

**Kentucky Utilities Company and Louisville Gas and Electric Company  
AMI Quarterly Implementation and Deployment Status Report  
Case Nos. 2020-00349 & 2020-00350  
January 30, 2025**

**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 fourteenth 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, 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	\$293,867	\$352,068	\$58,201
AMI Implementation Expenses	\$27,886	\$39,802 <sup>1</sup>	\$11,916

**Schedule**

Major activities:

- Installed over 1,181,000 AMI meters and modules.
- AMI network deployments are active in KU’s and LG&E’s service territories.
  - 208 of 215 gateways installed (97% complete)
  - 2,886 of 2,900 routers installed (99% complete)
- 3,471 customer account opt-outs. The 3,471 is approximately 0.3% of customers who have had the opportunity to opt out vs 0.8% that was estimated in the plan.
- Installed 4,647 Gas Encoder Receiver Transmitters (ERT) in our gas only territory.

Upcoming major activities:

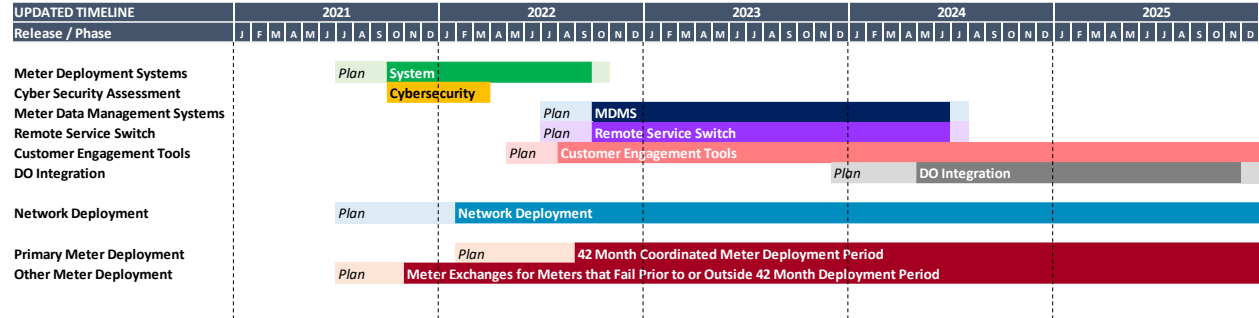
- AMI meter deployment will continue through 2025.
- Build-out of the AMI network gateway and router installations will continue through 2025.
- Release 4 (Customer Engagement Tools) reflects current plan with tools and enhancements going live throughout 2025.
- Release 5 (Distribution Integration) on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

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

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*Project schedule:*



### Significant Contract Change Orders

No significant change orders to report.

### Meter Deployment

Company	Number of AMI Meters/Modules Installed <sup>2</sup>	Number of AMI Meters/Modules <sup>4</sup> Installed since 9/22	Number of Non-AMI Meters retired <sup>3</sup>
LG&E- Electric	381,120	377,259	339,727
LG&E – Gas	269,050	269,050	
KU	531,442	531,177	478,066
<b>Total</b>	<b>1,181,612</b>	<b>1,177,486</b>	<b>817,793</b>

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

<sup>3</sup> Electric meters removed for retirement in July 2021 through December 2024 in the meter asset management system.

<sup>4</sup> Modules are installed on gas meters to enable remote meter reading AMI capabilities.