

# Report on APERC's Current Activities

The 31<sup>st</sup> Meeting of the APEC EWG and Associated Meetings  
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**APERC**  
Asia Pacific Energy Research Centre



# Contents

- Proposal on the New Research Studies for 2006/07
  - Understanding International Energy Initiatives,
  - Urban Transport Energy Use in the APEC Region, and
  - A Quest for Energy Security in the 21st Century – Resource and Constraints.
- Publication of the Outlook Report
- Workshop/Conference Contributions

# Project Proposals



# Understanding International Energy Initiatives

- Background
  - Current International Negotiations/collaborations are not moving as fast as desired
  - UNFCCC, GMS, APEC EWG Initiatives, NEAREST, NEA Pipeline Natural Gas, .....
- Objectives
  - To help understand cross-cutting issues for APEC Energy Cooperation
- Scope
  - Survey of existing initiatives: origin, current situation, future prospect.
  - Critical evaluation of these initiatives focusing on impediments and best practices

# Urban Development and Transportation Energy Demand

- Background
  - Robust pace of urban development in APEC and transport energy demand growth in urban areas
  - Rising concerns over energy security and air quality problem
- Objectives
  - Characterisation of transportation energy demand in the major cities of APEC
  - Drawing policy implications for enhancement of energy security and sustainable development
- Scope
  - Analysis of historical trend for urban transport energy demand in APEC
  - Survey of environmental problems arising from urban transport energy demand growth
  - Evaluation of gasoline/diesel requirements in urban area and refinery production capacities
  - Analysis of policy/economic instruments for traffic demand management with case studies
  - Projection for future transport energy requirements in the major cities of APEC



# A Quest for Energy Security in the 21st Century – Resource and Constraints

- Background

- Rising energy prices and increasing energy import dependency in some parts of APEC
- Growing energy security concerns

- Objectives

- To develop a road map for energy demand and supply beyond 2030

- Scope

- Evaluation of resource availability
- Analysis for potential of inter-fuel substitution

# Publication of the APERC Outlook Report

- **Two Volumes of the Outlook Report**

- Volume I

- Summary of the outlook
- Key issues: resource, energy transportation, investment and environment

- Volume II

- Economy review
  - Description of the outlook result for the 21 member economies
- Energy balance tables

- **Progress**

- Completion of the interim report
- Reflected comments from EGEDA members to the outlook

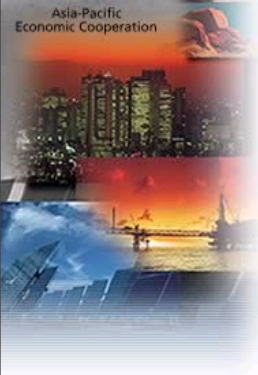
# Contributions to the Outside Meetings

(September 2005 – April 2006)

- Northeast Asia Petroleum Forum, Seoul, Korea
- Northeast Asia Natural Gas Pipeline Forum, Seoul, Korea
- The 25<sup>th</sup> Meeting of APEC EGNRET, Taipei, Chinese Taipei
- Leaders Project on Energy and Water, Jacksonville Florida, USA
- World Energy Congress Meeting: the 14<sup>th</sup> Forum of Croatia, Zagreb, Croatia
- Inaugural Meeting of the Asia Pacific Partnership for Clean Development and Climate, Sydney, Australia
- OPEC Workshop on Modelling Fuel Demand in the Transportation Sector, Vienna, Austria
- Round Table Meeting on World Energy Frontiers: Security, Comprehensiveness and Sustainability, Bangkok, Thailand
- Climate Change Week Conference, Seoul, Korea
- The 17<sup>th</sup> Meeting of APEC EGEDA, Lombok, Indonesia







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## New Publication

### APERC Research Reports 2004



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Electric Power Grid  
Interconnections in the APEC  
Region (2004)



**NEW!**  
Energy in China  
: Transportation, Electric Power  
and Fuel Markets (2004)



Energy Investment Outlook  
for the APEC Region (2003)



Natural Gas Market Reform  
in the APEC Region (2003)



Energy Efficiency Programmes  
in Developing and Transitional  
APEC Economies (2003)



Energy Security Initiative:  
Some Aspects of Oil Security  
(2003)



APEC Energy Demand and Supply Outlook  
2002, Asia Pacific Energy Research Centre,  
Tokyo, September 2002. (APEC #202-RE-01.4)  
(pdf file is available)

[APEC Energy Demand and Supply Outlook 2002 Energy Balance Tables, Asia Pacific Energy Research Centre, Tokyo, September 2002. \(APEC #202-RE-01.4\)](#) (pdf file is available)

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