6.49 0.59 0.00	7.54 0.68 0.00	7.57 0.66 0.00	11.91 1.02 0.00	15.31 1.38 0.00	19.04 1.61 0.00	16.96 1.28 0.00	16.54 1.24 0.00	15.56 1.22 0.00	15.48 1.15 0.00	14.42 1.18 -1.06	15.73 1.47 0.00	17.91 1.80 0.00	23.63 1.68 -7.42	27.26 1.78 -9.77	27.58 2.18 -7.01	22.19 2.23 0.00	21.07 1.80 -0.34	24.40 2.04 -0.51	24.63 2.10 0.00	20.14 1.74 0.00	17.15 1.31 -2.68
KEDC_PORT_JEFF_GT3 24211	11.25 0.74 -3.68	7.04 0.65 0.00	6.49 0.59 0.00	7.54 0.68 0.00	7.57 0.66 0.00	11.91 1.02 0.00	15.31 1.38 0.00	19.04 1.61 0.00	16.96 1.28 0.00	16.54 1.24 0.00	15.56 1.22 0.00	15.48 1.15 0.00	14.42 1.18 -1.06	15.73 1.47 0.00	17.91 1.80 0.00	23.63 1.68 -7.42	27.26 1.78 -9.77	27.58 2.18 -7.01	22.19 2.23 0.00	21.07 1.80 -0.34	24.40 2.04 -0.51	24.63 2.10 0.00	20.14 1.74 0.00	17.15 1.31 -2.68
KEDC_GLWD_GT4 24219	11.13 0.62 -3.68	6.95 0.55 0.00	6.40 0.50 0.00	7.42 0.56 0.00	7.46 0.55 0.00	11.74 0.86 0.00	15.08 1.15 0.00	18.83 1.39 0.00	16.88 1.20 0.00	16.56 1.26 0.00	15.65 1.30 0.00	15.68 1.34 0.00	14.46 1.23 -1.06	15.74 1.48 0.00	17.85 1.73 0.00	23.53 1.57 -7.42	27.12 1.64 -9.77	27.39 1.99 -7.01	21.99 2.03 0.00	21.04 1.76 -0.34	24.32 1.97 -0.51	24.54 2.01 0.00	20.04 1.64 0.00	17.05 1.21 -2.68
KEDC_GLWD_GT5 24220	11.13 0.62 -3.68	6.95 0.55 0.00	6.40 0.50 0.00	7.42 0.56 0.00	7.46 0.55 0.00	11.74 0.86 0.00	15.08 1.15 0.00	18.83 1.39 0.00	16.88 1.20 0.00	16.56 1.26 0.00	15.65 1.30 0.00	15.68 1.34 0.00	14.46 1.23 -1.06	15.74 1.48 0.00	17.85 1.73 0.00	23.53 1.57 -7.42	27.12 1.64 -9.77	27.39 1.99 -7.01	21.99 2.03 0.00	21.04 1.76 -0.34	24.32 1.97 -0.51	24.54 2.01 0.00	20.04 1.64 0.00	17.05 1.21 -2.68
KENSICO____ 23655	11.02 0.52 -3.68	6.86 0.46 0.00	6.32 0.41 0.00	7.33 0.47 0.00	7.37 0.46 0.00	11.61 0.72 0.00	14.90 0.97 0.00	18.61 1.18 0.00	16.71 1.03 0.00	16.38 1.08 0.00	15.48 1.13 0.00	15.56 1.23 0.00	14.32 1.09 -1.06	15.55 1.29 0.00	17.58 1.47 0.00	15.86 1.33 0.00	18.16 1.38 -1.07	20.81 1.69 -0.73	21.68 1.72 0.00	20.83 1.56 -0.34	24.08 1.72 -0.51	24.27 1.74 0.00	19.84 1.44 0.00	16.90 1.06 -2.68
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	10.70 0.55 -3.32	6.88 0.49 0.00	6.36 0.46 0.00	7.37 0.51 0.00	7.42 0.51 0.00	11.68 0.80 0.00	15.04 1.10 0.00	18.75 1.32 0.00	16.81 1.13 0.00	16.43 1.13 0.00	15.50 1.15 0.00	15.53 1.20 0.00	14.10 0.98 -0.95	15.42 1.16 0.00	17.43 1.31 0.00	15.74 1.21 0.00	17.95 1.27 -0.96	20.72 1.68 -0.66	21.85 1.90 0.00	20.99 1.75 -0.30	24.27 1.97 -0.45	24.51 1.99 0.00	19.99 1.59 0.00	16.69 1.12 -2.40
KIAC_JFK_GT1 23816	11.07 0.55 -3.68	6.88 0.49 0.00	6.34 0.43 0.00	7.35 0.49 0.00	7.39 0.49 0.00	11.64 0.76 0.00	14.93 0.99 0.00	18.66 1.23 0.00	16.76 1.08 0.00	16.43 1.13 0.00	15.50 1.15 0.00	15.56 1.23 0.00	14.33 1.11 -1.05	15.57 1.32 0.01	17.63 1.52 0.01	15.89 1.37 0.01	18.16 1.39 -1.06	20.77 1.66 -0.72	21.59 1.65 0.01	20.75 1.47 -0.33	23.96 1.61 -0.50	24.19 1.66 0.00	19.94 1.54 0.00	16.99 1.15 -2.68
KIAC_JFK_GT2 23817	11.07 0.55 -3.68	6.88 0.49 0.00	6.34 0.43 0.00	7.35 0.49 0.00	7.39 0.49 0.00	11.64 0.76 0.00	14.93 0.99 0.00	18.66 1.23 0.00	16.76 1.08 0.00	16.43 1.13 0.00	15.50 1.15 0.00	15.56 1.23 0.00	14.33 1.11 -1.05	15.57 1.32 0.01	17.63 1.52 0.01	15.89 1.37 0.01	18.16 1.39 -1.06	20.77 1.66 -0.72	21.59 1.65 0.01	20.75 1.47 -0.33	23.96 1.61 -0.50	24.19 1.66 0.00	19.94 1.54 0.00	16.99 1.15 -2.68
KIAC_JFK____ 323774	11.07 0.55 -3.68	6.88 0.49 0.00	6.34 0.43 0.00	7.35 0.49 0.00	7.39 0.49 0.00	11.64 0.76 0.00	14.93 0.99 0.00	18.66 1.23 0.00	16.76 1.08 0.00	16.43 1.13 0.00	15.50 1.15 0.00	15.56 1.23 0.00	14.33 1.11 -1.05	15.57 1.32 0.01	17.63 1.52 0.01	15.89 1.37 0.01	18.16 1.39 -1.06	20.77 1.66 -0.72	21.59 1.65 0.01	20.75 1.47 -0.33	23.96 1.61 -0.50	24.19 1.66 0.00	19.94 1.54 0.00	16.99 1.15 -2.68
KINTIGH____ 23543	6.64 -0.38 -0.19	6.07 -0.32 0.00	5.62 -0.28 0.00	6.50 -0.36 0.00	6.54 -0.36 0.00	10.41 -0.47 0.00	13.48 -0.46 0.00	16.98 -0.45 0.00	15.43 -0.25 0.00	15.04 -0.26 0.00	14.08 -0.26 0.00	13.96 -0.37 0.00	11.96 -0.37 -0.16	13.84 -0.43 0.00	15.43 -0.68 0.00	13.94 -0.58 0.00	15.08 -0.79 -0.16	13.70 -0.92 3.77	15.17 -1.01 3.78	15.92 -0.86 2.16	15.17 -0.94 5.73	15.82 -1.03 5.67	12.66 -0.89 4.85	10.78 -0.47 1.91
KNTFSRNC_46_KV_46KV_LOAD 80397	6.75 -0.08 0.00	6.37 -0.03 0.00	5.90 0.00 0.00	6.88 0.03 0.00	6.89 -0.02 0.00	10.90 0.02 0.00	13.99 0.06 0.00	17.41 -0.03 0.00	15.59 -0.09 0.00	15.08 -0.22 0.00	8.14 -0.62 5.59	-18.26 -0.73 31.87	-20.86 -0.64 32.40	-20.96 -0.76 34.46	-21.15 -0.79 36.48	-20.96 -0.70 34.79	-21.60 -0.71 36.60	-21.53 -0.79 39.12	-21.40 -0.84 40.52	-21.53 -0.86 39.61	-21.54 -1.00 42.39	-21.58 -0.99 43.12	-21.51 -0.77 39.14	-21.39 -0.60 33.95

LACHUTE____HYDRO 323717	11.79 0.35 -4.61	6.65 0.26 0.00	6.11 0.20 0.00	7.12 0.25 0.00	7.20 0.29 0.00	11.44 0.55 0.00	14.85 0.92 0.00	18.74 1.31 0.00	16.62 0.94 0.00	16.26 0.96 0.00	15.24 0.90 0.00	15.26 0.92 0.00	14.38 0.89 -1.32	15.22 0.96 0.00	17.21 1.09 0.00	15.58 1.05 0.00	18.38 1.33 -1.34	20.94 1.64 -0.91	21.89 1.93 0.00	21.15 1.79 -0.42	24.67 2.19 -0.63	24.75 2.22 0.00	20.13 1.73 0.00	17.70 1.20 -3.34
LAWRNCAV_115KV_TB1 80681	6.58 -0.25 0.00	6.18 -0.21 0.00	5.72 -0.18 0.00	6.66 -0.20 0.00	6.69 -0.21 0.00	10.53 -0.36 0.00	13.38 -0.55 0.00	16.75 -0.69 0.00	15.08 -0.61 0.00	14.67 -0.63 0.00	14.47 -0.74 -0.87	2.32 -0.83 11.18	-9.74 -0.73 21.19	-4.48 -0.84 17.91	-2.54 -0.83 17.84	-5.60 -0.76 19.37	20.66 -0.75 -5.70	21.88 -0.89 -4.39	18.74 -0.93 0.29	24.22 -0.89 -6.16	26.98 -1.00 -6.14	27.32 -0.97 -5.75	22.04 -0.67 -4.32	12.36 -0.53 0.27
LEDERLE____ 23769	10.93 0.54 -3.56	6.87 0.48 0.00	6.33 0.43 0.00	7.35 0.49 0.00	7.39 0.48 0.00	11.65 0.76 0.00	14.96 1.02 0.00	18.70 1.26 0.00	16.78 1.10 0.00	16.45 1.14 0.00	15.54 1.19 0.00	15.63 1.30 0.00	14.35 1.15 -1.02	15.62 1.35 0.00	17.66 1.54 0.00	15.92 1.39 0.00	18.21 1.46 -1.04	20.89 1.79 -0.71	21.80 1.84 0.00	20.92 1.66 -0.33	24.17 1.83 -0.49	24.37 1.85 0.00	19.91 1.51 0.00	16.86 1.10 -2.60
LIGHTHSE_115KV_TB6 355974	6.99 -0.15 -0.31	6.25 -0.14 0.00	5.78 -0.12 0.00	6.72 -0.13 0.00	6.78 -0.13 0.00	10.71 -0.17 0.00	13.80 -0.14 0.00	17.24 -0.20 0.00	15.42 -0.25 0.00	15.00 -0.31 0.00	14.05 -0.41 -0.11	12.87 -0.54 0.92	9.87 -0.51 1.79	12.11 -0.60 1.56	13.88 -0.70 1.54	12.23 -0.61 1.70	15.80 -0.73 -0.82	18.25 -0.81 -0.67	19.34 -0.79 -0.17	19.12 -0.63 -0.81	22.02 -0.66 -0.84	22.58 -0.71 -0.76	18.40 -0.61 -0.60	13.10 -0.42 -0.37
LINDEN COGEN____ 23786	11.04 0.53 -3.68	6.87 0.48 0.00	6.33 0.43 0.00	7.34 0.48 0.00	7.38 0.47 0.00	11.63 0.74 0.00	14.93 0.99 0.00	18.65 1.21 0.00	16.74 1.06 0.00	16.42 1.12 0.00	15.52 1.18 0.00	15.61 1.28 0.00	14.36 1.12 -1.06	15.62 1.36 0.00	17.67 1.55 0.00	15.92 1.39 0.00	18.18 1.39 -1.07	20.83 1.71 -0.73	21.70 1.74 0.00	20.83 1.56 -0.34	24.06 1.71 -0.51	24.28 1.75 0.00	19.90 1.50 0.00	16.96 1.12 -2.68
LINDHRST_69_KV_BK1 356055	11.24 0.72 -3.68	7.04 0.64 0.00	6.48 0.58 0.00	7.52 0.66 0.00	7.57 0.66 0.00	11.88 1.00 0.00	15.28 1.35 0.00	19.06 1.62 0.00	17.04 1.36 0.00	16.68 1.38 0.00	15.71 1.37 0.00	15.66 1.32 0.00	14.50 1.27 -1.06	15.80 1.54 0.00	17.97 1.85 0.00	23.67 1.72 -7.42	27.28 1.80 -9.77	27.59 2.19 -7.01	22.20 2.24 0.00	21.15 1.87 -0.34	24.48 2.12 -0.51	24.71 2.18 0.00	20.22 1.82 0.00	17.20 1.36 -2.68
LIPA_MISC_IPP 23656	11.22 0.71 -3.68	7.02 0.62 0.00	6.47 0.56 0.00	7.52 0.66 0.00	7.55 0.64 0.00	11.85 0.96 0.00	15.25 1.32 0.00	18.98 1.55 0.00	16.91 1.23 0.00	16.51 1.21 0.00	15.52 1.18 0.00	15.41 1.07 0.00	14.32 1.09 -1.06	15.61 1.34 0.00	17.77 1.65 0.00	23.50 1.55 -7.42	27.13 1.65 -9.77	27.44 2.04 -7.01	22.04 2.08 0.00	20.92 1.64 -0.34	24.22 1.86 -0.51	24.43 1.90 0.00	19.98 1.58 0.00	17.03 1.19 -2.68
LISF____SOLAR 323691	11.22 0.71 -3.68	7.02 0.63 0.00	6.48 0.57 0.00	7.53 0.67 0.00	7.56 0.65 0.00	11.86 0.98 0.00	15.27 1.33 0.00	19.00 1.56 0.00	16.92 1.24 0.00	16.50 1.20 0.00	15.52 1.17 0.00	15.39 1.06 0.00	14.31 1.08 -1.06	15.60 1.33 0.00	17.76 1.64 0.00	23.49 1.54 -7.42	27.13 1.65 -9.77	27.45 2.05 -7.01	22.06 2.10 0.00	20.94 1.66 -0.34	24.24 1.89 -0.51	24.46 1.94 0.00	20.00 1.60 0.00	17.04 1.20 -2.68
LITTLE FALLS____HYD 24013	6.78 -0.05 0.00	6.33 -0.06 0.00	5.87 -0.04 0.00	6.83 -0.03 0.00	6.88 -0.03 0.00	10.81 -0.08 0.00	13.81 -0.12 0.00	17.19 -0.25 0.00	15.29 -0.39 0.00	14.90 -0.40 0.00	14.03 -0.32 0.00	14.74 -0.28 -0.69	13.02 -0.28 -1.12	14.88 -0.38 -0.99	16.72 -0.40 -1.01	15.20 -0.39 -1.06	15.37 -0.34 0.00	18.10 -0.36 -0.07	19.86 -0.38 -0.28	18.76 -0.18 0.00	21.76 -0.10 -0.02	22.52 -0.05 -0.04	18.40 -0.08 -0.07	13.27 -0.12 -0.24
LITTLRIV_115KV_TB1 356100	6.63 -0.20 0.00	6.23 -0.16 0.00	5.77 -0.13 0.00	6.72 -0.14 0.00	6.75 -0.15 0.00	10.61 -0.27 0.00	13.48 -0.45 0.00	16.87 -0.57 0.00	15.18 -0.49 0.00	14.77 -0.53 0.00	14.64 -0.64 -0.94	2.90 -0.74 10.69	-9.11 -0.65 20.63	-3.82 -0.74 17.35	-1.82 -0.69 17.25	-4.90 -0.64 18.79	21.23 -0.62 -6.14	22.53 -0.73 -4.88	19.47 -0.73 -0.24	24.88 -0.71 -6.65	27.72 -0.78 -6.66	28.07 -0.75 -6.29	22.70 -0.51 -4.81	12.91 -0.43 -0.18
LI_NEWBRDGE____DRP 323616	11.13 0.62 -3.68	6.94 0.55 0.00	6.40 0.50 0.00	7.43 0.57 0.00	7.47 0.56 0.00	11.72 0.83 0.00	15.06 1.13 0.00	18.78 1.34 0.00	16.81 1.13 0.00	16.48 1.17 0.00	15.54 1.19 0.00	15.51 1.18 0.00	14.36 1.13 -1.06	15.63 1.37 0.00	17.76 1.64 0.00	23.47 1.52 -7.42	27.05 1.58 -9.77	27.30 1.90 -7.01	21.87 1.92 0.00	20.85 1.58 -0.34	24.13 1.78 -0.51	24.36 1.83 0.00	19.93 1.53 0.00	17.00 1.16 -2.68
LOCKPORT_115KV_TB60_63_64 80432	6.62 -0.44 -0.23	6.02 -0.37 0.00	5.57 -0.33 0.00	6.44 -0.42 0.00	6.49 -0.42 0.00	10.33 -0.56 0.00	13.35 -0.58 0.00	16.85 -0.59 0.00	15.36 -0.32 0.00	14.95 -0.36 0.00	14.00 -0.34 0.00	13.84 -0.49 0.00	11.87 -0.48 -0.17	13.71 -0.56 0.00	15.23 -0.88 0.00	13.78 -0.75 0.00	14.88 -1.00 -0.17	11.42 -1.15 5.82	12.91 -1.25 5.79	14.56 -1.05 3.33	11.90 -1.13 8.81	12.66 -1.18 8.69	10.24 -0.88 7.28	9.59 -0.45 3.12
LOCKPORT____CC1 323769	6.64 -0.43 -0.24	6.02 -0.37 0.00	5.58 -0.32 0.00	6.45 -0.41 0.00	6.50 -0.41 0.00	10.33 -0.56 0.00	13.37 -0.57 0.00	16.86 -0.57 0.00	15.38 -0.30 0.00	14.97 -0.34 0.00	14.02 -0.33 0.00	13.87 -0.47 0.00	11.89 -0.45 -0.17	13.74 -0.53 0.00	15.28 -0.84 0.00	13.82 -0.70 0.00	14.92 -0.96 -0.17	13.31 -1.09 3.99	12.56 -1.20 6.20	14.37 -1.00 3.57	11.32 -1.07 9.45	12.06 -1.15 9.32	9.72 -0.87 7.80	9.33 -0.46 3.36
LOCKPORT____CC2 323770	6.64 -0.43 -0.24	6.02 -0.37 0.00	5.58 -0.32 0.00	6.45 -0.41 0.00	6.50 -0.41 0.00	10.33 -0.56 0.00	13.37 -0.57 0.00	16.86 -0.57 0.00	15.38 -0.30 0.00	14.97 -0.34 0.00	14.02 -0.33 0.00	13.87 -0.47 0.00	11.89 -0.45 -0.17	13.74 -0.53 0.00	15.28 -0.84 0.00	13.82 -0.70 0.00	14.92 -0.96 -0.17	13.31 -1.09 3.99	12.56 -1.20 6.20	14.37 -1.00 3.57	11.32 -1.07 9.45	12.06 -1.15 9.32	9.72 -0.87 7.80	9.33 -0.46 3.36
LOCKPORT____CC3 323771	6.64 -0.43 -0.24	6.02 -0.37 0.00	5.58 -0.32 0.00	6.45 -0.41 0.00	6.50 -0.41 0.00	10.33 -0.56 0.00	13.37 -0.57 0.00	16.86 -0.57 0.00	15.38 -0.30 0.00	14.97 -0.34 0.00	14.02 -0.33 0.00	13.87 -0.47 0.00	11.89 -0.45 -0.17	13.74 -0.53 0.00	15.28 -0.84 0.00	13.82 -0.70 0.00	14.92 -0.96 -0.17	13.31 -1.09 3.99	12.56 -1.20 6.20	14.37 -1.00 3.57	11.32 -1.07 9.45	12.06 -1.15 9.32	9.72 -0.87 7.80	9.33 -0.46 3.36

LONG_LAKE_PHOENIX 24014	6.98 -0.20 -0.36	6.21 -0.18 0.00	5.74 -0.16 0.00	6.66 -0.20 0.00	6.72 -0.19 0.00	10.63 -0.26 0.00	13.68 -0.25 0.00	17.14 -0.30 0.00	15.39 -0.29 0.00	14.99 -0.31 0.00	14.05 -0.29 0.00	14.01 -0.32 0.00	11.98 -0.29 -0.10	13.92 -0.34 0.00	15.67 -0.45 0.00	14.14 -0.39 0.00	15.35 -0.46 -0.10	17.95 -0.51 -0.07	19.44 -0.52 0.00	18.52 -0.45 -0.03	21.39 -0.51 -0.05	21.94 -0.59 0.00	17.86 -0.54 0.00	13.06 -0.36 -0.26
LOVETT___3 23632	10.91 0.52 -3.57	6.85 0.46 0.00	6.31 0.41 0.00	7.32 0.46 0.00	7.36 0.46 0.00	11.61 0.72 0.00	14.90 0.97 0.00	18.62 1.18 0.00	16.71 1.03 0.00	16.37 1.07 0.00	15.47 1.13 0.00	15.56 1.23 0.00	14.29 1.09 -1.03	15.53 1.27 0.00	17.55 1.43 0.00	15.82 1.29 0.00	18.11 1.35 -1.05	20.76 1.66 -0.71	21.66 1.70 0.00	20.79 1.53 -0.33	24.02 1.68 -0.49	24.22 1.69 0.00	19.80 1.40 0.00	16.80 1.03 -2.61
LOVETT___4 23642	10.91 0.52 -3.57	6.85 0.46 0.00	6.31 0.41 0.00	7.32 0.46 0.00	7.36 0.46 0.00	11.61 0.72 0.00	14.90 0.97 0.00	18.62 1.18 0.00	16.71 1.03 0.00	16.37 1.07 0.00	15.47 1.13 0.00	15.56 1.23 0.00	14.29 1.09 -1.03	15.53 1.27 0.00	17.55 1.43 0.00	15.82 1.29 0.00	18.11 1.35 -1.05	20.76 1.66 -0.71	21.66 1.70 0.00	20.79 1.53 -0.33	24.02 1.68 -0.49	24.22 1.69 0.00	19.80 1.40 0.00	16.80 1.03 -2.61
LOVETT___5 23593	10.91 0.52 -3.57	6.85 0.46 0.00	6.31 0.41 0.00	7.32 0.46 0.00	7.36 0.46 0.00	11.61 0.72 0.00	14.90 0.97 0.00	18.62 1.18 0.00	16.71 1.03 0.00	16.37 1.07 0.00	15.47 1.13 0.00	15.56 1.23 0.00	14.29 1.09 -1.03	15.53 1.27 0.00	17.55 1.43 0.00	15.82 1.29 0.00	18.11 1.35 -1.05	20.76 1.66 -0.71	21.66 1.70 0.00	20.79 1.53 -0.33	24.02 1.68 -0.49	24.22 1.69 0.00	19.80 1.40 0.00	16.80 1.03 -2.61
LOWER RAQUET___HYD 24057	6.55 -0.28 0.00	6.15 -0.24 0.00	5.70 -0.21 0.00	6.63 -0.23 0.00	6.66 -0.24 0.00	10.48 -0.41 0.00	13.31 -0.62 0.00	16.66 -0.78 0.00	14.99 -0.69 0.00	14.59 -0.72 0.00	14.50 -0.84 -1.00	3.16 -0.94 10.23	-8.77 -0.83 20.11	-3.51 -0.95 16.82	-1.53 -0.95 16.69	-4.60 -0.88 18.25	21.40 -0.87 -6.56	22.69 -1.03 -5.34	19.63 -1.07 -0.75	25.03 -1.02 -7.10	27.85 -1.15 -7.15	28.20 -1.12 -6.79	22.90 -0.77 -5.27	13.16 -0.60 -0.60
LOWER___HUDSON 24059	11.58 0.25 -4.50	6.61 0.21 0.00	6.09 0.18 0.00	7.08 0.22 0.00	7.13 0.22 0.00	11.23 0.35 0.00	14.33 0.40 0.00	17.88 0.45 0.00	16.00 0.32 0.00	15.64 0.34 0.00	14.73 0.38 0.00	14.78 0.45 0.00	13.86 0.40 -1.29	14.69 0.42 0.00	16.61 0.49 0.00	14.93 0.40 0.00	17.52 0.50 -1.31	19.86 0.58 -0.89	20.60 0.64 0.00	20.05 0.70 -0.41	23.28 0.82 -0.62	23.36 0.84 0.00	19.08 0.68 0.00	16.92 0.49 -3.27
LOWVILLE_115KV_TB2 356335	6.95 -0.04 -0.16	6.38 -0.02 0.00	5.90 0.00 0.00	6.89 0.03 0.00	6.94 0.03 0.00	10.91 0.02 0.00	13.98 0.05 0.00	17.42 -0.02 0.00	15.53 -0.15 0.00	15.09 -0.22 0.00	14.12 -0.50 -0.29	11.08 -0.80 2.45	6.44 -0.79 4.94	9.20 -0.94 4.13	11.00 -1.03 4.09	9.13 -0.90 4.50	16.64 -1.01 -1.93	18.95 -1.05 -1.62	19.35 -1.02 -0.42	20.19 -0.80 -2.06	23.08 -0.85 -2.09	23.69 -0.82 -1.98	19.31 -0.65 -1.57	13.15 -0.47 -0.45
LUTHERFT_115KV_GLOB_FND_222 355753	11.71 0.29 -4.60	6.64 0.24 0.00	6.11 0.20 0.00	7.10 0.24 0.00	7.16 0.25 0.00	11.31 0.42 0.00	14.49 0.56 0.00	18.11 0.67 0.00	16.18 0.50 0.00	15.81 0.51 0.00	14.85 0.51 0.00	14.90 0.57 0.00	13.99 0.49 -1.32	14.82 0.55 0.00	16.75 0.63 0.00	15.10 0.57 0.00	17.74 0.69 -1.33	20.13 0.83 -0.91	20.86 0.90 0.00	20.29 0.94 -0.42	23.58 1.11 -0.63	23.63 1.10 0.00	19.28 0.88 0.00	17.11 0.62 -3.34
LUTHERNY_35_KV_BK2 355980	11.71 0.28 -4.60	6.63 0.24 0.00	6.11 0.20 0.00	7.10 0.24 0.00	7.15 0.25 0.00	11.30 0.42 0.00	14.49 0.55 0.00	18.11 0.67 0.00	16.18 0.49 0.00	15.81 0.50 0.00	14.85 0.50 0.00	14.90 0.57 0.00	13.98 0.49 -1.32	14.82 0.56 0.00	16.74 0.62 0.00	15.10 0.57 0.00	17.75 0.70 -1.33	20.13 0.83 -0.91	20.86 0.90 0.00	20.30 0.94 -0.42	23.60 1.12 -0.63	23.64 1.12 0.00	19.28 0.89 0.00	17.12 0.62 -3.34
LWR___OSWEGATCHIE_HYD 23850	6.76 -0.18 -0.12	6.24 -0.15 0.00	5.78 -0.13 0.00	6.73 -0.13 0.00	6.78 -0.13 0.00	10.66 -0.23 0.00	13.59 -0.35 0.00	16.96 -0.47 0.00	15.18 -0.50 0.00	14.75 -0.56 0.00	14.27 -0.76 -0.68	6.61 -0.96 6.77	-2.04 -0.88 13.33	2.08 -1.02 11.16	3.97 -1.07 11.07	1.45 -0.97 12.12	19.17 -1.04 -4.49	20.91 -1.14 -3.67	19.39 -1.15 -0.58	22.79 -0.99 -4.84	25.65 -1.08 -4.88	26.12 -1.03 -4.63	21.23 -0.77 -3.60	13.14 -0.58 -0.56
LYONS_FALL_HYD 23570	6.99 0.01 -0.15	6.41 0.02 0.00	5.94 0.03 0.00	6.92 0.06 0.00	6.97 0.06 0.00	10.96 0.08 0.00	14.06 0.13 0.00	17.55 0.11 0.00	15.68 0.00 0.00	15.25 -0.05 0.00	14.30 -0.23 -0.19	12.56 -0.43 1.34	8.92 -0.44 2.81	11.41 -0.52 2.33	13.25 -0.57 2.30	11.48 -0.50 2.55	16.45 -0.57 -1.30	18.94 -0.56 -1.12	19.84 -0.51 -0.40	19.95 -0.37 -1.37	22.88 -0.37 -1.41	23.50 -0.36 -1.34	19.17 -0.30 -1.08	13.37 -0.22 -0.44
MADISON___COUNTY_LFGE 323628	7.16 0.09 -0.25	6.47 0.08 0.00	5.99 0.09 0.00	6.97 0.11 0.00	7.02 0.11 0.00	11.08 0.19 0.00	14.25 0.31 0.00	17.81 0.37 0.00	15.95 0.27 0.00	15.51 0.21 0.00	14.50 0.16 0.00	14.43 0.10 0.00	12.30 0.06 -0.07	14.34 0.07 0.00	16.19 0.07 0.00	14.60 0.07 0.00	15.84 0.05 -0.07	18.56 0.12 -0.05	20.16 0.20 0.00	19.26 0.30 -0.02	22.24 0.37 -0.03	22.85 0.32 0.00	18.61 0.21 0.00	13.48 0.14 -0.18
MALONE___115KV_TB1 356076	6.69 -0.14 0.00	6.31 -0.08 0.00	5.85 -0.06 0.00	6.81 -0.05 0.00	6.82 -0.08 0.00	10.78 -0.11 0.00	13.78 -0.15 0.00	17.21 -0.23 0.00	15.47 -0.21 0.00	14.99 -0.32 0.00	17.54 -0.65 -3.84	9.00 -0.77 4.56	-9.25 -0.68 20.75	-1.01 -0.78 14.49	1.86 -0.77 13.49	-2.93 -0.72 16.74	40.16 -0.71 -25.16	41.66 -0.83 -24.10	36.11 -0.88 -17.03	45.28 -0.89 -27.23	49.21 -1.02 -28.38	49.62 -0.98 -28.07	41.64 -0.76 -24.00	26.79 -0.60 -14.23
MAPLEWOD_115KV_TB3 80458	11.57 0.26 -4.48	6.62 0.23 0.00	6.10 0.20 0.00	7.10 0.24 0.00	7.14 0.24 0.00	11.26 0.37 0.00	14.37 0.44 0.00	17.94 0.50 0.00	16.07 0.39 0.00	15.70 0.39 0.00	14.78 0.44 0.00	14.82 0.49 0.00	13.88 0.43 -1.28	14.73 0.46 0.00	16.66 0.55 0.00	15.00 0.47 0.00	17.58 0.57 -1.30	19.95 0.68 -0.89	20.68 0.73 0.00	20.12 0.77 -0.41	23.35 0.89 -0.61	23.43 0.90 0.00	19.13 0.73 0.00	16.95 0.54 -3.25
MAPLE RIDGE_WT_1 323574	6.70 -0.13 0.00	6.28 -0.11 0.00	5.80 -0.10 0.00	6.77 -0.09 0.00	6.81 -0.10 0.00	10.68 -0.21 0.00	13.61 -0.33 0.00	17.03 -0.41 0.00	15.36 -0.32 0.00	14.95 -0.36 0.00	13.82 -0.52 0.00	-17.47 -0.67 31.14	-39.00 -0.57 50.61	-31.37 -0.73 44.91	-30.25 -1.00 45.36	-39.00 -0.86 52.67	-16.57 -1.03 31.26	-39.00 -1.23 56.15	-39.00 -1.33 57.63	-39.00 -1.27 56.67	-39.00 -1.47 59.38	-39.00 -1.50 60.03	-39.00 -1.21 56.19	-39.00 -0.88 51.27

