Energy standards development
Energy sources and uses
BSI Technical committees
Current priorities

European driven work on

- **Smart Grid**
  - BSI policy committee L/13
  - European work co-ordinated by ESO SM-CG to support EC Mandate M490
- **Smart meter**
  - BSI committee SMG/1 — *Smart meter group* and related technical committees
  - European work co-ordinated by SG-CG to support EC Mandate M/441
- **Electric vehicles**
  - BS Technical committee PEL/69
  - European work co-ordinated by EV Focus Group to support EC Mandate M/468
‘Smart’
European and International
Technical Committees
Key standards

BS EN 50160:2010  Voltage characteristics of electricity supplied by public electricity networks
BS EN 60038:2011  CENELEC standard voltages
BS EN 61851-1:2011  Electric vehicle conductive charging system — General requirements
DD CLC/TS 50457-2:2008  Conductive charging for electric vehicles — Communication protocol between off-board charger and electric vehicle
BS 7856:1996  Code of practice for design of alternating current, watthour meters for active energy (classes 1 and 2
BS EN 62056 (series)  Electricity metering — Data exchange for meter reading, tariff and load control
BS EN 60870 (series)  Telecontrol equipment and systems — Transmission protocols
PD CEN/TR 16061:2010  Gas meters — Smart gas meters

Communications protocol standards:  MBUS, COSEM, Zigbee
Thank you!

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