

# Energy Work Plan (2013 - 2015)

# Milestones

- Central Asia Regional Economic Cooperation: Comprehensive Action Plan, October 2006
- Strategy for Regional Cooperation in the Energy Sector of CAREC Countries, November 2008
- Energy Action Plan Framework, October 2009
- Strategic Framework for the Central Asia Regional Economic Cooperation Program 2011-2020 (CAREC 2020), November 2011

# Energy Action Plan Framework, *EAP*

- Pillar 1: Energy Demand/Supply Balance and Infrastructure
- Pillar 2: Regional Dispatch and Regulatory Development
- Pillar 3: Energy - Water Linkages

# Energy Work Plan Elements

- Developing Central Asia-South Asia Energy Corridor
- Resolving Regional Energy Dispatch Issues
- Managing Energy-Water Linkages
- Mobilizing Funds for Building Energy Assets
- Capacity Building and Knowledge Management
- Implementing Medium Term Priority Projects

# Developing Central Asia-South Asia Energy Corridor

- Provide further assistance for the implementation of the TAPI gas pipeline project
  - Setting up a special consortium company (SPCC) to operate the system, select an entity to lead the SPCC, finalize gas sale and purchase agreement-related operational agreements, etc.
- Examine the options, and select an optimum scheme, for the integration of a unified Central Asian Power System with a national grid in Afghanistan, and for onward power supply to Pakistan

# Resolving Regional Energy Dispatch Issues

- Studies on:
  - Potential legal, regulatory and governance mechanisms for future power trade (Central Asia and South Asia)
  - Unplanned power flows and international best practices
  - Metering automation and unification of international energy trade
  - Simple interconnections between two regional systems and one-off, cross-border electricity trade projects
  - Detailed national analysis of the benefits and risks of trade
  - Possible investments to increase alternative trade routes, such as Kyrgyz Republic/Kazakhstan
  - Explore potential for tradable reserves and strengthen information management system of CAPS members

# Managing Energy-Water Linkages

- Phase 1, implemented under the EAP, prepared a roadmap for strengthening analysis based on consultations, analytical reviews of existing models, and development of a demonstration model for the Aral Sea Basin
- Phase 2, included in the EWP, will implement recommendations of the roadmap which has the following core activities:
  - Modeling and analytical tools
  - Institutional development
  - Capacity development

# Mobilizing Funds for Building Energy Assets

- Provide assistance for assessing the capacity/appetite of each country to finance priority projects from its own resources and, as necessary, identify other potential sources of finance
- Undertake preparatory work for the establishment of a CAREC regional project development facility and provide assistance for determining an appropriate institutional structure for this facility, its operational mechanism, and funding requirements



# Implementing Medium Term Priority Projects (MTPP)

- Update and revise the MTPP projects portfolio, on the basis of national and regional priorities, taking into account the projects prioritization plan contained in the *RPMP*
- Periodically monitor the progress made by the countries towards achievement of the goal of regional cooperation, using the ESCC list of progress indicators

# Capacity Building and Knowledge Management

- Identify capacity gaps in the CAREC countries in technical, financial, legal, and commercial areas and identify capacity-building and knowledge management programs
- Implement prioritized programs, in collaboration with the CAREC Institute, and with the support of bilateral and multilateral donors