

**DOCKETED**

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*Comment Received From: Siemens  
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## **Siemens Comments on Reliability Workshop**

*Additional submitted attachment is included below.*



VIA ONLINE SUBMISSION

November 14, 2022

RE: Electric Vehicle Charging Infrastructure Reliability Workshop October 21 (Proceeding 22-EVI-04)

Dear Energy Commission Staff:

Siemens appreciates the opportunity to provide feedback in response to the Electric Vehicle Charging Infrastructure Reliability workshop the Commission hosted on October 21, 2022. We applaud staff's advanced engagement on this important topic starting with the previous workshop in March 2022 and leading up to the implementation of Assembly Bill (AB) 2061 (Ting, 2022).

#### **About Siemens eMobility**

Siemens is the first corporation of its size to commit to being net-zero carbon by 2030 including a full transition to clean transportation. We are motivated by the goal of driving socio-economic benefits that stem from reducing GHG emissions and adoption of clean energy. Siemens provides over 40,000 well-paying jobs at hundreds of facilities across the U.S., generating tens of billions of dollars of economic activity. With the intent of generating business efficiencies for our customers at workplaces, transit, government, utilities, fleet and other segments, Siemens manufactures/assembles many of its EV chargers and EVSE electrical components in the U.S. Siemens's eMobility product portfolio encompasses hardware, software and services that are currently deployed across America and in 35 countries globally. Our solutions are geared to maximize the abilities of electric vehicles to act as Distributed Energy Resources as well as their use in effective harnessing of renewable resources.

#### **Use of Open Charge Point Protocol (OCPP) for Data Reporting**

Siemens has a long tradition of promoting open standards. Such standards enable interoperability between technologies of different providers and generate benefits in reducing prices and enhancing functionality through increased competition, lowering the risk of stranded assets, and protecting the ability of consumers to continue to choose their technology providers and avoid vendor lock-in.

OCPP is supported by virtually every charger manufacturer, including Siemens, and provides interoperability in the communications link between chargers and back-end software. Siemens supports the inclusion of OCPP in the Commission's technology requirements and notes that OCPP is one of the standards included in the Federal Highway Administration's proposed technology guidelines for the National Electrical Vehicle Infrastructure program.

OCPP is utilized effectively for charger management, payment processing, load management, and other functions. Among these is the collection of charger operational data and charging session data. These capabilities make OCPP useful for the collection of data to assess charger reliability and uptime.



**Conclusion**

Siemens appreciates the opportunity to submit these comments.

Sincerely,

A handwritten signature in blue ink that reads "Chris S. King".

Chris King  
SVP eMobility Strategic Partnerships  
Siemens  
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