

Non-standard conditions



$$\Delta G = -nF\xi$$

$$\begin{aligned}\Delta G^{\circ} &= -(2 \text{ mol e}^{-}) (96,500 \text{ C/mol e}^{-}) (0.46\text{V}) \\ &= -89 \text{ kJ}\end{aligned}$$

$$\begin{aligned}\Delta G &= -(2 \text{ mol e}^{-}) (96,500 \text{ C/mol e}^{-}) (0.44\text{V}) \\ &= -85 \text{ kJ}\end{aligned}$$