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EVENT NOTICE

IEA urges use of cogeneration and district energy for global energy security and climate change mitigation

Cogeneration and district energy – technologies that are widely available and cost-effective – can largely contribute to global energy security and climate change mitigation. Many countries, including Denmark, the Netherlands and Korea, have successfully used combined heat and power (CHP) and district heating and cooling (DHC) as a strategy to lower energy imports and dramatically increase energy supply efficiency. This is highlighted in a new report by the International Energy Agency (IEA), *Cogeneration and District Energy: Sustainable Energy Technologies for Today…and Tomorrow,* which was launched today by IEA Senior Energy Analyst Tom Kerr at the annual meeting of COGEN Europe, the European Association for the Promotion of Cogeneration, in Brussels.

The publication identifies the proven solutions that some countries have used to advance CHP market penetration, setting out a practical ''how to'' guide with options to consider when implementing the policies. "These technologies do not need significant financial incentives; rather they require the creation of a government 'champion' to identify and address market barriers that frequently impede greater use of CHP," explained Tom Kerr. This makes CHP and district energy ideal investments at a time of tight budgets.

CHP and DHC are existing technologies that offer substantial energy supply efficiency and greenhouse gas (GHG) reduction benefits. As such, the IEA is providing advice to the G8 nations on how to increase the use of CHP and DHC by analysing lessons learned in CHP markets, technologies and policies in leading countries, including the United States. The CHP report is the second report released by IEA, following *Combined Heat and Power: Evaluating the Benefits of Greater Global Investment* (March 2008). The IEA also released 11 *Country Scorecards* in 2008 that evaluate national success in achieving increased use of CHP and DHC.

For more information about CHP/DHC applications and markets, promotion policies, environmental benefits, stakeholders and barriers, see the complete report *Cogeneration and District Energy: Sustainable Energy Technologies for Today…and Tomorrow*, available on the IEA website at http://www.iea.org/files/CHPbrochure09.pdf. Annexes to the report are available at http://www.iea.org/files/CHPbrochure09annex.pdf.

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