

Exercici 3

a)

$$E_{\text{cons}} = m p_c = 78,45 \text{ kWh} = 282,4 \text{ MJ}$$

b)

$$E_{\text{útil}} = E_{\text{cons}} \eta = 69,82 \text{ kWh} = 251,4 \text{ MJ}$$

$$c_e = \frac{p}{E_{\text{útil}}} = 85,93 \times 10^{-3} \text{ € / kWh}$$

c)

$$t = \frac{m}{q_{\text{pèl}}} = 10,11 \text{ h}$$

d)

$$m_{\text{cendra}} = m r_{\text{cendra}} = 105 \text{ g}$$

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