



Technology Symposium For Transit Buses: Infrastructure

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Alternative and Renewable Fuel and Vehicle Technology Program

- Assembly Bill 8 (Perea, Chapter 401, Statutes of 2013)
- Extends ARFVTP funding through January 1, 2024 at \$100 M / year
- Transform California's transportation market into a diverse collection of alternative fuels and technologies and reduce California's dependence on petroleum.
- “...develop and deploy innovative technologies that transform California’s fuel and vehicle types to help attain the state’s climate change policies.” (Health and Safety Code Section 44272(a))



Investments in Alternative Fuel Infrastructure

Fuel Type	Infrastructure (Units)*	ARFVTP (M)
Electric	7,490	\$40
Hydrogen	49	\$80.9
Natural Gas	65	\$21.0
TOTAL	7,604	\$141.9

Source: <http://www.energy.ca.gov/2015publications/CEC-600-2015-014/CEC-600-2015-014-SD-REV.pdf>



Investments in Alternative Fuel Buses

Fuel Type	# of Projects	# of Units	ARFVTP (M)
Electric (PHEV/BEV)	8	28	\$17.1
Fuel Cell	4	7	\$8.5
Natural Gas	1	6-10	\$2.0
TOTAL	13	41 - 45	\$27.6



Recent Solicitations

Bus Demonstration (PON-14-605)

- 14 of 35 applications received
- 5 awards (\$13.6M)
- \$28.4M total match share
- Awardees:
 - 19 demo buses
 - 832,872 demo miles
 - 252 demo months
- Total Request
 - 42 demo buses
 - 1,272,150 demo miles
 - 164 demo months

Bus Manufacturing (PON-14-604)

- 5 of 13 applications received
- 2 awards (\$6.0M)
- \$13.6M match share
- Awardees:
 - Proterra
 - TransPower