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CENTRAL ASIAN REPUBLICS

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**Energy Sector Coordinating Committee
Energy Work Plan 2013-2015**

Knowledge-Based Activities

**28/29 September 2012
Bangkok**



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- Objectives:
 - Foster Common Understanding of Common Challenges in Regional Power-Market Cooperation;
 - Facilitate Dialogue on Mutually-Advantageous Approaches and Solutions;
 - Exposure to International Experience in Resolving Comparable Challenges



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- Approach:
 - Support Analyses of Critical Themes;
 - Knowledge Transfer and Capacity-Building;
 - Development of Institutional Capacities



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- Planned and Proposed Activities – Analyses (I):
 - Completion of Analysis of Options for Kazakhstan-Kyrgyzstan Wholesale Power-Market Integration;
 - Resolving Treatment of Unscheduled Power Flows;
 - Dispatch Coordination Options under Changing Regional Power-System Configuration;



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- Planned and Proposed Activities – Analyses (II):
 - National Power-Systems' Synchronization – Obstacles and Prerequisites;
 - Coordination and Harmonization of Power-Flow Data Collection and Dissemination;



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- Planned and Proposed Activities – Knowledge-Transfer and Capacity-Building (I):
 - Unscheduled Power Flows, Ancillary-Services Valuation and Pricing, and Settlement Arrangements;
 - Seminars on Commercial Contracting for Investment Mobilization and Power Delivery;
 - Regional Power-Market/Power-Pool Development – Legal Frameworks and Institutional Requirements



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- Planned and Proposed Activities – Knowledge-Transfer and Capacity-Building (II):
 - Inter-System/Cross-Border Metering Protocols;
 - Modelling of Economic Aspects of Water-Energy Linkages;
 - Study-Tour of Aral Sea-Basin Riparians to Pacific Northwest – US-Canada Columbia River Treaty;



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- Planned and Proposed Activities – Institutional Capacity Development:
 - Support to Regional Water-Resource Data-Collection and Management;