MAPLE_RIDGE_WT_2 323611	6.70 -0.13 0.00	6.28 -0.11 0.00	5.80 -0.10 0.00	6.77 -0.09 0.00	6.81 -0.10 0.00	10.68 -0.21 0.00	13.61 -0.33 0.00	17.03 -0.41 0.00	15.36 -0.32 0.00	14.95 -0.36 0.00	13.82 -0.52 0.00	-17.47 -0.67 31.14	-39.00 -0.57 50.61	-31.37 -0.73 44.91	-30.25 -1.00 45.36	-39.00 -0.86 52.67	-16.57 -1.03 31.26	-39.00 -1.23 56.15	-39.00 -1.33 57.63	-39.00 -1.27 56.67	-39.00 -1.47 59.38	-39.00 -1.50 60.03	-39.00 -1.21 56.19	-39.00 -0.88 51.27
MARBLE_RIVER_WT_PWR 323696	6.67 -0.16 0.00	6.30 -0.09 0.00	5.84 -0.06 0.00	6.82 -0.04 0.00	6.81 -0.10 0.00	10.78 -0.11 0.00	13.79 -0.14 0.00	17.18 -0.26 0.00	15.42 -0.26 0.00	14.91 -0.39 0.00	8.08 -0.78 5.48	-18.21 -0.88 31.66	-21.00 -0.75 32.42	-21.00 -0.89 34.37	-21.11 -0.87 36.36	-21.00 -0.80 34.73	-21.00 -0.80 35.91	-21.00 -0.97 38.42	-21.00 -1.04 39.92	-21.00 -1.08 38.86	-21.00 -1.24 41.60	-21.00 -1.20 42.33	-21.00 -0.96 38.44	-21.00 -0.71 33.44
MARSHVLE_115KV_TB1 80742	12.73 0.44 -5.46	6.81 0.42 0.00	6.28 0.38 0.00	7.30 0.44 0.00	7.37 0.47 0.00	11.68 0.80 0.00	15.07 1.14 0.00	18.87 1.44 0.00	17.03 1.34 0.00	16.53 1.23 0.00	15.36 1.02 0.00	15.22 0.89 0.00	14.39 0.66 -1.56	15.01 0.75 0.00	16.98 0.86 0.00	15.32 0.79 0.00	18.16 0.86 -1.59	20.49 1.03 -1.08	21.10 1.14 0.00	20.59 1.16 -0.50	24.01 1.42 -0.75	24.09 1.56 0.00	19.65 1.25 0.00	18.00 0.88 -3.96
MARSH_HILL_WT_PWR 323713	8.07 0.00 -1.24	6.40 0.01 0.00	5.94 0.04 0.00	6.91 0.05 0.00	7.01 0.11 0.00	11.18 0.29 0.00	15.09 1.16 0.00	18.95 1.51 0.00	16.46 0.78 0.00	15.86 0.55 0.00	14.79 0.44 0.00	14.68 0.34 0.00	12.58 0.19 -0.22	14.46 0.20 0.00	16.13 0.01 0.00	14.55 0.02 0.00	15.69 -0.25 -0.22	44.51 -0.27 -26.40	43.55 -0.24 -23.83	32.79 -0.17 -14.02	58.26 -0.29 -36.70	57.63 -0.68 -35.79	48.01 -0.86 -30.47	27.73 -0.56 -15.13
MCINTYRE_115KV_TB2 80467	6.71 -0.12 0.00	6.30 -0.09 0.00	5.83 -0.07 0.00	6.79 -0.07 0.00	6.82 -0.08 0.00	10.73 -0.16 0.00	13.63 -0.31 0.00	17.06 -0.38 0.00	15.36 -0.32 0.00	14.95 -0.36 0.00	14.72 -0.46 -0.83	2.37 -0.54 11.43	-9.77 -0.48 21.47	-4.46 -0.52 18.20	-2.47 -0.45 18.14	-5.54 -0.41 19.66	20.80 -0.38 -5.47	22.08 -0.45 -4.14	18.97 -0.43 0.57	24.44 -0.42 -5.92	27.27 -0.45 -5.87	27.59 -0.42 -5.48	22.19 -0.28 -4.07	12.40 -0.26 0.50
MECO____69_KV_BK1 80468	12.57 0.54 -5.20	6.90 0.50 0.00	6.39 0.49 0.00	7.44 0.58 0.00	7.51 0.60 0.00	11.83 0.94 0.00	15.32 1.39 0.00	19.02 1.58 0.00	16.99 1.31 0.00	16.34 1.04 0.00	15.07 0.72 0.00	14.92 0.59 0.00	14.09 0.43 -1.49	14.80 0.53 0.00	16.90 0.79 0.00	15.35 0.82 0.00	18.24 1.02 -1.51	20.32 0.91 -1.03	21.47 1.51 0.00	21.14 1.73 -0.47	24.63 2.07 -0.71	24.62 2.09 0.00	20.02 1.62 0.00	18.04 1.11 -3.77
MENANDS__115KV_TB5 355628	11.46 0.19 -4.44	6.56 0.17 0.00	6.05 0.14 0.00	7.05 0.18 0.00	7.08 0.17 0.00	11.14 0.25 0.00	14.19 0.25 0.00	17.69 0.25 0.00	15.85 0.17 0.00	15.50 0.20 0.00	14.62 0.27 0.00	14.67 0.33 0.00	13.76 0.31 -1.27	14.59 0.32 0.00	16.50 0.39 0.00	14.85 0.33 0.00	17.38 0.38 -1.29	19.69 0.43 -0.88	20.41 0.45 0.00	19.84 0.50 -0.40	23.02 0.56 -0.61	23.09 0.56 0.00	18.88 0.48 0.00	16.77 0.38 -3.23
MG INDUSTRY__DRP 24185	11.38 0.20 -4.35	6.57 0.18 0.00	6.06 0.16 0.00	7.06 0.20 0.00	7.10 0.19 0.00	11.18 0.29 0.00	14.25 0.32 0.00	17.77 0.34 0.00	15.92 0.24 0.00	15.56 0.25 0.00	14.63 0.29 0.00	14.67 0.34 0.00	13.72 0.30 -1.25	14.58 0.31 0.00	16.50 0.38 0.00	14.86 0.33 0.00	17.37 0.39 -1.27	19.68 0.43 -0.86	20.43 0.48 0.00	19.86 0.52 -0.40	23.05 0.61 -0.60	23.13 0.60 0.00	18.90 0.50 0.00	16.72 0.39 -3.16
MID__OSWEGATCHIE_HYD 23849	6.76 -0.18 -0.12	6.24 -0.15 0.00	5.78 -0.13 0.00	6.73 -0.13 0.00	6.78 -0.13 0.00	10.66 -0.23 0.00	13.59 -0.35 0.00	16.96 -0.47 0.00	15.18 -0.50 0.00	14.75 -0.56 0.00	14.27 -0.76 -0.68	6.61 -0.96 6.77	-2.04 -0.88 13.33	2.08 -1.02 11.16	3.97 -1.07 11.07	1.45 -0.97 12.12	19.17 -1.04 -4.49	20.91 -1.14 -3.67	19.39 -1.15 -0.58	22.79 -0.99 -4.84	25.65 -1.08 -4.88	26.12 -1.03 -4.63	21.23 -0.77 -3.60	13.14 -0.58 -0.56
MID__RAQUETTE_HYD 23851	6.54 -0.28 0.00	6.15 -0.24 0.00	5.70 -0.21 0.00	6.63 -0.23 0.00	6.66 -0.24 0.00	10.48 -0.41 0.00	13.31 -0.62 0.00	16.66 -0.78 0.00	14.99 -0.69 0.00	14.59 -0.72 0.00	14.50 -0.84 -1.00	3.16 -0.94 10.23	-8.77 -0.83 20.11	-3.51 -0.95 16.82	-1.53 -0.95 16.69	-4.60 -0.87 18.25	21.40 -0.87 -6.56	22.69 -1.03 -5.34	19.63 -1.07 -0.75	25.03 -1.02 -7.10	27.85 -1.14 -7.15	28.21 -1.11 -6.79	22.90 -0.77 -5.27	13.16 -0.60 -0.60
MILLIKEN__1 23584	8.00 0.09 -1.08	6.46 0.07 0.00	5.98 0.07 0.00	6.95 0.09 0.00	7.00 0.09 0.00	11.09 0.20 0.00	14.33 0.40 0.00	17.94 0.50 0.00	16.04 0.36 0.00	15.56 0.26 0.00	14.53 0.18 0.00	14.47 0.14 0.00	12.48 0.09 -0.22	14.39 0.12 0.00	16.19 0.08 0.00	14.64 0.11 0.00	15.98 0.05 -0.22	20.48 0.14 -1.94	21.98 0.26 -1.75	20.37 0.33 -1.10	25.05 0.40 -2.81	25.49 0.32 -2.64	20.84 0.19 -2.25	14.94 0.16 -1.62
MILLIKEN__2 23585	8.00 0.09 -1.08	6.46 0.07 0.00	5.98 0.07 0.00	6.95 0.09 0.00	7.00 0.09 0.00	11.09 0.20 0.00	14.33 0.40 0.00	17.94 0.50 0.00	16.04 0.36 0.00	15.56 0.26 0.00	14.53 0.18 0.00	14.47 0.14 0.00	12.48 0.09 -0.22	14.39 0.12 0.00	16.19 0.08 0.00	14.64 0.11 0.00	15.98 0.05 -0.22	20.48 0.14 -1.94	21.98 0.26 -1.75	20.37 0.33 -1.10	25.05 0.40 -2.81	25.49 0.32 -2.64	20.84 0.19 -2.25	14.94 0.16 -1.62
MILLIKEN__DIESEL 23629	8.00 0.09 -1.08	6.46 0.07 0.00	5.98 0.07 0.00	6.95 0.09 0.00	7.00 0.09 0.00	11.09 0.20 0.00	14.33 0.40 0.00	17.94 0.50 0.00	16.04 0.36 0.00	15.56 0.26 0.00	14.53 0.18 0.00	14.47 0.14 0.00	12.48 0.09 -0.22	14.39 0.12 0.00	16.19 0.08 0.00	14.64 0.11 0.00	15.98 0.05 -0.22	20.48 0.14 -1.94	21.98 0.26 -1.75	20.37 0.33 -1.10	25.05 0.40 -2.81	25.49 0.32 -2.64	20.84 0.19 -2.25	14.94 0.16 -1.62
MILLSEAT__LFGE 323607	6.70 -0.32 -0.19	6.13 -0.27 0.00	5.67 -0.23 0.00	6.55 -0.30 0.00	6.61 -0.29 0.00	10.54 -0.35 0.00	13.53 -0.40 0.00	17.05 -0.39 0.00	15.50 -0.18 0.00	15.06 -0.24 0.00	14.10 -0.24 0.00	13.95 -0.38 0.00	11.94 -0.40 -0.17	13.79 -0.47 0.00	15.34 -0.78 0.00	13.88 -0.65 0.00	14.97 -0.91 -0.17	13.84 -0.98 3.56	13.15 -1.05 5.76	14.80 -0.83 3.31	12.23 -0.84 8.78	13.17 -0.68 8.68	10.57 -0.60 7.23	9.77 -0.28 3.10
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	11.00 0.51 -3.67	6.84 0.45 0.00	6.30 0.40 0.00	7.31 0.46 0.00	7.35 0.45 0.00	11.59 0.71 0.00	14.88 0.94 0.00	18.58 1.15 0.00	16.68 1.00 0.00	16.34 1.05 0.00	15.44 1.10 0.00	15.53 1.19 0.00	14.29 1.06 -1.05	15.52 1.25 0.00	17.55 1.43 0.00	15.82 1.29 0.00	18.13 1.34 -1.07	20.77 1.65 -0.73	21.64 1.69 0.00	20.80 1.53 -0.33	24.04 1.68 -0.51	24.24 1.71 0.00	19.81 1.41 0.00	16.87 1.04 -2.67

MILLWOOD_13_KV_LOAD 356217	11.01 0.52 -3.67	6.86 0.46 0.00	6.32 0.41 0.00	7.33 0.47 0.00	7.37 0.46 0.00	11.62 0.73 0.00	14.90 0.97 0.00	18.62 1.19 0.00	16.72 1.04 0.00	16.38 1.08 0.00	15.48 1.14 0.00	15.57 1.23 0.00	14.32 1.09 -1.05	15.55 1.29 0.00	17.59 1.47 0.00	15.86 1.33 0.00	18.18 1.39 -1.07	20.82 1.71 -0.73	21.70 1.75 0.00	20.85 1.58 -0.33	24.10 1.75 -0.51	24.29 1.76 0.00	19.85 1.45 0.00	16.90 1.07 -2.67
MODEL_CITY_ENERGY 24167	6.58 -0.51 -0.25	5.95 -0.44 0.00	5.51 -0.39 0.00	6.37 -0.49 0.00	6.42 -0.49 0.00	10.20 -0.69 0.00	13.20 -0.74 0.00	16.66 -0.78 0.00	15.19 -0.49 0.00	14.78 -0.52 0.00	13.85 -0.49 0.00	13.69 -0.64 0.00	11.75 -0.59 -0.17	13.57 -0.69 0.00	15.10 -1.02 0.00	13.66 -0.87 0.00	14.74 -1.14 -0.17	13.42 -1.30 3.67	12.57 -1.44 5.95	14.29 -1.23 3.42	11.45 -1.35 9.05	12.18 -1.42 8.93	9.94 -1.02 7.44	9.39 -0.56 3.21
MODERN_LFGE_ 323580	6.58 -0.51 -0.25	5.95 -0.44 0.00	5.51 -0.39 0.00	6.37 -0.49 0.00	6.42 -0.49 0.00	10.20 -0.69 0.00	13.20 -0.74 0.00	16.66 -0.78 0.00	15.19 -0.49 0.00	14.78 -0.52 0.00	13.85 -0.49 0.00	13.69 -0.64 0.00	11.75 -0.59 -0.17	13.57 -0.69 0.00	15.10 -1.02 0.00	13.66 -0.87 0.00	14.74 -1.14 -0.17	13.42 -1.30 3.67	12.57 -1.44 5.95	14.29 -1.23 3.42	11.45 -1.35 9.05	12.18 -1.42 8.93	9.94 -1.02 7.44	9.39 -0.56 3.21
MOHAWK_PAPER___DRP 24187	11.57 0.26 -4.48	6.62 0.23 0.00	6.10 0.20 0.00	7.10 0.24 0.00	7.14 0.24 0.00	11.26 0.37 0.00	14.37 0.44 0.00	17.94 0.50 0.00	16.07 0.39 0.00	15.70 0.39 0.00	14.78 0.44 0.00	14.82 0.49 0.00	13.88 0.43 -1.28	14.73 0.46 0.00	16.66 0.55 0.00	15.00 0.47 0.00	17.58 0.57 -1.30	19.95 0.68 -0.89	20.68 0.73 0.00	20.12 0.77 -0.41	23.35 0.89 -0.61	23.43 0.90 0.00	19.13 0.73 0.00	16.95 0.54 -3.25
MOHICAN__35_KV_115KV_LD 80490	11.62 0.19 -4.60	6.53 0.14 0.00	6.00 0.10 0.00	6.99 0.13 0.00	7.05 0.14 0.00	11.16 0.27 0.00	14.35 0.42 0.00	17.95 0.52 0.00	16.01 0.33 0.00	15.64 0.33 0.00	14.69 0.35 0.00	14.72 0.39 0.00	13.86 0.37 -1.32	14.65 0.38 0.00	16.56 0.44 0.00	14.95 0.42 0.00	17.61 0.57 -1.34	19.99 0.70 -0.91	20.75 0.80 0.00	20.18 0.82 -0.42	23.48 1.01 -0.63	23.52 0.99 0.00	19.17 0.77 0.00	17.02 0.53 -3.34
MONGAUP___HYD 23641	10.61 0.43 -3.35	6.78 0.38 0.00	6.25 0.35 0.00	7.26 0.40 0.00	7.31 0.39 0.00	11.50 0.61 0.00	14.76 0.83 0.00	18.41 0.97 0.00	16.48 0.80 0.00	16.06 0.75 0.00	15.09 0.74 0.00	15.10 0.77 0.00	13.80 0.67 -0.95	15.06 0.79 0.00	17.02 0.90 0.00	15.35 0.82 0.00	17.45 0.77 -0.97	19.90 0.86 -0.66	20.95 0.99 0.00	20.27 1.02 -0.30	23.63 1.33 -0.46	23.96 1.43 0.00	19.62 1.22 0.00	16.44 0.87 -2.41
MONTAUK___DIESEL 23721	11.43 0.92 -3.68	7.21 0.82 0.00	6.64 0.74 0.00	7.73 0.87 0.00	7.76 0.85 0.00	12.22 1.34 0.00	15.75 1.82 0.00	19.61 2.17 0.00	17.47 1.79 0.00	17.02 1.72 0.00	16.01 1.67 0.00	15.88 1.55 0.00	14.70 1.47 -1.06	16.06 1.79 0.00	18.29 2.17 0.00	23.98 2.03 -7.42	27.65 2.17 -9.77	28.14 2.75 -7.01	22.82 2.86 0.00	21.68 2.40 -0.34	25.10 2.75 -0.51	25.29 2.76 0.00	20.63 2.23 0.00	17.46 1.62 -2.68
MOONROAD_115KV_HARTFLD_TB1-2 355988	7.20 -0.06 -0.44	6.38 -0.01 0.00	5.92 0.02 0.00	6.87 0.01 0.00	6.94 0.03 0.00	11.08 0.19 0.00	14.46 0.53 0.00	18.21 0.77 0.00	16.46 0.78 0.00	16.04 0.73 -0.01	14.99 0.65 0.00	14.86 0.53 0.00	12.72 0.36 -0.19	14.69 0.42 0.00	16.34 0.22 -0.01	14.76 0.22 0.00	15.77 -0.14 -0.20	12.49 -0.15 5.75	14.08 -0.12 5.75	15.55 -0.08 3.31	12.88 -0.22 8.74	13.28 -0.60 8.65	10.38 -0.65 7.37	9.75 -0.27 3.14
MORTIMER_115KV_TB3 55949	6.61 -0.25 -0.03	6.18 -0.21 0.00	5.71 -0.20 0.00	6.61 -0.25 0.00	6.67 -0.25 0.00	10.61 -0.27 0.00	13.75 -0.18 0.00	17.30 -0.14 0.00	15.63 -0.05 0.00	15.22 -0.09 0.00	14.25 -0.09 0.00	14.15 -0.18 0.00	12.13 -0.19 -0.14	14.05 -0.22 0.00	15.72 -0.39 0.00	14.20 -0.33 0.00	15.39 -0.47 -0.14	17.97 -0.52 -0.10	19.43 -0.53 0.00	18.58 -0.41 -0.04	21.49 -0.42 -0.07	21.99 -0.54 0.00	17.88 -0.52 0.00	13.24 -0.28 -0.36
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	11.06 0.55 -3.68	6.88 0.49 0.00	6.34 0.43 0.00	7.35 0.49 0.00	7.39 0.49 0.00	11.65 0.76 0.00	14.96 1.02 0.00	18.68 1.24 0.00	16.78 1.10 0.00	16.45 1.15 0.00	15.55 1.21 0.00	15.64 1.30 0.00	14.39 1.16 -1.06	15.64 1.37 0.00	17.68 1.56 0.00	15.94 1.41 0.00	18.24 1.46 -1.07	20.90 1.78 -0.73	21.76 1.81 0.00	20.91 1.63 -0.34	24.15 1.80 -0.51	24.35 1.82 0.00	19.92 1.52 0.00	16.97 1.13 -2.68
MUNSVILLE_WIND_PWR 323609	8.53 0.39 -1.31	6.76 0.37 0.00	6.28 0.37 0.00	7.29 0.43 0.00	7.37 0.46 0.00	11.66 0.77 0.00	15.11 1.18 0.00	18.90 1.46 0.00	16.86 1.19 0.00	16.26 0.96 0.00	15.07 0.73 0.00	14.90 0.56 0.00	12.92 0.43 -0.31	14.75 0.49 0.00	16.63 0.52 0.00	14.99 0.46 0.00	16.52 0.49 -0.32	19.31 0.65 -0.28	22.19 1.01 -1.23	21.01 1.25 -0.82	25.46 1.58 -2.03	25.71 1.34 -1.84	20.89 0.91 -1.58	15.35 0.65 -1.54
N SALMON___HYD 24042	6.69 -0.14 0.00	6.31 -0.08 0.00	5.84 -0.06 0.00	6.81 -0.05 0.00	6.82 -0.09 0.00	10.78 -0.11 0.00	13.78 -0.15 0.00	17.21 -0.23 0.00	15.47 -0.21 0.00	14.99 -0.32 0.00	17.54 -0.65 -3.84	9.00 -0.77 4.56	-9.26 -0.68 20.75	-1.01 -0.78 14.49	1.85 -0.77 13.49	-2.93 -0.73 16.74	40.15 -0.71 -25.16	41.65 -0.84 -24.10	36.11 -0.88 -17.03	45.28 -0.89 -27.23	49.21 -1.02 -28.38	49.63 -0.98 -28.07	41.64 -0.76 -24.00	26.79 -0.60 -14.23
N.AKRON__115KV_KNAPP 355671	6.68 -0.35 -0.21	6.10 -0.29 0.00	5.65 -0.25 0.00	6.53 -0.33 0.00	6.58 -0.32 0.00	10.49 -0.40 0.00	13.52 -0.42 0.00	17.05 -0.39 0.00	15.51 -0.17 0.00	15.07 -0.23 0.00	14.10 -0.24 0.00	13.97 -0.36 0.00	11.95 -0.39 -0.17	13.79 -0.47 0.00	15.33 -0.79 0.00	13.86 -0.67 0.00	14.98 -0.91 -0.17	11.63 -1.01 5.74	13.16 -1.08 5.72	14.78 -0.87 3.29	12.22 -0.90 8.74	13.11 -0.76 8.65	10.58 -0.63 7.19	9.80 -0.28 3.08
N.BELMOR_69_KV_BK1 55787	11.17 0.65 -3.68	6.98 0.59 0.00	6.43 0.53 0.00	7.46 0.60 0.00	7.50 0.59 0.00	11.78 0.89 0.00	15.14 1.21 0.00	18.89 1.45 0.00	16.91 1.23 0.00	16.58 1.28 0.00	15.64 1.30 0.00	15.63 1.29 0.00	14.45 1.22 -1.06	15.73 1.47 0.00	17.87 1.75 0.00	23.57 1.62 -7.42	27.16 1.68 -9.77	27.44 2.04 -7.01	22.04 2.08 0.00	21.04 1.76 -0.34	24.34 1.98 -0.51	24.56 2.03 0.00	20.09 1.69 0.00	17.10 1.26 -2.68
N.E._GEN_SANDY PD 24062	11.26 0.33 -4.10	6.68 0.29 0.00	6.16 0.26 0.00	7.16 0.30 0.00	7.20 0.29 0.00	11.34 0.45 0.00	14.47 0.54 0.00	18.03 0.59 0.00	16.14 0.46 0.00	15.79 0.49 0.00	14.91 0.56 0.00	14.99 0.65 0.00	13.94 0.58 -1.18	14.90 0.64 0.00	16.94 0.73 -0.09	15.13 0.62 0.02	17.62 0.70 -1.20	20.04 0.84 -0.82	20.84 0.88 0.00	20.22 0.90 -0.38	23.44 1.03 -0.57	23.57 1.04 0.00	19.26 0.86 0.00	16.71 0.64 -2.92

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	10.91 0.52 -3.56	6.85 0.46 0.00	6.32 0.41 0.00	7.32 0.46 0.00	7.37 0.46 0.00	11.61 0.72 0.00	14.90 0.97 0.00	18.62 1.19 0.00	16.72 1.04 0.00	16.38 1.08 0.00	15.48 1.13 0.00	15.57 1.23 0.00	14.30 1.10 -1.03	15.55 1.29 0.00	17.59 1.47 0.00	15.85 1.32 0.00	18.14 1.38 -1.04	20.81 1.71 -0.71	21.71 1.75 0.00	20.84 1.57 -0.33	24.07 1.73 -0.49	24.27 1.74 0.00	19.84 1.44 0.00	16.82 1.05 -2.61
N.QUEENS_27_KV_LOAD 356247	11.08 0.57 -3.68	6.90 0.51 0.00	6.35 0.45 0.00	7.37 0.51 0.00	7.41 0.51 0.00	11.66 0.77 0.00	15.00 1.07 0.00	18.73 1.29 0.00	16.85 1.17 0.00	16.51 1.21 0.00	15.61 1.26 0.00	15.69 1.35 0.00	14.42 1.19 -1.06	15.68 1.41 0.00	17.72 1.61 0.00	15.97 1.44 0.00	18.25 1.47 -1.07	20.91 1.79 -0.73	21.82 1.86 0.00	20.94 1.66 -0.34	24.21 1.86 -0.51	24.42 1.89 0.00	20.00 1.60 0.00	17.01 1.17 -2.68
N.TROY___115KV_TB1 355778	11.58 0.25 -4.50	6.61 0.22 0.00	6.09 0.18 0.00	7.08 0.22 0.00	7.13 0.22 0.00	11.23 0.35 0.00	14.33 0.40 0.00	17.89 0.45 0.00	16.00 0.32 0.00	15.64 0.34 0.00	14.72 0.38 0.00	14.78 0.45 0.00	13.86 0.40 -1.29	14.69 0.42 0.00	16.60 0.49 0.00	14.93 0.41 0.00	17.52 0.50 -1.31	19.87 0.59 -0.89	20.60 0.64 0.00	20.06 0.71 -0.41	23.28 0.82 -0.62	23.36 0.83 0.00	19.08 0.68 0.00	16.92 0.49 -3.27
NARROWS_GT1_1 24228	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
NARROWS_GT1_2 24229	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
NARROWS_GT1_3 24230	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
NARROWS_GT1_4 24231	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
NARROWS_GT1_5 24232	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
NARROWS_GT1_6 24233	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
NARROWS_GT1_7 24234	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
NARROWS_GT1_8 24235	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
NARROWS_GT2_1 24236	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
NARROWS_GT2_2 24237	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
NARROWS_GT2_3 24238	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
NARROWS_GT2_4 24239	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68

NARROWS_GT2_5 24240	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
NARROWS_GT2_6 24241	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
NARROWS_GT2_7 24242	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
NARROWS_GT2_8 24243	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	11.26 0.25 -4.18	6.63 0.24 0.00	6.10 0.19 0.00	7.11 0.25 0.00	7.15 0.25 0.00	11.29 0.40 0.00	14.38 0.45 0.00	17.93 0.49 0.00	16.00 0.32 0.00	15.58 0.28 0.00	14.64 0.30 0.00	14.65 0.32 0.00	13.65 0.28 -1.20	14.56 0.30 0.00	16.48 0.36 0.00	14.86 0.33 0.00	17.34 0.41 -1.22	19.66 0.44 -0.83	20.60 0.65 0.00	20.08 0.76 -0.38	23.36 0.94 -0.57	23.46 0.93 0.00	19.11 0.72 0.00	16.74 0.54 -3.04
NCHELSEA_115KV_TR2 355582	11.04 0.53 -3.67	6.87 0.48 0.00	6.33 0.42 0.00	7.34 0.48 0.00	7.39 0.48 0.00	11.65 0.76 0.00	14.96 1.02 0.00	18.66 1.23 0.00	16.74 1.07 0.00	16.39 1.09 0.00	15.47 1.13 0.00	15.54 1.21 0.00	14.28 1.06 -1.05	15.52 1.25 0.00	17.54 1.43 0.00	15.83 1.31 0.00	18.17 1.39 -1.06	20.84 1.72 -0.72	21.75 1.80 0.00	20.92 1.65 -0.33	24.19 1.84 -0.50	24.38 1.85 0.00	19.90 1.51 0.00	16.90 1.09 -2.66
NEG CAPITAL___MECHNVIL 23645	11.69 0.29 -4.57	6.64 0.25 0.00	6.11 0.21 0.00	7.11 0.25 0.00	7.16 0.25 0.00	11.31 0.43 0.00	14.49 0.55 0.00	18.09 0.66 0.00	16.18 0.50 0.00	15.80 0.50 0.00	14.86 0.51 0.00	14.90 0.57 0.00	13.98 0.50 -1.31	14.81 0.55 0.00	16.75 0.63 0.00	15.09 0.56 0.00	17.74 0.70 -1.33	20.12 0.83 -0.90	20.87 0.92 0.00	20.31 0.95 -0.41	23.59 1.12 -0.63	23.64 1.12 0.00	19.28 0.88 0.00	17.09 0.62 -3.32
NEG CENTRAL_HIGH_ACRES 23767	6.56 -0.31 -0.04	6.11 -0.28 0.00	5.65 -0.25 0.00	6.55 -0.31 0.00	6.61 -0.30 0.00	10.50 -0.39 0.00	13.61 -0.33 0.00	17.11 -0.32 0.00	15.42 -0.26 0.00	15.01 -0.29 0.00	14.05 -0.29 0.00	13.97 -0.36 0.00	11.97 -0.34 -0.14	13.86 -0.41 0.00	15.53 -0.59 0.00	14.03 -0.50 0.00	15.21 -0.64 -0.14	18.72 -0.70 -1.03	19.23 -0.72 0.00	18.38 -0.61 -0.04	21.24 -0.67 -0.07	21.74 -0.79 0.00	17.65 -0.74 0.01	13.04 -0.46 -0.35
NEG CENTRAL___DRP 24199	9.48 -0.05 -2.70	6.34 -0.05 0.00	5.87 -0.03 0.00	6.82 -0.04 0.00	6.88 -0.03 0.00	10.90 0.02 0.00	14.16 0.23 0.00	17.77 0.33 0.00	15.88 0.20 0.00	15.42 0.12 0.00	14.41 0.07 0.00	14.36 0.02 0.00	12.30 -0.02 -0.15	14.24 -0.03 0.00	15.99 -0.13 0.00	14.46 -0.07 0.00	15.69 -0.17 -0.15	20.67 -0.15 -2.44	22.16 -0.08 -2.28	20.31 -0.01 -1.38	25.39 -0.04 -3.58	25.82 -0.14 -3.43	21.12 -0.19 -2.92	14.85 -0.08 -1.77
NEG CENTRAL___INDECK 23768	7.66 0.01 -0.83	6.41 0.01 0.00	5.93 0.03 0.00	6.88 0.02 0.00	6.96 0.05 0.00	11.13 0.24 0.00	14.85 0.91 0.00	18.58 1.14 0.00	16.20 0.52 0.00	15.62 0.32 0.00	14.60 0.25 0.00	14.48 0.14 0.00	12.42 0.05 -0.19	14.32 0.06 0.00	16.01 -0.11 0.00	14.46 -0.07 0.00	15.65 -0.26 -0.19	45.01 -0.24 -26.87	44.30 -0.21 -24.55	33.43 0.07 -14.42	59.92 0.29 -37.78	59.53 0.14 -36.86	49.72 -0.06 -31.38	28.67 0.00 -15.51
NEG CENTRAL___SENECA 23627	10.92 -0.03 -4.13	6.36 -0.03 0.00	5.90 0.00 0.00	6.86 0.00 0.00	6.91 0.00 0.00	10.95 0.07 0.00	14.28 0.34 0.00	17.94 0.50 0.00	16.01 0.34 0.00	15.53 0.23 0.00	14.50 0.16 0.00	14.43 0.10 0.00	12.37 0.03 -0.16	14.30 0.04 0.00	16.04 -0.07 0.00	14.52 -0.01 0.00	15.74 -0.14 -0.16	22.10 -0.11 -3.82	23.55 -0.02 -3.62	21.16 0.05 -2.17	27.51 0.01 -5.65	27.86 -0.11 -5.44	22.85 -0.18 -4.63	15.74 -0.05 -2.63
NEG CENTRAL___STATE_STREET 24147	8.02 0.05 -1.14	6.41 0.02 0.00	5.90 -0.01 0.00	6.87 0.01 0.00	6.92 0.01 0.00	11.03 0.15 0.00	14.29 0.36 0.00	17.87 0.43 0.00	15.96 0.28 0.00	15.52 0.21 0.00	14.51 0.17 0.00	14.46 0.12 0.00	12.40 0.08 -0.15	14.37 0.10 0.00	16.16 0.05 0.00	14.60 0.07 0.00	15.87 0.02 -0.15	19.55 0.08 -1.08	21.07 0.15 -0.96	19.74 0.19 -0.61	23.60 0.21 -1.54	24.09 0.13 -1.44	19.67 0.05 -1.22	14.18 0.06 -0.96
NEG MILLWOOD___DRP 24198	11.08 0.55 -3.71	6.88 0.49 0.00	6.34 0.43 0.00	7.35 0.49 0.00	7.40 0.49 0.00	11.67 0.79 0.00	14.99 1.06 0.00	18.72 1.29 0.00	16.80 1.12 0.00	16.45 1.15 0.00	15.53 1.19 0.00	15.59 1.26 0.00	14.35 1.12 -1.06	15.58 1.32 0.00	17.61 1.49 0.00	15.90 1.37 0.00	18.24 1.45 -1.08	20.92 1.79 -0.73	21.82 1.86 0.00	20.98 1.70 -0.34	24.25 1.90 -0.51	24.43 1.91 0.00	19.95 1.55 0.00	16.97 1.12 -2.69
NEG NORTH_FLCN_SEA 23793	6.75 -0.08 0.00	6.37 -0.02 0.00	5.90 0.00 0.00	6.89 0.03 0.00	6.89 -0.02 0.00	10.91 0.02 0.00	13.99 0.06 0.00	17.43 0.00 0.00	15.62 -0.06 0.00	15.12 -0.19 0.00	8.22 -0.59 5.53	-18.14 -0.71 31.76	-20.85 -0.62 32.41	-20.89 -0.74 34.42	-21.06 -0.76 36.42	-20.90 -0.68 34.76	-21.21 -0.68 36.25	-21.15 -0.77 38.76	-21.08 -0.83 40.21	-21.15 -0.86 39.23	-21.14 -1.00 41.99	-21.18 -0.99 42.72	-21.15 -0.77 38.78	-21.13 -0.60 33.69
NEG NORTH_KES_CHATAGAY 23792	6.68 -0.15 0.00	6.31 -0.08 0.00	5.84 -0.06 0.00	6.82 -0.04 0.00	6.81 -0.09 0.00	10.78 -0.11 0.00	13.78 -0.15 0.00	17.17 -0.27 0.00	15.42 -0.26 0.00	14.92 -0.39 0.00	7.69 -0.77 5.88	-19.01 -0.89 32.46	-20.93 -0.77 32.33	-21.34 -0.91 34.70	-21.60 -0.91 36.81	-21.25 -0.83 34.94	-23.64 -0.83 38.53	-23.66 -0.99 41.06	-23.29 -1.04 42.21	-23.81 -1.06 41.70	-23.96 -1.22 44.59	-23.98 -1.18 45.33	-23.61 -0.93 41.08	-22.91 -0.71 35.37

