

# What is the Department for Energy Security and Net Zero (DESNZ)?

**The Department for Energy Security and Net Zero (DESNZ) is a UK government department responsible for ensuring the country's energy security, driving the transition to net zero carbon emissions, and promoting sustainable energy policies. It oversees the development and implementation of strategies to reduce greenhouse gas emissions, improve energy efficiency, and support the adoption of renewable energy technologies in the UK.**

DESNZ plays a pivotal role in shaping the UK's energy and climate change policies, particularly in relation to the built environment. It works closely with the construction, retrofit, and home renovation sectors to ensure compliance with Building Regulations and Approved Documents, such as Part L (Conservation of Fuel and Power) and Part F (Ventilation). The department also supports initiatives like the Future Homes Standard and the Heat and Buildings Strategy, which aim to decarbonise the UK's housing stock.

## **Synonyms:**

- Department for Energy (historical context, pre-2023)
- Energy Security and Net Zero Department

## **Related Terms:**

1. **Building Regulations Approved Document L:** Sets standards for energy efficiency in new and existing buildings.
2. **Future Homes Standard:** A policy framework aimed at ensuring all new homes built from 2025 produce 75-80% fewer carbon emissions.
3. **Heat and Buildings Strategy:** A government plan to decarbonise heating systems and improve energy efficiency in buildings.
4. **Part F (Ventilation):** Building Regulations that ensure adequate ventilation in homes to maintain indoor air quality.
5. **Net Zero Carbon:** Achieving a balance between the amount of greenhouse gases emitted and the amount removed from the atmosphere.
6. **Retrofit:** The process of upgrading existing buildings to improve energy efficiency and reduce carbon emissions.
7. **Energy Performance Certificate (EPC):** A document that rates the energy efficiency of a property on a scale from A to G.

## **Examples in Practice:**

- DESNZ's policies influence the design of new homes, requiring builders to incorporate high levels of insulation, energy-efficient heating systems, and renewable energy sources like solar panels.
- In retrofit projects, DESNZ guidelines encourage homeowners to upgrade their properties with measures such as double glazing, improved ventilation systems, and heat pumps to meet net zero targets.