

**Kentucky Utilities Company and Louisville Gas and Electric Company**  
**AMI Quarterly Implementation and Deployment Status Report**  
**Case Nos. 2020-00349 & 2020-00350**  
**July 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 Nos. 2020-00349 and 2020-00350, Kentucky Utilities Company and Louisville Gas and Electric Company (“Companies”) submit the twelfth 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 June 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	\$239,162	\$352,068	\$112,906
AMI Implementation Expenses	\$20,243	\$39,802 <sup>1</sup>	\$19,559

**Schedule**

Major activities:

- Installed over 888,000 AMI meters and modules.
- AMI network deployments are active in KU’s and LG&E’s service territories.
  - 167 of 173 gateways installed (97% complete)
  - 2,744 of 2,777 routers installed (99% complete)
- 2,508 customer account opt-outs. The 2,508 is approximately 0.28% 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) were implemented in June 2024.

Upcoming major activities:

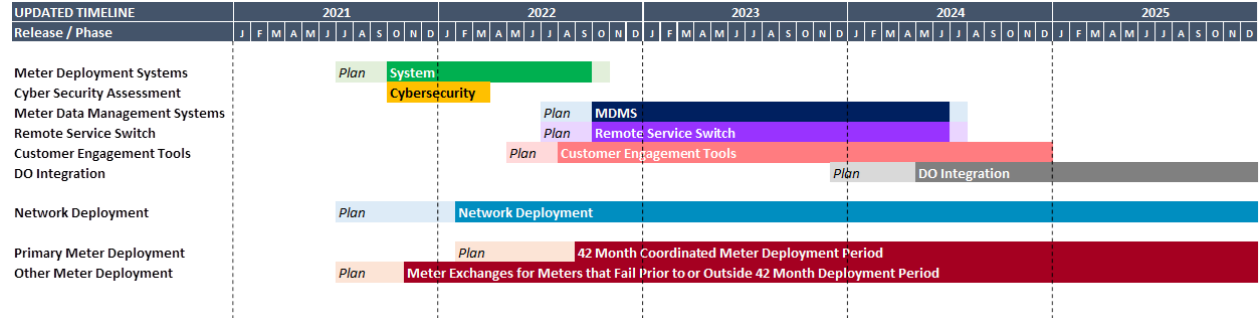
- AMI meter deployment will continue through 2025.
- Build-out of the AMI network gateway and router installations will continue through 2025.
- Release 4 (Customer Engagement Tools) updated to reflect current plan with certain tools and enhancements live in the fourth quarter of 2024.
- Release 5 (Distribution Integration) planning continues in order to accomplish Conservation Voltage Reduction (CVR) and outage management improvements.

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<sup>1</sup> 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 Nos. 2020-00349 & 2020-00350 July 31, 2024

*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 <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	286,339	281,165	245,344
LG&E – Gas	190,639	190,639	-
KU	417,897	417,021	380,844
<b>Total</b>	<b>894,875</b>	<b>888,825</b>	<b>626,188</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 June 2024 in the meter asset management system.

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