NEG NORTH___ALICE_FALLS 23915	6.75 -0.08 0.00	6.37 -0.03 0.00	5.90 0.00 0.00	6.88 0.03 0.00	6.89 -0.02 0.00	10.90 0.02 0.00	13.99 0.06 0.00	17.41 -0.03 0.00	15.59 -0.09 0.00	15.08 -0.22 0.00	8.14 -0.62 5.59	-18.26 -0.73 31.87	-20.86 -0.64 32.40	-20.96 -0.76 34.46	-21.15 -0.79 36.48	-20.96 -0.70 34.79	-21.60 -0.71 36.60	-21.53 -0.79 39.12	-21.40 -0.84 40.52	-21.53 -0.86 39.61	-21.54 -1.00 42.39	-21.58 -0.99 43.12	-21.51 -0.77 39.14	-21.39 -0.60 33.95
NEG NORTH___LWR_SARANAC 23913	6.75 -0.08 0.00	6.37 -0.03 0.00	5.90 0.00 0.00	6.88 0.03 0.00	6.89 -0.02 0.00	10.90 0.02 0.00	13.99 0.06 0.00	17.41 -0.03 0.00	15.59 -0.09 0.00	15.08 -0.22 0.00	8.14 -0.62 5.59	-18.26 -0.73 31.87	-20.86 -0.64 32.40	-20.96 -0.76 34.46	-21.15 -0.79 36.48	-20.96 -0.70 34.79	-21.60 -0.71 36.60	-21.53 -0.79 39.12	-21.40 -0.84 40.52	-21.53 -0.86 39.61	-21.54 -1.00 42.39	-21.58 -0.99 43.12	-21.51 -0.77 39.14	-21.39 -0.60 33.95
NEG NORTH___PLATTSBURG 23628	6.75 -0.08 0.00	6.37 -0.03 0.00	5.90 0.00 0.00	6.89 0.03 0.00	6.89 -0.02 0.00	10.91 0.02 0.00	13.99 0.06 0.00	17.41 -0.03 0.00	15.59 -0.09 0.00	15.08 -0.22 0.00	8.14 -0.62 5.59	-18.26 -0.73 31.87	-20.87 -0.64 32.40	-20.96 -0.77 34.46	-21.15 -0.79 36.48	-20.96 -0.70 34.79	-21.61 -0.72 36.60	-21.53 -0.80 39.12	-21.41 -0.84 40.52	-21.53 -0.86 39.61	-21.55 -1.00 42.39	-21.58 -0.98 43.12	-21.52 -0.78 39.14	-21.39 -0.60 33.95
NEG WEST_LEA_LOCKPORT 23791	6.63 -0.44 -0.24	6.02 -0.37 0.00	5.58 -0.32 0.00	6.45 -0.41 0.00	6.50 -0.41 0.00	10.34 -0.55 0.00	13.36 -0.57 0.00	16.87 -0.57 0.00	15.38 -0.31 0.00	14.97 -0.33 0.00	14.02 -0.32 0.00	13.86 -0.47 0.00	11.88 -0.46 -0.17	13.73 -0.54 0.00	15.26 -0.86 0.00	13.80 -0.73 0.00	14.90 -0.98 -0.17	11.02 -1.13 6.24	12.53 -1.23 6.20	14.34 -1.03 3.57	11.29 -1.11 9.44	12.04 -1.18 9.31	9.69 -0.91 7.80	9.34 -0.46 3.36
NEG WEST___LANCASTR 23811	7.02 -0.19 -0.38	6.27 -0.12 0.00	5.81 -0.09 0.00	6.72 -0.14 0.00	6.77 -0.14 0.00	10.77 -0.12 0.00	13.93 0.00 0.00	17.63 0.19 0.00	16.07 0.39 0.00	15.66 0.35 -0.01	14.65 0.30 0.00	14.53 0.19 0.00	12.44 0.07 -0.19	14.40 0.13 0.00	16.04 -0.08 -0.01	14.52 -0.01 0.00	15.67 -0.24 -0.20	12.21 -0.18 6.00	13.79 -0.18 5.99	15.38 -0.11 3.44	12.65 -0.08 9.10	13.37 -0.15 9.00	10.58 -0.16 7.65	9.93 0.03 3.26
NEG_PENN_ALLEGHNY 23528	8.25 0.09 -1.33	6.47 0.07 0.00	5.98 0.08 0.00	6.94 0.09 0.00	7.00 0.09 0.00	11.06 0.17 0.00	14.25 0.32 0.00	17.87 0.44 0.00	16.07 0.39 0.00	15.67 0.37 0.00	14.67 0.33 0.00	14.64 0.31 0.00	12.74 0.23 -0.33	14.55 0.29 0.00	16.38 0.26 0.00	14.82 0.29 0.00	16.25 0.20 -0.34	15.87 0.30 2.82	20.31 0.35 0.00	19.36 0.32 -0.10	22.36 0.35 -0.16	22.84 0.31 0.00	18.64 0.23 -0.02	14.21 0.21 -0.84
NEG___GEN_MONROE 24207	6.64 -0.23 -0.04	6.20 -0.19 0.00	5.73 -0.17 0.00	6.63 -0.23 0.00	6.69 -0.22 0.00	10.66 -0.23 0.00	13.87 -0.07 0.00	17.46 0.03 0.00	15.77 0.09 0.00	15.32 0.02 0.00	14.34 0.00 0.00	14.24 -0.09 0.00	12.19 -0.12 -0.14	14.11 -0.15 0.00	15.78 -0.34 0.00	14.24 -0.28 0.00	15.44 -0.41 -0.14	18.05 -0.44 -0.10	19.56 -0.40 0.00	18.71 -0.28 -0.04	21.66 -0.25 -0.07	22.15 -0.37 0.00	18.00 -0.40 0.00	13.31 -0.20 -0.36
NEPA___ENERGY 23901	7.52 -0.11 -0.80	6.30 -0.09 0.00	5.85 -0.05 0.00	6.78 -0.08 0.00	6.82 -0.08 0.00	10.81 -0.07 0.00	13.98 0.05 0.00	17.67 0.23 0.00	16.05 0.37 0.00	15.65 0.35 0.00	14.62 0.28 0.00	14.56 0.22 0.00	12.52 0.12 -0.23	14.45 0.18 0.00	16.15 0.04 0.00	14.65 0.12 0.00	15.83 -0.11 -0.23	16.08 -0.06 2.25	17.49 -0.12 2.35	17.50 -0.14 1.30	18.18 -0.16 3.50	18.83 -0.17 3.53	15.29 -0.12 2.99	12.34 0.06 0.88
NEVERSINK___HYD 23608	10.41 0.47 -3.12	6.80 0.41 0.00	6.31 0.41 0.00	7.32 0.46 0.00	7.35 0.44 0.00	11.54 0.65 0.00	14.85 0.91 0.00	18.58 1.14 0.00	16.66 0.97 0.00	16.29 0.98 0.00	15.35 1.00 0.00	15.34 1.01 0.00	13.68 0.62 -0.89	15.00 0.73 0.00	16.95 0.83 0.00	15.29 0.77 0.00	17.44 0.82 -0.90	20.16 1.16 -0.61	21.66 1.70 0.00	20.80 1.57 -0.28	24.04 1.77 -0.43	24.31 1.78 0.00	19.80 1.40 0.00	16.40 0.99 -2.25
NEWKRMKL_115KV_TB1 55635	11.45 0.17 -4.45	6.54 0.14 0.00	6.03 0.13 0.00	7.03 0.17 0.00	7.06 0.15 0.00	11.11 0.22 0.00	14.14 0.21 0.00	17.63 0.20 0.00	15.80 0.12 0.00	15.45 0.15 0.00	14.57 0.22 0.00	14.61 0.28 0.00	13.72 0.27 -1.28	14.54 0.27 0.00	16.45 0.33 0.00	14.82 0.29 0.00	17.34 0.34 -1.29	19.65 0.38 -0.88	20.36 0.40 0.00	19.79 0.44 -0.40	22.95 0.50 -0.61	23.02 0.49 0.00	18.81 0.41 0.00	16.73 0.34 -3.23
NEWTON___FALLS_HYD 23847	6.76 -0.18 -0.12	6.24 -0.15 0.00	5.78 -0.13 0.00	6.73 -0.13 0.00	6.78 -0.13 0.00	10.66 -0.23 0.00	13.59 -0.35 0.00	16.96 -0.47 0.00	15.18 -0.50 0.00	14.75 -0.56 0.00	14.27 -0.76 -0.68	6.61 -0.96 6.77	-2.04 -0.88 13.33	2.08 -1.02 11.16	3.97 -1.07 11.07	1.45 -0.97 12.12	19.17 -1.04 -4.49	20.91 -1.14 -3.67	19.39 -1.15 -0.58	22.79 -0.99 -4.84	25.65 -1.08 -4.88	26.12 -1.03 -4.63	21.23 -0.77 -3.60	13.14 -0.58 -0.56
NGRID_A1_DSASP 323792	6.57 -0.54 -0.28	5.93 -0.46 0.00	5.49 -0.41 0.00	6.34 -0.52 0.00	6.39 -0.52 0.00	10.17 -0.72 0.00	13.16 -0.78 0.00	16.59 -0.84 0.00	15.15 -0.53 0.00	14.76 -0.55 0.00	13.83 -0.51 0.00	13.68 -0.65 0.00	11.75 -0.60 -0.17	13.56 -0.70 0.00	15.07 -1.05 0.00	13.65 -0.88 0.00	14.72 -1.16 -0.17	13.41 -1.29 3.69	12.49 -1.43 6.04	14.20 -1.26 3.48	11.40 -1.25 9.20	12.07 -1.38 9.08	9.68 -1.16 7.56	9.21 -0.65 3.31
NGRID_A2_DSASP 323793	6.57 -0.54 -0.28	5.93 -0.46 0.00	5.49 -0.41 0.00	6.34 -0.52 0.00	6.39 -0.52 0.00	10.17 -0.72 0.00	13.16 -0.78 0.00	16.59 -0.84 0.00	15.15 -0.53 0.00	14.76 -0.55 0.00	13.83 -0.51 0.00	13.68 -0.65 0.00	11.75 -0.60 -0.17	13.56 -0.70 0.00	15.07 -1.05 0.00	13.65 -0.88 0.00	14.72 -1.16 -0.17	13.41 -1.29 3.69	12.49 -1.43 6.04	14.20 -1.26 3.48	11.40 -1.25 9.20	12.07 -1.38 9.08	9.68 -1.16 7.56	9.21 -0.65 3.31
NGRID_A4_DSASP 323807	6.57 -0.54 -0.28	5.93 -0.46 0.00	5.50 -0.41 0.00	6.34 -0.52 0.00	6.39 -0.52 0.00	10.17 -0.72 0.00	13.16 -0.78 0.00	16.60 -0.84 0.00	15.15 -0.53 0.00	14.76 -0.55 0.00	13.83 -0.51 0.00	13.68 -0.66 0.00	11.73 -0.61 -0.17	13.55 -0.71 0.00	15.05 -1.07 0.00	13.62 -0.91 0.00	14.71 -1.18 -0.17	10.98 -1.34 6.07	12.46 -1.46 6.04	14.17 -1.29 3.48	11.35 -1.30 9.20	12.05 -1.40 9.08	9.64 -1.19 7.56	9.20 -0.65 3.31
NIAGARA_115E_LBMP 323715	6.55 -0.54 -0.26	5.92 -0.48 0.00	5.48 -0.42 0.00	6.33 -0.53 0.00	6.37 -0.53 0.00	10.13 -0.76 0.00	13.11 -0.82 0.00	16.55 -0.89 0.00	15.09 -0.59 0.00	14.70 -0.60 0.00	13.77 -0.57 0.00	13.61 -0.72 0.00	11.69 -0.66 -0.17	13.49 -0.77 0.00	15.01 -1.11 0.00	13.58 -0.95 0.00	14.66 -1.23 -0.17	13.28 -1.42 3.69	12.39 -1.56 6.01	14.14 -1.35 3.46	11.20 -1.49 9.15	11.94 -1.56 9.03	9.77 -1.11 7.52	9.29 -0.61 3.26

NIAGARA_115W_LBMP 323714	6.55 -0.55 -0.28	5.92 -0.47 0.00	5.49 -0.42 0.00	6.33 -0.53 0.00	6.38 -0.53 0.00	10.15 -0.74 0.00	13.13 -0.80 0.00	16.56 -0.88 0.00	15.12 -0.56 0.00	14.72 -0.58 0.00	13.80 -0.54 0.00	13.65 -0.68 0.00	11.72 -0.62 -0.17	13.54 -0.73 0.00	15.04 -1.08 0.00	13.62 -0.91 0.00	14.69 -1.19 -0.17	13.38 -1.32 3.69	12.45 -1.46 6.04	14.17 -1.30 3.48	11.37 -1.28 9.20	12.04 -1.41 9.07	9.69 -1.19 7.52	9.21 -0.66 3.29
NIAGARA_230_LBMP 323716	6.61 -0.48 -0.27	5.98 -0.41 0.00	5.54 -0.36 0.00	6.40 -0.46 0.00	6.45 -0.46 0.00	10.24 -0.64 0.00	13.26 -0.68 0.00	16.72 -0.71 0.01	15.26 -0.42 0.00	14.84 -0.45 0.01	13.91 -0.43 0.00	13.78 -0.55 0.00	11.82 -0.52 -0.17	13.66 -0.61 0.00	15.19 -0.91 0.02	13.75 -0.77 0.00	14.84 -1.03 -0.16	13.52 -1.17 3.70	12.63 -1.30 6.02	14.36 -1.13 3.46	11.47 -1.21 9.16	12.17 -1.33 9.02	9.84 -1.10 7.47	9.47 -0.61 3.08
NIAGARA__115KV_198_GIBSON 55903	6.55 -0.55 -0.28	5.92 -0.47 0.00	5.48 -0.42 0.00	6.33 -0.53 0.00	6.38 -0.53 0.00	10.15 -0.74 0.00	13.13 -0.80 0.00	16.56 -0.88 0.00	15.12 -0.56 0.00	14.72 -0.58 0.00	13.80 -0.54 0.00	13.65 -0.68 0.00	11.71 -0.63 -0.17	13.52 -0.74 0.00	15.02 -1.10 0.00	13.60 -0.93 0.00	14.68 -1.20 -0.17	10.95 -1.37 6.07	12.42 -1.50 6.04	14.14 -1.33 3.48	11.33 -1.33 9.19	12.02 -1.44 9.07	9.66 -1.21 7.52	9.21 -0.66 3.29
NIAGARA____ 23760	6.58 -0.52 -0.27	5.95 -0.44 0.00	5.51 -0.39 0.00	6.37 -0.49 0.00	6.41 -0.49 0.00	10.19 -0.69 0.00	13.19 -0.74 0.00	16.64 -0.79 0.00	15.19 -0.49 0.00	14.78 -0.51 0.01	13.86 -0.48 0.00	13.71 -0.62 0.00	11.77 -0.58 -0.17	13.59 -0.67 0.00	15.11 -1.00 0.01	13.68 -0.85 0.00	14.76 -1.12 -0.17	13.42 -1.27 3.70	12.53 -1.41 6.02	14.26 -1.22 3.46	11.38 -1.31 9.16	12.09 -1.41 9.03	9.80 -1.11 7.48	9.41 -0.61 3.13
NINE_MILE_1 23575	6.87 -0.26 -0.30	6.15 -0.24 0.00	5.68 -0.22 0.00	6.60 -0.26 0.00	6.65 -0.26 0.00	10.50 -0.39 0.00	13.52 -0.42 0.00	16.93 -0.51 0.00	15.21 -0.46 0.00	14.83 -0.47 0.00	13.90 -0.45 0.00	13.86 -0.47 0.00	11.84 -0.42 -0.09	13.78 -0.49 0.00	15.52 -0.60 0.00	14.01 -0.52 0.00	15.20 -0.60 -0.09	17.77 -0.68 -0.06	19.24 -0.72 0.00	18.32 -0.65 -0.03	21.15 -0.74 -0.04	21.72 -0.81 0.00	17.70 -0.70 0.00	12.90 -0.48 -0.22
NINE_MILE_2 23744	6.87 -0.26 -0.30	6.15 -0.24 0.00	5.68 -0.22 0.00	6.60 -0.26 0.00	6.65 -0.26 0.00	10.50 -0.39 0.00	13.52 -0.42 0.00	16.93 -0.51 0.00	15.22 -0.46 0.00	14.83 -0.47 0.00	13.90 -0.45 0.00	13.86 -0.47 0.00	11.84 -0.42 -0.09	13.78 -0.49 0.00	15.52 -0.60 0.00	14.01 -0.52 0.00	15.20 -0.60 -0.09	17.77 -0.68 -0.06	19.24 -0.72 0.00	18.32 -0.65 -0.03	21.15 -0.74 -0.04	21.72 -0.81 0.00	17.70 -0.70 0.00	12.90 -0.48 -0.22
NM_CAPITAL____DRP 24208	11.44 0.18 -4.43	6.55 0.16 0.00	6.04 0.13 0.00	7.04 0.18 0.00	7.07 0.16 0.00	11.13 0.24 0.00	14.16 0.23 0.00	17.66 0.23 0.00	15.83 0.14 0.00	15.48 0.18 0.00	14.59 0.25 0.00	14.64 0.31 0.00	13.74 0.30 -1.27	14.56 0.30 0.00	16.48 0.36 0.00	14.83 0.31 0.00	17.36 0.36 -1.29	19.67 0.40 -0.88	20.38 0.42 0.00	19.81 0.47 -0.40	22.99 0.54 -0.61	23.06 0.53 0.00	18.85 0.45 0.00	16.74 0.36 -3.22
NM_CENTRAL____DRP 24181	7.08 -0.12 -0.38	6.27 -0.12 0.00	5.80 -0.10 0.00	6.73 -0.13 0.00	6.79 -0.12 0.00	10.73 -0.15 0.00	13.83 -0.10 0.00	17.32 -0.11 0.00	15.57 -0.11 0.00	15.17 -0.13 0.00	14.22 -0.12 0.00	14.18 -0.15 0.00	12.14 -0.15 -0.11	14.10 -0.16 0.00	15.88 -0.24 0.00	14.34 -0.19 0.00	15.56 -0.26 -0.11	18.18 -0.28 -0.07	19.68 -0.27 0.00	18.75 -0.23 -0.03	21.64 -0.26 -0.05	22.20 -0.33 0.00	18.07 -0.32 0.00	13.22 -0.21 -0.27
NM_FRONTIER____DRP 24179	6.55 -0.55 -0.28	5.92 -0.47 0.00	5.48 -0.42 0.00	6.33 -0.53 0.00	6.38 -0.53 0.00	10.15 -0.74 0.00	13.13 -0.80 0.00	16.56 -0.88 0.00	15.12 -0.56 0.00	14.72 -0.58 0.00	13.80 -0.54 0.00	13.65 -0.68 0.00	11.71 -0.63 -0.17	13.52 -0.74 0.00	15.02 -1.10 0.00	13.60 -0.93 0.00	14.68 -1.20 -0.17	10.95 -1.37 6.07	12.42 -1.50 6.04	14.14 -1.33 3.48	11.33 -1.33 9.19	12.02 -1.44 9.07	9.66 -1.21 7.52	9.21 -0.66 3.29
NM_ST_REGIS____HYD 24053	6.58 -0.24 0.00	6.19 -0.20 0.00	5.73 -0.17 0.00	6.68 -0.18 0.00	6.71 -0.20 0.00	10.56 -0.33 0.00	13.44 -0.50 0.00	16.81 -0.63 0.00	15.12 -0.56 0.00	14.70 -0.61 0.00	15.14 -0.79 -1.59	4.37 -0.90 9.06	-8.86 -0.79 20.24	-2.98 -0.90 16.34	-0.82 -0.90 16.04	-4.24 -0.83 17.94	25.28 -0.83 -10.39	26.61 -0.97 -9.20	23.04 -1.02 -4.10	29.21 -0.98 -11.25	32.26 -1.11 -11.52	32.63 -1.07 -11.17	26.77 -0.76 -9.12	15.97 -0.59 -3.40
NORTHPORT____1 23551	11.17 0.66 -3.68	6.97 0.58 0.00	6.43 0.53 0.00	7.46 0.60 0.00	7.51 0.59 0.00	11.77 0.88 0.00	15.12 1.19 0.00	18.85 1.41 0.00	16.83 1.15 0.00	16.49 1.19 0.00	15.52 1.18 0.00	15.46 1.13 0.00	14.35 1.12 -1.06	15.61 1.35 0.00	17.75 1.64 0.00	23.48 1.53 -7.42	27.05 1.57 -9.77	27.26 1.87 -7.01	21.80 1.84 0.00	20.71 1.44 -0.34	23.99 1.63 -0.51	24.25 1.72 0.00	19.90 1.50 0.00	17.02 1.18 -2.68
NORTHPORT____2 23552	11.17 0.66 -3.68	6.97 0.58 0.00	6.43 0.53 0.00	7.46 0.60 0.00	7.51 0.59 0.00	11.77 0.88 0.00	15.12 1.19 0.00	18.85 1.41 0.00	16.83 1.15 0.00	16.49 1.19 0.00	15.52 1.18 0.00	15.46 1.13 0.00	14.35 1.12 -1.06	15.61 1.35 0.00	17.75 1.64 0.00	23.48 1.53 -7.42	27.05 1.57 -9.77	27.26 1.87 -7.01	21.80 1.84 0.00	20.71 1.44 -0.34	23.99 1.63 -0.51	24.25 1.72 0.00	19.90 1.50 0.00	17.02 1.18 -2.68
NORTHPORT____3 23553	11.14 0.63 -3.68	6.94 0.55 0.00	6.41 0.51 0.00	7.43 0.57 0.00	7.47 0.56 0.00	11.73 0.84 0.00	15.07 1.14 0.00	18.79 1.35 0.00	16.79 1.11 0.00	16.44 1.14 0.00	15.49 1.15 0.00	15.44 1.11 0.00	14.32 1.09 -1.06	15.58 1.31 0.00	17.71 1.60 0.00	23.44 1.49 -7.42	27.03 1.55 -9.77	27.26 1.87 -7.01	21.81 1.85 0.00	20.75 1.48 -0.34	24.01 1.66 -0.51	24.26 1.73 0.00	19.87 1.47 0.00	16.98 1.14 -2.68
NORTHPORT____4 23650	11.14 0.63 -3.68	6.94 0.55 0.00	6.41 0.51 0.00	7.43 0.57 0.00	7.47 0.56 0.00	11.73 0.84 0.00	15.07 1.14 0.00	18.79 1.35 0.00	16.79 1.11 0.00	16.44 1.14 0.00	15.49 1.15 0.00	15.44 1.11 0.00	14.32 1.09 -1.06	15.58 1.31 0.00	17.71 1.60 0.00	23.44 1.49 -7.42	27.03 1.55 -9.77	27.26 1.87 -7.01	21.81 1.85 0.00	20.75 1.48 -0.34	24.01 1.66 -0.51	24.26 1.73 0.00	19.87 1.47 0.00	16.98 1.14 -2.68
NORTHPORT____IC 23718	11.17 0.66 -3.68	6.97 0.58 0.00	6.43 0.53 0.00	7.46 0.60 0.00	7.51 0.59 0.00	11.77 0.88 0.00	15.12 1.19 0.00	18.85 1.41 0.00	16.83 1.15 0.00	16.49 1.19 0.00	15.52 1.18 0.00	15.46 1.13 0.00	14.35 1.12 -1.06	15.61 1.35 0.00	17.75 1.64 0.00	23.48 1.53 -7.42	27.05 1.57 -9.77	27.26 1.87 -7.01	21.80 1.84 0.00	20.71 1.44 -0.34	23.99 1.63 -0.51	24.25 1.72 0.00	19.90 1.50 0.00	17.02 1.18 -2.68

NORTH__COUNTRY_ESR 323785	6.66 -0.17 0.00	6.29 -0.10 0.00	5.83 -0.07 0.00	6.80 -0.06 0.00	6.80 -0.11 0.00	10.75 -0.14 0.00	13.75 -0.19 0.00	17.12 -0.31 0.00	15.38 -0.30 0.00	14.89 -0.41 0.00	7.65 -0.80 5.89	-19.06 -0.92 32.47	-20.95 -0.79 32.33	-21.37 -0.93 34.71	-21.63 -0.93 36.82	-21.28 -0.86 34.95	-23.73 -0.86 38.58	-23.76 -1.04 41.11	-23.40 -1.10 42.25	-23.93 -1.12 41.75	-24.10 -1.29 44.65	-24.12 -1.26 45.39	-23.72 -0.99 41.13	-22.99 -0.75 35.40
NPX_GEN_1385_PROXY 323591	11.16 0.65 -3.68	6.87 0.48 0.00	6.40 0.50 0.00	7.43 0.57 0.00	7.51 0.60 0.00	11.58 0.70 0.00	14.98 1.04 0.00	18.66 1.22 0.00	16.56 0.88 0.00	16.21 0.91 0.00	15.09 0.74 0.00	14.95 0.62 0.00	13.97 0.74 -1.06	15.07 0.81 0.00	17.16 1.04 0.00	20.42 1.04 -4.85	20.05 1.00 -3.33	26.72 1.32 -7.01	21.34 1.39 0.00	20.06 0.79 -0.34	23.36 1.01 -0.51	23.85 1.33 0.00	19.51 1.11 0.00	16.71 0.87 -2.68
NPX_GEN_CSC 323557	11.17 0.66 -3.68	6.97 0.58 0.00	6.43 0.53 0.00	7.48 0.62 0.00	7.50 0.59 0.00	11.78 0.89 0.00	15.16 1.23 0.00	18.87 1.43 0.00	16.80 1.12 0.00	16.39 1.09 0.00	15.42 1.07 0.00	15.30 0.97 0.00	14.23 1.00 -1.06	15.50 1.23 0.00	17.65 1.53 0.00	23.39 1.44 -7.42	27.02 1.55 -9.77	27.33 1.93 -7.01	21.93 1.97 0.00	20.81 1.54 -0.34	24.10 1.74 -0.51	24.31 1.78 0.00	19.86 1.47 0.00	16.94 1.10 -2.68
NSINS_S_GLNS_FALLS 23858	11.62 0.18 -4.61	6.53 0.14 0.00	6.00 0.09 0.00	6.98 0.12 0.00	7.04 0.13 0.00	11.15 0.26 0.00	14.34 0.40 0.00	17.94 0.50 0.00	16.00 0.32 0.00	15.62 0.33 0.00	14.68 0.33 0.00	14.71 0.38 0.00	13.85 0.35 -1.32	14.63 0.37 0.00	16.54 0.42 0.00	14.93 0.40 0.00	17.60 0.55 -1.34	19.96 0.67 -0.91	20.72 0.76 0.00	20.14 0.78 -0.42	23.43 0.96 -0.63	23.47 0.94 0.00	19.13 0.73 0.00	17.00 0.49 -3.34
NUCOR_STEEL__DRP 24197	7.63 0.00 -0.80	6.36 -0.03 0.00	5.88 -0.02 0.00	6.86 0.00 0.00	6.89 -0.02 0.00	10.94 0.06 0.00	14.16 0.23 0.00	17.70 0.27 0.00	15.82 0.14 0.00	15.38 0.08 0.00	14.39 0.05 0.00	14.34 0.01 0.00	12.30 -0.02 -0.14	14.25 -0.02 0.00	16.04 -0.08 0.00	14.48 -0.05 0.00	15.75 -0.11 -0.14	18.42 -0.06 -0.10	19.95 -0.01 0.00	19.02 0.04 -0.05	21.96 0.05 -0.07	22.50 -0.03 0.00	18.31 -0.09 0.00	13.48 -0.03 -0.36
NUMBER_THREE_WT_PWR 323818	6.94 -0.04 -0.16	6.37 -0.03 0.00	5.90 -0.01 0.00	6.88 0.03 0.00	6.94 0.03 0.00	10.90 0.01 0.00	13.96 0.03 0.00	17.39 -0.05 0.00	15.50 -0.18 0.00	15.06 -0.24 0.00	14.10 -0.54 -0.30	10.93 -0.84 2.57	6.18 -0.83 5.17	8.97 -0.98 4.32	10.77 -1.07 4.27	8.88 -0.95 4.70	16.65 -1.06 -2.00	18.96 -1.10 -1.67	19.29 -1.08 -0.41	20.20 -0.86 -2.13	23.09 -0.92 -2.16	23.69 -0.88 -2.05	19.31 -0.71 -1.62	13.11 -0.50 -0.46
NYISO_LBMP_REFERENCE 24008	6.83 0.00 0.00	6.39 0.00 0.00	5.90 0.00 0.00	6.86 0.00 0.00	6.91 0.00 0.00	10.89 0.00 0.00	13.94 0.00 0.00	17.44 0.00 0.00	15.68 0.00 0.00	15.30 0.00 0.00	14.34 0.00 0.00	14.33 0.00 0.00	12.17 0.00 0.00	14.27 0.00 0.00	16.12 0.00 0.00	14.53 0.00 0.00	15.71 0.00 0.00	18.39 0.00 0.00	19.96 0.00 0.00	18.94 0.00 0.00	21.84 0.00 0.00	22.53 0.00 0.00	18.40 0.00 0.00	13.16 0.00 0.00
NYPA_BRENTWD__GT 24164	11.25 0.74 -3.68	7.04 0.65 0.00	6.49 0.59 0.00	7.53 0.67 0.00	7.58 0.67 0.00	11.90 1.01 0.00	15.30 1.36 0.00	19.07 1.64 0.00	17.03 1.35 0.00	16.66 1.36 0.00	15.69 1.34 0.00	15.62 1.28 0.00	14.48 1.25 -1.06	15.78 1.52 0.00	17.95 1.84 0.00	23.66 1.71 -7.42	27.27 1.79 -9.77	27.56 2.16 -7.01	22.16 2.21 0.00	21.07 1.79 -0.34	24.40 2.04 -0.51	24.64 2.12 0.00	20.17 1.77 0.00	17.18 1.35 -2.68
NYPA_GOWANUS__GT5 24156	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
NYPA_GOWANUS__GT6 24157	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.38 0.52 0.00	7.41 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.54 1.23 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.03 1.76 -0.34	24.29 1.94 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68
NYPA_HARLEM_RVR_GT1 24160	11.07 0.55 -3.68	6.89 0.50 0.00	6.34 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.64 0.75 0.00	14.97 1.04 0.00	18.69 1.26 0.00	16.81 1.13 0.00	16.47 1.17 0.00	15.57 1.23 0.00	15.65 1.32 0.00	14.39 1.16 -1.06	15.64 1.37 0.00	17.68 1.57 0.00	15.93 1.40 0.00	18.22 1.43 -1.07	20.88 1.76 -0.73	21.77 1.82 0.00	20.90 1.62 -0.34	24.17 1.81 -0.51	24.38 1.85 0.00	19.96 1.56 0.00	16.98 1.14 -2.68
NYPA_HARLEM_RVR_GT2 24161	11.07 0.55 -3.68	6.89 0.50 0.00	6.34 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.64 0.75 0.00	14.97 1.04 0.00	18.69 1.26 0.00	16.81 1.13 0.00	16.47 1.17 0.00	15.57 1.23 0.00	15.65 1.32 0.00	14.39 1.16 -1.06	15.64 1.37 0.00	17.68 1.57 0.00	15.93 1.40 0.00	18.22 1.43 -1.07	20.88 1.76 -0.73	21.77 1.82 0.00	20.90 1.62 -0.34	24.17 1.81 -0.51	24.38 1.85 0.00	19.96 1.56 0.00	16.98 1.14 -2.68
NYPA_KENT__GT 24152	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.37 0.51 0.00	7.41 0.50 0.00	11.68 0.79 0.00	15.01 1.07 0.00	18.76 1.32 0.00	16.86 1.18 0.00	16.53 1.22 0.00	15.63 1.29 0.00	15.72 1.39 0.00	14.46 1.23 -1.06	15.72 1.46 0.00	17.78 1.66 0.00	16.03 1.50 0.00	18.33 1.55 -1.07	21.00 1.88 -0.73	21.87 1.92 0.00	21.00 1.73 -0.34	24.26 1.91 -0.51	24.46 1.94 0.00	20.02 1.62 0.00	17.03 1.19 -2.68
NYPA_POUCH1__GT 24155	11.07 0.56 -3.68	6.90 0.51 0.00	6.34 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.68 0.80 0.00	14.99 1.06 0.00	18.71 1.27 0.00	16.80 1.12 0.00	16.44 1.14 0.00	15.54 1.19 0.00	15.61 1.28 0.00	14.39 1.16 -1.06	15.64 1.38 0.00	17.70 1.58 0.00	15.96 1.43 0.00	18.25 1.46 -1.07	20.92 1.80 -0.73	21.83 1.87 0.00	20.97 1.69 -0.34	24.23 1.88 -0.51	24.45 1.93 0.00	20.01 1.61 0.00	17.00 1.17 -2.68
NYPA_VERNON__GT2 24162	11.08 0.57 -3.68	6.90 0.51 0.00	6.36 0.45 0.00	7.37 0.51 0.00	7.41 0.50 0.00	11.67 0.79 0.00	15.00 1.06 0.00	18.75 1.31 0.00	16.85 1.17 0.00	16.52 1.22 0.00	15.63 1.28 0.00	15.71 1.38 0.00	14.45 1.22 -1.06	15.71 1.45 0.00	17.77 1.65 0.00	16.02 1.49 0.00	18.31 1.53 -1.07	20.98 1.86 -0.73	21.85 1.89 0.00	20.98 1.70 -0.34	24.22 1.87 -0.51	24.43 1.90 0.00	19.98 1.59 0.00	17.02 1.18 -2.68

