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Caltrain Modernization Program

2020

Electrification

Peninsula Corridor Electrification Project

PROJECT DESCRIPTION

The Peninsula Corridor Electrification Project (PCEP) is a key component of the Caltrain Modernization program. The PCEP would electrify the Caltrain Corridor from San Francisco's 4th and King Caltrain Station to approximately the Tamien Caltrain Station, convert diesel-hauled to [Electric Multiple Unit \(EMU\) trains](#), and increase service up to six Caltrain trains per peak hour per direction. Operating speed will be up to 79mph, which is what it is today.

- To download the fact sheet about the PCEP, please click [here](#).
- To download the Frequently Asked Questions, please click [here](#).
- To watch the Caltrain Modernization Video, please click [here](#).

PURPOSE AND NEED FOR THE PROJECT

The primary purpose of the Project is to improve Caltrain system performance, reduce long-term environmental impact by reducing noise, improving regional air quality and reducing greenhouse gas emissions as well as compatibility with separate later use for blended service (future combined use of the corridor by both Caltrain and high speed rail). An electrified Caltrain system would better address Peninsula commuters' vision of increased service and improved travel times in an environmentally friendly and reliable way. This also is expected to help accommodate increase system ridership through improved system operations.

CURRENT PROJECT ACTIVITY

On January 8, 2015, the Caltrain Board of Directors approved and certified the PCEP Final Environmental Impact Report (FEIR) for the planned electrification of the Caltrain corridor between San Jose and San Francisco, a major milestone in the railroad's efforts to improve its commuter rail service. For more information about the FEIR, click [here](#).

The Request for Proposals for the electrification and vehicle contracts are expected to be released and awarded in 2015. For more information about the procurement, click [here](#).

Project Schedule:

For more information, click [here](#).

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What's New

- ➔ [PCEP DB RFP](#)
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- ➔ [New Cost and Schedule](#)

Capital Project Links

- [Corridor Electrification](#)
- ➔ [Peninsula Corridor Electrification Project \(PCEP\)](#)
- [Advanced Signal System](#)
- ➔ [CBOSS PTC](#)

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