



## ABSTRACT

**Paper title:** Electric Vehicles and their policy implications for Vehicle to Grid technology

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### Abstract:

The Vehicle to Grid (V2G) concept has appeared in recent times to offer a solution to how a fluctuating renewable energy source can be fed into a regional electricity grid system. The plug-in electric vehicle (PEV) has battery storage capacity which can be made available to grids through Smart Grid control systems. This paper will examine how this intriguing policy option, to which governments around the world are committing huge amounts of money, can be made feasible.