



Comment

When 8+5 equals -10

When it comes to international energy data, research and modelling, the gold standard is the International Energy Agency (IEA) based in Paris. When the IEA speaks, people listen. And the IEA is starting to speak about CHP, thanks to the work of the International CHP/DHC Collaborative, an innovative initiative kicked off in March 2007 and focused on educating the G8 leaders about the benefits of CHP.

Apparently, the message is getting through. Coming out of the G8 Summit in Heiligendamm was a powerful statement in support of CHP, urging countries to 'adopt instruments and measures to significantly increase the share of combined heat and power (CHP) in the generation of electricity.' Taking this positive statement from the G8 as an opening of the door for greater things to come, the IEA wasted no time in bolstering the case for CHP with a study examining, and more importantly, quantifying, the benefits of CHP deployment.

The tool that the IEA chose to use to demonstrate the benefits of CHP is none other than the WADE Economic Model. The WADE Model has already been used around the world by governments, academics and industry, and this groundbreaking new project by the IEA makes a case for CHP that even sceptics will be hard-pressed to ignore.

The results of the study done by the IEA for the G8 + 5 (Brazil, China, India, Mexico and South Africa)

with the WADE Model demonstrate that carbon dioxide emissions can be reduced by 10% in 2030 (ergo, 8+5 = -10) with no increase in delivered power costs. We have been saying this for years – but it is nice to hear it from the IEA as well. While there is more work to be done (and that will be done), this is an incredibly powerful message and voice for CHP.

As a footnote, WADE is also pleased that India was included in the IEA analysis. Severe power shortages and the need for clean and efficient solutions in India make DE a ready-made solution. WADE's representative in India, Sridhar Samudrala, recently held meetings and discussions on the path forward for WADE and DE. In light of the tremendous market opportunity, these discussions were met with great optimism and enthusiasm.

If you have any interest in the Indian market for DE I urge you to contact Sridhar and learn more about these efforts.

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