

DOCKETED

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Document Title:	1.17.18 Email from Sy Kham to CEC re Electricity Demands coming from EV starting 2020
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From: Sy Kham <sy.kham@gmail.com>

Sent: Wednesday, January 17, 2018 1:18 PM

To: Cross, Catherine@Energy; McDonnell, Kathleen@Energy

Subject: Is California ready for the electricity demands coming from EV starting 2020?

This is for the commissioners to be advised of the coming surge of electricity demand coming from EV's.

Starting 2020, more car makers will be starting their switch into EV.

For every gallon fuel that Californian's burn to move their car, think of how much electricity will be needed from the grid to replace that fuel?

A gallon of fuel has more BTU (energy) than solar, gas, coal space for space and energy for energy.

So that means CA will need LOTS of electricity to help make this switch from fuel to electric cars.

I do not think that CA electric infrastructure currently can meet the demand for the coming surge of EV's. Policies and investments need to be made soon as not to have an energy crunch when this demand hits. We may experience more rolling blackouts as more EV's come online because of this energy imbalance between fuel to electricity.

No response is needed. This is really FYI.

Sy