

EV Batteries Value Prop

November 2024





EV Batteries Value Proposition for Ontario's Electricity Grid and EV Owners

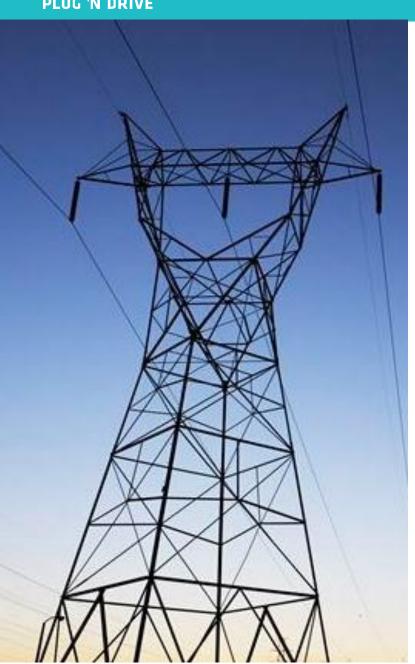








Summary – What we looked at



- Mobile Storage and Second-Life Battery Use
- Value to EV Owners and Workplaces
- Electricity System Impacts
- Value to the Electricity System



Value to Electricity System

- Ontario's electricity sector could realize up to \$129 million in benefits per year
- More efficient use of surplus baseload generation, reduce system costs
- Each EV is potentially worth \$38,000 during its lifetime





How to get the report

plugndrive.ca/publications





Thank you to the funder of this research!





EV Batteries Value Proposition for Ontario's Electricity Grid and EV Owners A Preliminary Cost and Benefit Assessment | Full Report July 2020