NYPA_VERNON____GT3 24163	11.08 0.57 -3.68	6.90 0.51 0.00	6.36 0.45 0.00	7.37 0.51 0.00	7.41 0.50 0.00	11.67 0.79 0.00	15.00 1.06 0.00	18.75 1.31 0.00	16.85 1.17 0.00	16.52 1.22 0.00	15.63 1.28 0.00	15.71 1.38 0.00	14.45 1.22 -1.06	15.71 1.45 0.00	17.77 1.65 0.00	16.02 1.49 0.00	18.31 1.53 -1.07	20.98 1.86 -0.73	21.85 1.89 0.00	20.98 1.70 -0.34	24.22 1.87 -0.51	24.43 1.90 0.00	19.98 1.59 0.00	17.02 1.18 -2.68
NYPA____ASTORIA_CC1 323568	11.07 0.56 -3.68	6.90 0.50 0.00	6.35 0.45 0.00	7.36 0.50 0.00	7.41 0.50 0.00	11.65 0.77 0.00	14.97 1.04 0.00	18.71 1.28 0.00	16.81 1.14 0.00	16.49 1.19 0.00	15.60 1.26 0.00	15.68 1.35 0.00	14.43 1.19 -1.06	15.68 1.42 0.00	17.73 1.62 0.00	15.99 1.46 0.00	18.28 1.50 -1.07	20.93 1.81 -0.73	21.80 1.84 0.00	20.94 1.66 -0.34	24.17 1.82 -0.51	24.38 1.85 0.00	19.95 1.55 0.00	17.00 1.16 -2.68
NYPA____ASTORIA_CC2 323569	11.07 0.56 -3.68	6.90 0.50 0.00	6.35 0.45 0.00	7.36 0.50 0.00	7.41 0.50 0.00	11.65 0.77 0.00	14.97 1.04 0.00	18.71 1.28 0.00	16.81 1.14 0.00	16.49 1.19 0.00	15.60 1.26 0.00	15.68 1.35 0.00	14.43 1.19 -1.06	15.68 1.42 0.00	17.73 1.62 0.00	15.99 1.46 0.00	18.28 1.50 -1.07	20.93 1.81 -0.73	21.80 1.84 0.00	20.94 1.66 -0.34	24.17 1.82 -0.51	24.38 1.85 0.00	19.95 1.55 0.00	17.00 1.16 -2.68
NYPA____HOLTSVILL 23794	11.23 0.72 -3.68	7.03 0.63 0.00	6.48 0.57 0.00	7.52 0.66 0.00	7.56 0.65 0.00	11.88 0.99 0.00	15.27 1.34 0.00	19.01 1.58 0.00	16.95 1.27 0.00	16.57 1.26 0.00	15.59 1.24 0.00	15.50 1.16 0.00	14.40 1.17 -1.06	15.70 1.43 0.00	17.86 1.74 0.00	23.58 1.63 -7.42	27.20 1.72 -9.77	27.49 2.10 -7.01	22.09 2.13 0.00	20.98 1.70 -0.34	24.29 1.93 -0.51	24.52 2.00 0.00	20.06 1.66 0.00	17.10 1.26 -2.68
NYPA____HELLGATE_GT1 24158	11.07 0.55 -3.68	6.89 0.50 0.00	6.34 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.64 0.75 0.00	14.97 1.04 0.00	18.69 1.26 0.00	16.81 1.13 0.00	16.47 1.17 0.00	15.57 1.23 0.00	15.65 1.32 0.00	14.39 1.16 -1.06	15.64 1.37 0.00	17.68 1.57 0.00	15.93 1.40 0.00	18.22 1.43 -1.07	20.88 1.76 -0.73	21.77 1.82 0.00	20.90 1.62 -0.34	24.17 1.81 -0.51	24.38 1.85 0.00	19.96 1.56 0.00	16.98 1.14 -2.68
NYPA____HELLGATE_GT2 24159	11.07 0.55 -3.68	6.89 0.50 0.00	6.34 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.64 0.75 0.00	14.97 1.04 0.00	18.69 1.26 0.00	16.81 1.13 0.00	16.47 1.17 0.00	15.57 1.23 0.00	15.65 1.32 0.00	14.39 1.16 -1.06	15.64 1.37 0.00	17.68 1.57 0.00	15.93 1.40 0.00	18.22 1.43 -1.07	20.88 1.76 -0.73	21.77 1.82 0.00	20.90 1.62 -0.34	24.17 1.81 -0.51	24.38 1.85 0.00	19.96 1.56 0.00	16.98 1.14 -2.68
NYS_BARGE____HYD 23848	6.62 -0.44 -0.23	6.02 -0.37 0.00	5.57 -0.33 0.00	6.44 -0.42 0.00	6.49 -0.42 0.00	10.32 -0.56 0.00	13.36 -0.58 0.00	16.85 -0.59 0.00	15.36 -0.32 0.00	14.95 -0.36 0.00	14.00 -0.35 0.00	13.85 -0.49 0.00	11.88 -0.47 -0.17	13.72 -0.55 0.00	15.25 -0.86 0.00	13.80 -0.72 0.00	14.89 -0.99 -0.17	13.69 -1.11 3.59	12.94 -1.22 5.79	14.59 -1.02 3.33	11.94 -1.09 8.81	12.68 -1.15 8.70	10.27 -0.85 7.28	9.59 -0.45 3.12
OAK ORCHARD____HYD 24046	6.61 -0.25 -0.03	6.18 -0.21 0.00	5.71 -0.20 0.00	6.61 -0.25 0.00	6.67 -0.25 0.00	10.61 -0.27 0.00	13.75 -0.18 0.00	17.30 -0.14 0.00	15.63 -0.05 0.00	15.22 -0.08 0.00	14.25 -0.10 0.00	14.16 -0.18 0.00	12.13 -0.18 -0.14	14.06 -0.21 0.00	15.74 -0.38 0.00	14.22 -0.31 0.00	15.40 -0.46 -0.14	19.35 -0.48 -1.45	19.44 -0.51 0.00	18.59 -0.39 -0.04	21.52 -0.40 -0.07	22.02 -0.51 0.00	17.89 -0.51 0.00	13.24 -0.28 -0.36
OAKDALE__35_KV_LOAD 356122	8.23 0.08 -1.33	6.45 0.06 0.00	5.98 0.07 0.00	6.94 0.08 0.00	6.99 0.08 0.00	11.04 0.15 0.00	14.21 0.28 0.00	17.82 0.38 0.00	16.03 0.35 0.00	15.64 0.33 0.00	14.64 0.29 0.00	14.61 0.28 0.00	12.71 0.21 -0.33	14.53 0.27 0.00	16.35 0.23 0.00	14.80 0.27 0.00	16.22 0.18 -0.33	18.89 0.27 -0.24	20.27 0.30 -0.01	19.32 0.27 -0.11	22.32 0.30 -0.17	22.80 0.26 -0.01	18.61 0.20 -0.02	14.18 0.19 -0.83
OCC_CHEM____DRP 24175	6.57 -0.54 -0.28	5.93 -0.46 0.00	5.50 -0.41 0.00	6.34 -0.52 0.00	6.39 -0.52 0.00	10.17 -0.72 0.00	13.16 -0.78 0.00	16.60 -0.84 0.00	15.15 -0.53 0.00	14.76 -0.55 0.00	13.83 -0.51 0.00	13.68 -0.66 0.00	11.73 -0.61 -0.17	13.55 -0.71 0.00	15.05 -1.07 0.00	13.62 -0.91 0.00	14.71 -1.18 -0.17	10.98 -1.34 6.07	12.46 -1.46 6.04	14.17 -1.29 3.48	11.35 -1.30 9.20	12.05 -1.40 9.08	9.64 -1.19 7.56	9.20 -0.65 3.31
OH_GEN_PROXY 24063	6.66 -0.45 -0.29	6.01 -0.38 0.00	5.56 -0.34 0.00	6.43 -0.43 0.00	6.48 -0.43 0.00	10.30 -0.58 0.00	13.33 -0.60 0.00	16.82 -0.61 0.00	15.34 -0.34 0.00	14.94 -0.36 0.00	13.99 -0.35 0.00	13.86 -0.48 0.00	11.89 -0.45 -0.17	13.74 -0.53 0.00	15.30 -0.81 0.00	13.85 -0.68 0.00	14.95 -0.93 -0.17	14.83 -1.06 2.51	13.78 -1.18 5.00	15.06 -1.02 2.87	13.15 -1.10 7.60	13.81 -1.21 7.50	11.02 -1.01 6.37	10.02 -0.55 2.59
OLIN_CORP_DRP 24177	6.56 -0.54 -0.27	5.92 -0.47 0.00	5.49 -0.41 0.00	6.34 -0.52 0.00	6.38 -0.52 0.00	10.16 -0.73 0.00	13.14 -0.80 0.00	16.59 -0.85 0.00	15.12 -0.56 0.00	14.73 -0.57 0.00	13.81 -0.54 0.00	13.64 -0.70 0.00	11.70 -0.64 -0.17	13.51 -0.75 0.00	15.03 -1.09 0.00	13.59 -0.94 0.00	14.68 -1.21 -0.17	10.88 -1.41 6.10	12.34 -1.54 6.08	14.11 -1.33 3.50	11.13 -1.47 9.25	11.86 -1.54 9.13	9.62 -1.13 7.65	9.22 -0.61 3.33
OLIN_CORP_DSASP 323712	6.57 -0.54 -0.28	5.93 -0.46 0.00	5.49 -0.41 0.00	6.34 -0.52 0.00	6.39 -0.52 0.00	10.17 -0.72 0.00	13.16 -0.78 0.00	16.59 -0.84 0.00	15.15 -0.53 0.00	14.76 -0.55 0.00	13.83 -0.51 0.00	13.68 -0.65 0.00	11.75 -0.60 -0.17	13.56 -0.70 0.00	15.07 -1.05 0.00	13.65 -0.88 0.00	14.72 -1.16 -0.17	13.41 -1.29 3.69	12.49 -1.43 6.04	14.20 -1.26 3.48	11.40 -1.25 9.20	12.07 -1.38 9.08	9.68 -1.16 7.56	9.21 -0.65 3.31
ONEIDA_HERK_LFGE 323681	7.01 0.04 -0.14	6.44 0.05 0.00	5.96 0.05 0.00	6.94 0.08 0.00	6.99 0.08 0.00	11.00 0.11 0.00	14.11 0.18 0.00	17.62 0.19 0.00	15.78 0.10 0.00	15.35 0.05 0.00	14.40 -0.08 -0.14	13.40 -0.22 0.71	10.33 -0.24 1.60	12.67 -0.29 1.31	14.52 -0.31 1.28	12.81 -0.28 1.44	16.34 -0.32 -0.95	18.94 -0.29 -0.84	20.12 -0.23 -0.39	19.81 -0.12 -0.99	22.77 -0.10 -1.02	23.41 -0.10 -0.98	19.10 -0.10 -0.80	13.50 -0.08 -0.43
ONEIDA__115KV_TB4 55905	7.16 0.09 -0.25	6.47 0.08 0.00	5.99 0.09 0.00	6.97 0.11 0.00	7.02 0.11 0.00	11.08 0.19 0.00	14.25 0.31 0.00	17.81 0.37 0.00	15.95 0.27 0.00	15.51 0.21 0.00	14.50 0.16 0.00	14.43 0.10 0.00	12.30 0.06 -0.07	14.34 0.07 0.00	16.19 0.07 0.00	14.60 0.07 0.00	15.84 0.05 -0.07	18.56 0.12 -0.05	20.16 0.20 0.00	19.26 0.30 -0.02	22.24 0.37 -0.03	22.85 0.32 0.00	18.61 0.21 0.00	13.48 0.14 -0.18

ONONDAGA_REF_OCCRA 23987	7.32 -0.07 -0.56	6.32 -0.07 0.00	5.84 -0.06 0.00	6.78 -0.08 0.00	6.84 -0.07 0.00	10.81 -0.08 0.00	13.93 0.00 0.00	17.45 0.02 0.00	15.68 0.00 0.00	15.27 -0.03 0.00	14.30 -0.04 0.00	14.26 -0.07 0.00	12.23 -0.08 -0.13	14.18 -0.08 0.00	15.98 -0.14 0.00	14.42 -0.11 0.00	15.67 -0.17 -0.13	18.32 -0.16 -0.09	19.83 -0.13 0.00	18.90 -0.09 -0.04	21.81 -0.09 -0.06	22.37 -0.16 0.00	18.21 -0.19 0.00	13.37 -0.12 -0.32
ONONDAGA___COGEN 23986	7.37 -0.08 -0.63	6.31 -0.08 0.00	5.83 -0.07 0.00	6.77 -0.09 0.00	6.83 -0.08 0.00	10.80 -0.09 0.00	13.92 -0.02 0.00	17.43 -0.01 0.00	15.63 -0.05 0.00	15.23 -0.07 0.00	14.27 -0.08 0.00	14.23 -0.10 0.00	12.19 -0.11 -0.12	14.15 -0.12 0.00	15.94 -0.18 0.00	14.38 -0.15 0.00	15.63 -0.21 -0.12	18.26 -0.21 -0.08	19.77 -0.19 0.00	18.83 -0.15 -0.04	21.74 -0.16 -0.06	22.29 -0.24 0.00	18.15 -0.25 0.00	13.31 -0.16 -0.31
ONTARIO___LFGE 23819	10.92 -0.03 -4.13	6.36 -0.03 0.00	5.90 0.00 0.00	6.86 0.00 0.00	6.92 0.01 0.00	10.95 0.06 0.00	14.28 0.35 0.00	17.94 0.50 0.00	16.01 0.33 0.00	15.53 0.23 0.00	14.50 0.16 0.00	14.43 0.10 0.00	12.37 0.03 -0.16	14.30 0.04 0.00	16.04 -0.07 0.00	14.52 -0.01 0.00	15.74 -0.14 -0.16	23.08 -0.10 -4.80	23.55 -0.02 -3.62	21.17 0.05 -2.18	27.50 0.02 -5.64	27.85 -0.11 -5.44	22.85 -0.18 -4.63	15.74 -0.05 -2.63
ORANGEVILLE_WT_PWR 323706	7.77 -0.21 -1.15	6.22 -0.17 0.00	5.77 -0.14 0.00	6.68 -0.18 0.00	6.75 -0.16 0.00	10.71 -0.17 0.00	13.80 -0.13 0.00	17.36 -0.07 0.00	15.83 0.15 0.00	15.45 0.14 0.00	14.44 0.09 0.00	14.30 -0.03 0.00	12.26 -0.11 -0.20	14.11 -0.15 0.00	15.73 -0.39 -0.01	14.22 -0.31 0.00	15.34 -0.58 -0.21	-4.78 -0.66 22.51	-4.94 -0.68 24.22	4.28 -0.57 14.09	-15.86 -0.61 37.10	-14.65 -0.80 36.38	-13.31 -0.77 30.94	-1.71 -0.49 14.38
ORANGEVILLE___ESR 323794	7.77 -0.21 -1.15	6.22 -0.17 0.00	5.77 -0.14 0.00	6.68 -0.18 0.00	6.75 -0.16 0.00	10.71 -0.17 0.00	13.80 -0.13 0.00	17.36 -0.07 0.00	15.83 0.15 0.00	15.45 0.14 0.00	14.44 0.09 0.00	14.30 -0.03 0.00	12.26 -0.11 -0.20	14.11 -0.15 0.00	15.73 -0.39 -0.01	14.22 -0.31 0.00	15.34 -0.58 -0.21	-4.78 -0.66 22.51	-4.94 -0.68 24.22	4.28 -0.57 14.09	-15.86 -0.61 37.10	-14.65 -0.80 36.38	-13.31 -0.77 30.94	-1.71 -0.49 14.38
OSWEGATCHIE___HYD 24044	6.76 -0.18 -0.12	6.24 -0.15 0.00	5.78 -0.13 0.00	6.73 -0.13 0.00	6.78 -0.13 0.00	10.65 -0.23 0.00	13.59 -0.34 0.00	16.96 -0.47 0.00	15.18 -0.50 0.00	14.75 -0.56 0.00	14.27 -0.76 -0.68	6.61 -0.96 6.77	-2.04 -0.89 13.33	2.08 -1.02 11.16	3.97 -1.08 11.07	1.45 -0.97 12.12	19.16 -1.04 -4.49	20.91 -1.14 -3.67	19.39 -1.15 -0.58	22.78 -0.99 -4.84	25.65 -1.08 -4.88	26.12 -1.03 -4.63	21.23 -0.77 -3.60	13.14 -0.58 -0.56
OSWEGO___5 23606	6.95 -0.22 -0.34	6.19 -0.20 0.00	5.72 -0.19 0.00	6.64 -0.22 0.00	6.69 -0.22 0.00	10.58 -0.31 0.00	13.61 -0.32 0.00	17.05 -0.39 0.00	15.32 -0.36 0.00	14.93 -0.37 0.00	13.99 -0.36 0.00	13.95 -0.39 0.00	11.93 -0.34 -0.10	13.87 -0.40 0.00	15.62 -0.50 0.00	14.10 -0.43 0.00	15.30 -0.51 -0.10	17.89 -0.57 -0.07	19.36 -0.60 0.00	18.44 -0.53 -0.03	21.29 -0.61 -0.05	21.85 -0.68 0.00	17.81 -0.59 0.00	13.01 -0.40 -0.25
OSWEGO___6 23613	6.95 -0.22 -0.34	6.19 -0.20 0.00	5.72 -0.19 0.00	6.64 -0.22 0.00	6.69 -0.22 0.00	10.58 -0.31 0.00	13.61 -0.32 0.00	17.05 -0.39 0.00	15.32 -0.36 0.00	14.93 -0.37 0.00	13.99 -0.36 0.00	13.95 -0.39 0.00	11.93 -0.34 -0.10	13.87 -0.40 0.00	15.62 -0.50 0.00	14.10 -0.43 0.00	15.30 -0.51 -0.10	17.89 -0.57 -0.07	19.36 -0.60 0.00	18.44 -0.53 -0.03	21.29 -0.61 -0.05	21.85 -0.68 0.00	17.81 -0.59 0.00	13.01 -0.40 -0.25
OUTOKUMPU-AB___DRP 24206	6.74 -0.38 -0.28	6.08 -0.31 0.00	5.64 -0.27 0.00	6.51 -0.34 0.00	6.56 -0.35 0.00	10.44 -0.44 0.00	13.52 -0.41 0.00	17.07 -0.37 0.00	15.56 -0.12 0.00	15.16 -0.15 0.00	14.19 -0.15 0.00	14.04 -0.29 0.00	12.04 -0.31 -0.17	13.91 -0.36 0.00	15.46 -0.66 0.00	13.98 -0.55 0.00	15.10 -0.79 -0.18	10.94 -0.89 6.55	12.47 -0.97 6.52	14.37 -0.81 3.76	11.11 -0.81 9.93	11.83 -0.91 9.79	9.41 -0.76 8.23	9.20 -0.36 3.60
OXBOW____ 24026	6.66 -0.45 -0.28	6.01 -0.38 0.00	5.57 -0.34 0.00	6.43 -0.43 0.00	6.48 -0.43 0.00	10.31 -0.58 0.00	13.35 -0.58 0.00	16.84 -0.59 0.00	15.37 -0.31 0.00	14.97 -0.33 0.00	14.03 -0.32 0.00	13.88 -0.45 0.00	11.91 -0.43 -0.17	13.75 -0.51 0.00	15.29 -0.83 0.00	13.84 -0.69 0.00	14.93 -0.96 -0.18	13.42 -1.05 3.92	12.51 -1.17 6.29	14.32 -1.00 3.62	11.29 -0.98 9.57	11.98 -1.11 9.44	9.57 -0.93 7.90	9.21 -0.49 3.45
OXY_CHEM_DSASP 323612	6.57 -0.54 -0.28	5.93 -0.46 0.00	5.50 -0.41 0.00	6.34 -0.52 0.00	6.39 -0.52 0.00	10.17 -0.72 0.00	13.16 -0.78 0.00	16.60 -0.84 0.00	15.15 -0.53 0.00	14.76 -0.55 0.00	13.83 -0.51 0.00	13.68 -0.66 0.00	11.73 -0.61 -0.17	13.55 -0.71 0.00	15.05 -1.07 0.00	13.62 -0.91 0.00	14.71 -1.18 -0.17	10.98 -1.34 6.07	12.46 -1.46 6.04	14.17 -1.29 3.48	11.35 -1.30 9.20	12.05 -1.40 9.08	9.64 -1.19 7.56	9.20 -0.65 3.31
OZONE_PARK_ESR 323760	11.13 0.62 -3.68	6.95 0.55 0.00	6.40 0.49 0.00	7.42 0.56 0.00	7.46 0.55 0.00	11.75 0.87 0.00	15.11 1.17 0.00	18.88 1.45 0.00	16.97 1.29 0.00	16.64 1.33 0.00	15.73 1.39 0.00	15.82 1.49 0.00	14.54 1.31 -1.06	15.82 1.56 0.00	17.89 1.77 0.00	16.13 1.60 0.00	18.43 1.65 -1.07	21.13 2.01 -0.73	22.01 2.05 0.00	21.14 1.86 -0.34	24.41 2.06 -0.51	24.63 2.10 0.00	20.15 1.75 0.00	17.12 1.28 -2.68
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	6.57 -0.54 -0.28	5.93 -0.46 0.00	5.50 -0.41 0.00	6.34 -0.52 0.00	6.39 -0.52 0.00	10.17 -0.72 0.00	13.16 -0.78 0.00	16.60 -0.84 0.00	15.15 -0.53 0.00	14.76 -0.55 0.00	13.83 -0.51 0.00	13.68 -0.66 0.00	11.73 -0.61 -0.17	13.55 -0.71 0.00	15.05 -1.07 0.00	13.62 -0.91 0.00	14.71 -1.18 -0.17	10.98 -1.34 6.07	12.46 -1.46 6.04	14.17 -1.29 3.48	11.35 -1.30 9.20	12.05 -1.40 9.08	9.64 -1.19 7.56	9.20 -0.65 3.31
PACKARD__115KV_DUPONT_184 80571	6.57 -0.54 -0.28	5.93 -0.46 0.00	5.50 -0.41 0.00	6.34 -0.52 0.00	6.39 -0.52 0.00	10.17 -0.72 0.00	13.16 -0.78 0.00	16.60 -0.84 0.00	15.15 -0.53 0.00	14.76 -0.55 0.00	13.83 -0.51 0.00	13.68 -0.66 0.00	11.73 -0.61 -0.17	13.55 -0.71 0.00	15.05 -1.07 0.00	13.62 -0.91 0.00	14.71 -1.18 -0.17	10.98 -1.34 6.07	12.46 -1.46 6.04	14.17 -1.29 3.48	11.35 -1.30 9.20	12.05 -1.40 9.08	9.64 -1.19 7.56	9.20 -0.65 3.31
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	11.05 0.54 -3.68	6.87 0.48 0.00	6.33 0.43 0.00	7.34 0.48 0.00	7.39 0.48 0.00	11.62 0.73 0.00	14.95 1.01 0.00	18.67 1.23 0.00	16.78 1.10 0.00	16.44 1.14 0.00	15.54 1.20 0.00	15.62 1.28 0.00	14.36 1.13 -1.06	15.60 1.34 0.00	17.65 1.53 0.00	15.91 1.38 0.00	18.21 1.42 -1.07	20.86 1.74 -0.73	21.75 1.80 0.00	20.89 1.61 -0.34	24.15 1.80 -0.51	24.36 1.83 0.00	19.93 1.54 0.00	16.96 1.12 -2.68

