Copper used in Renewable Energy

Copper in wires and cables also plays a central role carrying the electrical current from renewable energy systems to where it needs to go — whether that's to a battery fuel cell or the electrical grid.

Copper used in Electric Vehicles

Cars use a lot of copper
- Conventional cars = 16-49 lbs
- Hybrid electric vehicles = 85 lbs
- Plug-in hybrid electric vehicles = 132 lbs
- Battery electric vehicles = 183 lbs

Various Control Systems
- Battery
- Brake System
- Cooling System
- Energy Transformation System

Wiring throughout vehicle
- Battery
- Motor
- Bearing
- Brake System
- Cooling System
- Energy Transformation System

Generators for wind, tidal, hydro, biomass, and geothermal all contain copper.