

Question for written answer E-000454/2019
to the Commission
Rule 130
Seán Kelly (PPE)

Subject: Electrification of the energy system

The decarbonisation of the EU heating and transport sectors is one of the key challenges identified in the 2030 clean energy package and the EU's 2050 decarbonisation strategy. The 2050 strategy notes that the large-scale electrification of the energy system, combined with an increase in renewable energy deployment, would reduce the share of fossil fuels in the system.

Can the Commission give details on how its assessments have taken into account:

1. The level of additional electricity demand that would be required for the significant electrification of heating and transport, and how the electricity grid would cope with peak demand in a scenario with significant electrification of heat and transport?
2. The estimated levels of additional related infrastructural investments that would be required to ensure the electricity grid can deal with such an increase in both demand and renewable energy deployment?