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	11.04 0.53 -3.68	6.87 0.48 0.00	6.34 0.43 0.00	7.36 0.50 0.00	7.40 0.50 0.00	11.63 0.75 0.00	14.96 1.03 0.00	18.68 1.25 0.00	16.78 1.10 0.00	16.41 1.11 0.00	15.51 1.17 0.00	15.58 1.25 0.00	14.34 1.11 -1.06	15.58 1.32 0.00	17.62 1.50 0.00	15.88 1.35 0.00	18.17 1.38 -1.07	20.82 1.70 -0.73	21.71 1.75 0.00	20.84 1.56 -0.34	24.10 1.75 -0.51	24.31 1.79 0.00	19.89 1.49 0.00	16.93 1.09 -2.68
PATROON__115KV_TB1 80586	11.48 0.18 -4.46	6.55 0.16 0.00	6.05 0.14 0.00	7.05 0.18 0.00	7.08 0.17 0.00	11.13 0.24 0.00	14.18 0.24 0.00	17.68 0.25 0.00	15.84 0.16 0.00	15.50 0.19 0.00	14.60 0.26 0.00	14.66 0.32 0.00	13.76 0.30 -1.28	14.58 0.31 0.00	16.50 0.38 0.00	14.86 0.33 0.00	17.39 0.38 -1.30	19.71 0.44 -0.88	20.42 0.46 0.00	19.84 0.50 -0.41	23.02 0.56 -0.61	23.08 0.56 0.00	18.86 0.46 0.00	16.77 0.37 -3.24
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	6.97 -0.21 -0.36	6.24 -0.15 0.00	5.79 -0.11 0.00	6.69 -0.17 0.00	6.75 -0.16 0.00	10.73 -0.15 0.00	13.89 -0.04 0.00	17.57 0.13 0.00	16.00 0.32 0.00	15.60 0.29 -0.01	14.59 0.24 0.00	14.46 0.13 0.00	12.39 0.03 -0.19	14.33 0.06 0.00	15.96 -0.17 -0.01	14.44 -0.09 0.00	15.59 -0.32 -0.20	11.41 -0.30 6.68	12.99 -0.31 6.65	14.89 -0.22 3.83	11.51 -0.21 10.13	12.25 -0.28 10.00	9.64 -0.27 8.49	9.43 -0.04 3.69
PAWLING_115_KV_BK3_REV_LBMP_H 345028	11.08 0.55 -3.71	6.88 0.49 0.00	6.34 0.43 0.00	7.35 0.49 0.00	7.40 0.49 0.00	11.67 0.79 0.00	14.99 1.06 0.00	18.72 1.29 0.00	16.80 1.12 0.00	16.45 1.15 0.00	15.53 1.19 0.00	15.59 1.26 0.00	14.35 1.12 -1.06	15.58 1.32 0.00	17.61 1.49 0.00	15.90 1.37 0.00	18.24 1.45 -1.08	20.92 1.79 -0.73	21.82 1.86 0.00	20.98 1.70 -0.34	24.25 1.90 -0.51	24.43 1.91 0.00	19.95 1.55 0.00	16.97 1.12 -2.69
PEEKSKILL____ 23653	10.98 0.51 -3.65	6.84 0.45 0.00	6.30 0.40 0.00	7.31 0.45 0.00	7.35 0.44 0.00	11.59 0.70 0.00	14.87 0.93 0.00	18.58 1.14 0.00	16.67 0.99 0.00	16.34 1.04 0.00	15.44 1.09 0.00	15.52 1.19 0.00	14.28 1.06 -1.05	15.51 1.25 0.00	17.54 1.43 0.00	15.82 1.29 0.00	18.12 1.34 -1.07	20.77 1.65 -0.73	21.64 1.69 0.00	20.80 1.53 -0.33	24.03 1.68 -0.50	24.23 1.70 0.00	19.80 1.40 0.00	16.86 1.03 -2.66
PGE MADISON__WINDPWR 24146	8.53 0.39 -1.31	6.76 0.37 0.00	6.28 0.37 0.00	7.29 0.43 0.00	7.37 0.46 0.00	11.66 0.77 0.00	15.11 1.18 0.00	18.90 1.46 0.00	16.86 1.19 0.00	16.26 0.96 0.00	15.07 0.73 0.00	14.90 0.56 0.00	12.92 0.43 -0.31	14.75 0.49 0.00	16.63 0.52 0.00	14.99 0.46 0.00	16.52 0.49 -0.32	19.31 0.65 -0.28	22.19 1.01 -1.23	21.01 1.25 -0.82	25.46 1.58 -2.03	25.71 1.34 -1.84	20.89 0.91 -1.58	15.35 0.65 -1.54
PIERCEFIELD__HYD 23852	6.54 -0.28 0.00	6.15 -0.24 0.00	5.70 -0.21 0.00	6.63 -0.23 0.00	6.66 -0.24 0.00	10.48 -0.41 0.00	13.31 -0.62 0.00	16.66 -0.78 0.00	14.99 -0.69 0.00	14.59 -0.72 0.00	14.50 -0.84 -1.00	3.16 -0.94 10.23	-8.77 -0.83 20.11	-3.51 -0.95 16.82	-1.53 -0.95 16.69	-4.60 -0.87 18.25	21.40 -0.87 -6.56	22.69 -1.03 -5.34	19.63 -1.07 -0.75	25.03 -1.02 -7.10	27.85 -1.14 -7.15	28.21 -1.11 -6.79	22.90 -0.77 -5.27	13.16 -0.60 -0.60
PINELAWN_CC_1 323563	11.20 0.69 -3.68	7.00 0.61 0.00	6.46 0.55 0.00	7.48 0.62 0.00	7.53 0.62 0.00	11.83 0.95 0.00	15.22 1.29 0.00	18.98 1.54 0.00	16.96 1.28 0.00	16.60 1.30 0.00	15.64 1.29 0.00	15.57 1.24 0.00	14.44 1.21 -1.06	15.72 1.45 0.00	17.88 1.76 0.00	23.59 1.64 -7.42	27.19 1.71 -9.77	27.48 2.08 -7.01	22.09 2.13 0.00	21.04 1.76 -0.34	24.35 2.00 -0.51	24.59 2.07 0.00	20.12 1.72 0.00	17.13 1.29 -2.68
PJM_GEN_HTP_PROXY 323702	11.06 0.55 -3.68	6.89 0.50 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.66 0.77 0.00	14.97 1.04 0.00	18.71 1.28 0.00	16.80 1.13 0.00	16.48 1.18 0.00	15.58 1.24 0.00	15.67 1.33 0.00	14.41 1.18 -1.06	15.67 1.40 0.00	17.72 1.60 0.00	15.97 1.44 0.00	18.27 1.49 -1.07	20.93 1.81 -0.73	21.78 1.82 0.00	20.92 1.65 -0.34	24.15 1.80 -0.51	24.38 1.85 0.00	19.94 1.55 0.00	16.98 1.14 -2.68
PJM_GEN_KEystone 24065	9.32 0.20 -2.29	6.57 0.18 0.00	6.08 0.17 0.00	7.04 0.18 0.00	7.09 0.18 0.00	11.19 0.30 0.00	14.42 0.48 0.00	18.10 0.67 0.00	16.33 0.65 0.00	15.97 0.67 0.00	15.01 0.67 0.00	15.04 0.70 0.00	13.42 0.59 -0.66	14.98 0.72 0.00	16.86 0.74 0.00	15.24 0.71 0.00	17.00 0.62 -0.67	20.47 0.81 -1.27	19.65 0.79 1.11	19.20 0.69 0.44	21.22 0.76 1.38	21.63 0.76 1.66	17.64 0.64 1.40	14.70 0.54 -1.00
PJM_GEN_NEPTUNE_PROXY 323594	11.13 0.61 -3.68	6.94 0.55 0.00	6.40 0.50 0.00	7.42 0.56 0.00	7.46 0.55 0.00	11.71 0.83 0.00	15.05 1.12 0.00	18.76 1.33 0.00	16.79 1.11 0.00	16.47 1.17 0.00	15.52 1.18 0.00	15.50 1.17 0.00	14.35 1.12 -1.06	15.62 1.36 0.00	17.75 1.63 0.00	20.08 1.51 -4.05	23.09 1.56 -5.81	24.43 1.89 -4.15	21.86 1.90 0.00	20.84 1.56 -0.34	24.11 1.76 -0.51	24.35 1.82 0.00	19.91 1.52 0.00	16.99 1.15 -2.68
PJM_GEN_VFT_PROXY 323633	11.04 0.53 -3.68	6.87 0.48 0.00	6.33 0.43 0.00	7.34 0.48 0.00	7.38 0.47 0.00	11.63 0.74 0.00	14.93 0.99 0.00	18.65 1.21 0.00	16.74 1.06 0.00	16.42 1.12 0.00	15.52 1.18 0.00	15.61 1.28 0.00	14.36 1.12 -1.06	15.62 1.36 0.00	17.67 1.55 0.00	15.92 1.39 0.00	18.18 1.39 -1.07	20.83 1.71 -0.73	21.70 1.74 0.00	20.83 1.56 -0.34	24.06 1.71 -0.51	24.28 1.75 0.00	19.90 1.50 0.00	16.96 1.12 -2.68
PLATSBRG_115KV_PMLD1 355749	6.74 -0.09 0.00	6.37 -0.03 0.00	5.90 -0.01 0.00	6.88 0.02 0.00	6.89 -0.02 0.00	10.90 0.01 0.00	13.98 0.05 0.00	17.41 -0.03 0.00	15.59 -0.09 0.00	15.10 -0.21 0.00	8.21 -0.61 5.53	-18.16 -0.73 31.76	-20.87 -0.64 32.41	-20.92 -0.77 34.42	-21.08 -0.78 36.41	-20.93 -0.70 34.76	-21.21 -0.69 36.23	-21.15 -0.79 38.74	-21.09 -0.86 40.20	-21.16 -0.89 39.21	-21.15 -1.03 41.97	-21.19 -1.02 42.70	-21.16 -0.80 38.76	-21.13 -0.61 33.68
PLEASANTVLY__LBMP 24000	11.10 0.44 -3.83	6.79 0.39 0.00	6.25 0.35 0.00	7.26 0.40 0.00	7.30 0.39 0.00	11.50 0.62 0.00	14.74 0.81 0.00	18.40 0.96 0.00	16.50 0.82 0.00	16.17 0.87 0.00	15.28 0.93 0.00	15.35 1.02 0.00	14.17 0.91 -1.09	15.32 1.06 0.00	17.32 1.20 0.00	15.62 1.09 0.00	17.97 1.14 -1.11	20.55 1.40 -0.76	21.39 1.43 0.00	20.61 1.32 -0.35	23.83 1.46 -0.52	24.01 1.48 0.00	19.62 1.22 0.00	16.84 0.90 -2.78
PLSNTVLE_13_KV_13.8KVDIST 80602	11.05 0.52 -3.70	6.85 0.46 0.00	6.31 0.41 0.00	7.33 0.47 0.00	7.37 0.46 0.00	11.61 0.73 0.00	14.90 0.97 0.00	18.61 1.18 0.00	16.71 1.03 0.00	16.37 1.07 0.00	15.48 1.14 0.00	15.57 1.24 0.00	14.33 1.09 -1.06	15.55 1.29 0.00	17.59 1.48 0.00	15.84 1.31 0.00	18.15 1.36 -1.08	20.80 1.68 -0.73	21.66 1.71 0.00	20.84 1.56 -0.34	24.08 1.72 -0.51	24.28 1.75 0.00	19.84 1.44 0.00	16.90 1.05 -2.69

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	11.05 0.52 -3.70	6.85 0.46 0.00	6.31 0.41 0.00	7.33 0.47 0.00	7.37 0.46 0.00	11.61 0.73 0.00	14.90 0.97 0.00	18.61 1.18 0.00	16.71 1.03 0.00	16.37 1.07 0.00	15.48 1.14 0.00	15.57 1.24 0.00	14.33 1.09 -1.06	15.55 1.29 0.00	17.59 1.48 0.00	15.84 1.31 0.00	18.15 1.36 -1.08	20.80 1.68 -0.73	21.66 1.71 0.00	20.84 1.56 -0.34	24.08 1.72 -0.51	24.28 1.75 0.00	19.84 1.44 0.00	16.90 1.05 -2.69
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	11.06 0.49 -3.74	6.83 0.43 0.00	6.30 0.39 0.00	7.30 0.45 0.00	7.35 0.44 0.00	11.58 0.70 0.00	14.86 0.93 0.00	18.54 1.11 0.00	16.63 0.95 0.00	16.27 0.97 0.00	15.36 1.01 0.00	15.43 1.09 0.00	14.21 0.97 -1.07	15.39 1.13 0.00	17.40 1.28 0.00	15.71 1.18 0.00	18.06 1.26 -1.09	20.70 1.57 -0.74	21.59 1.64 0.00	20.79 1.51 -0.34	24.04 1.68 -0.51	24.22 1.69 0.00	19.78 1.38 0.00	16.87 1.00 -2.71
POLETTI____ 23519	11.06 0.55 -3.68	6.89 0.49 0.00	6.35 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.65 0.77 0.00	14.96 1.02 0.00	18.68 1.24 0.00	16.78 1.10 0.00	16.45 1.15 0.00	15.57 1.23 0.00	15.66 1.32 0.00	14.41 1.18 -1.06	15.66 1.40 0.00	17.70 1.59 0.00	15.96 1.43 0.00	18.24 1.46 -1.07	20.90 1.78 -0.73	21.76 1.80 0.00	20.90 1.62 -0.34	24.13 1.78 -0.51	24.34 1.81 0.00	19.92 1.52 0.00	16.98 1.14 -2.68
PORT_JEFF_3 23555	11.25 0.74 -3.68	7.04 0.65 0.00	6.49 0.58 0.00	7.53 0.67 0.00	7.57 0.66 0.00	11.90 1.01 0.00	15.29 1.36 0.00	19.02 1.58 0.00	16.92 1.24 0.00	16.51 1.20 0.00	15.52 1.18 0.00	15.45 1.12 0.00	14.40 1.17 -1.06	15.72 1.46 0.00	17.90 1.78 0.00	23.62 1.66 -7.42	27.24 1.76 -9.77	27.55 2.15 -7.01	22.15 2.20 0.00	21.05 1.77 -0.34	24.36 2.01 -0.51	24.60 2.07 0.00	20.12 1.72 0.00	17.13 1.29 -2.68
PORT_JEFF_4 23616	11.25 0.74 -3.68	7.04 0.65 0.00	6.49 0.58 0.00	7.53 0.67 0.00	7.57 0.66 0.00	11.90 1.01 0.00	15.29 1.36 0.00	19.02 1.58 0.00	16.92 1.24 0.00	16.51 1.20 0.00	15.52 1.18 0.00	15.45 1.12 0.00	14.40 1.17 -1.06	15.72 1.46 0.00	17.90 1.78 0.00	23.62 1.66 -7.42	27.24 1.76 -9.77	27.55 2.15 -7.01	22.15 2.20 0.00	21.05 1.77 -0.34	24.36 2.01 -0.51	24.60 2.07 0.00	20.12 1.72 0.00	17.13 1.29 -2.68
PORT_JEFF_IC 23713	11.25 0.74 -3.68	7.04 0.65 0.00	6.49 0.59 0.00	7.54 0.68 0.00	7.57 0.66 0.00	11.91 1.02 0.00	15.31 1.38 0.00	19.04 1.61 0.00	16.96 1.28 0.00	16.54 1.24 0.00	15.56 1.22 0.00	15.48 1.15 0.00	14.42 1.18 -1.06	15.73 1.47 0.00	17.91 1.80 0.00	23.63 1.68 -7.42	27.26 1.78 -9.77	27.58 2.18 -7.01	22.19 2.23 0.00	21.07 1.80 -0.34	24.40 2.04 -0.51	24.63 2.10 0.00	20.14 1.74 0.00	17.15 1.31 -2.68
PPL PILGRIM_ST_GT1 24216	11.25 0.74 -3.68	7.04 0.65 0.00	6.49 0.59 0.00	7.53 0.67 0.00	7.58 0.67 0.00	11.90 1.01 0.00	15.30 1.36 0.00	19.07 1.64 0.00	17.03 1.35 0.00	16.66 1.36 0.00	15.69 1.34 0.00	15.62 1.28 0.00	14.48 1.25 -1.06	15.78 1.52 0.00	17.95 1.84 0.00	23.66 1.71 -7.42	27.27 1.79 -9.77	27.56 2.16 -7.01	22.16 2.21 0.00	21.07 1.79 -0.34	24.40 2.04 -0.51	24.64 2.12 0.00	20.17 1.77 0.00	17.18 1.35 -2.68
PPL PILGRIM_ST_GT2 24217	11.25 0.74 -3.68	7.04 0.65 0.00	6.49 0.59 0.00	7.53 0.67 0.00	7.58 0.67 0.00	11.90 1.01 0.00	15.30 1.36 0.00	19.07 1.64 0.00	17.03 1.35 0.00	16.66 1.36 0.00	15.69 1.34 0.00	15.62 1.28 0.00	14.48 1.25 -1.06	15.78 1.52 0.00	17.95 1.84 0.00	23.66 1.71 -7.42	27.27 1.79 -9.77	27.56 2.16 -7.01	22.16 2.21 0.00	21.07 1.79 -0.34	24.40 2.04 -0.51	24.64 2.12 0.00	20.17 1.77 0.00	17.18 1.35 -2.68
PPL_SHRM_GT3 24213	11.18 0.66 -3.68	6.97 0.58 0.00	6.44 0.53 0.00	7.49 0.63 0.00	7.51 0.60 0.00	11.78 0.90 0.00	15.17 1.23 0.00	18.88 1.44 0.00	16.81 1.13 0.00	16.39 1.09 0.00	15.42 1.07 0.00	15.29 0.96 0.00	14.23 1.00 -1.06	15.50 1.24 0.00	17.65 1.53 0.00	23.39 1.44 -7.42	27.02 1.55 -9.77	27.33 1.94 -7.01	21.94 1.98 0.00	20.82 1.54 -0.34	24.10 1.75 -0.51	24.33 1.80 0.00	19.87 1.47 0.00	16.94 1.10 -2.68
PPL_SHRM_GT4 24214	11.18 0.66 -3.68	6.97 0.58 0.00	6.44 0.53 0.00	7.49 0.63 0.00	7.51 0.60 0.00	11.78 0.90 0.00	15.17 1.23 0.00	18.88 1.44 0.00	16.81 1.13 0.00	16.39 1.09 0.00	15.42 1.07 0.00	15.29 0.96 0.00	14.23 1.00 -1.06	15.50 1.24 0.00	17.65 1.53 0.00	23.39 1.44 -7.42	27.02 1.55 -9.77	27.33 1.94 -7.01	21.94 1.98 0.00	20.82 1.54 -0.34	24.10 1.75 -0.51	24.33 1.80 0.00	19.87 1.47 0.00	16.94 1.10 -2.68
PROJECT____ORANGE 1 24174	7.09 -0.12 -0.38	6.28 -0.11 0.00	5.80 -0.10 0.00	6.74 -0.12 0.00	6.79 -0.12 0.00	10.74 -0.14 0.00	13.84 -0.10 0.00	17.34 -0.09 0.00	15.58 -0.10 0.00	15.19 -0.11 0.00	14.24 -0.11 0.00	14.20 -0.14 0.00	12.15 -0.13 -0.11	14.11 -0.15 0.00	15.90 -0.22 0.00	14.35 -0.18 0.00	15.57 -0.25 -0.11	18.21 -0.26 -0.08	19.71 -0.25 0.00	18.77 -0.21 -0.03	21.66 -0.24 -0.05	22.22 -0.31 0.00	18.09 -0.31 0.00	13.24 -0.19 -0.27
PROJECT____ORANGE 2 24166	7.09 -0.12 -0.38	6.28 -0.11 0.00	5.80 -0.10 0.00	6.74 -0.12 0.00	6.79 -0.12 0.00	10.74 -0.14 0.00	13.84 -0.10 0.00	17.34 -0.09 0.00	15.58 -0.10 0.00	15.19 -0.11 0.00	14.24 -0.11 0.00	14.20 -0.14 0.00	12.15 -0.13 -0.11	14.11 -0.15 0.00	15.90 -0.22 0.00	14.35 -0.18 0.00	15.57 -0.25 -0.11	18.21 -0.26 -0.08	19.71 -0.25 0.00	18.77 -0.21 -0.03	21.66 -0.24 -0.05	22.22 -0.31 0.00	18.09 -0.31 0.00	13.24 -0.19 -0.27
PUCKETT____SOLAR 323809	8.36 0.18 -1.35	6.55 0.16 0.00	6.07 0.16 0.00	7.04 0.18 0.00	7.11 0.20 0.00	11.23 0.34 0.00	14.49 0.55 0.00	18.14 0.70 0.00	16.24 0.56 0.00	15.77 0.47 0.00	14.71 0.37 0.00	14.66 0.32 0.00	12.75 0.24 -0.34	14.56 0.30 0.00	16.40 0.28 0.00	14.83 0.30 0.00	16.30 0.25 -0.34	16.42 0.43 2.40	20.50 0.54 0.00	19.63 0.58 -0.11	22.69 0.69 -0.16	23.15 0.62 0.00	18.88 0.47 -0.01	14.38 0.37 -0.85
PYRITES____HYD 24023	6.67 -0.16 0.00	6.26 -0.13 0.00	5.80 -0.10 0.00	6.76 -0.10 0.00	6.79 -0.11 0.00	10.67 -0.22 0.00	13.55 -0.38 0.00	16.95 -0.48 0.00	15.26 -0.42 0.00	14.84 -0.46 0.00	14.68 -0.58 -0.92	2.84 -0.67 10.83	-9.20 -0.59 20.79	-3.90 -0.66 17.51	-1.89 -0.60 17.41	-4.97 -0.54 18.95	21.20 -0.54 -6.02	22.51 -0.62 -4.74	19.45 -0.61 -0.10	24.86 -0.59 -6.52	27.72 -0.64 -6.51	28.05 -0.62 -6.14	22.66 -0.41 -4.67	12.86 -0.35 -0.05
QUAKERRD_115KV_BK1 80622	6.18 -0.37 0.28	6.06 -0.33 0.00	5.60 -0.30 0.00	6.49 -0.37 0.00	6.54 -0.36 0.00	10.39 -0.49 0.00	13.44 -0.49 0.00	16.90 -0.54 0.00	15.26 -0.42 0.00	14.86 -0.45 0.00	13.91 -0.43 0.00	13.83 -0.51 0.00	11.85 -0.46 -0.13	13.72 -0.54 0.00	15.38 -0.74 0.00	13.88 -0.64 0.00	15.06 -0.79 -0.14	17.58 -0.90 -0.09	19.02 -0.93 0.00	18.17 -0.81 -0.04	21.00 -0.91 -0.06	21.51 -1.02 0.00	17.47 -0.92 0.01	12.93 -0.57 -0.34

QUENSBRY_115KV_TB8 356137	11.61	6.51	5.97	6.95	7.02	11.12	14.32	17.92	15.98	15.61	14.66	14.70	13.84	14.63	16.54	14.93	17.60	19.97	20.73	20.15	23.45	23.48	19.14	17.00
	0.16	0.12	0.07	0.09	0.11	0.23	0.39	0.49	0.30	0.30	0.32	0.36	0.35	0.36	0.42	0.40	0.55	0.67	0.78	0.79	0.97	0.95	0.74	0.50
	-4.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.32	0.00	0.00	0.00	-1.34	-0.91	0.00	-0.42	-0.63	0.00	0.00	-3.34
RAMAPO____LBMP 323565	10.88	6.82	6.29	7.30	7.34	11.57	14.85	18.56	16.66	16.32	15.41	15.51	14.25	15.50	17.53	15.80	18.08	20.73	21.63	20.77	23.99	24.19	19.78	16.78
	0.49	0.43	0.39	0.44	0.43	0.68	0.92	1.13	0.97	1.02	1.07	1.17	1.04	1.23	1.41	1.27	1.32	1.63	1.67	1.50	1.65	1.67	1.38	1.01
	-3.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.03	0.00	0.00	0.00	-1.04	-0.71	0.00	-0.33	-0.49	0.00	0.00	-2.61
RANKINE____ 23646	6.89	6.18	5.72	6.62	6.67	10.63	13.76	17.37	15.81	15.41	14.42	14.28	12.24	14.13	15.74	14.22	15.37	9.91	11.50	13.91	9.39	10.11	7.80	8.46
	-0.28	-0.22	-0.18	-0.24	-0.24	-0.26	-0.18	-0.07	0.13	0.10	0.08	-0.05	-0.12	-0.13	-0.39	-0.31	-0.54	-0.60	-0.63	-0.51	-0.54	-0.66	-0.60	-0.27
	-0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	-0.18	0.00	-0.01	0.00	-0.19	7.88	7.82	4.52	11.92	11.75	10.00	4.43
RAVENSWOOD_GT2_1 24244	11.06	6.89	6.34	7.36	7.40	11.66	14.97	18.70	16.80	16.47	15.57	15.66	14.41	15.66	17.71	15.96	18.26	20.92	21.78	20.92	24.16	24.37	19.94	16.98
	0.55	0.50	0.44	0.50	0.49	0.77	1.03	1.26	1.12	1.17	1.23	1.33	1.18	1.39	1.59	1.43	1.47	1.80	1.83	1.65	1.81	1.84	1.54	1.14
	-3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.06	0.00	0.00	0.00	-1.07	-0.73	0.00	-0.34	-0.51	0.00	0.00	-2.68
RAVENSWOOD_GT2_2 24245	11.06	6.89	6.34	7.36	7.40	11.66	14.97	18.70	16.80	16.47	15.57	15.66	14.41	15.66	17.71	15.96	18.26	20.92	21.78	20.92	24.16	24.37	19.94	16.98
	0.55	0.50	0.44	0.50	0.49	0.77	1.03	1.26	1.12	1.17	1.23	1.33	1.18	1.39	1.59	1.43	1.47	1.80	1.83	1.65	1.81	1.84	1.54	1.14
	-3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.06	0.00	0.00	0.00	-1.07	-0.73	0.00	-0.34	-0.51	0.00	0.00	-2.68
RAVENSWOOD_GT2_3 24246	11.06	6.89	6.35	7.36	7.40	11.66	14.97	18.71	16.80	16.48	15.58	15.67	14.41	15.67	17.72	15.97	18.27	20.93	21.79	20.93	24.17	24.38	19.95	16.99
	0.55	0.50	0.44	0.50	0.49	0.77	1.04	1.27	1.13	1.18	1.24	1.33	1.18	1.40	1.60	1.44	1.48	1.81	1.83	1.66	1.82	1.85	1.55	1.14
	-3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.06	0.00	0.00	0.00	-1.07	-0.73	0.00	-0.34	-0.51	0.00	0.00	-2.68
RAVENSWOOD_GT2_4 24247	11.06	6.89	6.35	7.36	7.40	11.66	14.97	18.71	16.80	16.48	15.58	15.67	14.41	15.67	17.72	15.97	18.27	20.93	21.79	20.93	24.17	24.38	19.95	16.99
	0.55	0.50	0.44	0.50	0.49	0.77	1.04	1.27	1.13	1.18	1.24	1.33	1.18	1.40	1.60	1.44	1.48	1.81	1.83	1.66	1.82	1.85	1.55	1.14
	-3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.06	0.00	0.00	0.00	-1.07	-0.73	0.00	-0.34	-0.51	0.00	0.00	-2.68
RAVENSWOOD_GT3_1 24248	11.06	6.89	6.34	7.36	7.40	11.65	14.96	18.70	16.79	16.47	15.57	15.66	14.41	15.66	17.71	15.96	18.26	20.91	21.78	20.92	24.16	24.37	19.94	16.98
	0.55	0.49	0.44	0.50	0.49	0.76	1.03	1.26	1.11	1.17	1.23	1.32	1.18	1.39	1.59	1.43	1.47	1.79	1.83	1.65	1.81	1.84	1.54	1.14
	-3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.06	0.00	0.00	0.00	-1.07	-0.73	0.00	-0.34	-0.51	0.00	0.00	-2.68
RAVENSWOOD_GT3_2 24249	11.06	6.89	6.34	7.36	7.40	11.65	14.96	18.70	16.79	16.47	15.57	15.66	14.41	15.66	17.71	15.96	18.26	20.91	21.78	20.92	24.16	24.37	19.94	16.98
	0.55	0.49	0.44	0.50	0.49	0.76	1.03	1.26	1.11	1.17	1.23	1.32	1.18	1.39	1.59	1.43	1.47	1.79	1.83	1.65	1.81	1.84	1.54	1.14
	-3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.06	0.00	0.00	0.00	-1.07	-0.73	0.00	-0.34	-0.51	0.00	0.00	-2.68
RAVENSWOOD_GT3_3 24250	11.07	6.90	6.35	7.37	7.41	11.67	14.98	18.73	16.82	16.50	15.60	15.68	14.43	15.69	17.74	15.99	18.29	20.95	21.82	20.96	24.20	24.41	19.97	17.00
	0.56	0.51	0.45	0.51	0.50	0.78	1.05	1.29	1.14	1.20	1.26	1.35	1.20	1.42	1.62	1.46	1.50	1.83	1.86	1.68	1.85	1.88	1.57	1.16
	-3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.06	0.00	0.00	0.00	-1.07	-0.73	0.00	-0.34	-0.51	0.00	0.00	-2.68
RAVENSWOOD_GT3_4 24251	11.07	6.90	6.35	7.37	7.41	11.67	14.98	18.73	16.82	16.50	15.60	15.68	14.43	15.69	17.74	15.99	18.29	20.95	21.82	20.96	24.20	24.41	19.97	17.00
	0.56	0.51	0.45	0.51	0.50	0.78	1.05	1.29	1.14	1.20	1.26	1.35	1.20	1.42	1.62	1.46	1.50	1.83	1.86	1.68	1.85	1.88	1.57	1.16
	-3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.06	0.00	0.00	0.00	-1.07	-0.73	0.00	-0.34	-0.51	0.00	0.00	-2.68
RAVENSWOOD_GT_1 23729	11.08	6.90	6.36	7.37	7.41	11.67	15.00	18.75	16.85	16.52	15.63	15.71	14.45	15.71	17.77	16.02	18.31	20.98	21.85	20.98	24.22	24.43	19.98	17.02
	0.57	0.51	0.45	0.51	0.50	0.79	1.06	1.31	1.17	1.22	1.28	1.38	1.22	1.45	1.65	1.49	1.53	1.86	1.89	1.70	1.87	1.90	1.59	1.18
	-3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.06	0.00	0.00	0.00	-1.07	-0.73	0.00	-0.34	-0.51	0.00	0.00	-2.68
RAVENSWOOD_GT_10 24258	11.06	6.88	6.34	7.36	7.40	11.65	14.96	18.70	16.79	16.47	15.57	15.66	14.41	15.66	17.71	15.96	18.26	20.91	21.78	20.92	24.16	24.37	19.94	16.98
	0.55	0.49	0.44	0.50	0.49	0.76	1.03	1.26	1.11	1.17	1.23	1.32	1.18	1.39	1.59	1.43	1.47	1.79	1.83	1.65	1.81	1.84	1.54	1.14
	-3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.06	0.00	0.00	0.00	-1.07	-0.73	0.00	-0.34	-0.51	0.00	0.00	-2.68
RAVENSWOOD_GT_11 24259	11.06	6.88	6.34	7.36	7.40	11.65	14.96	18.70	16.79	16.47	15.57	15.66	14.41	15.66	17.71	15.96	18.26	20.91	21.78	20.92	24.16	24.37	19.94	16.98
	0.55	0.49	0.44	0.50	0.49	0.76	1.03	1.26	1.11	1.17	1.23	1.32	1.18	1.39	1.59	1.43	1.47	1.79	1.83	1.65	1.81	1.84	1.54	1.14
	-3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.06	0.00	0.00	0.00	-1.07	-0.73	0.00	-0.34	-0.51	0.00	0.00	-2.68
RAVENSWOOD_GT_4 24252	11.06	6.89	6.34	7.36	7.40	11.66	14.97	18.70	16.79	16.47	15.57	15.66	14.41	15.66	17.71	15.97	18.26	20.92	21.78	20.92	24.16	24.37	19.94	16.98
	0.55	0.49	0.44	0.50	0.49	0.77	1.03	1.26	1.11	1.17	1.23	1.33	1.18	1.39	1.59	1.44	1.47	1.80	1.83	1.65	1.81	1.84	1.54	1.14
	-3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.06	0.00	0.00	0.00	-1.07	-0.73	0.00	-0.34	-0.51	0.00	0.00	-2.68

