

Car Battery Power Reservoir

Energy Grid Storage Solution



THE PROBLEM

- Wind and solar power generation are intermittent.
- Wind and solar power generation is often out-of-sync with demand.
- Insufficient storage to capture wind and solar energy when it is generated.

Infinity Robotics sponsored research demonstrates that 25% of used car batteries remain viable for energy storage.

THE SOLUTION

- Divert viable used car batteries for use in a grid reservoir facility.
- Charge the batteries in the facility when production is greater than demand.
- Supplement from the reservoir when demand is high.
- Increase the efficiency of nuclear and coal power plants.
- Lower CO2 emissions by minimizing the need for fossil fuels.
- Recycle batteries from the facility when they're no longer viable.