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**FOR IMMEDIATE RELEASE**  
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## **RTD Unveils Five New Hydrogen Fuel Cell Buses**

Stockton, CA – On October 23, San Joaquin Regional Transit District (RTD) proudly celebrates the launch of its five new hydrogen fuel cell buses. This move marks a pivotal step in RTD's commitment to transitioning 100% of its bus purchases to zero-emission vehicles (ZEBs) by 2029.

RTD received its permit approval for its hydrogen fueling trailer on September 13 and then immediately begin conducting road testing along various. This initiative is part of a strategic pilot program evaluating the operational, maintenance, and infrastructure needs of hydrogen fuel cell technology.

RTD's adoption of hydrogen technology offers a true 1-to-1 replacement for existing diesel buses, providing operational flexibility through lighter vehicle weight and enhanced performance on local roads. Additionally, these buses add a vital layer of resiliency to the transportation network when it comes to maintaining service during natural disasters.

These state-of-the-art hydrogen fuel cell buses address key challenges faced with traditional battery electric buses, such as range limitations and grid reliability issues. These buses are set to enhance operational capacity significantly with an impressive range exceeding 300 miles using Ballard Power Systems' fuel cell modules. Furthermore, each bus achieves a remarkable efficiency rate of 9.16 miles per kilogram of hydrogen, storing up to 37.5 kg of hydrogen onboard. The environmental impact is projected to reduce CO2 emissions by 637.4 metric tons over a 12-year lifespan.

Each bus is valued at \$1,397,883, and the project is supported by the Federal Transit Administration (FTA) Federal 533(a) grant funding, California Air Resources Board (CARB) Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP), Senate Bill 1 State of Good Repair funds, Measure K, and Congestion Mitigation and Air Quality (CMAQ).

RTD has entered into a 12-month contract with Linde to supply hydrogen and the use of a 500 kg gaseous hydrogen trailer manufactured by BayoTech for fueling. A short-term plan is underway to procure a portable liquid hydrogen trailer that promises cost

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efficiency and increased storage capacity. The evaluation phase includes a 3-year pilot program to assess technology effectiveness and potential expansion to a hydrogen station supporting 20-50 buses following the success of this pilot program

"We are honored to pioneer the journey toward sustainable transit solutions in our community," said RTD CEO Alex Clifford. "This initiative not only signifies our investment in cutting-edge technology but also in a cleaner, more efficient, and resilient future."

San Joaquin Regional Transit District (RTD) is the regional transit provider for San Joaquin County. RTD's mission is to provide a safe, reliable, and efficient transportation system for the region. For more information, visit [sjRTD.com](http://sjRTD.com), follow RTD on Facebook, Instagram, and Twitter, or call (209) 943-1111.

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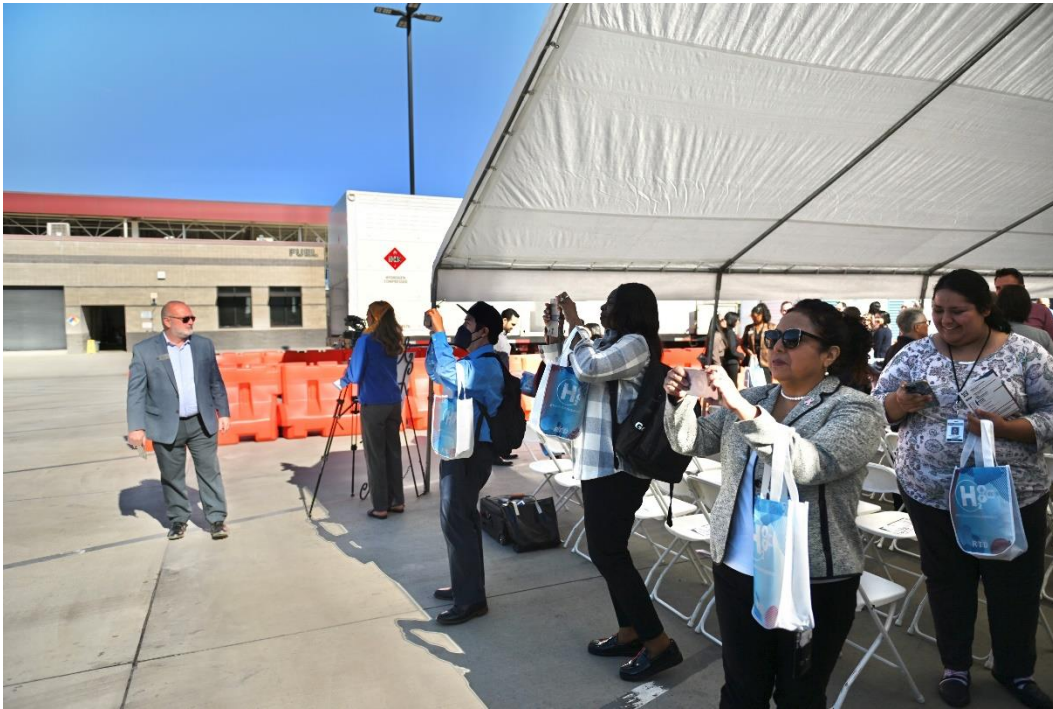
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