

## **Fluid Quip Technologies Expands Deployment of Low Energy Distillation™ Technology at United Ethanol**

**CEDAR RAPIDS, IA. January 15, 2026 – (BUSINESS WIRE)** – Fluid Quip Technologies (FQT) continues to advance the biofuels industry’s transition toward higher efficiency and lower carbon intensity with another commercial deployment of the patented Low Energy Distillation™ (LED™) system at United Ethanol in Milton, Wisconsin.

The LED™ system, is a next-generation distillation platform designed to reduce steam usage, eliminate unnecessary phase changes, lower water consumption, and support continuous, reliable operation. By removing direct-inject steam from the distillation process and incorporating advanced heat integration, LED™ can significantly reduce energy usage, helping producers lower operating costs and improve carbon intensity (CI) scores.

The LED™ platform integrates technology developed over a multi-year collaboration between Fluid Quip Technologies and RCM Thermal Kinetics, combining FQT’s system integration expertise with RCM’s advanced Distillation, Dehydration and Evaporation (DDE) process design and intellectual property. The underlying architecture rethinks conventional ethanol distillation by tightly integrating heat recovery, allowing plants to achieve significant energy reductions.

“With every LED installation, we’re demonstrating that ethanol production can be more efficient, profitable, and sustainable,” said Neal Jakel, President of Fluid Quip Technologies. “Producers are achieving meaningful energy savings, increased uptime, and measurable carbon reductions without compromising throughput or reliability.”

“We are excited to move forward with the LED system,” said Dan Wych, Vice President of Wisconsin Ethanol Operations at United Cooperative. “Reducing our energy demand is a strategic priority, and FQT’s LED technology aligns with our goals for efficiency, reliability, and CI reduction.”

This installation further reinforces FQT’s position as a leading provider of energy-reduction technologies for the ethanol industry. It marks the fourth commercial deployment of the LED™ system demonstrating the technology’s success and seamless integration into existing plant infrastructure.

### **About Fluid Quip Technologies**

Fluid Quip Technologies® (FQT) is a premier technology and process engineering firm based in Cedar Rapids, Iowa. FQT’s skilled engineering and technical teams have been developing new technologies and providing unique process engineering solutions to the beverage, biofuels and bio-chemical markets for more than 30 years. For more information, visit [www.fluidquiptechnologies.com](http://www.fluidquiptechnologies.com).

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