RAVENSWOOD_GT_5 24254	11.06 0.55 -3.68	6.89 0.49 0.00	6.34 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.66 0.77 0.00	14.97 1.03 0.00	18.70 1.26 0.00	16.79 1.11 0.00	16.47 1.17 0.00	15.57 1.23 0.00	15.66 1.33 0.00	14.41 1.18 -1.06	15.66 1.39 0.00	17.71 1.59 0.00	15.97 1.44 0.00	18.26 1.47 -1.07	20.92 1.80 -0.73	21.78 1.83 0.00	20.92 1.65 -0.34	24.16 1.81 -0.51	24.37 1.84 0.00	19.94 1.54 0.00	16.98 1.14 -2.68
RAVENSWOOD_GT_6 24253	11.06 0.55 -3.68	6.89 0.49 0.00	6.34 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.66 0.77 0.00	14.97 1.03 0.00	18.70 1.26 0.00	16.79 1.11 0.00	16.47 1.17 0.00	15.57 1.23 0.00	15.66 1.33 0.00	14.41 1.18 -1.06	15.66 1.39 0.00	17.71 1.59 0.00	15.97 1.44 0.00	18.26 1.47 -1.07	20.92 1.80 -0.73	21.78 1.83 0.00	20.92 1.65 -0.34	24.16 1.81 -0.51	24.37 1.84 0.00	19.94 1.54 0.00	16.98 1.14 -2.68
RAVENSWOOD_GT_7 24255	11.06 0.55 -3.68	6.89 0.49 0.00	6.34 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.66 0.77 0.00	14.97 1.03 0.00	18.70 1.26 0.00	16.79 1.11 0.00	16.47 1.17 0.00	15.57 1.23 0.00	15.66 1.33 0.00	14.41 1.18 -1.06	15.66 1.39 0.00	17.71 1.59 0.00	15.97 1.44 0.00	18.26 1.47 -1.07	20.92 1.80 -0.73	21.78 1.83 0.00	20.92 1.65 -0.34	24.16 1.81 -0.51	24.37 1.84 0.00	19.94 1.54 0.00	16.98 1.14 -2.68
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	11.06 0.55 -3.68	6.88 0.49 0.00	6.34 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.65 0.76 0.00	14.96 1.03 0.00	18.70 1.26 0.00	16.79 1.11 0.00	16.47 1.17 0.00	15.57 1.23 0.00	15.66 1.32 0.00	14.41 1.18 -1.06	15.66 1.39 0.00	17.71 1.59 0.00	15.96 1.43 0.00	18.26 1.47 -1.07	20.91 1.79 -0.73	21.78 1.83 0.00	20.92 1.65 -0.34	24.16 1.81 -0.51	24.37 1.84 0.00	19.94 1.54 0.00	16.98 1.14 -2.68
RAVENSWOOD_GT_9 24257	11.06 0.55 -3.68	6.88 0.49 0.00	6.34 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.65 0.76 0.00	14.96 1.03 0.00	18.70 1.26 0.00	16.79 1.11 0.00	16.47 1.17 0.00	15.57 1.23 0.00	15.66 1.32 0.00	14.41 1.18 -1.06	15.66 1.39 0.00	17.71 1.59 0.00	15.96 1.43 0.00	18.26 1.47 -1.07	20.91 1.79 -0.73	21.78 1.83 0.00	20.92 1.65 -0.34	24.16 1.81 -0.51	24.37 1.84 0.00	19.94 1.54 0.00	16.98 1.14 -2.68
RAVENSWOOD___1 23533	11.07 0.56 -3.68	6.89 0.50 0.00	6.35 0.45 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.65 0.77 0.00	14.97 1.03 0.00	18.71 1.27 0.00	16.81 1.13 0.00	16.49 1.18 0.00	15.59 1.25 0.00	15.67 1.34 0.00	14.43 1.19 -1.06	15.68 1.41 0.00	17.73 1.61 0.00	15.98 1.45 0.00	18.28 1.49 -1.07	20.93 1.81 -0.73	21.80 1.84 0.00	20.94 1.66 -0.34	24.17 1.82 -0.51	24.38 1.85 0.00	19.95 1.55 0.00	17.00 1.16 -2.68
RAVENSWOOD___2 23534	11.07 0.56 -3.68	6.89 0.50 0.00	6.35 0.45 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.65 0.77 0.00	14.97 1.03 0.00	18.71 1.27 0.00	16.81 1.13 0.00	16.49 1.18 0.00	15.59 1.25 0.00	15.67 1.34 0.00	14.43 1.19 -1.06	15.68 1.41 0.00	17.73 1.61 0.00	15.98 1.45 0.00	18.28 1.49 -1.07	20.93 1.81 -0.73	21.80 1.84 0.00	20.94 1.66 -0.34	24.17 1.82 -0.51	24.38 1.85 0.00	19.95 1.55 0.00	17.00 1.16 -2.68
RAVENSWOOD___3 23535	11.06 0.55 -3.68	6.89 0.50 0.00	6.34 0.44 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.66 0.77 0.00	14.97 1.03 0.00	18.70 1.26 0.00	16.80 1.12 0.00	16.47 1.17 0.00	15.58 1.23 0.00	15.66 1.33 0.00	14.41 1.18 -1.06	15.67 1.40 0.00	17.71 1.59 0.00	15.97 1.44 0.00	18.26 1.47 -1.07	20.92 1.80 -0.73	21.78 1.83 0.00	20.92 1.65 -0.34	24.16 1.81 -0.51	24.37 1.85 0.00	19.94 1.54 0.00	16.98 1.14 -2.68
RAVENSWOOD___4 23820	11.07 0.56 -3.68	6.89 0.50 0.00	6.35 0.45 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.65 0.77 0.00	14.97 1.03 0.00	18.71 1.27 0.00	16.81 1.13 0.00	16.49 1.18 0.00	15.59 1.25 0.00	15.67 1.34 0.00	14.43 1.19 -1.06	15.68 1.41 0.00	17.73 1.61 0.00	15.98 1.45 0.00	18.28 1.49 -1.07	20.93 1.81 -0.73	21.80 1.84 0.00	20.94 1.66 -0.34	24.17 1.82 -0.51	24.38 1.85 0.00	19.95 1.55 0.00	17.00 1.16 -2.68
RCPL_TRUST___DRP 24196	11.08 0.57 -3.68	6.90 0.51 0.00	6.36 0.45 0.00	7.37 0.51 0.00	7.41 0.51 0.00	11.68 0.79 0.00	15.00 1.07 0.00	18.75 1.32 0.00	16.85 1.17 0.00	16.52 1.22 0.00	15.62 1.28 0.00	15.71 1.38 0.00	14.45 1.22 -1.06	15.71 1.45 0.00	17.77 1.65 0.00	16.02 1.49 0.00	18.32 1.53 -1.07	20.99 1.87 -0.73	21.84 1.88 0.00	20.98 1.70 -0.34	24.21 1.86 -0.51	24.43 1.90 0.00	19.99 1.59 0.00	17.01 1.17 -2.68
RED___ROCHESTER 323720	6.66 -0.21 -0.04	6.21 -0.18 0.00	5.74 -0.17 0.00	6.64 -0.22 0.00	6.70 -0.21 0.00	10.68 -0.21 0.00	13.84 -0.10 0.00	17.40 -0.03 0.00	15.72 0.05 0.00	15.31 0.01 0.00	14.34 0.00 0.00	14.25 -0.09 0.00	12.21 -0.10 -0.14	14.15 -0.11 0.00	15.84 -0.28 0.00	14.31 -0.22 0.00	15.50 -0.35 -0.14	19.49 -0.36 -1.45	19.59 -0.37 0.00	18.73 -0.25 -0.04	21.67 -0.24 -0.07	22.17 -0.36 0.00	18.01 -0.39 0.01	13.32 -0.20 -0.35
REGAN___SOLAR 323812	12.57 0.54 -5.20	6.90 0.51 0.00	6.39 0.49 0.00	7.44 0.58 0.00	7.51 0.60 0.00	11.82 0.93 0.00	15.32 1.39 0.00	19.02 1.58 0.00	16.99 1.31 0.00	16.34 1.04 0.00	15.07 0.72 0.00	14.92 0.59 0.00	14.10 0.43 -1.49	14.80 0.53 0.00	16.91 0.79 0.00	15.35 0.82 0.00	18.24 1.02 -1.51	20.32 0.90 -1.03	21.47 1.51 0.00	21.14 1.73 -0.47	24.61 2.05 -0.71	24.59 2.07 0.00	20.02 1.62 0.00	18.04 1.11 -3.77
RENSSELAER___COGEN 23796	11.41 0.16 -4.42	6.53 0.14 0.00	6.02 0.12 0.00	7.02 0.16 0.00	7.05 0.15 0.00	11.09 0.21 0.00	14.12 0.19 0.00	17.61 0.17 0.00	15.78 0.10 0.00	15.43 0.13 0.00	14.54 0.20 0.00	14.59 0.26 0.00	13.69 0.24 -1.27	14.51 0.25 0.00	16.42 0.31 0.00	14.78 0.26 0.00	17.30 0.30 -1.29	19.60 0.34 -0.88	20.32 0.36 0.00	19.75 0.40 -0.40	22.92 0.47 -0.61	22.99 0.46 0.00	18.78 0.38 0.00	16.69 0.32 -3.21
REPUBLIC_115KV_BARTNBRK 55605	11.80 0.37 -4.61	6.66 0.27 0.00	6.12 0.22 0.00	7.13 0.27 0.00	7.21 0.30 0.00	11.45 0.57 0.00	14.89 0.95 0.00	18.89 1.45 0.00	16.76 1.08 0.00	16.39 1.08 0.00	15.35 1.01 0.00	15.37 1.03 0.00	14.47 0.98 -1.32	15.34 1.08 0.00	17.34 1.23 0.00	15.70 1.17 0.00	18.52 1.47 -1.34	21.10 1.80 -0.91	22.08 2.12 0.00	21.32 1.96 -0.42	24.86 2.39 -0.63	24.94 2.41 0.00	20.27 1.87 0.00	17.79 1.29 -3.34
REVERE_CPPR_DRP 24186	7.17 0.13 -0.21	6.51 0.12 0.00	6.03 0.13 0.00	7.02 0.16 0.00	7.07 0.16 0.00	11.15 0.26 0.00	14.33 0.40 0.00	17.90 0.46 0.00	16.02 0.35 0.00	15.58 0.28 0.00	14.53 0.19 0.00	13.88 0.09 0.55	11.38 0.03 0.83	13.53 0.05 0.79	15.39 0.07 0.79	13.74 0.05 0.84	15.81 0.04 -0.06	18.52 0.15 0.02	20.00 0.26 0.22	19.33 0.37 -0.02	22.31 0.46 -0.01	22.92 0.42 0.03	18.62 0.28 0.06	13.31 0.19 0.03

REYNOLDS_115KV_TB3 80639	11.47 0.21 -4.43	6.57 0.18 0.00	6.06 0.15 0.00	7.06 0.19 0.00	7.09 0.18 0.00	11.16 0.27 0.00	14.22 0.28 0.00	17.72 0.29 0.00	15.88 0.20 0.00	15.53 0.23 0.00	14.64 0.30 0.00	14.70 0.36 0.00	13.78 0.34 -1.27	14.62 0.35 0.00	16.54 0.42 0.00	14.88 0.35 0.00	17.41 0.41 -1.29	19.72 0.45 -0.88	20.44 0.48 0.00	19.88 0.53 -0.40	23.06 0.61 -0.61	23.14 0.61 0.00	18.93 0.53 0.00	16.79 0.41 -3.22
RIVERBAY____ 323610	11.04 0.53 -3.68	6.87 0.48 0.00	6.34 0.43 0.00	7.36 0.50 0.00	7.40 0.50 0.00	11.63 0.75 0.00	14.96 1.03 0.00	18.68 1.25 0.00	16.78 1.10 0.00	16.41 1.11 0.00	15.51 1.17 0.00	15.58 1.25 0.00	14.34 1.11 -1.06	15.58 1.32 0.00	17.62 1.50 0.00	15.88 1.35 0.00	18.17 1.38 -1.07	20.82 1.70 -0.73	21.71 1.75 0.00	20.84 1.56 -0.34	24.10 1.75 -0.51	24.31 1.79 0.00	19.89 1.49 0.00	16.93 1.09 -2.68
RIVERSDE_115KV_TB3 55908	11.44 0.18 -4.43	6.55 0.16 0.00	6.04 0.13 0.00	7.04 0.18 0.00	7.07 0.16 0.00	11.13 0.24 0.00	14.16 0.23 0.00	17.66 0.23 0.00	15.83 0.14 0.00	15.48 0.18 0.00	14.59 0.25 0.00	14.64 0.31 0.00	13.74 0.30 -1.27	14.56 0.30 0.00	16.48 0.36 0.00	14.83 0.31 0.00	17.36 0.36 -1.29	19.67 0.40 -0.88	20.38 0.42 0.00	19.81 0.47 -0.40	22.99 0.54 -0.61	23.06 0.53 0.00	18.85 0.45 0.00	16.74 0.36 -3.22
ROARING____BROOK_WT_PWR 323790	6.70 -0.13 0.00	6.28 -0.11 0.00	5.80 -0.10 0.00	6.77 -0.09 0.00	6.81 -0.10 0.00	10.68 -0.21 0.00	13.61 -0.33 0.00	17.03 -0.41 0.00	15.36 -0.32 0.00	14.95 -0.36 0.00	13.82 -0.52 0.00	-17.47 -0.67 31.14	-39.00 -0.57 50.61	-31.37 -0.73 44.91	-30.25 -1.00 45.36	-39.00 -0.86 52.67	-16.57 -1.03 31.26	-39.00 -1.23 56.15	-39.00 -1.33 57.63	-39.00 -1.27 56.67	-39.00 -1.47 59.38	-39.00 -1.50 60.03	-39.00 -1.21 56.19	-39.00 -0.88 51.27
ROCHESRG_115KV_T4 355643	6.60 -0.27 -0.05	6.16 -0.23 0.00	5.69 -0.21 0.00	6.59 -0.27 0.00	6.64 -0.26 0.00	10.57 -0.31 0.00	13.69 -0.25 0.00	17.21 -0.22 0.00	15.56 -0.12 0.00	15.15 -0.15 0.00	14.19 -0.15 0.00	14.09 -0.24 0.00	12.07 -0.19 -0.14	13.99 -0.28 0.00	15.66 -0.46 0.00	14.14 -0.39 0.00	15.32 -0.53 -0.14	16.90 -0.60 0.88	18.38 -0.62 0.96	17.92 -0.50 0.51	19.91 -0.54 1.40	20.45 -0.64 1.44	16.57 -0.60 1.22	12.60 -0.33 0.23
ROCHESTER_9_IC 23652	6.63 -0.24 -0.04	6.19 -0.21 0.00	5.72 -0.19 0.00	6.61 -0.24 0.00	6.67 -0.23 0.00	10.63 -0.26 0.00	13.77 -0.17 0.00	17.32 -0.12 0.00	15.65 -0.03 0.00	15.24 -0.06 0.00	14.27 -0.07 0.00	14.17 -0.16 0.00	12.14 -0.17 -0.14	14.07 -0.19 0.00	15.75 -0.37 0.00	14.22 -0.31 0.00	15.41 -0.44 -0.14	17.99 -0.49 -0.10	19.46 -0.50 0.00	18.61 -0.38 -0.04	21.52 -0.40 -0.07	22.02 -0.51 0.00	17.89 -0.50 0.01	13.25 -0.26 -0.35
ROCKVIEW_13_KV_LD 356306	11.06 0.55 -3.68	6.88 0.49 0.00	6.34 0.43 0.00	7.35 0.49 0.00	7.39 0.48 0.00	11.65 0.76 0.00	14.96 1.02 0.00	18.69 1.25 0.00	16.78 1.10 0.00	16.45 1.15 0.00	15.55 1.21 0.00	15.63 1.30 0.00	14.38 1.15 -1.06	15.63 1.36 0.00	17.67 1.55 0.00	15.94 1.41 0.00	18.25 1.46 -1.07	20.91 1.79 -0.73	21.78 1.82 0.00	20.93 1.65 -0.34	24.18 1.82 -0.51	24.37 1.85 0.00	19.92 1.52 0.00	16.96 1.12 -2.68
ROME____115KV_TB2 80656	7.17 0.13 -0.21	6.51 0.12 0.00	6.03 0.13 0.00	7.02 0.16 0.00	7.07 0.16 0.00	11.15 0.26 0.00	14.33 0.40 0.00	17.90 0.46 0.00	16.02 0.35 0.00	15.58 0.28 0.00	14.53 0.19 0.00	13.88 0.09 0.55	11.38 0.03 0.83	13.53 0.05 0.79	15.39 0.07 0.79	13.74 0.05 0.84	15.81 0.04 -0.06	18.52 0.15 0.02	20.00 0.26 0.22	19.33 0.37 -0.02	22.31 0.46 -0.01	22.92 0.42 0.03	18.62 0.28 0.06	13.31 0.19 0.03
ROSETON____1 23587	10.94 0.46 -3.65	6.80 0.41 0.00	6.27 0.37 0.00	7.27 0.41 0.00	7.31 0.40 0.00	11.53 0.64 0.00	14.79 0.85 0.00	18.45 1.01 0.00	16.56 0.87 0.00	16.22 0.92 0.00	15.31 0.97 0.00	15.39 1.05 0.00	14.15 0.94 -1.04	15.36 1.10 0.00	17.37 1.25 0.00	15.66 1.13 0.00	17.96 1.19 -1.06	20.57 1.46 -0.72	21.45 1.50 0.00	20.64 1.37 -0.33	23.86 1.52 -0.50	24.06 1.53 0.00	19.66 1.26 0.00	16.73 0.93 -2.64
ROSETON____2 23588	10.94 0.46 -3.65	6.80 0.41 0.00	6.27 0.37 0.00	7.27 0.41 0.00	7.31 0.40 0.00	11.53 0.64 0.00	14.79 0.85 0.00	18.45 1.01 0.00	16.56 0.87 0.00	16.22 0.92 0.00	15.31 0.97 0.00	15.39 1.05 0.00	14.15 0.94 -1.04	15.36 1.10 0.00	17.37 1.25 0.00	15.66 1.13 0.00	17.96 1.19 -1.06	20.57 1.46 -0.72	21.45 1.50 0.00	20.64 1.37 -0.33	23.86 1.52 -0.50	24.06 1.53 0.00	19.66 1.26 0.00	16.73 0.93 -2.64
ROTTDAM_115KV_TB3 80664	11.74 0.24 -4.67	6.61 0.21 0.00	6.10 0.19 0.00	7.08 0.22 0.00	7.14 0.23 0.00	11.25 0.36 0.00	14.40 0.47 0.00	17.99 0.55 0.00	16.12 0.44 0.00	15.74 0.44 0.00	14.80 0.45 0.00	14.83 0.49 0.00	13.94 0.43 -1.34	14.75 0.48 0.00	16.67 0.55 0.00	15.03 0.49 0.00	17.65 0.58 -1.36	20.00 0.69 -0.92	20.69 0.73 0.00	20.11 0.74 -0.42	23.36 0.87 -0.64	23.40 0.87 0.00	19.10 0.70 0.00	17.04 0.50 -3.39
RUSSELL____1 23602	6.66 -0.21 -0.04	6.21 -0.18 0.00	5.74 -0.17 0.00	6.64 -0.22 0.00	6.70 -0.21 0.00	10.68 -0.21 0.00	13.83 -0.10 0.00	17.40 -0.03 0.00	15.72 0.05 0.00	15.31 0.01 0.00	14.34 0.00 0.00	14.24 -0.09 0.00	12.20 -0.11 -0.14	14.15 -0.12 0.00	15.83 -0.29 0.00	14.30 -0.23 0.00	15.49 -0.36 -0.14	18.10 -0.39 -0.10	19.58 -0.38 0.00	18.72 -0.27 -0.04	21.64 -0.27 -0.07	22.15 -0.38 0.00	17.99 -0.41 0.01	13.32 -0.20 -0.35
RUSSELL____2 23532	6.66 -0.21 -0.04	6.21 -0.18 0.00	5.74 -0.17 0.00	6.64 -0.22 0.00	6.70 -0.21 0.00	10.68 -0.21 0.00	13.83 -0.10 0.00	17.40 -0.03 0.00	15.72 0.05 0.00	15.31 0.01 0.00	14.34 0.00 0.00	14.24 -0.09 0.00	12.20 -0.11 -0.14	14.15 -0.12 0.00	15.83 -0.29 0.00	14.30 -0.23 0.00	15.49 -0.36 -0.14	18.10 -0.39 -0.10	19.58 -0.38 0.00	18.72 -0.27 -0.04	21.64 -0.27 -0.07	22.15 -0.38 0.00	17.99 -0.41 0.01	13.32 -0.20 -0.35
RUSSELL____3 23549	6.66 -0.21 -0.04	6.21 -0.18 0.00	5.74 -0.17 0.00	6.64 -0.22 0.00	6.70 -0.21 0.00	10.68 -0.21 0.00	13.83 -0.10 0.00	17.40 -0.03 0.00	15.72 0.05 0.00	15.31 0.01 0.00	14.34 0.00 0.00	14.24 -0.09 0.00	12.20 -0.11 -0.14	14.15 -0.12 0.00	15.83 -0.29 0.00	14.30 -0.23 0.00	15.49 -0.36 -0.14	18.10 -0.39 -0.10	19.58 -0.38 0.00	18.72 -0.27 -0.04	21.64 -0.27 -0.07	22.15 -0.38 0.00	17.99 -0.41 0.01	13.32 -0.20 -0.35
RUSSELL____4 23556	6.66 -0.21 -0.04	6.21 -0.18 0.00	5.74 -0.17 0.00	6.64 -0.22 0.00	6.70 -0.21 0.00	10.68 -0.21 0.00	13.83 -0.10 0.00	17.40 -0.03 0.00	15.72 0.05 0.00	15.31 0.01 0.00	14.34 0.00 0.00	14.24 -0.09 0.00	12.20 -0.11 -0.14	14.15 -0.12 0.00	15.83 -0.29 0.00	14.30 -0.23 0.00	15.49 -0.36 -0.14	18.10 -0.39 -0.10	19.58 -0.38 0.00	18.72 -0.27 -0.04	21.64 -0.27 -0.07	22.15 -0.38 0.00	17.99 -0.41 0.01	13.32 -0.20 -0.35

RUSSELL___STATION 23914	6.66 -0.21 -0.04	6.21 -0.18 0.00	5.74 -0.17 0.00	6.64 -0.22 0.00	6.70 -0.21 0.00	10.68 -0.21 0.00	13.83 -0.10 0.00	17.40 -0.03 0.00	15.72 0.05 0.00	15.31 0.01 0.00	14.34 0.00 0.00	14.24 -0.09 0.00	12.20 -0.11 -0.14	14.15 -0.12 0.00	15.83 -0.29 0.00	14.30 -0.23 0.00	15.49 -0.36 -0.14	18.10 -0.39 -0.10	19.58 -0.38 0.00	18.72 -0.27 -0.04	21.64 -0.27 -0.07	22.15 -0.38 0.00	17.99 -0.41 0.01	13.32 -0.20 -0.35
S SALMON___HYD 24043	6.99 -0.15 -0.31	6.25 -0.14 0.00	5.78 -0.12 0.00	6.72 -0.13 0.00	6.78 -0.13 0.00	10.71 -0.17 0.00	13.80 -0.14 0.00	17.24 -0.20 0.00	15.42 -0.26 0.00	15.00 -0.31 0.00	14.05 -0.41 -0.11	12.87 -0.54 0.92	9.87 -0.51 1.79	12.11 -0.60 1.56	13.88 -0.69 1.54	12.23 -0.60 1.70	15.80 -0.73 -0.82	18.25 -0.81 -0.67	19.34 -0.79 -0.17	19.13 -0.63 -0.81	22.02 -0.66 -0.84	22.58 -0.71 -0.76	18.40 -0.60 -0.60	13.10 -0.42 -0.37
S.PERRY___115KV_TB1 80734	7.66 0.01 -0.83	6.41 0.01 0.00	5.93 0.03 0.00	6.88 0.02 0.00	6.95 0.05 0.00	11.13 0.24 0.00	14.84 0.91 0.00	18.58 1.14 0.00	16.20 0.52 0.00	15.62 0.32 0.00	14.60 0.26 0.00	14.47 0.14 0.00	12.41 0.05 -0.19	14.32 0.05 0.00	16.00 -0.12 0.00	14.44 -0.08 0.00	15.64 -0.27 -0.19	43.40 -0.26 -25.28	44.28 -0.23 -24.55	33.42 0.06 -14.41	59.90 0.26 -37.79	59.52 0.12 -36.86	49.71 -0.07 -31.38	28.67 0.00 -15.51
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	6.77 -0.37 -0.31	6.09 -0.30 0.00	5.64 -0.26 0.00	6.51 -0.34 0.00	6.57 -0.34 0.00	10.46 -0.43 0.00	13.54 -0.40 0.00	17.09 -0.36 -0.01	15.57 -0.11 0.00	15.18 -0.13 -0.01	14.21 -0.14 0.00	14.06 -0.28 0.00	12.05 -0.29 -0.18	13.93 -0.34 0.00	15.51 -0.62 -0.02	14.02 -0.52 0.00	15.15 -0.76 -0.19	10.29 -0.87 7.23	11.83 -0.93 7.20	14.00 -0.78 4.16	10.04 -0.84 10.97	10.76 -0.94 10.83	8.28 -0.81 9.31	8.58 -0.41 4.17
SAWYER___23_KV_LOAD 55526	6.77 -0.37 -0.31	6.09 -0.30 0.00	5.64 -0.26 0.00	6.51 -0.34 0.00	6.57 -0.34 0.00	10.46 -0.43 0.00	13.54 -0.40 0.00	17.09 -0.36 -0.01	15.57 -0.11 0.00	15.18 -0.13 -0.01	14.21 -0.14 0.00	14.06 -0.28 0.00	12.05 -0.29 -0.18	13.93 -0.34 0.00	15.51 -0.62 -0.02	14.02 -0.52 0.00	15.15 -0.76 -0.19	10.29 -0.87 7.23	11.83 -0.93 7.20	14.00 -0.78 4.16	10.04 -0.84 10.97	10.76 -0.94 10.83	8.28 -0.81 9.31	8.58 -0.41 4.17
SELKIRK___I 23801	11.38 0.20 -4.35	6.57 0.18 0.00	6.06 0.16 0.00	7.06 0.20 0.00	7.10 0.19 0.00	11.18 0.29 0.00	14.25 0.32 0.00	17.77 0.34 0.00	15.92 0.24 0.00	15.56 0.25 0.00	14.64 0.29 0.00	14.67 0.34 0.00	13.72 0.30 -1.25	14.58 0.31 0.00	16.50 0.38 0.00	14.86 0.33 0.00	17.38 0.40 -1.27	19.68 0.43 -0.86	20.43 0.47 0.00	19.86 0.52 -0.40	23.05 0.61 -0.60	23.13 0.61 0.00	18.89 0.49 0.00	16.72 0.39 -3.16
SELKIRK___II 23799	11.42 0.19 -4.41	6.56 0.17 0.00	6.05 0.14 0.00	7.04 0.18 0.00	7.08 0.17 0.00	11.14 0.25 0.00	14.21 0.28 0.00	17.72 0.29 0.00	15.89 0.21 0.00	15.53 0.23 0.00	14.63 0.29 0.00	14.67 0.34 0.00	13.75 0.31 -1.26	14.60 0.34 0.00	16.51 0.39 0.00	14.88 0.35 0.00	17.39 0.39 -1.28	19.70 0.44 -0.87	20.44 0.48 0.00	19.85 0.50 -0.40	23.03 0.58 -0.61	23.10 0.58 0.00	18.88 0.48 0.00	16.74 0.38 -3.20
SENECA OSWGO___HYD 24041	6.98 -0.20 -0.36	6.21 -0.18 0.00	5.74 -0.16 0.00	6.66 -0.20 0.00	6.72 -0.19 0.00	10.63 -0.26 0.00	13.68 -0.25 0.00	17.14 -0.30 0.00	15.39 -0.29 0.00	14.99 -0.31 0.00	14.05 -0.29 0.00	14.01 -0.32 0.00	11.99 -0.29 -0.10	13.92 -0.34 0.00	15.67 -0.45 0.00	14.15 -0.38 0.00	15.35 -0.46 -0.10	17.95 -0.50 -0.07	19.45 -0.51 0.00	18.53 -0.45 -0.03	21.39 -0.51 -0.05	21.94 -0.58 0.00	17.87 -0.53 0.00	13.06 -0.36 -0.26
SENECA___115KV_TB3 355854	6.91 -0.26 -0.34	6.19 -0.20 0.00	5.73 -0.17 0.00	6.63 -0.23 0.00	6.68 -0.23 0.00	10.64 -0.24 0.00	13.78 -0.15 0.00	17.40 -0.04 0.00	15.84 0.16 0.00	15.44 0.13 -0.01	14.45 0.10 0.00	14.31 -0.03 0.00	12.26 -0.10 -0.18	14.16 -0.11 0.00	15.77 -0.36 -0.01	14.25 -0.28 0.00	15.40 -0.51 -0.19	9.95 -0.57 7.88	11.54 -0.60 7.82	13.95 -0.48 4.52	9.43 -0.50 11.92	10.16 -0.62 11.75	7.83 -0.57 10.00	8.48 -0.25 4.43
SENECA___ENERGY 23797	8.73 -0.10 -2.00	6.28 -0.11 0.00	5.81 -0.09 0.00	6.76 -0.10 0.00	6.81 -0.10 0.00	10.80 -0.08 0.00	14.04 0.11 0.00	17.63 0.19 0.00	15.76 0.08 0.00	15.31 0.00 0.00	14.31 -0.04 0.00	14.25 -0.08 0.00	12.21 -0.11 -0.15	14.13 -0.13 0.00	15.87 -0.24 0.00	14.34 -0.19 0.00	15.56 -0.30 -0.15	19.93 -0.29 -1.83	21.40 -0.25 -1.69	19.82 -0.16 -1.04	24.31 -0.20 -2.66	24.76 -0.30 -2.54	20.23 -0.32 -2.16	14.39 -0.18 -1.41
SHOEMAKER___GT 23640	10.60 0.42 -3.35	6.76 0.37 0.00	6.23 0.32 0.00	7.23 0.37 0.00	7.27 0.37 0.00	11.49 0.60 0.00	14.74 0.81 0.00	18.38 0.94 0.00	16.48 0.80 0.00	16.10 0.80 0.00	15.17 0.82 0.00	15.21 0.88 0.00	13.89 0.76 -0.95	15.17 0.91 0.00	17.14 1.02 0.00	15.47 0.94 0.00	17.67 0.99 -0.97	20.27 1.23 -0.66	21.26 1.30 0.00	20.47 1.23 -0.30	23.69 1.39 -0.46	23.94 1.41 0.00	19.55 1.15 0.00	16.41 0.84 -2.41
SHOEMAKR_138KV_BK 111 55601	10.56 0.41 -3.32	6.76 0.37 0.00	6.23 0.33 0.00	7.23 0.37 0.00	7.27 0.37 0.00	11.48 0.59 0.00	14.73 0.80 0.00	18.37 0.93 0.00	16.48 0.80 0.00	16.11 0.81 0.00	15.17 0.83 0.00	15.22 0.89 0.00	13.89 0.78 -0.94	15.18 0.92 0.00	17.16 1.04 0.00	15.48 0.96 0.00	17.67 1.01 -0.96	20.29 1.25 -0.65	21.27 1.31 0.00	20.47 1.23 -0.30	23.68 1.39 -0.45	23.92 1.40 0.00	19.54 1.14 0.00	16.39 0.84 -2.39
SHOREHAM_IC_1 23715	11.18 0.66 -3.68	6.97 0.58 0.00	6.44 0.53 0.00	7.49 0.63 0.00	7.51 0.60 0.00	11.78 0.90 0.00	15.17 1.23 0.00	18.88 1.44 0.00	16.81 1.13 0.00	16.39 1.09 0.00	15.42 1.07 0.00	15.29 0.96 0.00	14.23 1.00 -1.06	15.50 1.24 0.00	17.65 1.53 0.00	23.39 1.44 -7.42	27.02 1.55 -9.77	27.33 1.94 -7.01	21.94 1.98 0.00	20.82 1.54 -0.34	24.10 1.75 -0.51	24.33 1.80 0.00	19.87 1.47 0.00	16.94 1.10 -2.68
SHOREHAM_IC_2 23716	11.18 0.66 -3.68	6.97 0.58 0.00	6.44 0.53 0.00	7.49 0.63 0.00	7.51 0.60 0.00	11.78 0.90 0.00	15.17 1.23 0.00	18.88 1.44 0.00	16.81 1.13 0.00	16.39 1.09 0.00	15.42 1.07 0.00	15.29 0.96 0.00	14.23 1.00 -1.06	15.50 1.24 0.00	17.65 1.53 0.00	23.39 1.44 -7.42	27.02 1.55 -9.77	27.33 1.94 -7.01	21.94 1.98 0.00	20.82 1.54 -0.34	24.10 1.75 -0.51	24.33 1.80 0.00	19.87 1.47 0.00	16.94 1.10 -2.68
SISSONVILLE___ 23735	6.54 -0.28 0.00	6.15 -0.24 0.00	5.70 -0.21 0.00	6.63 -0.23 0.00	6.66 -0.24 0.00	10.48 -0.41 0.00	13.31 -0.62 0.00	16.66 -0.78 0.00	14.99 -0.69 0.00	14.59 -0.72 0.00	14.50 -0.84 -1.00	3.16 -0.94 10.23	-8.77 -0.83 20.11	-3.51 -0.95 16.82	-1.53 -0.95 16.69	-4.60 -0.87 18.25	21.40 -0.87 -6.56	22.69 -1.03 -5.34	19.63 -1.07 -0.75	25.03 -1.02 -7.10	27.85 -1.14 -7.15	28.21 -1.11 -6.79	22.90 -0.77 -5.27	13.16 -0.60 -0.60

