

**State of California
Air Resources Board
Board Item Summary**

Item # 22-15-3: Proposed Contract with the University of California, Davis Titled “Research Study: State of Zero-Emission Vehicle Secondary Market and Accessibility Impacts in California’s Underserved Communities”

Staff Recommendation:

The California Air Resources Board (CARB or Board) staff recommends the Board approve funding for the proposed research contract with the University of California, Davis titled “Research Study: State of Zero-Emission Vehicle Secondary Market and Accessibility Impacts in California’s Underserved Communities.” The execution of this contract will help to support CARB’s goal to expand Zero-Emission Vehicle (ZEV) access in underserved communities.

Discussion:

In August 2022, the CARB Board approved the Advanced Clean Cars II Regulations, which calls for 100 percent of the in-state sales of new passenger vehicles being zero-emission by 2035 and is expected to continue the new ZEV sales momentum. However, only about one-third of California households purchase new vehicles. Therefore, the secondary ZEV market is important to achieving the State’s climate and air quality goals. This project proposes to study the owners of used ZEVs and the flow of ZEVs across state lines to understand the barriers and opportunities that underserved communities face in purchasing used ZEVs and inform related light-duty ZEV incentives and regulations.

Summary and Impacts:

The information that will be gained through this contract will enhance understanding of issues drivers face accessing used ZEVs, which will be helpful to inform implementation of the Advanced Clean Cars II Regulations, as well as the design and implementation of incentive programs. Approval by the Board will authorize staff to put this contract in place to undertake the activities described in this proposal.