

# Foothill Transit Launched Hydrogen Fuel Cell Buses This Week



December 15, 2022

LA County's first hydrogen fuel cell buses launched into service on Line 291 this week. And 30 more are coming to a neighborhood near you.

Simply put, hydrogen tanks on top of the bus hold liquid hydrogen which enters the fuel cell stack, mixes with oxygen from outside air and produces a chemical reaction that creates three products — electricity, heat, and water vapor. The electricity goes to charge the lithium batteries to drive the propulsion system, the heat is used for the heater inside the bus during winter months and water vapor is the exhaust. Zero air pollutants, and zero greenhouse gases.

**Foothill Transit** has been committed to clean and sustainable transportation since 2010.

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