SITHE_IND_GS1 24169	6.88 -0.25 -0.31	6.16 -0.23 0.00	5.69 -0.22 0.00	6.60 -0.26 0.00	6.66 -0.25 0.00	10.51 -0.37 0.00	13.53 -0.40 0.00	16.95 -0.49 0.00	15.23 -0.45 0.00	14.85 -0.46 0.00	13.91 -0.43 0.00	13.88 -0.46 0.00	11.86 -0.40 -0.09	13.79 -0.47 0.00	15.54 -0.58 0.00	14.03 -0.51 0.00	15.21 -0.59 -0.09	17.79 -0.66 -0.06	19.26 -0.70 0.00	18.34 -0.63 -0.03	21.17 -0.72 -0.04	21.74 -0.79 0.00	17.72 -0.68 0.00	12.91 -0.46 -0.22
SITHE_IND_GS2 24170	6.88 -0.25 -0.31	6.16 -0.23 0.00	5.69 -0.22 0.00	6.60 -0.26 0.00	6.66 -0.25 0.00	10.51 -0.37 0.00	13.53 -0.40 0.00	16.95 -0.49 0.00	15.23 -0.45 0.00	14.85 -0.46 0.00	13.91 -0.43 0.00	13.88 -0.46 0.00	11.86 -0.40 -0.09	13.79 -0.47 0.00	15.54 -0.58 0.00	14.03 -0.51 0.00	15.21 -0.59 -0.09	17.79 -0.66 -0.06	19.26 -0.70 0.00	18.34 -0.63 -0.03	21.17 -0.72 -0.04	21.74 -0.79 0.00	17.72 -0.68 0.00	12.91 -0.46 -0.22
SITHE_IND_GS3 24171	6.88 -0.25 -0.31	6.16 -0.23 0.00	5.69 -0.22 0.00	6.60 -0.26 0.00	6.66 -0.25 0.00	10.51 -0.37 0.00	13.53 -0.40 0.00	16.95 -0.49 0.00	15.23 -0.45 0.00	14.85 -0.46 0.00	13.91 -0.43 0.00	13.88 -0.46 0.00	11.86 -0.40 -0.09	13.79 -0.47 0.00	15.54 -0.58 0.00	14.03 -0.51 0.00	15.21 -0.59 -0.09	17.79 -0.66 -0.06	19.26 -0.70 0.00	18.34 -0.63 -0.03	21.17 -0.72 -0.04	21.74 -0.79 0.00	17.72 -0.68 0.00	12.91 -0.46 -0.22
SITHE_IND_GS4 24172	6.88 -0.25 -0.31	6.16 -0.23 0.00	5.69 -0.22 0.00	6.60 -0.26 0.00	6.66 -0.25 0.00	10.51 -0.37 0.00	13.53 -0.40 0.00	16.95 -0.49 0.00	15.23 -0.45 0.00	14.85 -0.46 0.00	13.91 -0.43 0.00	13.88 -0.46 0.00	11.86 -0.40 -0.09	13.79 -0.47 0.00	15.54 -0.58 0.00	14.03 -0.51 0.00	15.21 -0.59 -0.09	17.79 -0.66 -0.06	19.26 -0.70 0.00	18.34 -0.63 -0.03	21.17 -0.72 -0.04	21.74 -0.79 0.00	17.72 -0.68 0.00	12.91 -0.46 -0.22
SITHE___BATAVIA 24024	6.74 -0.25 -0.16	6.19 -0.20 0.00	5.73 -0.18 0.00	6.63 -0.23 0.00	6.68 -0.22 0.00	10.65 -0.23 0.00	14.17 0.23 0.00	17.88 0.45 0.00	16.14 0.46 0.00	15.65 0.35 0.00	14.62 0.27 0.00	14.50 0.16 0.00	12.42 0.11 0.13	14.40 0.13 0.00	16.10 -0.02 0.00	14.53 0.00 0.00	15.74 -0.11 -0.14	19.83 -0.01 -1.45	20.07 0.11 0.00	19.27 0.28 -0.04	22.35 0.44 -0.07	22.69 0.17 0.00	18.40 0.00 0.00	13.57 0.05 -0.36
SITHE___INDEPEND 23800	6.88 -0.25 -0.31	6.16 -0.24 0.00	5.69 -0.22 0.00	6.60 -0.26 0.00	6.66 -0.25 0.00	10.52 -0.37 0.00	13.53 -0.40 0.00	16.95 -0.49 0.00	15.23 -0.45 0.00	14.85 -0.46 0.00	13.91 -0.43 0.00	13.87 -0.46 0.00	11.85 -0.41 -0.09	13.79 -0.48 0.00	15.54 -0.58 0.00	14.02 -0.51 0.00	15.21 -0.59 -0.09	17.78 -0.67 -0.06	19.26 -0.70 0.00	18.34 -0.63 -0.03	21.16 -0.72 -0.04	21.74 -0.79 0.00	17.72 -0.69 0.00	12.91 -0.46 -0.22
SITHE___MASSENA 23902	6.71 -0.12 0.00	6.30 -0.09 0.00	5.83 -0.08 0.00	6.77 -0.09 0.00	6.81 -0.09 0.00	10.71 -0.17 0.00	13.61 -0.32 0.00	17.05 -0.38 0.00	15.38 -0.30 0.00	15.00 -0.31 0.00	14.34 -0.38 -0.37	-0.80 -0.42 14.71	-13.41 -0.37 25.21	-8.14 -0.42 21.99	-6.37 -0.38 22.10	-9.37 -0.36 23.54	17.84 -0.32 -2.45	18.83 -0.41 -0.85	15.36 -0.43 4.17	21.16 -0.43 -2.65	23.72 -0.49 -2.36	23.96 -0.46 -1.89	18.84 -0.33 -0.77	9.36 -0.27 3.53
SITHE___OGDNSBRG 24021	6.71 -0.12 0.00	6.30 -0.09 0.00	5.83 -0.07 0.00	6.79 -0.07 0.00	6.82 -0.08 0.00	10.73 -0.15 0.00	13.63 -0.30 0.00	17.07 -0.37 0.00	15.36 -0.31 0.00	14.95 -0.35 0.00	14.66 -0.44 -0.76	1.85 -0.51 11.97	-10.38 -0.46 22.09	-5.07 -0.50 18.83	-3.12 -0.44 18.79	-6.18 -0.41 20.31	20.31 -0.37 -4.97	21.55 -0.43 -3.59	18.37 -0.42 1.16	23.90 -0.41 -5.38	26.68 -0.45 -5.29	26.99 -0.42 -4.89	21.64 -0.28 -3.52	11.90 -0.26 1.00
SITHE___STERLING 23777	7.16 0.09 -0.25	6.47 0.08 0.00	5.99 0.09 0.00	6.97 0.11 0.00	7.02 0.12 0.00	11.07 0.19 0.00	14.25 0.31 0.00	17.81 0.37 0.00	15.95 0.27 0.00	15.51 0.21 0.00	14.50 0.16 0.00	14.43 0.10 0.00	12.30 0.06 -0.07	14.34 0.07 0.00	16.19 0.07 0.00	14.60 0.07 0.00	15.83 0.05 -0.07	18.56 0.12 -0.05	20.16 0.20 0.00	19.26 0.29 -0.02	22.24 0.36 -0.03	22.84 0.31 0.00	18.61 0.21 0.00	13.48 0.14 -0.18
SLEIGHT__34_KV_TB1 80719	7.29 -0.02 -0.49	6.36 -0.03 0.00	5.88 -0.03 0.00	6.84 -0.02 0.00	6.89 -0.02 0.00	10.95 0.06 0.00	14.19 0.26 0.00	17.80 0.37 0.00	15.95 0.27 0.00	15.50 0.20 0.00	14.50 0.16 0.00	14.44 0.11 0.00	12.37 0.06 -0.14	14.34 0.08 0.00	16.11 -0.01 0.00	14.54 0.01 0.00	15.80 -0.06 -0.14	18.48 0.00 -0.10	20.02 0.07 0.00	19.11 0.12 -0.04	22.07 0.16 -0.07	22.58 0.05 0.00	18.34 -0.06 0.00	13.50 -0.01 -0.35
SOUTH CAIRO___GT 23612	11.32 0.31 -4.18	6.69 0.29 0.00	6.15 0.25 0.00	7.17 0.31 0.00	7.22 0.31 0.00	11.40 0.52 0.00	14.54 0.60 0.00	18.12 0.68 0.00	16.14 0.46 0.00	15.68 0.38 0.00	14.73 0.38 0.00	14.72 0.38 0.00	13.71 0.34 -1.20	14.64 0.37 0.00	16.57 0.45 0.00	14.94 0.41 0.00	17.45 0.53 -1.22	19.77 0.56 -0.83	20.79 0.83 0.00	20.29 0.97 -0.38	23.64 1.21 -0.57	23.73 1.20 0.00	19.32 0.92 0.00	16.87 0.68 -3.04
SOUTH HAMPTN___IC 23720	11.32 0.81 -3.68	7.10 0.71 0.00	6.55 0.65 0.00	7.62 0.76 0.00	7.65 0.74 0.00	12.04 1.15 0.00	15.50 1.56 0.00	19.29 1.85 0.00	17.19 1.51 0.00	16.76 1.45 0.00	15.76 1.42 0.00	15.64 1.30 0.00	14.51 1.28 -1.06	15.83 1.57 0.00	18.02 1.91 0.00	23.74 1.79 -7.42	27.39 1.92 -9.77	27.80 2.40 -7.01	22.44 2.48 0.00	21.30 2.03 -0.34	24.67 2.31 -0.51	24.87 2.35 0.00	20.30 1.90 0.00	17.24 1.40 -2.68
SOUTHDOW_115KV_TB1 355954	7.43 0.11 -0.49	6.54 0.14 0.00	6.06 0.15 0.00	7.03 0.17 0.00	7.11 0.20 0.00	11.38 0.49 0.00	14.92 0.99 0.00	18.78 1.34 0.00	16.93 1.25 0.00	16.49 1.18 -0.01	15.40 1.06 0.00	15.29 0.95 0.00	13.08 0.71 -0.20	15.12 0.86 0.00	16.83 0.70 -0.01	15.21 0.67 0.00	16.09 0.18 -0.20	14.26 0.24 4.37	15.82 0.27 4.41	16.71 0.28 2.51	15.44 0.26 6.67	15.94 0.03 6.62	12.67 -0.08 5.64	10.98 0.11 2.29
SOUTHOLD_69_KV_BK 2 55809	11.41 0.90 -3.68	7.19 0.80 0.00	6.62 0.72 0.00	7.70 0.84 0.00	7.74 0.83 0.00	12.19 1.30 0.00	15.70 1.77 0.00	19.55 2.11 0.00	17.42 1.74 0.00	16.98 1.68 0.00	15.97 1.62 0.00	15.84 1.50 0.00	14.67 1.44 -1.06	16.02 1.75 0.00	18.24 2.12 0.00	23.93 1.98 -7.42	27.62 2.14 -9.77	28.09 2.69 -7.01	22.76 2.80 0.00	21.62 2.34 -0.34	25.02 2.67 -0.51	25.22 2.69 0.00	20.57 2.18 0.00	17.42 1.58 -2.68
SOUTHOLD___IC 23719	11.41 0.90 -3.68	7.18 0.79 0.00	6.62 0.72 0.00	7.70 0.84 0.00	7.73 0.83 0.00	12.19 1.30 0.00	15.70 1.77 0.00	19.55 2.11 0.00	17.42 1.74 0.00	16.98 1.68 0.00	15.97 1.62 0.00	15.84 1.50 0.00	14.67 1.44 -1.06	16.02 1.75 0.00	18.24 2.12 0.00	23.93 1.98 -7.42	27.61 2.13 -9.77	28.09 2.69 -7.01	22.76 2.80 0.00	21.62 2.34 -0.34	25.03 2.67 -0.51	25.24 2.71 0.00	20.57 2.17 0.00	17.42 1.58 -2.68

SPIERFLS_115KV_TB 1 80737	11.56 0.12 -4.62	6.47 0.08 0.00	5.94 0.04 0.00	6.91 0.05 0.00	6.98 0.07 0.00	11.05 0.17 0.00	14.22 0.28 0.00	17.78 0.35 0.00	15.87 0.19 0.00	15.50 0.19 0.00	14.55 0.21 0.00	14.59 0.26 0.00	13.75 0.25 -1.32	14.52 0.25 0.00	16.41 0.30 0.00	14.81 0.28 0.00	17.46 0.41 -1.34	19.81 0.51 -0.91	20.55 0.59 0.00	19.98 0.62 -0.42	23.24 0.76 -0.63	23.27 0.74 0.00	18.96 0.56 0.00	16.88 0.38 -3.35
ST LAWRENCE____ 23600	6.67 -0.16 0.00	6.25 -0.14 0.00	5.78 -0.12 0.00	6.72 -0.14 0.00	6.76 -0.15 0.00	10.64 -0.25 0.00	13.54 -0.39 0.00	16.95 -0.49 0.00	15.29 -0.39 0.00	14.92 -0.39 0.00	13.91 -0.44 0.00	-2.72 -0.47 16.58	-15.18 -0.40 26.95	-10.11 -0.46 23.92	-8.47 -0.43 24.16	-11.34 -0.40 25.47	15.34 -0.37 0.00	16.17 -0.47 1.75	12.67 -0.51 6.78	18.43 -0.51 0.00	20.78 -0.59 0.47	20.98 -0.57 0.98	16.14 -0.43 1.82	7.11 -0.34 5.71
STATE_CA_115KV_115_LB 55624	11.48 0.18 -4.47	6.55 0.16 0.00	6.05 0.14 0.00	7.05 0.18 0.00	7.08 0.17 0.00	11.13 0.25 0.00	14.18 0.24 0.00	17.68 0.25 0.00	15.84 0.16 0.00	15.50 0.19 0.00	14.61 0.26 0.00	14.66 0.32 0.00	13.76 0.30 -1.28	14.58 0.31 0.00	16.50 0.38 0.00	14.86 0.33 0.00	17.40 0.39 -1.30	19.71 0.44 -0.89	20.42 0.46 0.00	19.85 0.50 -0.41	23.02 0.56 -0.61	23.08 0.56 0.00	18.86 0.46 0.00	16.78 0.37 -3.25
STATE_ST_34_KV_LOAD 55959	8.02 0.05 -1.14	6.41 0.02 0.00	5.90 -0.01 0.00	6.87 0.01 0.00	6.92 0.01 0.00	11.03 0.15 0.00	14.29 0.36 0.00	17.87 0.43 0.00	15.96 0.28 0.00	15.52 0.21 0.00	14.51 0.17 0.00	14.46 0.12 0.00	12.40 0.08 -0.15	14.37 0.10 0.00	16.16 0.05 0.00	14.60 0.07 0.00	15.87 0.02 -0.15	19.55 0.08 -1.08	21.07 0.15 -0.96	19.74 0.19 -0.61	23.60 0.21 -1.54	24.09 0.13 -1.44	19.67 0.05 -1.22	14.18 0.06 -0.96
STATION 5_MISC_HYD 23604	6.63 -0.24 -0.04	6.19 -0.21 0.00	5.71 -0.19 0.00	6.61 -0.24 0.00	6.67 -0.23 0.00	10.63 -0.26 0.00	13.77 -0.17 0.00	17.32 -0.12 0.00	15.65 -0.03 0.00	15.24 -0.06 0.00	14.27 -0.07 0.00	14.18 -0.16 0.00	12.15 -0.16 -0.14	14.08 -0.19 0.00	15.76 -0.36 0.00	14.24 -0.29 0.00	15.42 -0.43 -0.14	19.39 -0.46 -1.45	19.48 -0.48 0.00	18.62 -0.36 -0.04	21.55 -0.36 -0.07	22.04 -0.48 0.00	17.91 -0.48 0.01	13.25 -0.26 -0.35
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	6.08 -0.15 0.60	6.26 -0.13 0.00	5.79 -0.11 0.00	6.72 -0.14 0.00	6.77 -0.13 0.00	10.76 -0.13 0.00	13.95 0.02 0.00	17.54 0.11 0.00	15.78 0.10 0.00	15.35 0.04 0.00	14.35 0.01 0.00	14.27 -0.07 0.00	12.22 -0.09 -0.14	14.16 -0.11 0.00	15.87 -0.24 0.00	14.34 -0.19 0.00	15.56 -0.29 -0.14	18.18 -0.30 -0.10	19.70 -0.26 0.00	18.83 -0.16 -0.04	21.74 -0.17 -0.07	22.24 -0.28 0.00	18.07 -0.33 0.00	13.34 -0.17 -0.36
STA_56_34_KV_BUS2_REV_LBMP_B 345033	6.48 -0.27 0.08	6.16 -0.23 0.00	5.69 -0.21 0.00	6.59 -0.27 0.00	6.65 -0.26 0.00	10.58 -0.31 0.00	13.70 -0.24 0.00	17.23 -0.21 0.00	15.57 -0.11 0.00	15.16 -0.14 0.00	14.20 -0.15 0.00	14.10 -0.23 0.00	12.08 -0.23 -0.14	14.00 -0.26 0.00	15.67 -0.44 0.00	14.16 -0.37 0.00	15.35 -0.50 -0.14	17.92 -0.56 -0.10	19.39 -0.57 0.00	18.53 -0.45 -0.04	21.41 -0.50 -0.07	21.93 -0.60 0.00	17.81 -0.59 0.01	13.18 -0.33 -0.35
STA_56____34_KV_BUS2 355983	6.48 -0.27 0.08	6.16 -0.23 0.00	5.69 -0.21 0.00	6.59 -0.27 0.00	6.65 -0.26 0.00	10.58 -0.31 0.00	13.70 -0.24 0.00	17.23 -0.21 0.00	15.57 -0.11 0.00	15.16 -0.14 0.00	14.20 -0.15 0.00	14.10 -0.23 0.00	12.08 -0.23 -0.14	14.00 -0.26 0.00	15.67 -0.44 0.00	14.16 -0.37 0.00	15.35 -0.50 -0.14	17.92 -0.56 -0.10	19.39 -0.57 0.00	18.53 -0.45 -0.04	21.41 -0.50 -0.07	21.93 -0.60 0.00	17.81 -0.59 0.01	13.18 -0.33 -0.35
STA_67____115KV_BK2 355882	6.61 -0.25 -0.04	6.17 -0.22 0.00	5.71 -0.20 0.00	6.61 -0.26 0.00	6.66 -0.25 0.00	10.61 -0.28 0.00	13.73 -0.20 0.00	17.28 -0.16 0.00	15.62 -0.06 0.00	15.21 -0.09 0.00	14.24 -0.10 0.00	14.14 -0.19 0.00	12.11 -0.20 -0.14	14.04 -0.22 0.00	15.71 -0.41 0.00	14.19 -0.34 0.00	15.38 -0.48 -0.14	17.95 -0.53 -0.10	19.41 -0.55 0.00	18.56 -0.43 -0.04	21.46 -0.45 -0.07	21.97 -0.56 0.00	17.85 -0.54 0.01	13.22 -0.29 -0.35
STA_7____115KV_9TRANS 80674	6.66 -0.21 -0.04	6.21 -0.18 0.00	5.74 -0.17 0.00	6.64 -0.22 0.00	6.70 -0.21 0.00	10.68 -0.21 0.00	13.83 -0.10 0.00	17.40 -0.03 0.00	15.72 0.05 0.00	15.31 0.01 0.00	14.34 0.00 0.00	14.24 -0.09 0.00	12.20 -0.11 -0.14	14.15 -0.12 0.00	15.83 -0.29 0.00	14.30 -0.23 0.00	15.49 -0.36 -0.14	18.10 -0.39 -0.10	19.58 -0.38 0.00	18.72 -0.27 -0.04	21.64 -0.27 -0.07	22.15 -0.38 0.00	17.99 -0.41 0.01	13.32 -0.20 -0.35
STA_82____115KV_TB1 80780	6.61 -0.25 -0.03	6.18 -0.21 0.00	5.71 -0.20 0.00	6.61 -0.25 0.00	6.67 -0.25 0.00	10.61 -0.28 0.00	13.74 -0.19 0.00	17.29 -0.15 0.00	15.62 -0.06 0.00	15.21 -0.09 0.00	14.25 -0.10 0.00	14.15 -0.18 0.00	12.12 -0.19 -0.14	14.04 -0.22 0.00	15.72 -0.40 0.00	14.19 -0.34 0.00	15.38 -0.47 -0.14	17.96 -0.52 -0.10	19.42 -0.54 0.00	18.58 -0.41 -0.04	21.47 -0.44 -0.07	21.99 -0.54 0.00	17.87 -0.53 0.00	13.23 -0.28 -0.36
STEEL____WIND 323596	6.90 -0.27 -0.34	6.18 -0.21 0.00	5.73 -0.17 0.00	6.63 -0.23 0.00	6.68 -0.23 0.00	10.64 -0.25 0.00	13.77 -0.16 0.00	17.39 -0.05 0.00	15.83 0.15 0.00	15.42 0.11 -0.01	14.43 0.08 0.00	14.30 -0.04 0.00	12.25 -0.10 -0.18	14.15 -0.12 0.00	15.76 -0.37 -0.01	14.25 -0.28 0.00	15.38 -0.52 -0.19	12.58 -0.56 5.25	11.53 -0.61 7.82	13.94 -0.48 4.52	9.42 -0.50 11.92	10.13 -0.64 11.76	7.82 -0.58 10.00	8.46 -0.27 4.43
STEPHTWN_115KV_BK_2 55603	11.46 0.21 -4.42	6.58 0.19 0.00	6.07 0.17 0.00	7.07 0.21 0.00	7.10 0.19 0.00	11.19 0.30 0.00	14.27 0.34 0.00	17.84 0.40 0.00	15.96 0.28 0.00	15.60 0.30 0.00	14.67 0.32 0.00	14.73 0.40 0.00	13.79 0.35 -1.27	14.66 0.39 0.00	16.59 0.47 0.00	14.97 0.44 0.00	17.51 0.52 -1.29	19.84 0.57 -0.88	20.61 0.66 0.00	20.03 0.69 -0.40	23.22 0.77 -0.61	23.29 0.76 0.00	18.99 0.59 0.00	16.85 0.48 -3.21
STEUBEN_REC_LFGE 323667	8.28 0.03 -1.42	6.43 0.04 0.00	5.97 0.06 0.00	6.94 0.08 0.00	7.04 0.13 0.00	11.22 0.33 0.00	14.98 1.05 0.00	18.86 1.42 0.00	16.55 0.87 0.00	15.97 0.66 0.00	14.89 0.54 0.00	14.76 0.43 0.00	12.67 0.26 -0.23	14.55 0.29 0.00	16.22 0.10 0.00	14.63 0.10 0.00	15.82 -0.13 -0.24	34.71 -0.11 -16.43	35.79 -0.06 -15.89	28.34 0.02 -9.37	46.32 -0.06 -24.53	46.01 -0.39 -23.87	38.12 -0.59 -20.31	23.10 -0.36 -10.30
STONY____BROOK 24151	11.27 0.75 -3.68	7.06 0.66 0.00	6.50 0.59 0.00	7.54 0.68 0.00	7.58 0.67 0.00	11.93 1.04 0.00	15.34 1.40 0.00	19.08 1.64 0.00	17.00 1.32 0.00	16.59 1.29 0.00	15.61 1.27 0.00	15.53 1.19 0.00	14.45 1.22 -1.06	15.77 1.50 0.00	17.95 1.83 0.00	23.66 1.71 -7.42	27.29 1.82 -9.77	27.63 2.23 -7.01	22.24 2.28 0.00	21.13 1.85 -0.34	24.46 2.10 -0.51	24.69 2.16 0.00	20.18 1.79 0.00	17.18 1.34 -2.68

STURGEON_POOL_HYD 23609	11.06 0.57 -3.66	6.90 0.50 0.00	6.37 0.47 0.00	7.38 0.52 0.00	7.42 0.51 0.00	11.68 0.80 0.00	15.04 1.11 0.00	18.76 1.33 0.00	16.85 1.17 0.00	16.52 1.21 0.00	15.61 1.27 0.00	15.70 1.36 0.00	14.42 1.19 -1.04	15.70 1.44 0.00	17.74 1.63 0.00	16.02 1.49 0.00	18.31 1.54 -1.06	21.07 1.96 -0.72	21.96 2.01 0.00	21.06 1.79 -0.33	24.32 1.97 -0.50	24.53 2.00 0.00	20.04 1.64 0.00	16.98 1.17 -2.65
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	10.72 0.46 -3.44	6.80 0.41 0.00	6.27 0.37 0.00	7.27 0.41 0.00	7.32 0.41 0.00	11.53 0.64 0.00	14.81 0.87 0.00	18.53 1.09 0.00	16.62 0.94 0.00	16.26 0.96 0.00	15.34 0.99 0.00	15.40 1.07 0.00	14.10 0.95 -0.98	15.38 1.12 0.00	17.40 1.28 0.00	15.69 1.16 0.00	17.94 1.24 -1.00	20.60 1.53 -0.68	21.56 1.60 0.00	20.72 1.47 -0.31	23.95 1.64 -0.47	24.18 1.65 0.00	19.74 1.34 0.00	16.62 0.97 -2.49
SWANROAD_115KV_TB1 355699	6.55 -0.54 -0.26	5.93 -0.46 0.00	5.49 -0.41 0.00	6.35 -0.51 0.00	6.39 -0.52 0.00	10.16 -0.72 0.00	13.15 -0.79 0.00	16.59 -0.85 0.00	15.13 -0.55 0.00	14.73 -0.57 0.00	13.81 -0.54 0.00	13.64 -0.70 0.00	11.70 -0.64 -0.17	13.51 -0.75 0.00	15.02 -1.10 0.00	13.58 -0.95 0.00	14.67 -1.21 -0.17	10.98 -1.41 6.00	12.44 -1.55 5.97	14.18 -1.33 3.43	11.29 -1.47 9.08	12.04 -1.52 8.96	9.82 -1.11 7.47	9.34 -0.59 3.24
SYNERGY___BIOGAS 323694	6.74 -0.25 -0.16	6.19 -0.20 0.00	5.73 -0.18 0.00	6.63 -0.23 0.00	6.68 -0.22 0.00	10.65 -0.23 0.00	14.17 0.23 0.00	17.88 0.45 0.00	16.14 0.46 0.00	15.65 0.35 0.00	14.62 0.27 0.00	14.50 0.16 0.00	12.42 0.11 -0.14	14.40 0.13 0.00	16.10 -0.02 0.00	14.53 0.00 0.00	15.74 -0.11 -0.14	19.83 -0.01 -1.45	20.07 0.11 0.00	19.27 0.28 -0.04	22.35 0.44 -0.07	22.69 0.17 0.00	18.40 0.00 0.00	13.57 0.05 -0.36
SYRACUSE___ENERGY_ST1 323597	7.37 -0.08 -0.63	6.31 -0.08 0.00	5.83 -0.07 0.00	6.77 -0.09 0.00	6.83 -0.08 0.00	10.80 -0.09 0.00	13.92 -0.02 0.00	17.43 -0.01 0.00	15.63 -0.05 0.00	15.23 -0.07 0.00	14.27 -0.08 0.00	14.23 -0.10 0.00	12.19 -0.11 -0.12	14.15 -0.11 0.00	15.94 -0.18 0.00	14.38 -0.15 0.00	15.63 -0.21 -0.12	18.27 -0.20 -0.08	19.77 -0.18 0.00	18.83 -0.15 -0.04	21.74 -0.16 -0.06	22.29 -0.24 0.00	18.15 -0.25 0.00	13.31 -0.16 -0.31
SYRACUSE___ENERGY_ST2 323598	7.37 -0.08 -0.63	6.31 -0.08 0.00	5.83 -0.07 0.00	6.77 -0.09 0.00	6.83 -0.08 0.00	10.80 -0.09 0.00	13.92 -0.02 0.00	17.43 -0.01 0.00	15.63 -0.05 0.00	15.23 -0.07 0.00	14.27 -0.08 0.00	14.23 -0.10 0.00	12.19 -0.11 -0.12	14.15 -0.11 0.00	15.94 -0.18 0.00	14.38 -0.15 0.00	15.63 -0.21 -0.12	18.27 -0.20 -0.08	19.77 -0.18 0.00	18.83 -0.15 -0.04	21.74 -0.16 -0.06	22.29 -0.24 0.00	18.15 -0.25 0.00	13.31 -0.16 -0.31
SYRACUSE___POWER 24017	7.29 -0.08 -0.55	6.31 -0.08 0.00	5.83 -0.07 0.00	6.77 -0.09 0.00	6.83 -0.08 0.00	10.80 -0.09 0.00	13.91 -0.02 0.00	17.43 -0.01 0.00	15.66 -0.02 0.00	15.25 -0.05 0.00	14.29 -0.05 0.00	14.25 -0.08 0.00	12.21 -0.09 -0.12	14.17 -0.10 0.00	15.96 -0.16 0.00	14.41 -0.12 0.00	15.65 -0.19 -0.13	18.29 -0.18 -0.09	19.81 -0.15 0.00	18.87 -0.11 -0.04	21.78 -0.12 -0.06	22.33 -0.19 0.00	18.19 -0.21 0.00	13.35 -0.13 -0.32
TALLMAN__138KV_BK151 55660	10.88 0.51 -3.55	6.84 0.45 0.00	6.31 0.41 0.00	7.32 0.46 0.00	7.36 0.45 0.00	11.60 0.71 0.00	14.89 0.96 0.00	18.61 1.17 0.00	16.70 1.02 0.00	16.36 1.06 0.00	15.46 1.12 0.00	15.55 1.22 0.00	14.28 1.09 -1.02	15.55 1.28 0.00	17.58 1.47 0.00	15.85 1.32 0.00	18.13 1.38 -1.04	20.80 1.70 -0.71	21.70 1.75 0.00	20.82 1.56 -0.32	24.05 1.72 -0.49	24.26 1.73 0.00	19.83 1.43 0.00	16.79 1.04 -2.59
TEALLAVE_115KV_TB7 355573	7.08 -0.12 -0.38	6.27 -0.12 0.00	5.80 -0.10 0.00	6.73 -0.13 0.00	6.79 -0.12 0.00	10.73 -0.15 0.00	13.83 -0.10 0.00	17.32 -0.11 0.00	15.57 -0.11 0.00	15.17 -0.13 0.00	14.22 -0.12 0.00	14.18 -0.15 0.00	12.14 -0.15 -0.11	14.10 -0.16 0.00	15.88 -0.24 0.00	14.34 -0.19 0.00	15.56 -0.26 -0.11	18.18 -0.28 -0.07	19.68 -0.27 0.00	18.75 -0.23 -0.03	21.64 -0.26 -0.05	22.20 -0.33 0.00	18.07 -0.32 0.00	13.22 -0.21 -0.27
TELGRAPH_34_KV_EAST 80808	6.66 -0.37 -0.20	6.08 -0.32 0.00	5.63 -0.27 0.00	6.51 -0.35 0.00	6.56 -0.35 0.00	10.44 -0.45 0.00	13.49 -0.45 0.00	17.02 -0.42 0.00	15.48 -0.20 0.00	15.05 -0.25 0.00	14.10 -0.25 0.00	13.95 -0.39 0.00	11.95 -0.39 -0.16	13.81 -0.46 0.00	15.35 -0.76 0.00	13.88 -0.65 0.00	15.00 -0.88 -0.17	12.14 -0.99 5.26	13.65 -1.07 5.24	15.07 -0.86 3.01	12.97 -0.92 7.96	13.71 -0.96 7.85	11.10 -0.70 6.59	10.03 -0.33 2.80
TEMPLE___115KV_TB 2 55572	7.09 -0.12 -0.38	6.28 -0.11 0.00	5.80 -0.10 0.00	6.74 -0.12 0.00	6.79 -0.12 0.00	10.74 -0.14 0.00	13.84 -0.10 0.00	17.34 -0.09 0.00	15.58 -0.10 0.00	15.19 -0.11 0.00	14.24 -0.11 0.00	14.20 -0.14 0.00	12.15 -0.13 -0.11	14.11 -0.15 0.00	15.90 -0.22 0.00	14.35 -0.18 0.00	15.57 -0.25 -0.11	18.21 -0.26 -0.08	19.71 -0.25 0.00	18.77 -0.21 -0.03	21.66 -0.24 -0.05	22.22 -0.31 0.00	18.09 -0.31 0.00	13.24 -0.19 -0.27
TIANA____69_KV_BK 1 55817	11.29 0.78 -3.68	7.08 0.69 0.00	6.53 0.62 0.00	7.59 0.73 0.00	7.62 0.71 0.00	11.98 1.09 0.00	15.43 1.49 0.00	19.20 1.76 0.00	17.10 1.42 0.00	16.68 1.38 0.00	15.69 1.35 0.00	15.56 1.23 0.00	14.45 1.22 -1.06	15.76 1.50 0.00	17.94 1.83 0.00	23.67 1.71 -7.42	27.32 1.84 -9.77	27.70 2.30 -7.01	22.34 2.38 0.00	21.20 1.93 -0.34	24.54 2.19 -0.51	24.75 2.22 0.00	20.21 1.82 0.00	17.18 1.34 -2.68
TILDEN___115KV_TB1 80814	7.29 -0.08 -0.55	6.31 -0.08 0.00	5.83 -0.07 0.00	6.77 -0.09 0.00	6.83 -0.08 0.00	10.80 -0.09 0.00	13.91 -0.02 0.00	17.43 -0.01 0.00	15.66 -0.02 0.00	15.25 -0.05 0.00	14.29 -0.05 0.00	14.25 -0.08 0.00	12.21 -0.09 -0.12	14.17 -0.10 0.00	15.96 -0.16 0.00	14.41 -0.12 0.00	15.65 -0.19 -0.13	18.29 -0.99 -0.09	19.81 -1.07 0.00	18.87 -0.86 -0.04	21.78 -0.92 -0.06	22.33 -0.19 0.00	18.19 -0.21 0.00	13.35 -0.13 -0.32
TRIGEN___CC 323695	11.14 0.63 -3.68	6.96 0.57 0.00	6.42 0.51 0.00	7.44 0.58 0.00	7.48 0.57 0.00	11.75 0.87 0.00	15.10 1.16 0.00	18.83 1.39 0.00	16.87 1.19 0.00	16.55 1.24 0.00	15.61 1.27 0.00	15.61 1.27 0.00	14.43 1.20 -1.06	15.70 1.44 0.00	17.83 1.71 0.00	23.53 1.57 -7.42	27.11 1.64 -9.77	27.38 1.98 -7.01	21.97 2.01 0.00	20.97 1.69 -0.34	24.25 1.90 -0.51	24.48 1.95 0.00	20.01 1.62 0.00	17.06 1.22 -2.68
TRINITY__115KV__ 4 BK 55933	11.42 0.16 -4.43	6.54 0.14 0.00	6.03 0.12 0.00	7.03 0.16 0.00	7.06 0.15 0.00	11.10 0.21 0.00	14.13 0.20 0.00	17.62 0.18 0.00	15.79 0.10 0.00	15.44 0.13 0.00	14.56 0.21 0.00	14.61 0.28 0.00	13.70 0.26 -1.27	14.53 0.26 0.00	16.44 0.32 0.00	14.80 0.27 0.00	17.32 0.32 -1.29	19.62 0.35 -0.88	20.33 0.38 0.00	19.77 0.42 -0.40	22.93 0.48 -0.61	23.00 0.47 0.00	18.80 0.40 0.00	16.71 0.33 -3.22

