

**2016 ECR Plan Status Update Report
Quarterly Report – Update #36
July 30, 2025**

Executive Summary:

General

This report covers LG&E and KU's ("Companies") progress on the 2016 Environmental Cost Recovery ("ECR") Plan through the second quarter of 2025.

The overall 2016 ECR Plan safety performance through the second quarter of 2025 remains excellent with a Year-to-Date OSHA Recordable Incident Rate of 0.00 and an Inception-to-Date OSHA Recordable Incident Rate of 0.41, compared to the industry average of 2.4.

The total 2016 ECR Plan projected cost remained flat at \$1.0102 billion (net)¹, compared to the filed total of \$996.4 million as provided in Case Nos. 2016-00026, 2016-00027, and 2017-00483. Total spend-to-date through June 30, 2025 is \$982.6 million (net).

CCR Compliance (CCR Rule and State CCR Pond Closures)

Safety performance through the second quarter is excellent with a Year-to-Date OSHA Recordable Incident Rate of 0.00 and an Inception-to-Date Recordable Incident Rate of 0.44, compared to an industry average Recordable Incident Rate of 2.4.

The total projected cost for the Coal Combustion Residual ("CCR") Closure Program remained flat at \$980.0 million (net). Total spend-to-date through June 30, 2025 is \$952.5 million (net).

The remaining engineering activities primarily consist of supporting ongoing construction activities and updating design documents to reflect "as-built" conditions of the completed projects. Remaining activities are associated with awarded contracts through warranty periods.

As noted in previous correspondence, the Environmental Protection Agency ("EPA") finalized the Legacy CCR Surface Impoundment (Legacy) Rule, effective November 8, 2024. The Legacy Rule expanded the scope of the 2015 CCR Rule to add former generating sites and various types of new CCR units (legacy CCR surface impoundments and coal combustion residual management units ("CCRMUs")) to those governed by the Rule. The Legacy Rule also incorporated more aggressive interpretations into the regulatory process that have the potential to result in changes to regulatory compliance strategies among the industry.

¹ Co-Owners of the Trimble County plant: Illinois Municipal Electric Agency (IMEA) and Indiana Municipal Power Agency (IMPA) are responsible for 25%. IMEA owns 12.12% and IMPA owns 12.88%. Co-owner shares are not included in the costs provided in this report.

Recent EPA CCR Rule Initiatives

EPA Administrator Lee Zeldin has announced that the EPA is planning to revisit many recent regulatory actions undertaken by the EPA. Among the regulations identified for change is the CCR Rule.

In March 2025, EPA proposed to delegate CCR program authority to North Dakota and expects that other similar delegations will follow. The EPA has encouraged states to seek delegated program authority through cooperative federalism. The U.S. Court of Appeals for the D.C. Circuit has granted a voluntary stay of the legal challenges to the CCR Rule while the EPA re-examines the case's merits.

At the time of this update, no other significant actions relating to the CCR Rule had been proposed, therefore LG&E and KU continue to implement their current compliance strategies. Since additional changes are anticipated, LG&E and KU will continue to follow the developments regarding any new rulemaking and guidance actions issued by the EPA.

LG&E and KU CCR Rule Compliance Strategy and Updates

As the last of the CCR impoundment closures near completion, LG&E and KU plan to continue to implement current CCR Rule compliance strategies along with any revisions necessary to meet the requirements of the Legacy Rule. Finally, the Companies will track ongoing developments so that approaches and efforts can be adjusted, if necessary, to assure continued compliance.

CCR Impoundment Closures

- Ghent – Phase III scope was completed in 2024. Engineering and permitting efforts continue for the CCR processing area access road.
- E.W. Brown – The Auxiliary Pond dewatering wells were redeveloped and certain pumps replaced to allow for improved performance. Wells were reactivated during the second quarter of 2025 as the impacts of freezing temperatures subsided and redevelopment efforts were completed. WSP and GWTT (“Ground/Water Treatment and Technology, LLC”) continues to provide technical support and analysis of data collected in the field.

The modification of the northeast (“NE”) stormwater ditch is slated to begin during the third quarter of 2025. Work consists of upward extension of the NE stormwater inlet riser structure, installation of an additional 4’-0” of soil, and new fabric-formed concrete. Additional ballast for the cap liner system will be provided through this modification providing protection against potential elevated water levels in this area of the impoundment.

