
The 35th Annual IAEE International Conference

24-27 June 2012

Perth, Western Australia

Conference Theme

Energy markets evolution under global carbon constraints: Assessing Kyoto and looking forward

Objectives and Aims

The objective of the conference will be to examine the dynamism of the world energy sectors in the context of what effect the Kyoto Process, which ends in 2012, had on the energy markets, technologies, and systems of the world, as well as what technological and market developments occurred in spite of the Process. In other words, will the energy world of 2012 and beyond be purely the product of reactions to the Kyoto Protocols, or were there strong undercurrents of change that flowed throughout the period that would have occurred regardless? And from this examination, what may we reasonably expect for the near- to intermediate-future?

Overview

The conference will address the full range of energy issues that may be expected to be commanding the attention of academics, analysts, policy-makers, and industry participants in 2012. In addition to all major fields of energy economics and policy typically covered, other possible topics include:

- Greenhouse gas policy after Kyoto
- Energy supply and demand security
- A growing role for nuclear
- The role of unconventional energy resources
- Price volatility
- Renewable and alternative sources of energy
- Carbon capture and sequestration
- Policy consideration in a carbon constrained world
- Distributed generation
- Energy efficiency in primary commodity production
- Resources sector taxation policy
- Developments in LNG markets
- Harmonization of cross-border energy regulations
- Evolving geopolitics of oil and gas
- Emissions modeling
- Emission trading schemes
- The econometrics of oil and gas markets
- The economics of climate change
- Risk mitigation methodologies
- Reserves, production, and peaks
- Energy development and the environment

General Conference Chair

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The Location: Perth, Western Australia

Holding the 35th IAEE International Conference in Perth will bring the conference to the shores of the India Ocean and into a truly dynamic region of energy markets developments and evolution. It will bring it to a city referred to by some as the Houston of the Southern Hemisphere; it is home to Woodside Petroleum (operator of the Northwest Shelf LNG project, and soon the Pluto LNG project), and there is a significant presence from Chevron (operator of the massive Gorgon LNG project, which will include the largest CO₂ capture and storage operation in the world) and BHP Billiton (both an energy producer and a significant energy user in its mining operations), to mention just a few. Moreover, while located across the country from Perth, the ground breaking developments in coal seam gas for LNG shipment bring an added element of market evolution and dynamism with the potential to significantly reshape global energy markets.

Perth will also bring delegates into close contact with a centre of development in renewable energy technologies. New wave technology is being develop just offshore of the city. The grid-connected wind farms provide examples of the challenges related to the integration of renewables into a traditional regional grid structure, and the massive regional power sector that is not linked with an interconnected grid presents very interesting energy modelling challenges.

On the lighter side, Perth sits only a half hour from the Swan Valley wine district and just three hours north of the renowned Margaret River wine district. A wide range of cultural, historical, leisure, and social opportunities await. Perth is known to have some of the best golf courses in the world. It is also just 14 kilometres from the city centre to the shores and beautiful beaches of the Indian Ocean; and the waters off Margaret River are an international draw for surfing enthusiasts. For the adventurous, Perth also provides a great jumping off point for travels throughout Western Australia, which covers about one-third of the continent, and into the interior of Australia and the Red Centre, as well as providing convenient links to the east coast of Australia.

We look forward to your company and active participation in the 35th IAEE International Conference in Perth, June 24-27, 2012.

Contact information

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