

Kentucky Utilities Company and Louisville Gas and Electric Company
AMI Quarterly Implementation and Deployment Status Report
Case Nos. 2020-00349 & 2020-00350
October 30, 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 Nos. 2020-00349 and 2020-00350, Kentucky Utilities Company and Louisville Gas and Electric Company (“Companies”) submit the thirteenth 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, 2024, 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	\$266,313	\$352,068	\$85,754
AMI Implementation Expenses	\$23,926	\$39,802 ¹	\$15,876

Schedule

Major activities:

- Installed over 1,037,000 AMI meters and modules.
- AMI network deployments are active in KU’s and LG&E’s service territories.
 - 198 of 216 gateways installed (92% complete)
 - 2,818 of 2,893 routers installed (97% complete)
- 3,021 customer account opt-outs. The 3,021 is approximately 0.29% of customers who have had the opportunity to opt out vs 0.8% that was estimated in the plan.

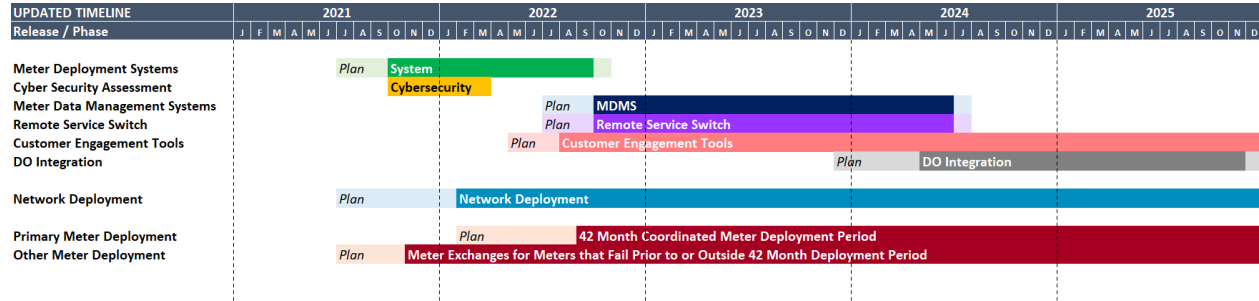
Upcoming major activities:

- AMI meter deployment will continue through 2025.
- Build-out of the AMI network gateway and router installations will continue through 2025.
- Release 4 (Customer Engagement Tools) updated to reflect current plan with tools and enhancements live throughout 2025.
- Release 5 (Distribution Integration) planning continues in order to accomplish Conservation Voltage Reduction (CVR) and outage management improvements in 2025.

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

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



Significant Contract Change Orders

A change order was implemented for the system integrator to increase data warehouse scope and extend resources related to program management, test and advisory services. Funding for this change order was available in the project contingency. Total planned expenditures have not changed.

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	332,404	327,392	289,566
LG&E – Gas	230,711	230,711	
KU	479,602	479,172	446,761
Total	1,042,717	1,037,275	736,327

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 2024 in the meter asset management system.

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