DOCKETED	
Docket Number:	18-IEPR-04
Project Title:	Energy Demand Forecast Update
TN #:	226031
Document Title:	Kolodji Corp Comments Impact on power required by ZEVs not included in IEPR or Forecast
Description:	N/A
Filer:	System
Organization:	Kolodji Corp
Submitter Role:	Public
Submission Date:	12/6/2018 11:34:26 AM
Docketed Date:	12/6/2018

Comment Received From: Kolodji Corp Submitted On: 12/6/2018 Docket Number: 18-IEPR-04

Impact on power required by ZEVs not included in IEPR or Forecast

ZEVs are expected to replace gasoline driven cars if a carbon neutrality is to be achieved in 25 years (2045) per Governor Brown's Executive Order B55-18. Per the California Energy Commission, the Total System Electric Generation in produced in state CA in 2017 is 206,337 GWH. Renewable Energy derived power is 61,183 GWH or about 30%. Natural Gas Derived power is highest at 89564 GWH or 43%. The concern is that if all gasoline driven cars are converted to Electric Driven (Zero Emission Vehicle) Cars then 15.1 billion gallons of gasoline energy must be provided as approximately 663,717 GWH. This adds more than triple the electric power required by the total system electric generation to the total system electric generation. Meaning when ZEVs replace gasoline driven cars, the power required raises from 200,000 GWH to almost 900,000 GWH. Has the power required for ZEVs been included in the forecast??? This leads to the corollary question of how is this electric power going to be provided? Looking at the PV and other renewable forecasts, this is not been considered.