



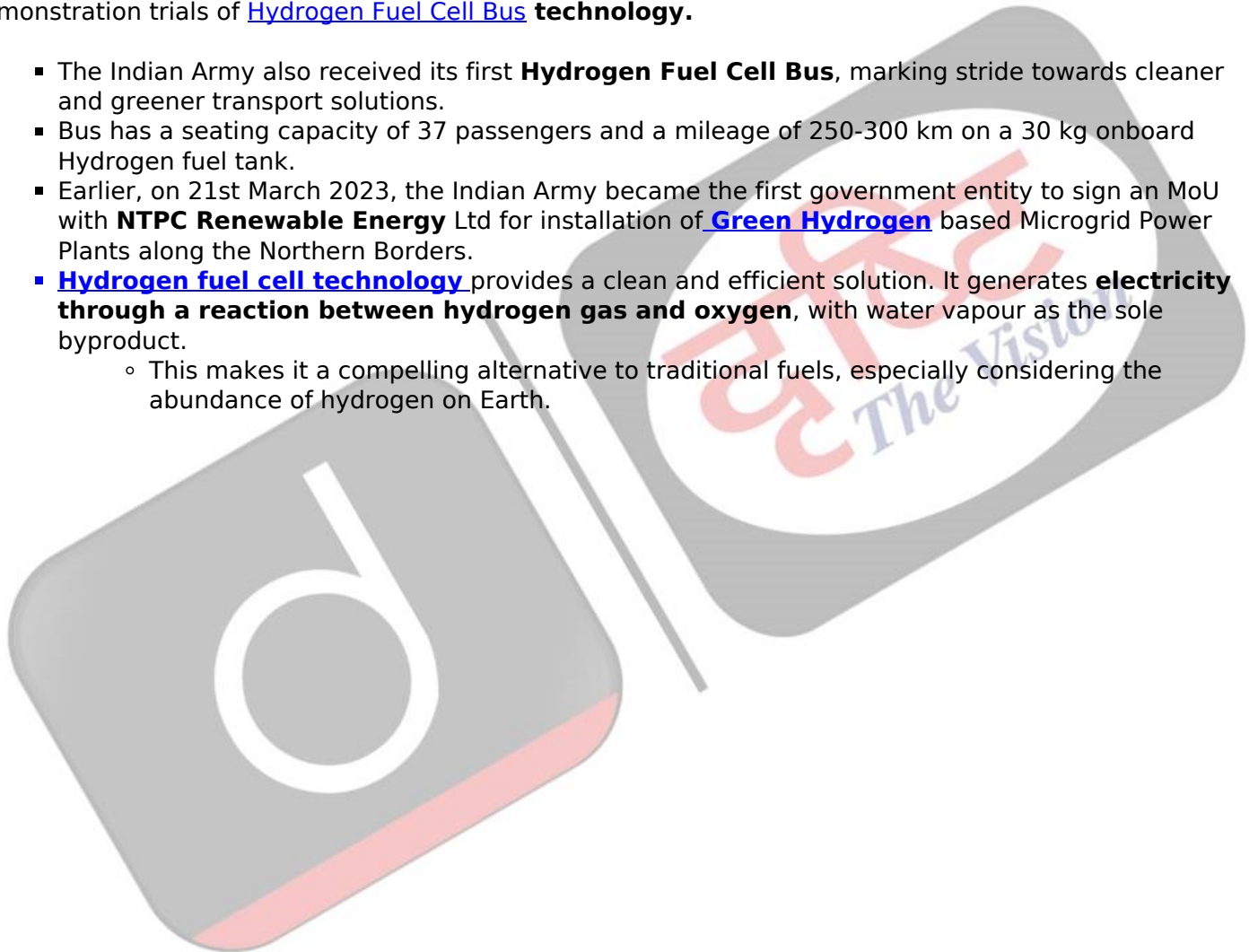
Indian Army Received Hydrogen Buses

[Source: PIB](#)

