o Electricity (electrical energy) is one of the many forms of energy.o Hint: Use the fan example to analyze the steps of forming or generating the electrical energy from the source to the user Electrical energy is generated, distributed and utilized as follows 1 1.The electrical source or generator produces electricity 2 1.The conductor (wires or cables) transfer electrical energy from the electrical source to the load (users).oApply a practical experiment of connecting a basic circuit oConductors: Iron, Copper, Aluminum oInsulators: Wood, Rubber & Porcelain Answer Q4&5 in PF WS 1 Wire of copper as a conductor o Wires are made of copper, to connect each element in an electrical circuit with the other o When using wires (conductors) to connect a voltage source with a bulb, we enable the current to follow through the wire to reach the bulb and light it up Now its connected through a conductor!!The electrical circuit we just connected is a basic/simple electrical circuit that consists of: basic/simple electrical circuit: both drawing are correct, choose the easier for you Answer Q7 in PF WS 1 + – Power Source Load Conductor R1 The three main elements in an electrical circuits: POWER SOURCE CONDUCTORS A LOAD Answer Q6 in PF WS 1 o What is flowing though the wire ?3 1.The load transforms electrical energy into the kind of energy required (kinetic in a fan, thermal (heat) in a heater, etc.).Because voltage ?push the electricity o What is ohm's law indicating about voltage