

DOCKETED

Docket Number:	15-MISC-04
Project Title:	Fuels and Transportation Merit Review
TN #:	224997
Document Title:	Brian Kolodji Comments ZEVs require more power plants
Description:	N/A
Filer:	System
Organization:	Brian Kolodji
Submitter Role:	Public
Submission Date:	10/16/2018 2:47:09 PM
Docketed Date:	10/16/2018

Comment Received From: Brian Kolodji
Submitted On: 10/16/2018
Docket Number: 15-MISC-04

ZEVs require more power plants

Mass utilization of ZEVs will require increased power usage as a result of electricity charging requirements for the ZEVs. This requires additional power plants. Has anyone looked at the amount of power required to charge 30 Million vehicles? To convert all gasoline driven cars in California consuming about 15 billion gallons of gasoline, is the equivalent of 550 Thousand Gigawatt-Hours of energy. Per the CEC's 2018 Integrated Energy Policy Report, as of 2017, less than 90 Thousand Gigawatt-Hours of power are available from renewable energy sources. With the renewable energy power supply expected to be less than double (180 Thousand Gigawatt-Hours) by 2030, this means constructing more power plants, using fossil fuels. With these facts, is it reasonable to consider capturing CO₂ at the fossil fuel fired stack as an infrastructure supporting ZEVs, and required to reduce GHG emissions and become carbon neutral by 2045, per Governor Brown's recent Executive Order H55-18?