- Mill Creek – Project was completed in 2022. No further work is required.
- Trimble County – Tetra Tech (“TT”) continued managing stormwater runoff in the BAP and maintaining subgrade conditions to allow liner installation to progress as planned. TT completed installing geomembrane liner in the BAP and continued placing protective cover soil over lined areas. TT began installing fabric formed concrete in the storm pond area located in the southwest

corner of the BAP cap. TT completed mass hauling of cover soil to the BAP and began focusing on spreading the protective cover soil to the required grades and thickness over the cap.

The former Gypsum Storage Pond (“GSP”), which no longer contains CCRs, saw minor grade work performed and was maintained in a stable condition. TT worked on grading the pond north of the GSP where the new GSP sampling structure (KPDES Outfall 011) will discharge. Outfall 011 was placed in-service during the quarter and TT began pumping storm water from the GSP to allow subgrade preparation and mass fill placement to begin.

- Tyrone – Project completed in the second quarter of 2020. No further work is required.

The CCR Impoundment Closure Program is scheduled to be completed on or before the CCR Rule regulatory deadlines in accordance with currently applicable requirements.²

Process Water System Projects

- Trimble County – Project has been placed into Commercial Operation.
- Mill Creek – Project has been placed into Commercial Operation.
- Ghent – Project has been placed into Commercial Operation.
- E.W. Brown – Project has been placed into Commercial Operation.

² The recent Legacy Rule revisions are significant and additional changes may result from the change in the Presidential administrations. However, the Companies’ strategies continue to be resilient and absent major regulatory developments, the Companies do not expect that CCR Rule changes will require any major re-evaluations of our plans. The Companies will continue to closely monitor revisions to the CCR Rule and to ongoing litigation and will continue to update the Commission as it relates to issues that may affect construction schedules and activities.

Schedules

CCR Rule and State CCR Impoundment Closures

<u>Project</u>	<u>Project #</u>	<u>EPC Status³</u>	<u>Planned / Actual In-Service Date⁴</u>
E.W. Brown Aux Pond	KU Project 42	Completed	Closure Completed 4Q 2022 ⁵
E.W. Brown Main Ash Pond (Deleted Phase III of Landfill)	KU Project 36	Completed	Closure Completed 4Q 2020
Ghent ATB #1	KU Project 40	Completed	Cap and Closure Completed 4Q 2021
Ghent ATB #2	KU Project 40	Completed	Cap and Closure Completed 3Q 2024 ⁶
Ghent Gypsum Stack	KU Project 40	Completed	Clean Closure Completed 3Q 2021
Green River Main Pond	KU Project 39	Completed	Cap and Closure Completed 2Q 2019
Green River ATB #2	KU Project 39	Completed	Cap and Closure Completed 3Q 2019
Green River SO2 Pond	KU Project 39	Completed	Clean Closure Completed 2Q 2019
Mill Creek Ash Pond	LG&E Project 29	Completed	Cap and Closure Completed 3Q 2021
Mill Creek Clearwell Pond	LG&E Project 29	Completed	Clean Closure Completed & New Pond in Service 4Q 2018
Mill Creek Construction Runoff Pond	LG&E Project 29	Completed	Clean Closure Completed 2Q 2018 and New Pond in Service 3Q 2018
Mill Creek Emergency Pond	LG&E Project 29	Completed	Clean Closure Completed and area structurally backfilled in 2017
Mill Creek Dead Storage Pond	LG&E Project 29	Completed	Clean Closure Completed and area structurally backfilled 3Q 2019
Pineville Ash Pond	KU Project 39	Completed	Cap and Closure Completed 3Q 2019
Trimble County Bottom Ash Pond	KU Project 41, LG&E Project 30	Awarded August 13, 2021	December 2025
Trimble County Gypsum Storage Pond	KU Project 41, LG&E Project 30	Awarded August 13, 2021	December 2025
Tyrone Ash Pond	KU Project 39	Completed	Cap and Closure Completed 3Q 2019

³ Engineering, Procurement, and Construction (“EPC”) Status – the red font signifies actuals.

