

**Kentucky Utilities Company and Louisville Gas and Electric Company
AMI Quarterly Implementation and Deployment Status Report
Case No. 2020-00349 & 2020-00350
January 31, 2024**

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 and Louisville Gas and Electric Company (“Companies”) submit the tenth 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 December 31, 2023, except where otherwise noted.

The project is performing consistent with planned expenditures and the overall timeline is on schedule, with full deployment still expected to be complete by December 31, 2025.

Financial

The project is performing consistent with planned expenditures.

Project Spend (\$000)			
	Project to Date Spend	Forecasted Total Project	Remaining Project Amount
CWIP	\$171,875	\$352,068	\$180,192
AMI Implementation Expenses	\$13,785	\$39,802 ¹	\$26,017

Schedule

Major activities:

- Installed over 562,000 AMI meters and modules.
- AMI network deployments are active in KU’s and LG&E’s service territories.
 - 133 of 179 gateways installed (74% complete)
 - 1,998 of 2,631 routers installed (76% complete)
- 1,665 customer account opt-outs. The 1,665 is approximately 0.29% of customers who have had the opportunity to opt out vs 0.8% that was estimated 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.

Upcoming major activities:

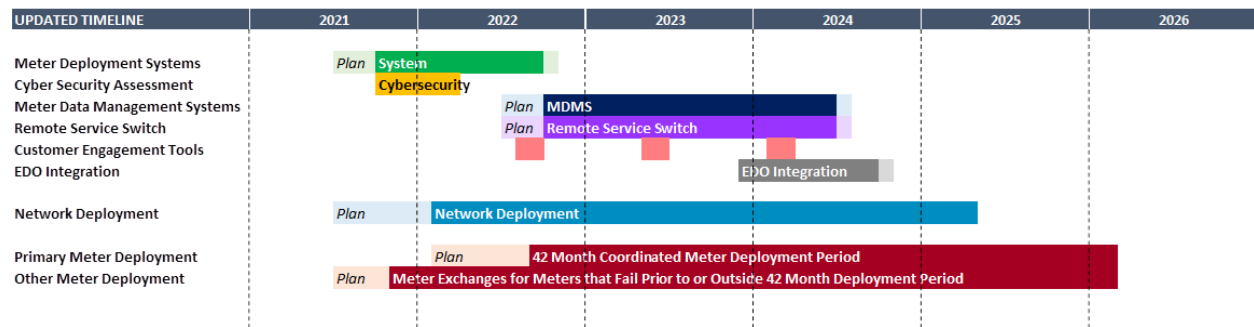
- AMI meter deployment will continue through 2025.
- Continued build-out of the AMI network gateway and router installations through early 2025.
- Planning for Release 5 (Outage Integration) is underway.

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

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- Release 2 (Complex Billing) and Release 3 (Remote Service Switch) were shifted from March to June 2024. The schedule was revised based upon additional testing effort needed. This shift is not expected to impact the overall AMI Program net present value of revenue requirements.

Project schedule: (Release schedules may shift within overall program timeline)



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	179,260	170,558	127,250
LG&E – Gas	119,109	119,109	-
KU	274,502	272,521	241,256
Total	572,871	562,188	368,506

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 December 2023 in the meter asset management system.

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