

Metering



National Grid's metering business is responsible for National Grid's development in the competitive gas and electricity metering markets operating as OnStream. It also manages the regulated Metering service on behalf of UK gas distribution operating as National Grid Metering. The metering business collectively manages just under 10,000 transactions a day.



National Grid's metering business has been managed since 2002 by Colin Shoosmith who has been with the group since 1991.

Activities

- Electricity smart metering (OnStream only)
- Automated Meter Reading (AMR)
- Meter procurement and logistics management
- Meter installation, exchange and removal
- Meter reading
- Customer service and contact centre management



OnStream Fast Facts

Ofgem introduced competition into the metering market in 2003. National Grid responded by launching a second metering business, OnStream, to compete in this new commercial marketplace. OnStream has built on National Grid's existing gas heritage and expanded into the electricity market and now provides gas and electricity metering services to major energy suppliers.

- 5 year contract with Centrica for provision of gas and electricity meters
- National network of meter workers
- Installed 1.5 million meters since commencement (as at Dec 2006)

- 2003 • OnStream begins trading in gas metering
- 2004 • OnStream is the first independent meter operator to gain industry accreditation in electricity
 - First OnStream electricity meter installed
- 2005 • 100,000 electricity meters installed
- 2006 • First industrial and commercial non-half hourly smart meters installed
 - 450,000 electricity meters installed
 - 1 million gas meters installed
 - Accredited as an Electricity Non Half Hourly Meter Operator (NHHMOP)



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National Grid Metering Fast Facts

National Grid Metering delivers gas meter asset management. As National Grid retains ownership of these meters, suppliers are charged rental on a per meter basis. Following Reform of Gas Metering Arrangements (RGMA) as a critical step in enabling full competition in the market, National Grid Metering operate with four gas Independent Distribution Networks (IDN) as well as the retained National Grid gas network.

- Long term contracts with gas suppliers
- 18.5 million domestic meters
- 0.4 million industrial and commercial meters
- £1bn asset base

- 2002
- National Grid and Lattice merge to form National Grid Transco plc.
 - Launch of Transco Metering Services Ltd.
- 2004
- Reform of Gas Metering Arrangements (RGMA) implemented with separation of gas metering from gas transportation activities.
- 2005
- Sale of National Grid gas distribution networks in four regions. Four Independent Distribution Networks (IDN) created.
 - Transco Metering rebranded as National Grid Metering.
- 2006
- 1,000 Automated Meter Reading devices (AMR) installed for industrial and commercial customers.



Smart Metering

OnStream, National Grid's competitive metering business has completed a Smart Metering pilot with a major energy supplier, involving more than 500 non domestic electricity customers.

OnStream designed a process to deliver Automated Meter Readings (AMR) to the supplier within 24 hours and developed a website which displays energy consumption at half hourly intervals. The solution has a potential to be used by 2.5 million commercial users.

Automated Meter Reading (AMR)

Available to businesses via their gas suppliers, National Grid Metering has now installed over 1,000 AMR units in the monthly and six monthly gas markets as a direct replacement to meter reading visits. The new technology will log data remotely based on faster mobile communications using either SMS text message or GPRS to send the meter reading data.

Benefits to commercial users include synchronised billing for multi-sites, identification of energy wastage and better management of cost.



Further Information

For more details on OnStream and National Grid Metering please visit our websites:

www.onstream.co.uk

www.nationalgrid.com/uk/metering

www.smartermeter.com

Who is National Grid?

National Grid is one of the world's largest utilities, focused on delivering energy safely, reliably, responsibly and efficiently. We own and operate gas and electricity transmission and gas distribution networks in the UK and US and electricity distribution networks in the US. We also have a number of businesses operating in related areas such as metering, LNG importation and interconnectors.