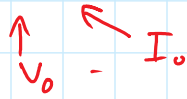


Power is measured in Watts (Kw, Mw)

Revel stoke 2480 Mw  
 Bennett 2876 Mw  
 Site 1100 Mw

Power  $P=VI$  - produced by a battery (output power)



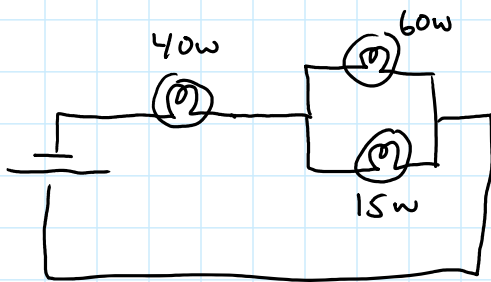
Power used by a device (light, resistor)

$$P = V \cdot I$$

$$P = (IR)I = I^2R$$

$$P = V \cdot \left(\frac{V}{R}\right) = \frac{V^2}{R}$$

In a circuit (series, parallel or combo) the total power used by all devices = power supplied by the battery



Output Power = 115w

Electric Circuits III: Power omit #4, #7

$V_o$	$I_o$	$R_{eq}$	$P_o$
$V_o$	$I_o$	$R_i$	$P_i$
		$\vdots$	

- 1) 4.5w, 2) 13w, 3) 25w  
 5) 1.7w, 6) 36w, 8) 290w  
 9) 192Ω