

**SB 1 (Chapter 5, Statutes of 2017) State of Good Repair Program  
Recommendations for Fiscal Year 2019-20 Funds Project Descriptions**

**iShuttle Bus Replacement**

The Orange County Transportation Authority (OCTA) manages and operates the iShuttle service on behalf of the City of Irvine (City) through OCTA's contracted fixed-route agreement. The existing iShuttle buses are 27-foot cutaway type buses, which operate on compressed natural gas and provide seating for 20 passengers. OCTA is planning to replace these buses with heavy duty buses that would seat up to 23-29 passengers and have a 12-year useful life for the replacement buses. This project also includes contracted in-plant inspection services for the iShuttle replacement buses.

OCTA is supporting the bus replacement as part of the Proposition 116 fund exchange agreement with the City. That agreement allows OCTA to use whatever fund source is most appropriate for the regional reimbursement activity. Additionally, the agreement states that the City will contribute ten percent of the iShuttle Program costs which includes bus purchases.

**Emergency Standby Power Generator**

This project is for the replacement of the existing emergency power standby generators at the Anaheim and Irvine Construction Circle (IRCC) bus bases. The existing 300-kilowatt generator unit at the Anaheim bus base is 30 plus years old, beyond its useful life, and in need of replacement. The existing 150-kilowatt generator at the IRCC base is old and undersized. The work includes installation of new, energy efficient standby power generators and switchgear, and related work in compliance with Southern California Air Quality Management District.

**El Dorado Cutaway Bus Replacement**

On May 14, 2019, OCTA submitted a grant application request for \$4.086 million in Federal Transit Administration (FTA) Low-No Program funding to purchase 11 40-foot zero-emission battery electric buses and the associated charging equipment needed to deploy them. OCTA is requesting additional State of Good Repair (SGR) funding to contribute to the required non-federal match for these federal funds. OCTA anticipates award notification for the FTA Low-No Program in late summer or early fall 2019. In the event that OCTA's application is unsuccessful, these additional SGR funds will still be applied to the future purchase of zero-emission battery electric buses replacement buses.

Six of these 11 40-foot zero-emission battery electric buses will replace existing cutaway buses that have met their useful life and provide a clean zero-emission battery electric buses transit option for the many disadvantaged communities located in the core service area of the County of Orange.