

**Imagine a hypothetical 16 turbine wind farm somewhere in England, with a total capacity of 32 MW.**

**Assuming £20 per MWh as an approximate and reasonable wholesale electricity price, and £45 as an approximate price for Renewable Obligation Certificates (ROC), we can calculate the total likely output and income:**

$$\begin{aligned} & 32 \text{ MW (total capacity)} \times 8760 \text{ (hours in a year)} \times 0.241 \text{ (2003 load factor)} \\ & = 67,557 \text{ MWh.} \end{aligned}$$

**Thus we can calculate the likely income each year from the ROC system:**

$$\text{Electricity income: } 67,557 \text{ MWh} \times \text{£20 per MWh} = \text{£1,351,140}$$

$$\text{Renewable Obligation Income: } 67,557 \text{ MWh} \times \text{£45 per ROC} = \text{£ 3,040,065}$$

**Total annual income for the developer and landowner: £ 4,391,205**