⁴ The Planned In-Service Dates reflect the executed EPCs – the red font signifies actuals. Ghent ATB #2 and Trimble County BAP was changed to 2024 and 2025, respectively, to reflect a mid-point between the original rule and the proposed rule changes being litigated. Trimble County GSP completion date reflects completion of the work; however, the removal of CCR was completed in the 3Q 2024.

⁵ Project was placed into service during the 4Q 2022. Charges will continue to accrue into 2025 due to project close-out activities.

⁶ Project was placed into service during the 3Q 2024. Charges will continue to accrue into 2025 due to project close-out activities.

PWS Projects

<u>Project</u>	<u>Project #</u>	<u>EPC Status</u> ⁷	<u>Actual In Service Date</u>
E.W. Brown PWS	KU Project 42	Completed	Placed in Service May 2020
Ghent PWS	KU Project 40	Completed	Placed in Service April 2020
Mill Creek PWS	LG&E Project 29	Completed	Placed in Service October 2019
Trimble County PWS	KU Project 41, LG&E Project 30	Completed	Placed in Service October 2019

⁷ Engineering, Procurement, and Construction (“EPC”) Status – the red font signifies actuals.

E.W. Brown Landfill Phase II and Phase III

Work associated with this project has been completed; no further work is required.

Quarterly Status Update:

Federal CCR Rule Closure Projects:

KU Project 40 – Ghent (GH) Station CCR Rule Compliance Construction and New PWS

The Phase III scope was completed in 2024. Engineering and permitting efforts continue for the CCR processing area access road.

KU Project 41 and LG&E Project 30⁸ – Trimble County (TC) Station CCR Rule Compliance Construction and New PWS

The Companies continue to hold weekly and monthly project update meetings. TT continues managing stormwater runoff from the Bottom Ash Pond (“BAP”) and Gypsum Storage Pond (“GSP”), completed installing geomembrane liner in the BAP, completed mass hauling of protective cover soil to the BAP, and continued spreading the soil to the required thickness over lined areas. TT began installing fabric formed concrete in the storm pond area located in the southwest corner of the BAP cap.

TT worked on grading the pond, north of the GSP, where the new GSP sampling structure (KPDES Outfall 011) will discharge. Outfall 011 was placed in service during the quarter and TT began pumping storm water from the GSP to allow subgrade preparation and mass fill placement to begin.

⁸ KU and LG&E’s net costs are split 48% and 52%, respectively.



Trimble BAP – Looking Northeast – April 2025



Trimble BAP – Looking Northeast – July 2025



Trimble GSP – Looking South – February 2025



Trimble GSP – Looking South – July 2025

KU Project 42 – E.W. Brown (BR) Station CCR Rule Compliance Construction and New PWS

- E.W. Brown – The Auxiliary Pond dewatering wells were redeveloped and certain pumps replaced to allow for improved performance. Wells were reactivated during the second quarter of 2025 as the impacts of freezing temperatures subsided and redevelopment efforts were completed. WSP and GWTT (“Ground/Water Treatment and Technology, LLC”) continues to provide technical support and analysis of data collected in the field.

