



Department for Energy Security & Net Zero

Rt Hon Grant Shapps MP
Secretary of State
Department for Energy Security
& Net Zero
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Baroness Parminter
Chair
Lords Environment and Climate Change Committee
House of Commons
London SW1A 0AA

24 May 2023

Dear Baroness Parminter,

I am writing to you following my appearance before your Committee on 25 April, concerning the work of my Department. I committed to provide you with further details to your questions.

Domestic and Economic Affairs (Energy, Climate and Net Zero) Members

Baroness Boycott asked about the Cabinet Committee that was particularly focused on the delivery of net zero, and who is on this committee. The relevant committee is the Domestic and Economic Affairs (Energy, Climate and Net Zero) Committee.

Domestic and Economic Affairs (Energy, Climate and Net Zero) Committee members:

- Chancellor of the Duchy of Lancaster, and Secretary of State in the Cabinet Office (Chair) - Oliver Dowden MP
- Chancellor of the Exchequer - Jeremy Hunt MP.
- Secretary of State for Foreign, Commonwealth and Development Affairs - James Cleverly MP
- Secretary of State for Energy Security and Net Zero (Deputy Chair) - Grant Shapps MP
- Secretary of State for Science, Innovation and Technology - Michelle Donelan MP
- Secretary of State for Levelling Up, Housing and Communities, and Minister for Intergovernmental Relations - Michael Gove MP
- Secretary of State for Business and Trade, and President of the Board of Trade, and Minister for Women and Equalities - Kemi Badenoch MP
- Secretary of State for Environment, Food and Rural Affairs - Thérèse Coffey MP
- Secretary of State for Transport - Mark Harper MP
- Minister for the Cabinet Office and Paymaster General - Jeremy Quin MP.

- Minister of State (Minister for Energy Security and Net Zero) - Graham Stuart MP

This information is available: <https://www.gov.uk/government/publications/the-cabinet-committees-system-and-list-of-cabinet-committees/list-of-cabinet-committees-and-their-membership#domestic-and-economic-affairs-energy-climate-and-net-zero>

Social Cost of Carbon

Lord Lilley asked whether the department or Government have and use a social cost of carbon, and if so, what is it. HMG has a framework for assessing the cost of carbon when appraising policies as part of supplementary guidance to HMT's Green Book. Determining the cost of carbon is complex and various sources of evidence and application were considered in arriving at the current series of values which focus on the cost of mitigation to meet carbon targets. The focus on the cost of mitigation, rather than "damage costs", reflects external peer review advice and the large degree of uncertainty around damage cost estimates.

The current series was updated in 2021 and is based on information from the Intergovernmental Panel on Climate Change (IPCC) and leading literature. Central carbon values increase from £252/tCO_{2e} in 2023 to £280/tCO_{2e} in 2030 and £378/tCO_{2e} in 2050.

These carbon values are available to all online and ensure that impacts from increasing or reducing emissions are considered during decision making. More detail is available at: <https://www.gov.uk/government/publications/valuing-greenhouse-gas-emissions-in-policy-appraisal/valuation-of-greenhouse-gas-emissions-for-policy-appraisal-and-evaluation> and the values can be found in Annex 1 of the following document: <https://www.gov.uk/government/publications/valuing-greenhouse-gas-emissions-in-policy-appraisal/valuation-of-greenhouse-gas-emissions-for-policy-appraisal-and-evaluation>

Electric Vehicle Charge Points vs Petrol Pumps and the Number of Charging Points in Homes

Lord Duncan asked how many petrol station nozzles there in the UK are, as a means of comparison. APEA data shows there were 8,381 fuel forecourts in the UK in December 2022. This figure is not comparable to EV chargepoints, due to the different way in which plug-in vehicles use charging infrastructure compared to how internal combustion engines refuel with fossil fuels.

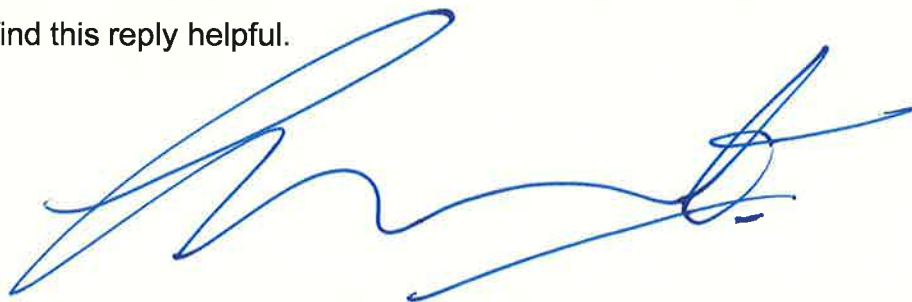
As of the 1 April 2023, the Government and industry have supported the installation of 40,150 publicly available charging devices, of which 4,986 were rapid devices (25kW to 100kW) and 2,661 of which were ultra rapid (100kW plus). Ultra-rapid chargepoints can deliver around 120-145 miles of range in around 15 minutes for a typical electric vehicle, compared to around 45 minutes for a rapid chargepoint.

Lord Duncan also asked for the number of charging points in homes. The Government does not collect data on the total number of domestic chargepoints that have been installed. However, it has provided grant funding for domestic chargepoints since 2013 through the Chargepoint Grants scheme and its predecessors. As of the 1 January 2023, over 377,000 domestic chargepoint installations have benefited from government grants and many more domestic installations have taken place without grant funding.

Net Zero Forum

You asked how many times the Net Zero Forum has met and what our expectation is in terms of how often it is going to meet. You also asked for the Net Zero Forum members list. Information on the Local Net Zero Forum will be published online in due course and the membership list is attached to this letter.

I hope you will find this reply helpful.

A handwritten signature in blue ink, appearing to read 'Grant Shapps', with a stylized flourish at the end.

RT HON GRANT SHAPPS MP
Secretary of State for Energy Security & Net Zero

Annex - Local Net Zero Forum Members List

Local Net Zero Forum members represent the following organisations:

Organisation	Government
Department for Energy Security and Net Zero	Central Government
Department for Levelling Up, Housing and Communities	Central Government
His Majesty's Treasury	Central Government
Department for Environment, Food & Rural Affairs	Central Government
Department for Transport	Central Government
Department for Culture Media and Sport	Central Government
Cabinet Office	Central Government
Local Government Association	Local Government
Association of Directors of Environment, Economy, Planning & Transport (ADEPT)	Local Government
Association for Public Service Excellence (APSE)	Local Government
M10 Group	Local Government
London Councils / LEDNet	Local Government
UK100	Local Government
Core Cities	Local Government
R9 Group	Local Government
Society of Local Authority Chief Executives (SOLACE)	Local Government
County Councils Network (CCN)	Local Government
District Councils Network (DCN)	Local Government
Society of Local Council Clerks (SLCC)	Local Government
Chartered Institute of Public Finance & Accountancy (CIPFA)	Local Government
North East Climate Group	Local Government
Local Adaptation Advisory Panel (LAAP)	Local Government