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scientist George
Johnstone Stoney
(1826-1911)

suggests
electricity must
be "built" out
of tiny

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charges. He coins the name "electron" about 20 years later.

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types of
electrical
signals , those
being
alternating
current (AC) ,

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Step 2:
Circuits. A
circuit is a
complete and
closed path
through which
electric current
can flow. In
other words,
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electrical
energy is
converted to
other forms of
energy, and vice
versa. For
example, when a
battery supplies
power, chemical
energy converts
into electrical
energy.

Similarly, a
bulb lights up

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Basic as a result of
converting
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energy into
light energy.

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the processing
of electrical
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commenting on
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