UNION___PROCESSING_DRP 323587	6.61 -0.25 -0.03	6.18 -0.21 0.00	5.71 -0.20 0.00	6.61 -0.25 0.00	6.67 -0.25 0.00	10.61 -0.27 0.00	13.75 -0.18 0.00	17.30 -0.14 0.00	15.63 -0.05 0.00	15.22 -0.09 0.00	14.25 -0.09 0.00	14.15 -0.18 0.00	12.13 -0.19 -0.14	14.05 -0.22 0.00	15.72 -0.39 0.00	14.20 -0.33 0.00	15.39 -0.47 -0.14	17.97 -0.52 -0.10	19.43 -0.53 0.00	18.58 -0.41 -0.04	21.49 -0.42 -0.07	21.99 -0.54 0.00	17.88 -0.52 0.00	13.24 -0.28 -0.36
UPPER HUDSON___HYD 24058	11.56 0.12 -4.62	6.47 0.08 0.00	5.95 0.04 0.00	6.91 0.05 0.00	6.98 0.07 0.00	11.06 0.17 0.00	14.21 0.28 0.00	17.78 0.35 0.00	15.87 0.19 0.00	15.49 0.19 0.00	14.56 0.21 0.00	14.59 0.26 0.00	13.75 0.25 -1.32	14.52 0.26 0.00	16.42 0.30 0.00	14.82 0.28 0.00	17.46 0.41 -1.34	19.81 0.51 -0.91	20.55 0.59 0.00	19.98 0.62 -0.42	23.24 0.77 -0.63	23.27 0.75 0.00	18.96 0.57 0.00	16.88 0.38 -3.35
UPPER RAQUET___HYD 24056	6.55 -0.28 0.00	6.15 -0.24 0.00	5.70 -0.21 0.00	6.63 -0.23 0.00	6.66 -0.24 0.00	10.48 -0.41 0.00	13.31 -0.62 0.00	16.66 -0.78 0.00	14.99 -0.69 0.00	14.59 -0.72 0.00	14.50 -0.84 -1.00	3.16 -0.94 10.23	-8.77 -0.83 20.11	-3.51 -0.95 16.82	-1.53 -0.95 16.69	-4.60 -0.88 18.25	21.40 -0.87 -6.56	22.69 -1.03 -5.34	19.63 -1.07 -0.75	25.03 -1.02 -7.10	27.85 -1.15 -7.15	28.20 -1.12 -6.79	22.90 -0.77 -5.27	13.16 -0.60 -0.60
VALLEY44_115KV_TB2 355964	7.42 0.06 -0.53	6.49 0.10 0.00	6.00 0.09 0.00	6.95 0.10 0.00	7.04 0.13 0.00	11.28 0.39 0.00	14.79 0.85 0.00	18.47 1.03 0.00	16.58 0.91 0.00	16.16 0.85 -0.01	15.08 0.73 0.00	14.98 0.65 0.00	12.83 0.45 -0.20	14.84 0.58 0.00	16.55 0.43 -0.01	14.98 0.45 0.00	16.13 0.20 -0.21	15.61 0.33 3.11	17.08 0.30 3.18	17.44 0.30 1.80	17.43 0.37 4.79	18.12 0.38 4.79	14.62 0.28 4.07	12.01 0.35 1.50
VALLEY___115KV_TB 1-4 80826	6.79 -0.04 0.00	6.35 -0.04 0.00	5.89 -0.01 0.00	6.86 0.00 0.00	6.90 0.00 0.00	10.85 -0.03 0.00	13.87 -0.06 0.00	17.30 -0.14 0.00	15.47 -0.21 0.00	15.09 -0.21 0.00	14.19 -0.15 0.00	14.85 -0.18 -0.69	13.08 -0.22 -1.12	14.97 -0.29 -0.99	16.82 -0.31 -1.01	15.29 -0.30 -1.06	15.43 -0.28 0.00	18.16 -0.30 -0.07	19.91 -0.33 -0.28	18.75 -0.19 0.00	21.72 -0.14 -0.02	22.50 -0.07 -0.04	18.41 -0.07 -0.07	13.29 -0.11 -0.24
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	8.77 0.40 -1.55	6.76 0.36 0.00	6.21 0.31 0.00	7.22 0.36 0.00	7.30 0.39 0.00	11.56 0.68 0.00	14.90 0.96 0.00	18.62 1.19 0.00	16.73 1.05 0.00	16.30 1.00 0.00	15.28 0.94 0.00	15.26 0.92 0.00	13.35 0.76 -0.41	15.15 0.88 0.00	17.09 0.97 0.00	15.43 0.90 0.00	17.09 0.96 -0.42	19.86 1.19 -0.29	21.28 1.32 0.00	20.31 1.24 -0.13	23.48 1.43 -0.20	23.94 1.41 0.00	19.51 1.10 -0.01	15.01 0.80 -1.05
VISCHER___FERRY HYD 24020	11.58 0.25 -4.50	6.61 0.21 0.00	6.09 0.18 0.00	7.08 0.22 0.00	7.13 0.22 0.00	11.23 0.35 0.00	14.33 0.40 0.00	17.88 0.45 0.00	16.00 0.32 0.00	15.64 0.34 0.00	14.73 0.38 0.00	14.78 0.45 0.00	13.86 0.40 -1.29	14.69 0.42 0.00	16.61 0.49 0.00	14.93 0.40 0.00	17.52 0.50 -1.31	19.86 0.58 -0.89	20.60 0.64 0.00	20.05 0.70 -0.41	23.28 0.82 -0.62	23.36 0.84 0.00	19.08 0.68 0.00	16.92 0.49 -3.27
V_A_10_SYNC_DSASP 323832	6.64 -0.38 -0.19	6.07 -0.32 0.00	5.62 -0.28 0.00	6.50 -0.36 0.00	6.54 -0.36 0.00	10.41 -0.47 0.00	13.48 -0.46 0.00	16.98 -0.45 0.00	15.43 -0.25 0.00	15.04 -0.26 0.00	14.08 -0.26 0.00	13.96 -0.37 0.00	11.96 -0.37 -0.16	13.84 -0.43 0.00	15.43 -0.68 0.00	13.94 -0.58 0.00	15.08 -0.79 -0.16	13.70 -0.92 3.77	15.17 -1.01 3.78	15.92 -0.86 2.16	15.17 -0.94 5.73	15.82 -1.03 5.67	12.66 -0.89 4.85	10.78 -0.47 1.91
V_CMM_10_SYNC_DSASP 323787	6.69 -0.13 0.00	6.28 -0.11 0.00	5.81 -0.10 0.00	6.75 -0.11 0.00	6.79 -0.12 0.00	10.69 -0.20 0.00	13.60 -0.34 0.00	17.02 -0.41 0.00	15.36 -0.31 0.00	14.99 -0.32 0.00	13.98 -0.37 0.00	-2.65 -0.40 16.58	-15.13 -0.35 26.95	-10.04 -0.39 23.92	-8.41 -0.36 24.16	-11.28 -0.34 25.47	15.41 -0.30 0.00	16.24 -0.40 1.75	12.76 -0.42 6.78	18.51 -0.43 0.00	20.88 -0.49 0.47	21.08 -0.47 0.98	16.22 -0.36 1.82	7.17 -0.29 5.71
V_CMP_10_SYNC_DSASP 323788	6.74 -0.09 0.00	6.36 -0.03 0.00	5.90 -0.01 0.00	6.88 0.02 0.00	6.89 -0.02 0.00	10.91 0.02 0.00	13.98 0.04 0.00	17.41 -0.03 0.00	15.59 -0.09 0.00	15.10 -0.21 0.00	8.21 -0.60 5.53	-18.16 -0.74 31.76	-20.87 -0.64 32.41	-20.92 -0.77 34.42	-21.08 -0.78 36.41	-20.93 -0.70 34.76	-21.22 -0.70 36.23	-21.16 -0.81 38.74	-21.10 -0.86 40.20	-21.16 -0.89 39.21	-21.15 -1.03 41.97	-21.18 -1.02 42.70	-21.16 -0.80 38.76	-21.13 -0.61 33.68
V_E_10_SYNC_DSASP 323830	8.53 0.39 -1.31	6.76 0.37 0.00	6.28 0.37 0.00	7.29 0.43 0.00	7.37 0.46 0.00	11.66 0.77 0.00	15.11 1.18 0.00	18.90 1.46 0.00	16.86 1.19 0.00	16.26 0.96 0.00	15.07 0.73 0.00	14.90 0.56 0.00	12.92 0.43 -0.31	14.75 0.49 0.00	16.63 0.52 0.00	14.99 0.46 0.00	16.52 0.49 -0.32	19.31 0.65 -0.28	22.19 1.01 -1.23	21.01 1.25 -0.82	25.46 1.58 -2.03	25.71 1.34 -1.84	20.89 0.91 -1.58	15.35 0.65 -1.54
V_F_30_NSYNC___DSASP 323816	11.71 0.29 -4.60	6.64 0.24 0.00	6.11 0.20 0.00	7.10 0.24 0.00	7.16 0.25 0.00	11.31 0.42 0.00	14.49 0.56 0.00	18.11 0.67 0.00	16.18 0.50 0.00	15.81 0.50 0.00	14.85 0.51 0.00	14.90 0.57 0.00	13.99 0.49 -1.32	14.82 0.55 0.00	16.75 0.63 0.00	15.10 0.57 0.00	17.74 0.69 -1.33	20.12 0.83 -0.91	20.86 0.91 0.00	20.29 0.93 -0.42	23.58 1.11 -0.63	23.64 1.11 0.00	19.27 0.87 0.00	17.11 0.62 -3.34
V_F_30_SYNC_DSASP 323786	11.48 0.18 -4.46	6.55 0.16 0.00	6.05 0.14 0.00	7.05 0.18 0.00	7.08 0.17 0.00	11.13 0.24 0.00	14.18 0.24 0.00	17.68 0.25 0.00	15.84 0.16 0.00	15.50 0.19 0.00	14.60 0.26 0.00	14.66 0.32 0.00	13.76 0.30 -1.28	14.58 0.31 0.00	16.50 0.38 0.00	14.86 0.33 0.00	17.39 0.38 -1.30	19.71 0.44 -0.88	20.42 0.46 0.00	19.84 0.50 -0.41	23.02 0.56 -0.61	23.08 0.56 0.00	18.86 0.46 0.00	16.77 0.37 -3.24
V_XM_10_SYNC_DSASP 323789	6.74 -0.09 0.00	6.36 -0.03 0.00	5.90 -0.01 0.00	6.88 0.02 0.00	6.89 -0.02 0.00	10.91 0.02 0.00	13.98 0.04 0.00	17.41 -0.03 0.00	15.59 -0.09 0.00	15.10 -0.21 0.00	8.21 -0.60 5.53	-18.16 -0.74 31.76	-20.87 -0.64 32.41	-20.92 -0.77 34.42	-21.08 -0.78 36.41	-20.93 -0.70 34.76	-21.22 -0.70 36.23	-21.16 -0.81 38.74	-21.10 -0.86 40.20	-21.16 -0.89 39.21	-21.15 -1.03 41.97	-21.18 -1.02 42.70	-21.16 -0.80 38.76	-21.13 -0.61 33.68
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	10.94 0.55 -3.56	6.88 0.48 0.00	6.34 0.43 0.00	7.35 0.49 0.00	7.39 0.48 0.00	11.66 0.77 0.00	14.97 1.03 0.00	18.71 1.28 0.00	16.80 1.12 0.00	16.46 1.15 0.00	15.55 1.21 0.00	15.64 1.31 0.00	14.36 1.16 -1.03	15.61 1.34 0.00	17.64 1.52 0.00	15.90 1.37 0.00	18.19 1.44 -1.04	20.87 1.77 -0.71	21.77 1.82 0.00	20.90 1.63 -0.33	24.14 1.80 -0.49	24.35 1.82 0.00	19.89 1.49 0.00	16.86 1.09 -2.61

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	11.08 0.57 -3.68	6.90 0.51 0.00	6.36 0.45 0.00	7.37 0.52 0.00	7.41 0.51 0.00	11.68 0.79 0.00	15.00 1.07 0.00	18.75 1.32 0.00	16.85 1.17 0.00	16.52 1.22 0.00	15.62 1.28 0.00	15.71 1.38 0.00	14.45 1.22 -1.06	15.71 1.45 0.00	17.77 1.65 0.00	16.02 1.49 0.00	18.32 1.53 -1.07	20.99 1.87 -0.73	21.84 1.88 0.00	20.98 1.70 -0.34	24.21 1.86 -0.51	24.43 1.90 0.00	19.99 1.59 0.00	17.01 1.17 -2.68
W50THST__13_KV_LOAD 356117	11.12 0.60 -3.68	6.94 0.55 0.00	6.39 0.49 0.00	7.41 0.55 0.00	7.45 0.54 0.00	11.74 0.85 0.00	15.08 1.15 0.00	18.88 1.44 0.00	16.97 1.30 0.00	16.65 1.35 0.00	15.75 1.41 0.00	15.85 1.52 0.00	14.58 1.35 -1.06	15.87 1.60 0.00	17.93 1.82 0.00	16.17 1.64 0.00	18.48 1.69 -1.07	21.17 2.05 -0.73	22.02 2.07 0.00	21.15 1.88 -0.34	24.43 2.08 -0.51	24.61 2.08 0.00	20.10 1.70 0.00	17.09 1.25 -2.68
WADING RIVER_IC_1 23522	11.17 0.66 -3.68	6.96 0.57 0.00	6.43 0.53 0.00	7.48 0.62 0.00	7.50 0.59 0.00	11.77 0.89 0.00	15.15 1.22 0.00	18.86 1.42 0.00	16.80 1.12 0.00	16.39 1.08 0.00	15.41 1.07 0.00	15.29 0.96 0.00	14.22 0.99 -1.06	15.49 1.22 0.00	17.64 1.52 0.00	23.39 1.43 -7.42	27.01 1.54 -9.77	27.32 1.92 -7.01	21.92 1.96 0.00	20.80 1.53 -0.34	24.09 1.73 -0.51	24.31 1.78 0.00	19.85 1.45 0.00	16.93 1.09 -2.68
WADING RIVER_IC_2 23547	11.17 0.66 -3.68	6.96 0.57 0.00	6.43 0.53 0.00	7.48 0.62 0.00	7.50 0.59 0.00	11.77 0.89 0.00	15.15 1.22 0.00	18.86 1.42 0.00	16.80 1.12 0.00	16.39 1.08 0.00	15.41 1.07 0.00	15.29 0.96 0.00	14.22 0.99 -1.06	15.49 1.22 0.00	17.64 1.52 0.00	23.39 1.43 -7.42	27.01 1.54 -9.77	27.32 1.92 -7.01	21.92 1.96 0.00	20.80 1.53 -0.34	24.09 1.73 -0.51	24.31 1.78 0.00	19.85 1.45 0.00	16.93 1.09 -2.68
WADING RIVER_IC_3 23601	11.17 0.66 -3.68	6.96 0.57 0.00	6.43 0.53 0.00	7.48 0.62 0.00	7.50 0.59 0.00	11.77 0.89 0.00	15.15 1.22 0.00	18.86 1.42 0.00	16.80 1.12 0.00	16.39 1.08 0.00	15.41 1.07 0.00	15.29 0.96 0.00	14.22 0.99 -1.06	15.49 1.22 0.00	17.64 1.52 0.00	23.39 1.43 -7.42	27.01 1.54 -9.77	27.32 1.92 -7.01	21.92 1.96 0.00	20.80 1.53 -0.34	24.09 1.73 -0.51	24.31 1.78 0.00	19.85 1.45 0.00	16.93 1.09 -2.68
WALDENNY_12_KV_BK2 80841	6.88 -0.29 -0.33	6.16 -0.23 0.00	5.71 -0.19 0.00	6.61 -0.25 0.00	6.66 -0.25 0.00	10.60 -0.29 0.00	13.73 -0.20 0.00	17.33 -0.11 0.00	15.79 0.11 0.00	15.39 0.08 -0.01	14.40 0.06 0.00	14.26 -0.08 0.00	12.22 -0.13 -0.18	14.12 -0.15 0.00	15.72 -0.41 -0.01	14.20 -0.33 0.00	15.35 -0.55 -0.19	10.10 -0.63 7.65	11.68 -0.67 7.60	14.01 -0.54 4.39	9.68 -0.58 11.59	10.41 -0.69 11.43	8.09 -0.60 9.71	8.60 -0.27 4.29
WALDEN__HYDRO 24148	10.93 0.53 -3.57	6.86 0.47 0.00	6.32 0.42 0.00	7.33 0.47 0.00	7.38 0.47 0.00	11.64 0.75 0.00	14.95 1.02 0.00	18.64 1.21 0.00	16.71 1.03 0.00	16.34 1.04 0.00	15.39 1.05 0.00	15.46 1.13 0.00	14.19 0.99 -1.02	15.44 1.17 0.00	17.45 1.33 0.00	15.74 1.21 0.00	18.03 1.28 -1.03	20.69 1.59 -0.70	21.66 1.70 0.00	20.85 1.59 -0.32	24.14 1.80 -0.49	24.37 1.84 0.00	19.89 1.49 0.00	16.81 1.07 -2.58
WARRENSBURG____ 23737	11.56 0.12 -4.62	6.47 0.08 0.00	5.95 0.04 0.00	6.91 0.05 0.00	6.98 0.07 0.00	11.06 0.17 0.00	14.21 0.28 0.00	17.78 0.35 0.00	15.87 0.19 0.00	15.49 0.19 0.00	14.56 0.21 0.00	14.59 0.26 0.00	13.75 0.25 -1.32	14.52 0.26 0.00	16.42 0.30 0.00	14.82 0.28 0.00	17.46 0.41 -1.34	19.81 0.51 -0.91	20.55 0.59 0.00	19.98 0.62 -0.42	23.24 0.77 -0.63	23.27 0.75 0.00	18.96 0.57 0.00	16.88 0.38 -3.35
WATERSIDE____6 8 9 23538	11.07 0.56 -3.68	6.89 0.50 0.00	6.35 0.45 0.00	7.36 0.50 0.00	7.40 0.49 0.00	11.65 0.77 0.00	14.97 1.04 0.00	18.71 1.27 0.00	16.81 1.13 0.00	16.48 1.18 0.00	15.59 1.25 0.00	15.67 1.34 0.00	14.42 1.19 -1.06	15.68 1.41 0.00	17.73 1.61 0.00	15.98 1.45 0.00	18.28 1.49 -1.07	20.93 1.82 -0.73	21.81 1.85 0.00	20.94 1.66 -0.34	24.17 1.82 -0.51	24.38 1.85 0.00	19.95 1.55 0.00	17.00 1.16 -2.68
WATKINRD_115KV_LN8_ILLION 55919	6.83 0.00 0.00	6.38 -0.01 0.00	5.90 0.00 0.00	6.86 0.00 0.00	6.91 0.00 0.00	10.89 0.00 0.00	13.93 0.00 0.00	17.39 -0.04 0.00	15.57 -0.11 0.00	15.19 -0.12 0.00	14.26 -0.08 0.00	14.95 -0.08 -0.69	13.21 -0.08 -1.12	15.14 -0.12 -0.99	16.99 -0.13 -1.01	15.46 -0.13 -1.06	15.61 -0.11 0.00	18.36 -0.10 -0.07	20.14 -0.10 -0.28	18.93 -0.01 0.00	21.89 0.03 -0.02	22.62 0.05 -0.04	18.49 0.02 -0.07	13.38 -0.02 -0.24
WATSON____69_KV_BK 1 55734	11.29 0.78 -3.68	7.08 0.69 0.00	6.53 0.62 0.00	7.57 0.71 0.00	7.62 0.71 0.00	11.97 1.08 0.00	15.40 1.46 0.00	19.19 1.75 0.00	17.13 1.45 0.00	16.74 1.44 0.00	15.76 1.42 0.00	15.68 1.35 0.00	14.54 1.31 -1.06	15.86 1.59 0.00	18.05 1.93 0.00	23.75 1.80 -7.42	27.38 1.90 -9.77	27.72 2.32 -7.01	22.35 2.39 0.00	21.26 1.98 -0.34	24.60 2.25 -0.51	24.84 2.31 0.00	20.31 1.92 0.00	17.26 1.42 -2.68
WDELAWARE__HYD 323627	10.42 0.46 -3.14	6.79 0.40 0.00	6.30 0.39 0.00	7.30 0.44 0.00	7.33 0.43 0.00	11.54 0.65 0.00	14.84 0.90 0.00	18.56 1.12 0.00	16.64 0.96 0.00	16.27 0.96 0.00	15.33 0.99 0.00	15.33 0.99 0.00	13.71 0.64 -0.89	15.01 0.75 0.00	16.97 0.85 0.00	15.32 0.79 0.00	17.46 0.84 -0.91	20.19 1.18 -0.62	21.64 1.68 0.00	20.77 1.55 -0.28	24.02 1.74 -0.43	24.28 1.75 0.00	19.78 1.38 0.00	16.40 0.98 -2.27
WEST BABYLON__IC 23714	11.26 0.74 -3.68	7.05 0.66 0.00	6.50 0.60 0.00	7.54 0.68 0.00	7.59 0.68 0.00	11.92 1.03 0.00	15.33 1.39 0.00	19.11 1.67 0.00	17.08 1.39 0.00	16.71 1.41 0.00	15.73 1.39 0.00	15.67 1.34 0.00	14.52 1.29 -1.06	15.82 1.56 0.00	18.00 1.88 0.00	23.71 1.75 -7.42	27.32 1.84 -9.77	27.64 2.24 -7.01	22.26 2.30 0.00	21.20 1.92 -0.34	24.53 2.18 -0.51	24.77 2.24 0.00	20.26 1.87 0.00	17.23 1.39 -2.68
WEST CANADA__HYD 24049	6.84 0.01 0.00	6.39 0.00 0.00	5.90 0.00 0.00	6.86 0.00 0.00	6.91 0.01 0.00	10.89 0.01 0.00	13.95 0.02 0.00	17.45 0.02 0.00	15.68 0.00 0.00	15.31 0.00 0.00	14.36 0.01 0.00	15.04 0.01 -0.69	13.30 0.00 -1.12	15.26 0.00 -0.99	17.11 -0.02 -1.01	15.59 0.00 -1.06	15.70 -0.02 0.00	18.46 0.00 -0.07	20.24 0.00 -0.28	18.95 0.01 0.00	21.89 0.02 -0.02	22.59 0.02 -0.04	18.48 0.00 -0.07	13.41 0.01 -0.24
WESTERN_NY_WIND 24143	6.75 -0.26 -0.17	6.18 -0.21 0.00	5.72 -0.18 0.00	6.62 -0.24 0.00	6.68 -0.23 0.00	10.63 -0.25 0.00	13.61 -0.32 0.00	17.13 -0.30 0.00	15.56 -0.12 0.00	15.11 -0.20 0.00	14.14 -0.20 0.00	13.99 -0.34 0.00	11.98 -0.37 -0.17	13.82 -0.44 0.00	15.37 -0.75 0.00	13.91 -0.62 0.00	15.01 -0.88 -0.17	13.91 -0.93 3.55	13.23 -0.98 5.74	14.89 -0.75 3.30	12.35 -0.74 8.76	13.39 -0.47 8.67	10.72 -0.46 7.21	9.87 -0.20 3.09

WESTOVER___LESR 323668	8.25 0.10 -1.33	6.48 0.09 0.00	6.00 0.09 0.00	6.96 0.10 0.00	7.02 0.11 0.00	11.07 0.19 0.00	14.27 0.33 0.00	17.89 0.46 0.00	16.10 0.42 0.00	15.69 0.39 0.00	14.68 0.34 0.00	14.66 0.32 0.00	12.75 0.25 -0.33	14.57 0.31 0.00	16.40 0.28 0.00	14.85 0.32 0.00	16.27 0.22 -0.33	18.95 0.33 -0.24	20.33 0.37 -0.01	19.38 0.33 -0.11	22.38 0.37 -0.17	22.87 0.32 -0.01	18.67 0.25 -0.02	14.22 0.23 -0.83
WETHRSFD_WT_PWR 323626	7.78 -0.20 -1.16	6.23 -0.16 0.00	5.77 -0.13 0.00	6.70 -0.16 0.00	6.76 -0.15 0.00	10.73 -0.16 0.00	13.81 -0.12 0.00	17.38 -0.06 0.00	15.84 0.16 0.00	15.47 0.16 0.00	14.45 0.11 0.00	14.32 -0.02 0.00	12.27 -0.10 -0.20	14.13 -0.14 0.00	15.75 -0.37 0.00	14.23 -0.30 0.00	15.36 -0.56 -0.21	-5.95 -0.64 23.70	-6.07 -0.66 25.36	3.63 -0.55 14.76	-17.59 -0.59 38.85	-16.35 -0.79 38.09	-14.76 -0.76 32.40	-2.41 -0.49 15.08
WHAVSTOR_138KV_BK127 55557	10.90 0.51 -3.57	6.84 0.45 0.00	6.30 0.40 0.00	7.31 0.45 0.00	7.35 0.44 0.00	11.59 0.71 0.00	14.88 0.94 0.00	18.59 1.16 0.00	16.69 1.01 0.00	16.35 1.05 0.00	15.45 1.11 0.00	15.54 1.21 0.00	14.28 1.07 -1.03	15.53 1.26 0.00	17.55 1.43 0.00	15.82 1.29 0.00	18.10 1.35 -1.05	20.76 1.66 -0.71	21.66 1.70 0.00	20.79 1.52 -0.33	24.02 1.68 -0.49	24.22 1.69 0.00	19.80 1.40 0.00	16.79 1.03 -2.61
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	10.90 0.51 -3.57	6.84 0.45 0.00	6.30 0.40 0.00	7.31 0.45 0.00	7.35 0.44 0.00	11.59 0.71 0.00	14.88 0.94 0.00	18.59 1.16 0.00	16.69 1.01 0.00	16.35 1.05 0.00	15.45 1.11 0.00	15.54 1.21 0.00	14.28 1.07 -1.03	15.53 1.26 0.00	17.55 1.43 0.00	15.82 1.29 0.00	18.10 1.35 -1.05	20.76 1.66 -0.71	21.66 1.70 0.00	20.79 1.52 -0.33	24.02 1.68 -0.49	24.22 1.69 0.00	19.80 1.40 0.00	16.79 1.03 -2.61
WHITEHAL_115KV_TB1 80871	11.68 0.25 -4.61	6.55 0.16 0.00	6.01 0.11 0.00	7.00 0.14 0.00	7.08 0.17 0.00	11.24 0.35 0.00	14.59 0.66 0.00	18.30 0.86 0.00	16.20 0.52 0.00	15.85 0.55 0.00	14.89 0.55 0.00	14.93 0.59 0.00	14.09 0.60 -1.32	14.88 0.61 0.00	16.80 0.68 0.00	15.23 0.70 0.00	17.97 0.92 -1.34	20.48 1.18 -0.91	21.37 1.41 0.00	20.65 1.29 -0.42	24.12 1.64 -0.63	24.18 1.65 0.00	19.72 1.32 0.00	17.41 0.91 -3.34
WHITEPLN_13_KV_LOAD 356215	11.07 0.56 -3.68	6.90 0.50 0.00	6.37 0.46 0.00	7.39 0.53 0.00	7.42 0.51 0.00	11.68 0.79 0.00	14.99 1.06 0.00	18.74 1.30 0.00	16.82 1.14 0.00	16.49 1.19 0.00	15.59 1.24 0.00	15.67 1.33 0.00	14.41 1.18 -1.06	15.67 1.40 0.00	17.71 1.59 0.00	15.98 1.45 0.00	18.30 1.51 -1.07	20.97 1.85 -0.73	21.86 1.90 0.00	20.99 1.72 -0.34	24.27 1.91 -0.51	24.46 1.93 0.00	19.98 1.58 0.00	17.00 1.16 -2.68
WM_FLOYD_69_KV_BK2 356380	11.24 0.73 -3.68	7.03 0.64 0.00	6.49 0.58 0.00	7.54 0.68 0.00	7.57 0.66 0.00	11.88 1.00 0.00	15.30 1.36 0.00	19.04 1.60 0.00	16.96 1.28 0.00	16.53 1.23 0.00	15.55 1.20 0.00	15.42 1.09 0.00	14.34 1.10 -1.06	15.63 1.36 0.00	17.79 1.67 0.00	23.53 1.58 -7.42	27.16 1.69 -9.77	27.50 2.10 -7.01	22.11 2.16 0.00	20.99 1.71 -0.34	24.30 1.94 -0.51	24.52 1.99 0.00	20.04 1.65 0.00	17.07 1.23 -2.68
WOODARD__115KV_TB2 355635	7.16 -0.14 -0.47	6.26 -0.13 0.00	5.79 -0.12 0.00	6.72 -0.14 0.00	6.77 -0.14 0.00	10.70 -0.18 0.00	13.79 -0.15 0.00	17.28 -0.16 0.00	15.52 -0.16 0.00	15.12 -0.18 0.00	14.17 -0.17 0.00	14.13 -0.20 0.00	12.10 -0.19 -0.11	14.05 -0.21 0.00	15.82 -0.29 0.00	14.28 -0.25 0.00	15.51 -0.31 -0.11	18.13 -0.33 -0.08	19.62 -0.34 0.00	18.69 -0.28 -0.03	21.57 -0.33 -0.05	22.13 -0.40 0.00	18.02 -0.38 0.00	13.19 -0.25 -0.28
YORK___WARBASSE 23770	11.08 0.57 -3.68	6.91 0.52 0.00	6.36 0.45 0.00	7.37 0.52 0.00	7.42 0.51 0.00	11.69 0.80 0.00	15.02 1.08 0.00	18.76 1.33 0.00	16.87 1.19 0.00	16.53 1.23 0.00	15.64 1.29 0.00	15.72 1.38 0.00	14.47 1.24 -1.06	15.74 1.47 0.00	17.80 1.68 0.00	16.04 1.51 0.00	18.34 1.56 -1.07	21.02 1.90 -0.73	21.90 1.95 0.00	21.04 1.76 -0.34	24.30 1.95 -0.51	24.51 1.98 0.00	20.05 1.65 0.00	17.05 1.21 -2.68