

Energy Security Select Committee

Hearing 4

Friday 4th December 2015

Witness Guide for Members

Below are suggested themes and questions. They have been provided in advance to the witnesses to allow them to prepare for the types of issues that Members may be interested to explore. All Members are welcome to ask these questions or pose additional ones to the witnesses via the Committee Chairman.

Themes and Questions

**Dr Wim Melis - Senior Lecturer – Faculty of Engineering and Science
(University of Greenwich)**

- Please introduce yourself and provide an outline of the roles and responsibilities of your post.
- Please discuss the key advantages and disadvantages of fossil fuel energy generation in the UK in relation to energy efficiency and security.
- What are your views on the benefits and challenges of decentralized energy generation?
- To what extent, in your view, is information and awareness around energy efficiency and security widespread within the UK?
- What are the advantages and disadvantages of introducing smart meters with regard to energy security?
- Please discuss the opportunities and challenges associated with energy storage.
- Please discuss the impact of transportation on future energy generation and security within the UK.
- What are, in your opinion, the main issues facing the UK in relation to energy demand and supply?
- Please outline the main issues around energy security and its relationship to the economy and environment.

- What, in your view, can Kent County Council do promote energy security within the county?
- Are there any other issues that you would like to raise with the Committee?