

# What are smart meters and how do they work?

**1. What is the main purpose of smart meters according to the video?**

- A. To reduce energy consumption in homes
- B. To allow customers to be charged for their exact energy usage
- C. To monitor which appliances use the most electricity
- D. To replace all traditional meters by law

**2. Who can see the information collected by your smart meter?**

- A. Only your energy supplier
- B. You, your supplier and the government
- C. You and your energy supplier
- D. Anyone with access to the smart meter network

**3. What happens when you use the kettle in the demonstration?**

- A. The in-home display turns red
- B. The electricity usage increases by one penny
- C. An alarm sounds to warn about high usage
- D. The smart meter automatically adjusts the tariff

**4. How does the in-home display indicate high energy usage?**

- A. It displays a warning message
- B. It makes a beeping sound
- C. The display wheel changes from green through orange to red
- D. It sends a notification to your mobile phone

**5. What benefit of smart meters does the presenter highlight by showing his gas meter?**

- A. They are smaller than traditional meters
- B. They use less energy themselves
- C. They are more accurate than traditional meters
- D. Readings are sent automatically without having to access the meter

**6. What can users NOT do with the in-home display according to the video?**

- A. Set a budget for energy usage
- B. See which specific appliances are using energy
- C. Track energy usage over time
- D. View yesterday's energy consumption

**7. What information about your energy usage can your supplier see?**

- A. When you're watching Netflix
- B. Which appliances you're using
- C. The total amount of energy used
- D. When you're running your washing machine