

Born in Croatia  
1856

Bright, inquisitive,  
eccentric child

Develops rotating  
magnetic field  
device

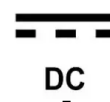
1884 arrives in New  
York working for  
Thomas Edison

Redesigns Edison's  
Direct Current (DC)  
generators

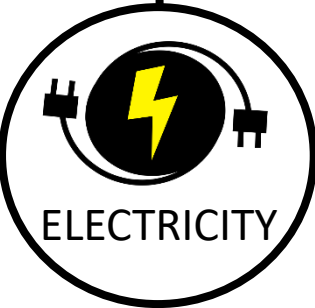
Leaves Edison to  
develop Alternating  
Current (AC) generators

Patented over 700  
inventions: hydro-  
power, x-ray, wireless  
communication

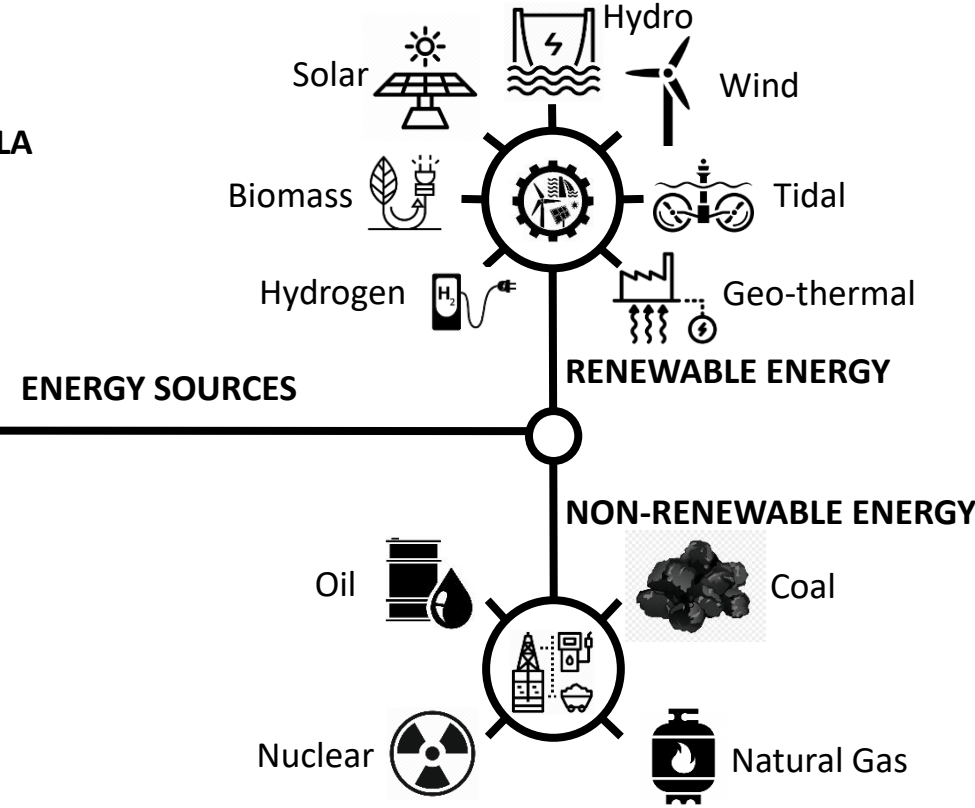
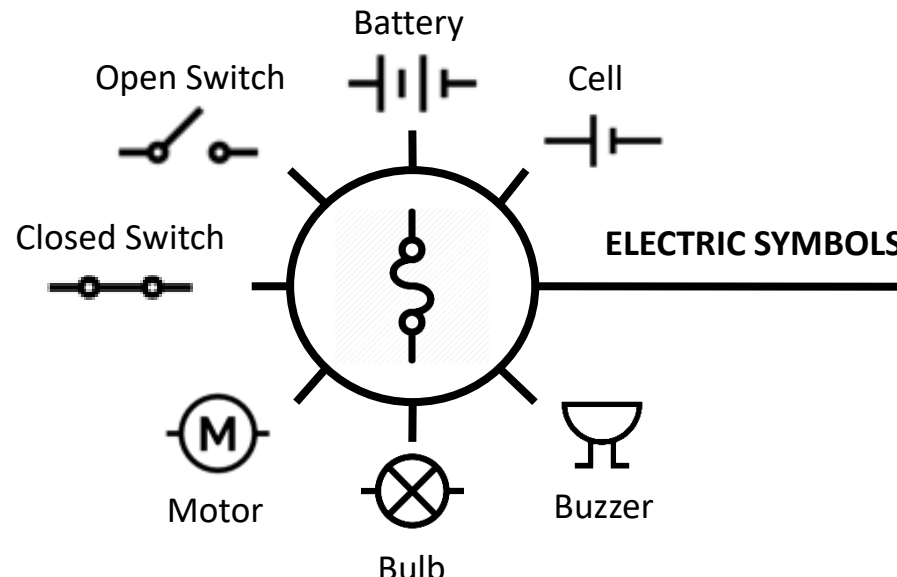
Died 1943 many of  
his inventions still  
used today



NIKOLA TESLA



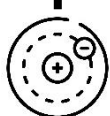
ELECTRICITY



THE FACTS



Electricity is a  
form of energy



Electrical charge  
is carried by  
flowing electrons



Humans use  
generators to  
create electricity



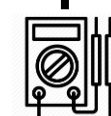
Electrical energy can  
be converted into  
other types of energy



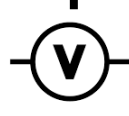
**Current** – the amount  
of electricity flowing  
through the circuit



**amps** are used to  
measure electrical  
current.



**Voltage** is a force  
that makes  
electricity move



**Volts** are used to  
measure voltage