

Kentucky Utilities Company and Louisville Gas and Electric Company
AMI Quarterly Implementation and Deployment Status Report
Case No. 2020-00349 & 2020-00350
October 31, 2023

Executive Summary:

In accordance with the Kentucky Public Service Commission’s Order of June 30, 2021, and subsequent order of December 6, 2021, in Case No. 2020-00349 and 2020-00350, Kentucky Utilities Company (“KU”) and Louisville Gas and Electric Company (“LG&E”) (collectively “Companies”) submit the ninth quarterly progress report on the 2021 AMI plan. The quarterly report provides a status of the implementation and deployment of the project, adherence to budgets, adherence to timeliness, any significant change orders, number of AMI meters implemented, and the number of non-AMI meters removed and retired. This report covers the period from the June 30, 2021 order through September 30, 2023, except where otherwise noted.

The project is performing consistent with planned expenditures and is on schedule with the implementation timeline.

Financial

The project is performing consistent with planned expenditures.

Project Spend (\$000)			
	Project to Date Spend	Forecasted Total Project	Remaining Project Amount
CWIP	\$143,360	\$352,068	\$208,708
AMI Implementation Expenses	\$10,844	\$39,802 ¹	\$28,958

Schedule

Major activities:

- Have installed over 385,000 AMI meters and modules.
- AMI network deployments are active in KU’s and LG&E’s service territories.
 - 112 of 180 gateways installed (62% complete)
 - 1,550 of 2,635 routers installed (59% complete)
- 1,287 customer account opt-outs. The 1,287 is approximately 0.33% of customers who have had the opportunity to opt out vs 0.8% that is included in the plan.
- Release 2 (Complex Billing) and 3 (Remote Service Switch) testing is in process and will continue into the second quarter of 2024.
- Meter Operations Center (“MOC”) continues review of advanced meter performance and reporting processes.

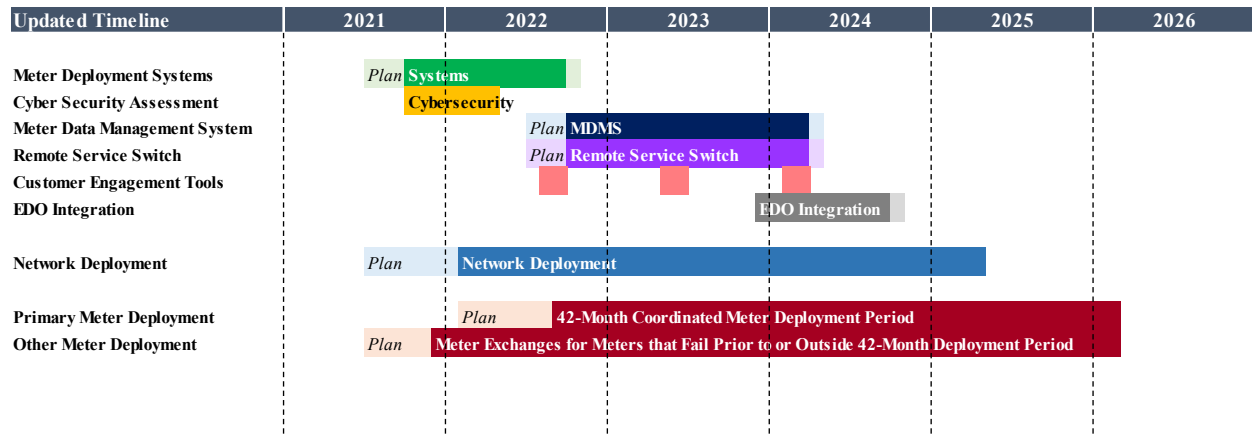
¹ The \$39,802 includes \$3M of expense currently included in base rates.

**Kentucky Utilities Company and Louisville Gas and Electric Company
AMI Quarterly Implementation and Deployment Status Report
Case No. 2020-00349 & 2020-00350
October 31, 2023**

Upcoming major activities:

- AMI meter deployment will continue through 2025.
- Continued build-out of the AMI network gateway and router installations through early 2025.
- Planning for Release 5 (EDO Integration) is underway.

Project schedule:



Significant Contract Change Orders

There have been no significant change orders to report during this period.

Meter Deployment

Company	Number of AMI Meters/Modules Installed ²	Number of AMI Meters/Modules ⁴ Installed since 9/22	Number of Non-AMI Meters retired ³
LG&E – Electric	126,085	113,106	79,740
LG&E – Gas	80,085	80,085	-
KU	200,893	192,675	167,455
Total	407,063	385,866	247,272

² These include AMI meters installed for the Solar Share Program, DSM AMS Opt-In Program, and downtown network since program inception.

³ Electric meters removed for retirement in July 2021 through September 2023 in the meter asset management system.

⁴ Modules are installed on gas meters to enable remote meter reading AMI capabilities.