

DOCKETED

Docket Number:	16-TRAN-01
Project Title:	SB 350 Transportation Electrification (Publicly Owned Utilities)
TN #:	213942
Document Title:	Steve Uhler Comments: Where are SMUD's 103 EV charging stations?
Description:	N/A
Filer:	System
Organization:	Steve Uhler
Submitter Role:	Public
Submission Date:	10/10/2016 12:20:23 PM
Docketed Date:	10/10/2016

Comment Received From: Steve Uhler

Submitted On: 10/10/2016

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Where are SMUD's 103 EV charging stations?

Where are SMUD's 103 EV charging stations spoke of in this SMUD video clip?

Clip supplied as a youtube video as the file size exceeds CEC docket limits.

Please view this SMUD video clip https://youtu.be/fTo_j-HRTLTY?t=96

Rep. Matsui Announces \$127 Million Recovery Dollars for Sacramento Smart Grid, "SMUD will also be able to install 100 electric vehicle charging stations in the Sacramento region as part of this grant"

Please read <https://matsui.house.gov/common/popup/popup.cfm?action=item.print&itemID=2348>

Will the 100 charging stations identify the electricity source, such as Null Electricity or Electricity with Renewable Energy Certificates (RECs). How will the RECs be accounted for and to whom will the RECs be retired.

Only EV charging stations that retire RECs on the behalf of the vehicle owner should be allowed to use the more prestigious ZEV (Zero Emission Vehicle) charging label, placard or signage.

Vehicles that use electricity that RECs are not retired on the vehicle owner's behalf should not be identified as Zero Emission Vehicles (ZEV). The use of Null Electricity has emissions related to its use in electric vehicles and the vehicles should be referred to as E²Vs (E squared Vs) as in External Emission Vehicles until the Grid no longer burns fossil fuel to operate. The public is aware that the Grid burns fossil fuel, zero emission vehicles are not possible with the current Grid design.

ZEV owners that charge at home and want to be "Green" should be told that offerings such as SMUD SolarShares are not renewable energy if the electric utility does not retire the RECs on the ZEV owner's behalf.

Ratepayers that don't use ZEVs should not have to subsidize the RECs. Here is an example where SMUD "bakes into the rates" the cost of SolarShares, SMUD keeps the RECs and does not advertise where they go as the DOE recommends, see this SMUD video clip <https://youtu.be/IKSV4wfmX3o> and RECs on page 9 (PDF page 11) of this DOE document <http://www.nrel.gov/docs/fy11osti/49930.pdf> for more detail.

Seeing that the above is done should improve the move to Zero Emission Vehicles.

ever onward,

Steve Uhler

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