

**Orange County Transportation Authority  
Low Carbon Transit Operations Program – Project Descriptions**

**40 Hydrogen Fuel Cell Electric Bus Project**

The project includes the acquisition of 40 zero-emission hydrogen fuel cell battery-electric buses for expanded piloting of zero-emission buses in OCTA's service patterns. The buses will be Orange County Transportation Authority (OCTA)-equipped with seating for 37 passengers or 32 passengers and two wheelchairs, internal and external camera system, Wi-Fi, and mobile routers, farebox equipped for mobile ticketing radio system, automatic vehicle locator, and a three-position bicycle rack. Consistent with OCTA's Comprehensive Business Plan, OCTA projects the useful life of these buses to be 18 years.

**Bravo! 529 Rapid Bus Service Operations**

Bravo! 529 Rapid Bus Service operates weekdays between 6:00 AM and 7:00 PM along Beach Boulevard serving 13 stops from the Fullerton Park-and-Ride facility to the Goldenwest Transportation Center and provides service to the cities of Anaheim, Buena Park, Fullerton, Garden Grove, Huntington Beach, Stanton, and Westminster. The service has increased transit ridership, reducing single-occupant vehicle travel and associated vehicle miles traveled. The Bravo! 529 Rapid Bus Service serves communities that are identified as disadvantaged communities under SB 535 (Chapter 830, Statutes of 2012) and AB 1550 (Chapter 369, Statutes of 2016).

**Bravo! 553 Rapid Bus Service Operating Subsidy**

Bravo! 553 Rapid Bus Service operates weekdays between 6:00 AM. to 8:00 PM along Main Street serving 15 stops from the Anaheim Regional Transportation Intermodal Center to MacArthur Boulevard and provides service to the cities of Anaheim, Orange, and Santa Ana. The service is limited-stop, which speeds up travel times, and operates with a combination of near-zero and zero-emission vehicles. The Bravo! 553 Rapid Bus serves communities that are identified as disadvantaged communities under SB 535 (Chapter 830, Statutes of 2012) and AB 1550 (Chapter 369, Statutes of 2016).

**Youth Ride Free Program**

OC Bus 360°, OCTA's comprehensive plan to improve bus service from all angles, identifies youth as a key audience for bus service growth. Beginning in September 2021, OCTA began offering subsidized youth passes to youth aged 18 and under. The free transit service allows this transit-dependent group to reach destinations such as home, schools, parks, and other recreation centers at no cost. From October 2019 to October 2023, countywide youth boardings doubled with an increase of 165,376.