

PRESS RELEASE



24 July 2014

Ricardo-AEA wins major European Combined Heat and Power project

Ricardo-AEA has been appointed by the European Commission's Directorate-General for Energy to review and update the reference values that help to determine the efficiency of Combined Heat and Power (CHP) plants across the EU

The combined generation of heat and power using CHP technologies is more efficient than the separate generation of electricity and heat. Under the Energy Efficiency Directive, CHP plants in schemes generating one megawatt of electricity or more have to deliver primary energy savings (PES) which are greater than 10 percent, judged as 'High Efficiency CHP', to qualify for financial support.

The harmonized reference efficiency values for the separate generation of heat and electricity enable PES to be calculated in a standardized way across the EU. The European Commission aims to review and update these values every four years to account for technological developments and changes in the distribution of energy sources.

Ricardo-AEA will carry out the work in collaboration with a number of European partners. Project activities include an extensive data collection exercise on the performance of power stations, heat generation stations and CHP plants including a full review of the existing scientific literature. Consultations will also be undertaken with relevant industry stakeholders using surveys to verify data or address any gaps in the evidence base.

"CHP has a significant role to play in helping countries to make primary energy savings," said Ricardo-AEA business manager for CHP Mahmoud Abu-Ebid. "As a result, policies have been developed across Europe to support the development of

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CHP which currently accounts for around 11 percent of the EU's total generation of power. We look forward to providing technical assistance on this project for the Commission as the reference values provide an important foundation for the development of CHP policies across Europe. Our team has an extensive understanding of the requirements of this project and considerable experience of assessing CHP schemes to ensure compliance with EU policy.”

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NOTES TO EDITORS:

Ricardo-AEA is an operating division of Ricardo plc comprising the former business of AEA Europe. The consultancy has an exceptional breadth of capability in energy and climate change, air quality, sustainable transport, waste management, resource efficiency and chemical risk. With around 400 staff based in the UK, the company's capabilities are underpinned by the experience gained from supporting governments and business-leaders around the world for over 40 years.

Ricardo plc is a global, world-class, multi-industry consultancy for engineering, technology, project innovation and strategy. Our people are committed to providing outstanding value through quality engineering solutions focused on high efficiency, low emission, class-leading product innovation and robust strategic implementation. With almost a century of delivering value through technology, our client list includes the world's major transportation original equipment manufacturers, supply chain organizations, energy companies, financial institutions and governments. Guided by our corporate values of respect, integrity, creativity & innovation and passion, we enable our customers to achieve sustainable growth and commercial success. For more information, visit www.ricardo.com.

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