

Name _____

A Second Life for Clean Energy

Answers

1. When electric car batteries are no longer usable, they are taken for recycling.
2. Electric car batteries are taken to specialized recycling centers for processing.
3. Batteries that can still hold a charge and are in good condition may be refurbished and used in other applications like energy storage systems or powering smaller devices.
4. Valuable materials are extracted from batteries through a process called smelting, which involves heating the cells to high temperatures to break them down into their component elements.
5. Recycling electric car batteries is important for the environment because it reduces the demand for mining new resources, minimizes waste, and helps create a circular economy by reusing and repurposing materials.

