

# CAREC ESCC Results Framework

## Energy Sector Coordinating Committee Meeting

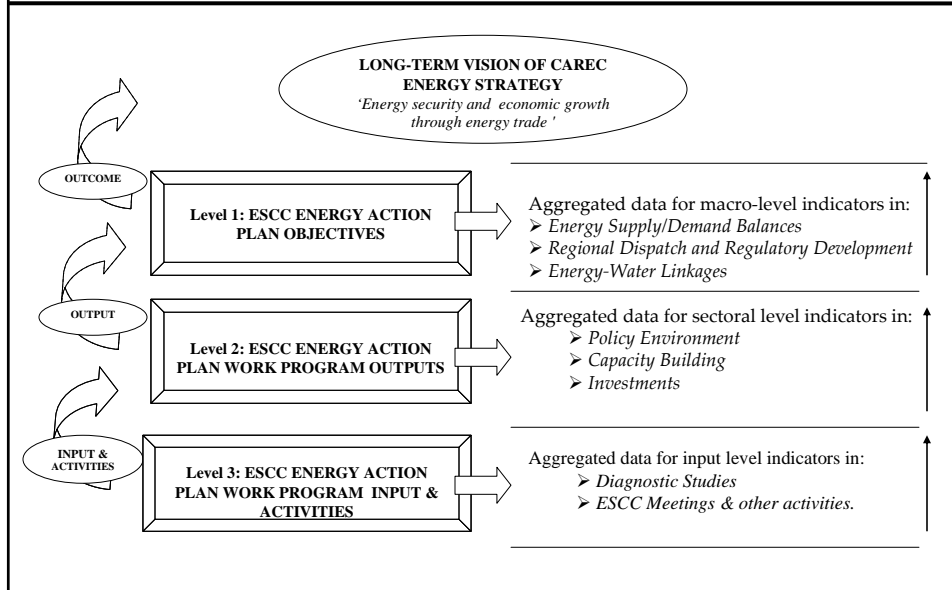
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Ulaanbaatar, Mongolia

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## Starting Point: ESCC Energy Action Plan

| Core Issue          | Energy Supply-Demand Balances   | Regional Dispatch and Regulatory Development  | Energy-Water Linkages  |  |
|---------------------|---|---|--|--|
| <b>Objective</b>    | To promote regional trade by optimizing integrated transmission and generation expansion. | To maximize the benefits of unified operation of the Central Asia Power System.   | To strengthen cooperation by integrating energy and water analysis.  |  |
| <b>Deliverables</b> | <b>Policy Environment</b>   | Develop national generation and transmission plan, integrated regional plan, and assess benefits of regional integration. | Develop an institutional platform and framework for regional power trade based on economic principles. This platform could be within Central Dispatcher Centre (CDC) Energy. | Strengthen Central Asian institutions to lead the dialogue and analysis on rational use of energy-water resources.   |
|                     | <b>Capacity Building</b>  | Involve national and regional organizations in developing the model and execution of the plan.                            | Strengthening CDC and national load dispatch centers and facilitating preparation of regulations.  | Enhance integrated energy-water models, analytical tools, and shared databases that enable assessment of options and impacts across both sectors.            |
|                     | <b>Investments</b>  | Promote/accelerate early-win grid strengthening and generation programs.  | Phased investments to implement adequate SCADA, metering, and communication systems in accordance with national needs and circumstances.                                     | Identify consensus projects to improve energy-water rational and effective use (e.g. irrigation and hydro-power rehabilitation and efficiency improvements). |

## ESCC Overall Results Framework



## Outcome Indicators Energy Strategy and ESCC Energy Action Plan

- 8 outcome (performance) Indicators identified and approved in the Energy Strategy
- 4 of these indicators identified and approved in the Energy Action Plan
  - Agreements reached (Energy transit)
  - Agreements reached (Energy trade)
  - Agreements reached (Riparian)
  - Volume of exports and imports of electricity

For decision: Do you agree (reconfirm)?

## Outcome Indicators Links to ESCC Objectives

| Pillars   | Objective  | Outcome (Performance) Indicators   |
|---|--|--|
| <b>Energy Supply-Demand Balances</b>                | To promote regional trade by optimizing integrated transmission and generation expansion | Agreements reached (Energy transit);<br>Volume of energy exports and imports for electricity |
| <b>Regional Dispatch and Regulatory Development</b> | To maximize the benefits of unified operation of the Central Asia Power System.          | Agreements reached (Energy trade);<br>Volume of energy exports and imports for electricity   |
| <b>Energy-Water Linkages</b>                        | To strengthen cooperation by integrating energy and water analysis.                      | Agreements reached (Riparian);<br>Volume of energy exports and imports for electricity       |

For decision: Do you agree (reconfirm)?

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