



ph energy services

## The CRC Energy Efficiency Scheme

The CRC Energy Efficiency Scheme started in April 2010. It's designed to encourage large public and private sector organisations to reduce their carbon dioxide (CO<sub>2</sub>) emissions through energy efficiency.

Phase 1 of the scheme runs from 1 April 2010 to 31 March 2014. Participants for Phase 1 should have registered by 30 September 2010.

Phase 2 started on 1 April 2014. Organisations qualified for Phase 2 between 1 April 2012 and 31 March 2013 if:

- they have at least one settled half hourly electricity meter
- and more than 6000 megawatt hours (MWh) of qualifying electricity supplied on the settled half hourly market.

Organisations which participate within the CRC are required to monitor their energy use, and report their energy supplies annually. The Environment Agency's reporting system applies emissions factors to calculate participants' carbon dioxide (CO<sub>2</sub>) emissions on the basis of this information.

Participants must purchase and surrender allowances to offset their emissions. Allowances can either be bought at annual fixed-price sales, or traded on the secondary market. One allowance must be surrendered for each tonne of CO<sub>2</sub> emitted. The allowance price in Phase 1 has been set at £12 per tonne of CO<sub>2</sub>.

The Phase 1 data needs to be submitted by Jul 14 for the Year April 13-March 14.

In Phase 2 the data needs to be submitted by Jul 15 for the Year April 14-March 15 and the allowance price has been set at £16.40.

To calculate the amount of tonnes the company has used the kWh is multiplied by the CO<sub>2</sub> per unit which is 0.541 to get the kg of CO<sub>2</sub>. This is divided by 1000 to get tonnes of CO<sub>2</sub>

Each tonne is billed at £12.

For further information please contact [Katie@phenergyservices.co.uk](mailto:Katie@phenergyservices.co.uk)

Or the following information websites:

<http://www.environment-agency.gov.uk>

<https://www.gov.uk/crc-energy-efficiency-scheme>