Small-medium CHP installations in Europe ‘to double by 2020’

The market for small-to-medium-scale CHP schemes in Europe is likely to double, from around 1 GWe of units installed in the year 2010 to very nearly 2 GWe installed per year by 2020 – according to a new Multi-client Study carried out by decentralised energy market specialist Delta Energy & Environment.

According to Delta-ee, sales in Europe are likely to be dominated by those in the top five countries, including Germany, the UK and Italy – which together account for almost 80% of the amount to be installed in 2020.

Delta-ee expects to see a steadily growing share of biogas-based systems in most countries, although there will be some notable exceptions where gas-fired systems are expected to take greater market share. The study covers small- to medium-scale CHP in the range 0.4 MWe to 5 MWe.

The study looked at 18 European countries in all. Growth in CHP at this scale is generally being driven by low carbon policies in some countries, together with strengthening efficiency trends and improving spark spreads. However, while the overall market will double, some countries will see market shrinkage.

Delta-ee’s study provides outputs on:

- What is the year-by-year trajectory of market development in Europe to 2020 for 0.4 – 5 MWe gas engine systems:
  - By application (gas and renewable cogen)
  - By end use sector
  - By size range
  - By country market.

- Based on this:
  - What product offerings should suppliers and developers be making available?
  - To which market sectors?
  - In which countries and when?

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