

Kentucky Utilities Company and Louisville Gas and Electric Company
AMI Quarterly Implementation and Deployment Status Report
Case No. 2020-00349 & 2020-00350
January 31, 2022

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 second 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 the end of December 31, 2021, except where otherwise noted.

The project is performing consistent with planned expenditures and is on schedule with the implementation timeline. Good progress has been made continuing to assign internal and external staff to the project. The Companies continue to monitor the COVID-19 pandemic situation as well as work with all internal and external personnel to minimize the impact to the project. The project is operating with individuals working remotely. The remote work environment has proven to be effective and productive with no adverse effect on the project.

Financial

The project is performing consistent with planned expenditures.

Project Spend (\$000)			
	Project to Date Spend	Forecasted Total Project	Remaining Project Amount
CWIP	\$5,093	\$352,068	\$346,975
AMI Implementation Expenses	\$469	\$39,802 ¹	\$39,333

Schedule

The project is on schedule through December 2021. The initial tasks establishing the project are well underway consistent with the overall timeline below.

Major activities completed:

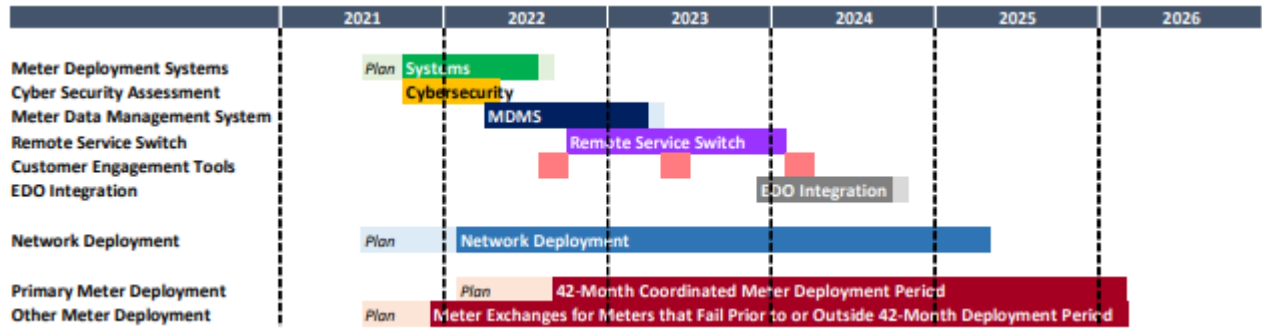
- Assigned employees to the project.
- Established the Meter Operations Center and AMI Engineering
- Initiated cybersecurity system review
- Electric AMI meter order placed
- Gas AMI modules order placed
- Network equipment order placed
- Systems work
 - Six of the 10 business process designs were completed

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

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- Started functional design workshops for systems work to support AMI meter deployment commencement in September.

Figure 12: AMI+AMR_GO Project Implementation Timeline



Significant Contract Change Orders

No significant contractual change orders

Meter Deployment

The Companies will begin major meter installation in the 3rd quarter of this year. A minor number of additional AMI meters are being installed primarily to support the Solar Share Program.

Company	Number of AMI Meters Installed ²	Number of Non-AMI Meters retired ³
LG&E	14,052	1,643
KU	12,592	3,711
Total	26,644	5,354

Note: The number of meters above will fluctuate from previous reports due to two primary reasons. The first is that Solar Share Program and the DSM Advanced Meter Program (AMP or Opt-In) participants move out of the Companies service territory. The second reason is that customers move in and out of the program and the numbers above represent a snapshot at the end of the reporting quarter.

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 through December 2021 in the meter asset management system.