



Provision of Advance Meter Reading
(AMR) Services for Electricity
Scottish & Southern Energy Business Contract Customers

 **Scottish and Southern
Energy**
energy made better



In line with the Government's commitment to reduce carbon emissions through lowering energy consumption, Scottish and Southern Energy are pleased to offer its own Electricity AMR solution.

By using our AMR service you will be able to actively monitor and manage your company's usage with the view of helping to reduce your overall energy consumption.

Benefits of AMR Metering

- Accurate and Timely Electricity Bills
- Improved Budgeting and Forecasting
- Tariff Optimisation and Change of Measurement Class Capability
- Improved Energy Management
- Improved Energy Efficiency
- Reduction in Carbon Emissions
- Multi-Utility Capability (currently under discussion)

What is AMR Metering?

We will arrange for your existing electricity NHH (non half-hourly) meters to be removed and replaced with an AMR meter. The new AMR meter will effectively mean an end to estimated invoices as the meter sends readings via GSM or GPRS to our Data Collector which are then used for your billing.

As the meters are continuously recording the amount of energy being used, you will also be given access to a web based service, giving you half-hourly data for each of your AMR meters, thereby, allowing you to monitor your sites. In turn the accurate data enables you to see when your site(s) are using their energy which allows you to take the appropriate actions to lower their consumption. The exception reporting facility within this service will enable you to set your own parameters and alarms.

The service provider uses GSM/GPRS communications to retrieve data from the AMR meters and Vodafone, O2, T-Mobile and Orange networks to enable them to successfully deploy the service throughout the majority of England, Wales and Scotland.



Standard SSE AMR Package

Scottish and Southern Energy's annual AMR price is for leasing arrangements and standard meter replacement costs.

Our AMR package comprises of 5 Key Areas

- Provision of AMR Meter – (Leasing)
- Installation of AMR Meter – (Carried out during working hours)
- Ongoing Maintenance – (AMR Meter/Communications hardware)
- Access to Web Analyser – (Daily data)
- Meter Readings – (Automated read for billing)

The on-going cost for the above package is the difference between the annual cost of the AMR service and the non-AMR service. The annual AMR charge replaces the existing metering agency pass-through charge element of the current annual standing charge and is then recovered with the energy supply invoice in 12 or 4 instalments. (The agency pass-through charge is levied for the inclusion of the following third party service roles; Meter Operator, Meter Asset Provider, Data Collector, Data Aggregator, and Data Retriever.)

So, in real terms this represents no net adjustment for monthly billed sites and an increase of £74.40 per annum (£18.60 per quarter) for quarterly billed sites when compared against current non-AMR agency charges.

| Quarterly Billed (Profile Class 01-04) | | | |
|---|--------|-------------------|----------------------|
| Non-AMR | AMR | Annual Adjustment | Quarterly Adjustment |
| £15.60 | £90.00 | £74.40 | £18.60 |

| Monthly Billed (Profile Class 05-08) | | | |
|---|---------|-------------------|--------------------|
| Non-AMR | AMR | Annual Adjustment | Monthly Adjustment |
| £105.05 | £105.05 | - | - |

Where additional work/costs are incurred these will be borne by the customer – see terms and conditions.



Direct AMR Package

If arrangements are made direct with a service provider of your choosing we would ask that you let us know in advance of any installation work taking place or registration of your sites so that we are able to appoint the relevant agents. Failure to do so may result in problems receiving actual readings for billing.

As you will already be paying the metering agency charge direct to the agent you are in contract with, we will reduce the standing charge by the difference between the annual cost of the AMR service and the non-AMR service.

So, in real terms this represents no net adjustment for quarterly billed sites and a reduction of £87.05 per annum (£7.25 per month) for monthly billed sites when compared against current non-AMR agency charges.

| Quarterly Billed (Profile Class 01-04) | | | |
|---|--------|-------------------|----------------------|
| Non-AMR | AMR | Annual Adjustment | Quarterly Adjustment |
| £15.60 | £15.60 | - | - |

| Monthly Billed (Profile Class 05-08) | | | |
|---|--------|-------------------|--------------------|
| Non-AMR | AMR | Annual Adjustment | Monthly Adjustment |
| £105.05 | £18.00 | -£87.05 | -£7.25 |

Data Presentment Options

Half-hourly data is delivered daily by our appointed agent via a web platform with login and password (Web Analyser) and/or via CSV output file (Web Data Link).

Options are as follows:

Option 1: Web Analyser –

Standard Level Permissions

- Energy Consumption graphs and data
- Data to a half hourly level
- Ability to compare selected supplies

Option 2: Web Analyser –

Standard Level Permissions

+ Scheduled Reports & Alarms

Option 3: Web Analyser –

Advance Level Permissions

(Recommended for Group Contracts)

- Consumption graphing ability as Standard version
- Reporting permissions as Standard version
- Ability to set alarms and schedule reports
- Electricity analysis facilities
- Performance Analysis
- Baseload Analysis
- League Table Production

Additional Service: Web Data Link

Consumption data in downloadable format



Terms and Conditions

Additional work/costs **not included** within Scottish and Southern Energy's Standard AMR package includes:

- a) The Replacement of oversized tails between the cut-out and the meter (additional charge by Distribution Network Operator) and the meter and the customer's main switch (additional charge by customer's electrical contractor)
- b) The down rating of cut-out fuses (additional charge by Distribution Network Operator)
- c) The fitting of CT Metering as the maximum demand of the supply is close to 100 amps per phase or the existing meter is rated at 125 amps per phase.
- d) Out of hours working (installations commencing outside the hours of 7am-7pm)
- e) Metal Clad Cut-outs that need changing
- f) Asbestos that needs clearing before work can start (i.e. Asbestolux meter boards)
- g) Equipment in the way of fitting the meter
- h) Off Peak supplies that need to be diverted to the main supply
- i) Repeat requests for tariff changes – same sites
- j) Supply and installation of High Gain and Yagi Aerial
- k) Supply and installation of external contactor for load switching

For further information on AMR metering then please contact your Scottish and Southern Energy Sales Account Manager.

We recommend that you proceed with the AMR Metering service through Scottish and Southern Energy. If you are approached by another Service Provider offering a similar service it is suggested you contact us to discuss the services available and the associated costs.

Scottish and Southern Energy offer an AMR Metering solution to you by using Bglobal as its preferred AMR Service Provider. Information correct as at January 2010

