

Transmission & Distribution Charging Task Force

Mark Askew - Electricity Networks Association

Electricity Distribution

- 1 SSE
- 2 SP ENERGY NETWORKS
- 3 WESTERN POWER DISTRIBUTION
- 4 Electricity NETWORKS IRELAND
- 5 NORTHERN POWERGRID
- 6 SSE
- 7 SP ENERGY NETWORKS
- 8 WESTERN POWER DISTRIBUTION
- 9 Electricity NETWORKS IRELAND
- 10 ESB NETWORKS

Independent distribution network operators



Electricity Transmission

- 1 SSE
- 2 SP ENERGY NETWORKS
- 3 Electricity NETWORKS IRELAND
- 4 nationalgrid

Own and operate the Major Interconnectors



Gas Distribution

- 1 SGN
- 2 Northern Gas Networks
- 3 nationalgrid
- 4 Gas Networks Ireland
- 5 WALES & WEST UTILITIES
- 6 SGN

Independent Gas Transmitters



Gas Transmission

- 1 nationalgrid
- 2 Gas Networks Ireland
- 3 mutualenergy



Transmission & Distribution Interface (TDI)

work

Nearly 30GW of generation connected to distribution networks

20GW of storage applications to distribution networks

New T&D data exchange

Whole system CBAs

More joined up commercial arrangements

ENA TDI steering group

More coordinated innovation trials

More coordinated planning

More joined up forecasting

Emergence of DNO solutions to Transmission issues

Roll out of active network management in DNOs

Transmission & Distribution interface work programme

TDI steering group is overseeing deliverables in a number of areas

Active Network Management	How can ANM schemes be better co-ordinated between T & D
Statement of works	Revising the process to assess when DG requires T reinforcement
Shared Services	Establishing a list of DNO services and understanding where these can be compatible with SO services
Whole system CBAs	Understanding process and data required for CBAs across T & D using a real example of solving high volts issues on Transmission network
Co-ordinated charging arrangements	Investigate the impact different charging arrangements at T & D have on customers and devise potential solutions to issues

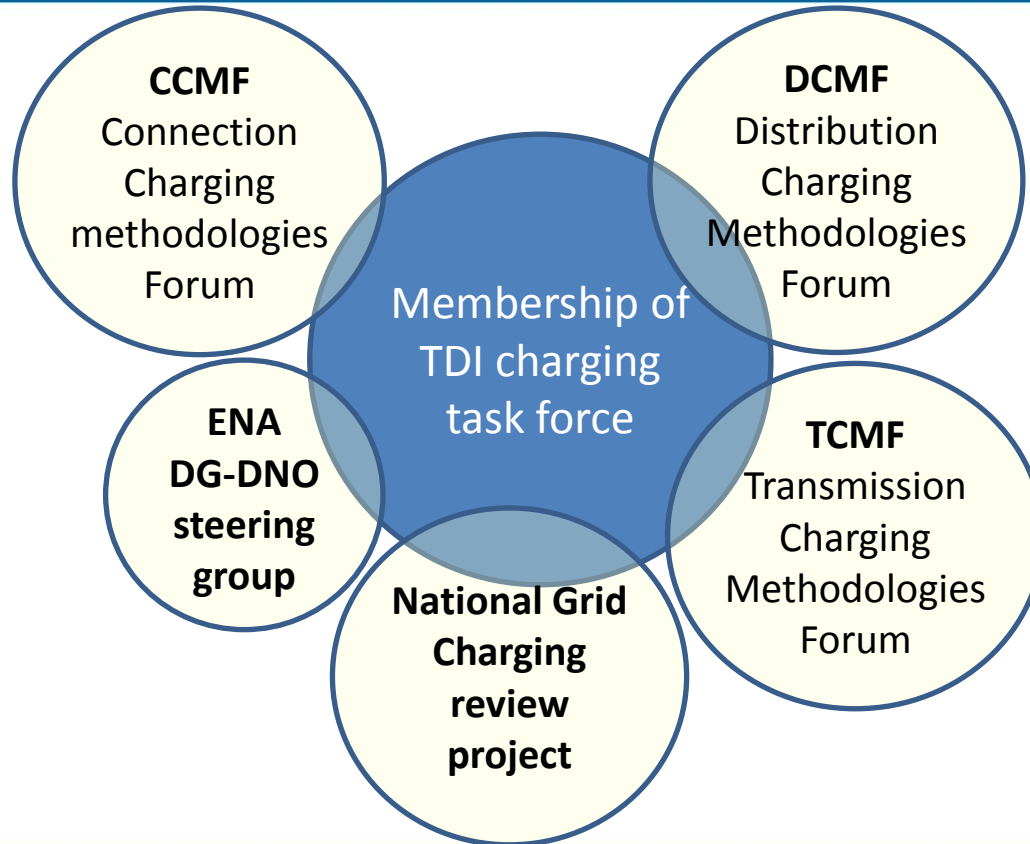
Published report on work programme over next 2 years, with clear deliverables:

<http://www.energynetworks.org/assets/files/news/publications/Reports/TDI%20Report%20v1.0.pdf>

TDI Charging task force – scope & deliverables

Scope of work	<ul style="list-style-type: none">• The role of the task force is to bring expertise together from various charging fora to think strategically & holistically about the current arrangements – UoS & Connection• Consider how these arrangements impact customers who connect at Distribution level and have a resultant impact on the transmission network.• To understand what entitlements customers have in return for charges.• Not within scope to implement any changes to existing arrangements
Deliverables	<ol style="list-style-type: none">1. To identify any problems caused for UK customers through the interaction of current commercial arrangements across Transmission and Distribution on customers – September 20162. To succinctly capture the root causes of these problems – December 20163. To capture a range of high level options which could solve the issues identified – April 20174. To highlight the implications to existing arrangements of each option identified and the steps needed to implement each option – June 2017

Link to ongoing charging work & forums



Wider stakeholder engagement on TDI work plan

Using links to existing fora to provide updates to stakeholders

Companies also feeding in view from their own stakeholder engagement work

Many of the working groups under TDI have external stakeholders attending

All deliverables under TDI programme published on ENA website

Planning TDI workshop in the new year to talk through work to date and collect feedback

