Name and Qualifications (where relevant)

Mr David Openshaw BSc 2.1 Honours C.Eng FIET

Knowledge and Expertise

- Currently member of CIRED International Technical Committee and Chair of CIRED Session 4 – Distributed Energy Resources and Efficient Utilisation of Electricity.
- ENA lead on electricity smart metering and joint representative on DECC Smart Metering Implementation Programme ICG.
- ENA joint representative on Smart Metering Ministerial Industry Rollout Group (chaired by Charles Hendry).
- Currently active in SGF Workstreams 3, 4 and 6 (previously also in WS1 and 2).

Previously a member of the ENSG as Chair of Distribution Working Group and member of ENSG Transmission and Smart Grid Working Groups.

Expertise spans technical, commercial and regulatory aspects relating to integration of smart grids and conventional electricity distribution systems.

Main contribution to SGF is in combining vast experience of electricity distribution network management with visioning of opportunities surrounding new smart grid technologies and business models - drawing on technical, regulatory and commercial expertise to present holistic solutions.

Current organisation

- Current Role: Head of Future Networks UK Power Networks (responsible for smart grid policy development and associated business strategy, and relevant RD&D - including overall responsibility for UKPN's portfolio of LCNF and IFI projects).

Key interests

- Energy Policy and The Carbon Plan – implications for the electricity system.
- Development of relevant smart grid technologies to maximise available capacity and utilisation of the electricity system for both demand and generation users.
- Ensuring that the GB smart metering equipment technical specification (SMETS) and associated data and communications services are compatible with the wider objective of minimising the costs of electricity production, transmission and distribution.
- Development of smart commercial arrangements with consumers, prosumers, generators, and ancillary service providers to maximise flexibility and security of the electricity system.
- Developing pre and post-gate closure DSR, storage and DG-derived balancing and ancillary service opportunities to maximise the end-to-end efficiency of the future electricity system.
- Helping to develop Regulatory policy to address any potential barriers and opportunities in respect of the above.