

# Visualization Tool for Electric Vehicle Charge and Range Analysis

## Electric vehicles-benefits and challenges



### Introduction

The Government has introduced several incentives to encourage people to shift towards electric vehicles. Several car manufacturers consider electric cars as a complete alternative to the existing automobiles. Besides this, several improvements in the efficacy of battery along with increase in mileage can add up the advantages of electric vehicles thus providing worldwide recognition.

### Government Outlook

India's NITI Aayog (Planning Commission) and Rocky Mountain Institute submitted a report entitled 'Transformative Mobility Solutions for India', which urges the government to shift completely towards geared transportation system involving electric vehicles by 2030.

“If we accelerate electric vehicle growth it will be a disruption for the auto sector and would require investment, but if we're not able to adapt quickly we risk being net importers of batteries,” according to an government source involved in the plans.