

Prospects for Hydrogen and Fuel Cells

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The IEA publication "Prospects for CO₂ capture and storage" has emphasized the role of hydrogen from fossil fuels as a CO₂-free energy carrier. The IEA has scheduled a publication on the prospects for hydrogen and fuel cells by the end of 2005. Both publications are based on Energy Technology Perspectives (ETP) model analysis. This presentation will discuss the prospects of a hydrogen economy to meet energy policy targets. It will focus on hydrogen in the transportation sector and transition issues, and the role of hydrogen under various technology and economic scenario assumptions will be discussed.

Keywords:

hydrogen, policy analysis, modeling, ETP