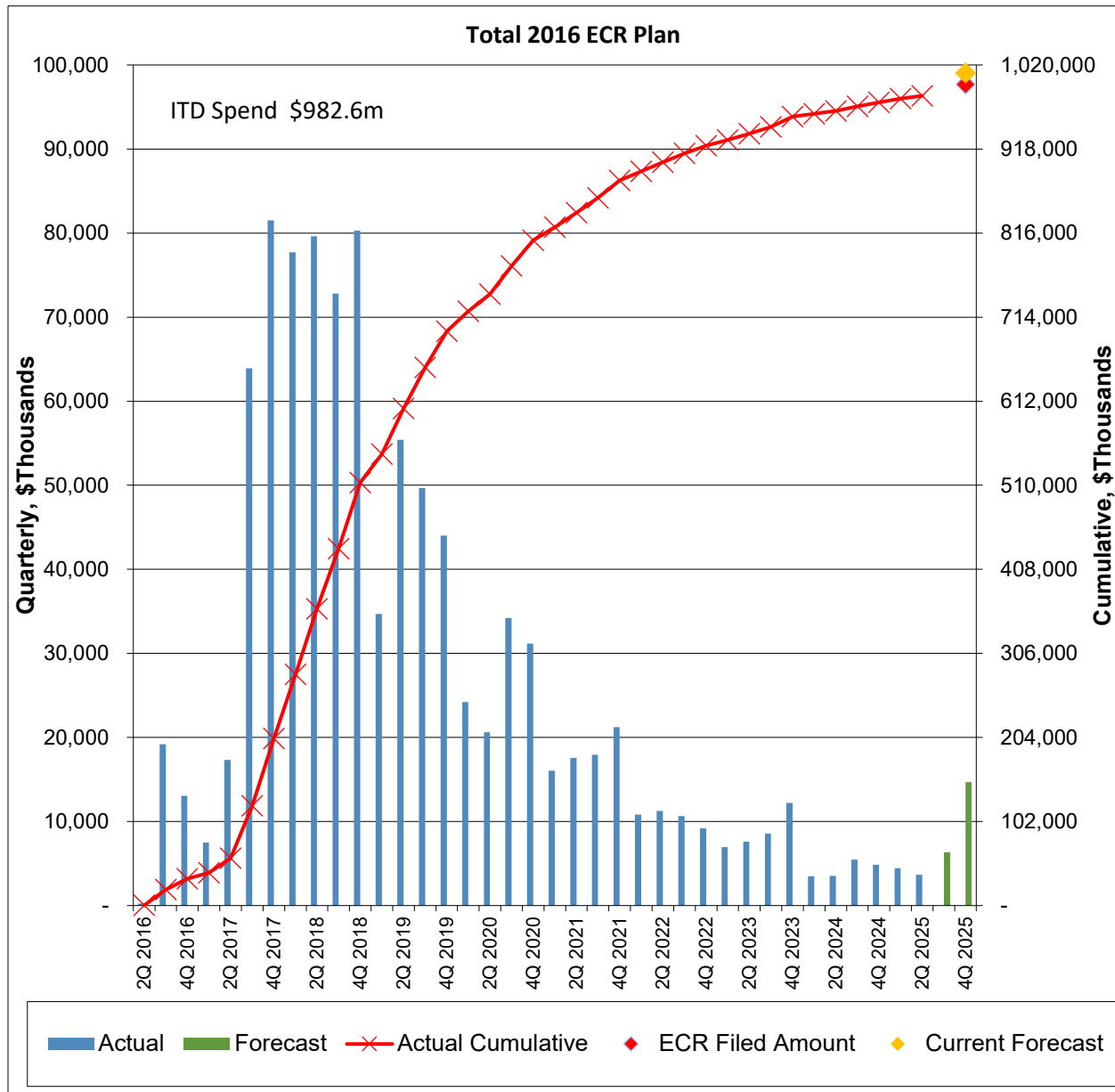
The modification of the northeast (NE) stormwater ditch is slated to begin during the third quarter of 2025. A change order to TT is being drafted for review and approval. Work consists of upward extension of the NE stormwater inlet riser structure, installation of an additional 4’-0” of soil, and new fabric-formed concrete. Additional ballast for the cap liner system will be provided through this modification providing protection against potential elevated water levels in this area of the impoundment.

LG&E Project 29 – Mill Creek (MC) Station CCR Rule Compliance Construction and New PWS

