

**Board Report**

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**File #:** 2022-0097, **File Type:** Motion / Motion Response**Agenda Number:** 25.

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**OPERATIONS, SAFETY, AND CUSTOMER EXPERIENCE COMMITTEE  
FEBRUARY 17, 2022****Motion by:****DIRECTORS HAHN, SOLIS, MITCHELL, BUTTS, AND BONIN****J Line (Silver) Electrification Motion**

The Metro J Line (Silver) Bus Rapid Transit service offers a single-seat ride, spanning 38 miles from San Pedro to El Monte. This high-quality bus line serves tens of thousands of riders daily, connecting them to jobs in Downtown LA, dozens of rail and bus lines, and Union Station.

The J Line is the next line set for electrification, with the Metro G Line (Orange) having recently gone fully electric. To ensure the success of this new technology, Metro staff have been evaluating locations for new en-route charging facilities and have identified the El Monte Bus Terminal and the Harbor Transit Gateway Center as the best-available locations.

As part of the NextGen Bus Plan, approved by the Board in October 2020 (Board File 2020-0617), Metro staff recommended terminating the J Line at Harbor Transit Gateway Center, in part owing to challenges with battery electric buses with limited range and Metro's difficulty finding a suitable en-route charging location in San Pedro. In order to maintain the current single-seat ride to San Pedro, the Board unanimously approved Motion 40 in November 2020 (Board File 2020-0781), which directed Metro to meet with numerous agencies about the possibility of locating charging facilities in San Pedro and to provide recommendations to fully electrify the J Line from El Monte to San Pedro.

In January 2022, Metro staff stated in their discussion of Motion 40 that, with a change order to the existing procurement for 100 electric buses on the J Line (Board File 2017-0304, July 2017, and Board File 2019-0605, September 2019), new technology could be installed that extends the range of these buses and ensures that efforts to go fully electric on this important line will not impact service.

**SUBJECT: J LINE (SILVER) ELECTRIFICATION MOTION****RECOMMENDATION**

APPROVE Motion by Directors Hahn, Solis, Mitchell, Butts, and Bonin to direct the Chief Executive Officer to return to the Board with a change order for the 100 electric buses designated for the J Line, to extend the range of these buses and to provide the single-seat ride requested by this Board.