

constructing electrical loops results in energy shifting

power sets how energy accumulates in stores—the rate at which energy is shifting.  
 $P=I \times V$

the current in every element of a simple

current is rate of charge flow

the current in each element is set by choices about the circuit

voltage is set when you chose the batteries

the resistance of a circuit is set when you choose the elements and how they're connected

voltage drives current

flow set by resistance and potential difference:  
 $I=V/R$ ,  
in any complete loop

resistance impedes current