

**Kentucky Utilities Company and Louisville Gas and Electric Company  
AMI Quarterly Implementation and Deployment Status Report  
Case Nos. 2020-00349 & 2020-00350  
July 29, 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 Nos. 2020-00349 and 2020-00350, Kentucky Utilities Company and Louisville Gas and Electric Company (“Companies”) submit the fourth 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, 2022, 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	\$24,517	\$352,068	\$327,551
AMI Implementation Expenses	\$2,458	\$39,802 <sup>1</sup>	\$37,344

**Schedule**

The project tasks are well underway consistent with beginning meter deployments in September 2022.

Major activities completed:

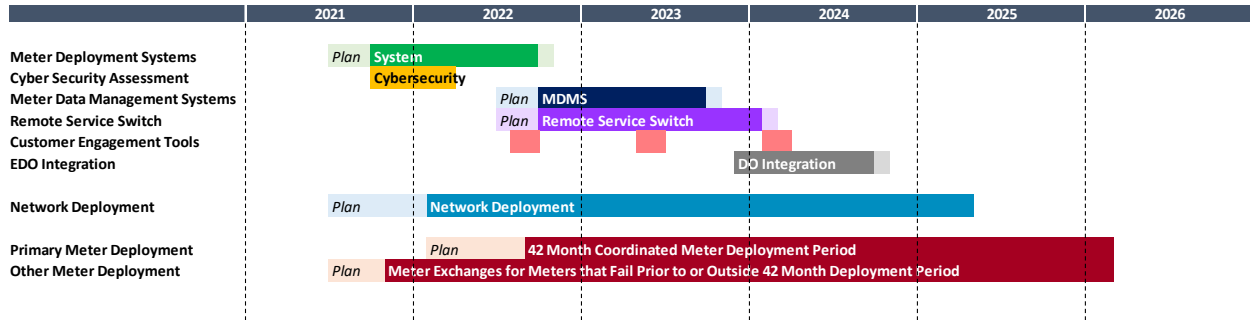
- External Communications Strategy and Plan is complete and work to implement the plan is in process.
- Training material development is underway with 41 of 81 builds complete.
  - Development of Meter Deployment Operations Standard Operating Procedures are all in process with 6 of 19 completed.
- AMI Communications Network Progress
  - 300 routers delivered
  - 180 of 180 surveys to finalize location of network gateways are in-progress with 125 approved and ready for installation; 2 gateways installed.
  - 651 of the 2,635 router location surveys approved; 100 repositioned to avoid adding line transformers; 4 routers installed.
  - Added 34 Gateways to resolve cybersecurity and operational issues on legacy collectors
- Meter Deployment Systems Progress
  - System integration testing almost 60% complete.

---

<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 29, 2022**

Figure 1 Project Schedule



**Significant Contract Change Orders**

No significant contractual change orders.

**Meter Deployment**

The Companies will begin full meter deployment in the fall of 2022. A minor number of additional AMI meters are being installed now primarily to support the Solar Share Program.

Company	Number of AMI Meters Installed <sup>2</sup>	Number of Non-AMI Meters retired <sup>3</sup>
LG&E	13,946	3,115
KU	12,088	6,586
Total	26,034	9,701

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.

<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 2022 in the meter asset management system.