

12 ZEB Demonstration and Facility Improvements

Estimated Cost: \$19.5 million*

Secured Funding: \$19.5 million

Year of Completion: 2005

Project Description: VTA procured three 40-foot low-floor zero-emission fuel-cell bus (ZEB) to comply with California Air Resources Board's (CARB) regulation to reduce nitrogen oxide and particulate matter emitted by public transit buses. Facilities were modified, a hydrogen fueling station was installed, and training was provided for staff, emergency responders, and others. The three ZEBs started revenue service in February 2005. Project is closed.

Project Status: Project was in closed. The three ZEB buses were decommissioned in 2016 and facilities repurposed.

Project Cost:

Project	Total Estimate	Total Estimated Cost (in \$M)			Incurred through Dec 2018 (in \$M)			Status
		Others	Measure A	TBD	Others	Measure A	Total	
3 Zero Emission Buses (Pilot Program)	\$ 14.7	\$ 11.5	\$ 3.2	\$ -	\$ 11.4	\$ 3.2	\$ 14.7	Completed
Zero Emission Buses Facility Improvements	\$ 4.8	\$ 2.4	\$ 2.4	\$ -	\$ 2.4	\$ 2.4	\$ 4.8	Completed
Total	\$ 19.5	\$ 13.9	\$ 5.6	\$ -	\$ 13.9	\$ 5.6	\$ 19.4	

Project Schedule: Project completed in 2005