

Kentucky Utilities Company and Louisville Gas and Electric Company
AMI Quarterly Implementation and Deployment Status Report
Case No. 2020-00349 & 2020-00350
July 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 and Louisville Gas and Electric Company (“Companies”) submit the eighth 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, 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	\$115,366	\$352,068	\$236,702
AMI Implementation Expenses	\$8,140	\$39,802 ¹	\$31,662

Schedule

Major activities:

- Have installed over 240,000 AMI meters and modules.
- AMI network deployments are active in KU’s and LG&E’s service territories.
 - 68 of 180 planned gateways installed (38% complete)
 - 984 of 2,635 planned routers installed (37% complete)
- 1,017 customer account opt-outs. The 1,017 is approximately 0.4% 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) Functional Designs (“FD”) are in process and will continue into the third quarter.
- Meter deployment rate is below target due to delays resulting from installer staffing challenges and multiple weather events. No impact to overall schedule at this time.
- Management of supply chain issues with meter manufacturer continues in an effort to minimize risks to deployment plan. No impacts to overall schedule are currently expected.
- Meter Operations Center (“MOC”) continues review of advanced meter performance and reporting processes.

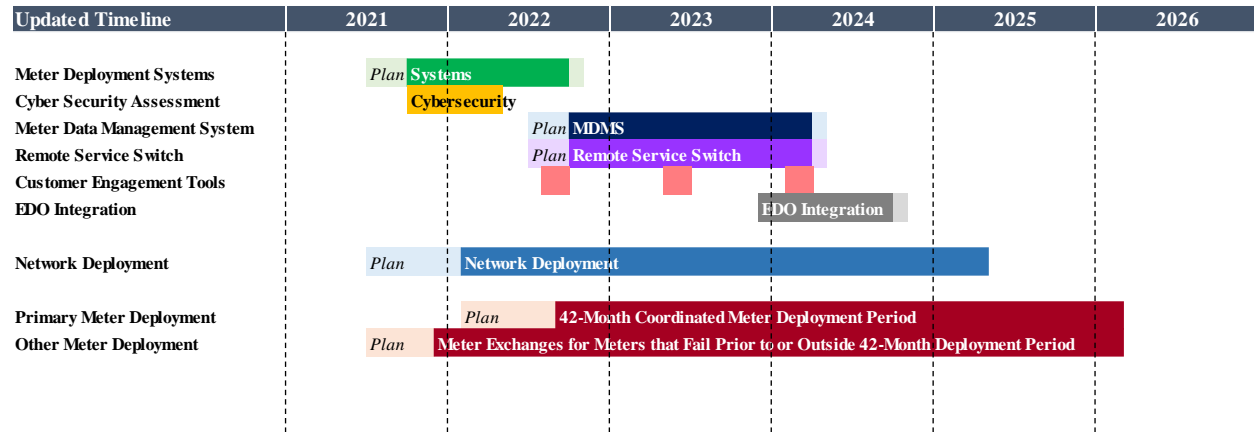
¹ The \$39,802 includes \$3M of expense currently included in base rates.

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Upcoming major activities:

- AMI meter deployment will continue through 2025.
- Continued build-out of the AMI network gateway and router installations through early 2025.

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 Sep. 2022	Number of Non-AMI Meters retired ³
LG&E- Electric	80,127	67,148	43,462
LG&E – Gas	47,043	47,043	-
KU	134,862	126,644	106,613
Total	262,032	240,835	150,075

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 March 2023 in the meter asset management system.

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