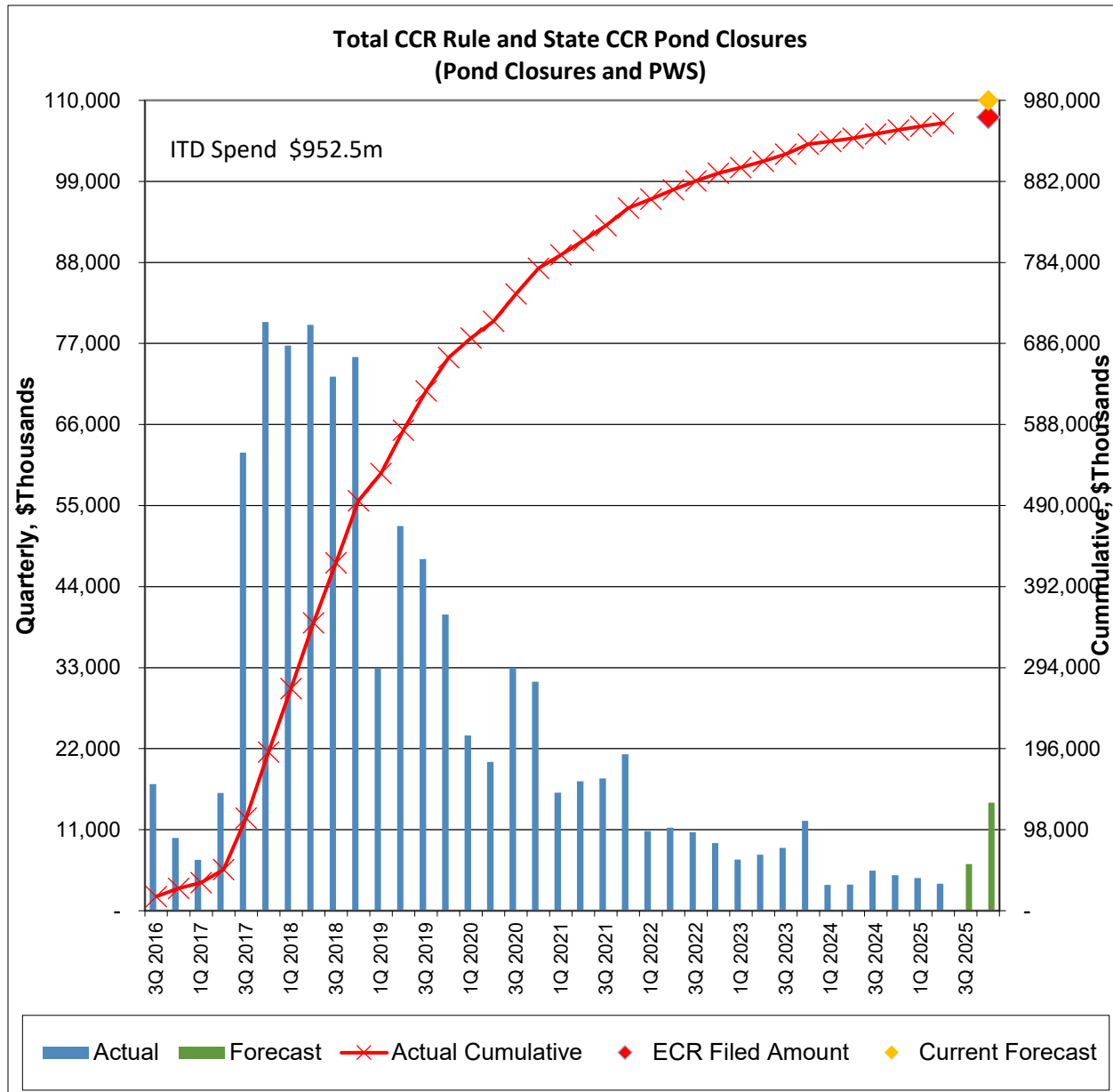
No further work is required.

Financials:

The total 2016 ECR Plan projected cost remained flat at \$1.0102 billion (net), compared to the filed total of \$996.4 million. Total spend-to-date through June 30, 2025 is \$982.6 million (net). The graph below includes 1) a symbol (◆) to show the current forecast to completion and (2) inception-to-date (“ITD”) Spend in the upper left of the chart.



The CCR Impoundment Closure total forecasted cost remained flat at \$980.0 million (net). Total spend-to-date through June 30, 2025 is \$952.5 million (net). The graph below includes 1) a symbol (◆) to show the current forecast to completion and (2) ITD Spend in the upper left of the chart.



Planned Activities for Next Quarter:

Federal CCR Rule Closure Projects

CCR Closures:

At Trimble County, TT will continue closure activities of the Bottom Ash Pond and Gypsum Storage Pond. TT will complete protective cover soil placement on the closure cap of Bottom Ash Pond and work to establish vegetation. TT will begin mass fill placement activities in the GSP.

At E.W. Brown, the Companies and WSP will continue to analyze dewatering well elevation readings. TT will continue to operate and maintain the dewatering well system. Dewatering and treatment will continue through the third quarter of 2025. The NE stormwater ditch modification work will commence in the third quarter of 2025.

At Ghent, a request for proposal will be issued for the construction of the access roadway to the CCR processing area.

The Companies will continue to monitor and work through warranty and maintenance issues, on all the projects, should they arise.

PWS Projects:

Complete. No further work is required.