



Environmental Assessment

Potential environmental impact of 2nd life batteries

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Use of battery storage systems in stationary applications

**Store
electricity
from
renewable
sources
otherwise
partially lost
(e.g. in Germany)**

**Allow for
higher overall
renewable
electricity
generation**

**Provide
primary
operation
reserve**

**Reducing
temporary
re-dispatch of
generation
from fossil
plant**

- **Less non-renewable resources consumed**
- **Less emissions in most cases**

- **Conventional power plants can operate more constantly and more efficiently...**

Using an EV 2nd Life Batteries

2nd Life = better environmental impact of the EV

- **Less use of limited resources**
- **Less emissions**

In some cases the environmental benefit can be higher if the car battery is not dismantled