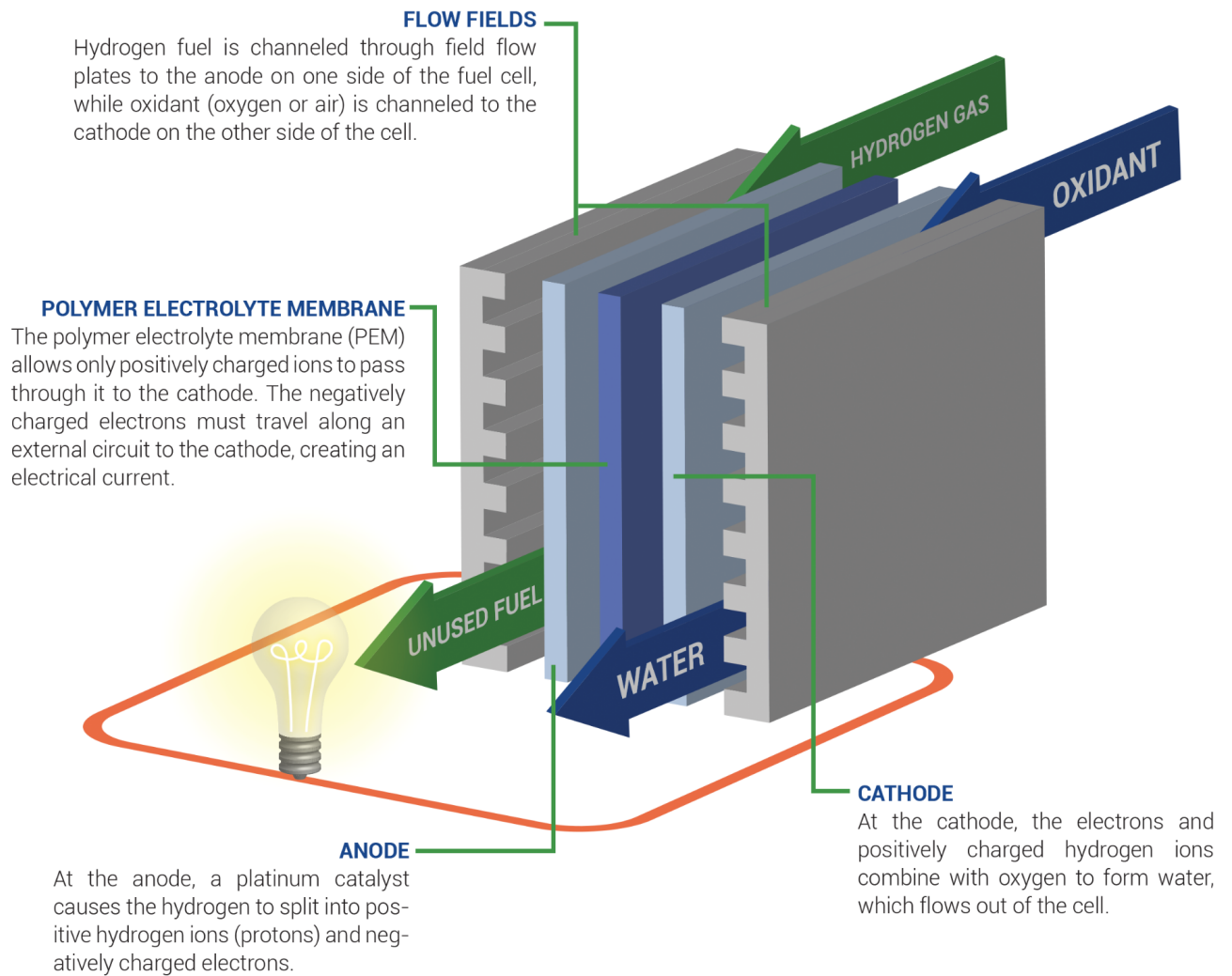
Recently, the **Indian Army** has collaborated with **Indian Oil Corporation Limited (IOCL)** for demonstration trials of [Hydrogen Fuel Cell Bus technology](#).

- The Indian Army also received its first **Hydrogen Fuel Cell Bus**, marking stride towards cleaner and greener transport solutions.
- Bus has a seating capacity of 37 passengers and a mileage of 250-300 km on a 30 kg onboard Hydrogen fuel tank.
- Earlier, on 21st March 2023, the Indian Army became the first government entity to sign an MoU with **NTPC Renewable Energy** Ltd for installation of [Green Hydrogen](#) based Microgrid Power Plants along the Northern Borders.
- [Hydrogen fuel cell technology](#) provides a clean and efficient solution. It generates **electricity through a reaction between hydrogen gas and oxygen**, with water vapour as the sole byproduct.
 - This makes it a compelling alternative to traditional fuels, especially considering the abundance of hydrogen on Earth.

//



HOW DO HYDROGEN FUEL CELLS WORK?



Read more: [Hydrogen Fuel Cell](#), [India's first Indigenous Hydrogen Fuel Cell Ferry](#), [First Green Hydrogen Fuel Cell Bus](#)

PDF Reference URL: <https://www.drishtias.com/printpdf/indian-army-received-hydrogen-buses>