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USAID's Knowledge Based Activities in Energy-Water

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USAID's objectives in its knowledge-based activities:

- Foster a common understanding of shared challenges related to creating an economically viable regional power market
- Facilitate dialogue on win-win solutions to challenges
- Exposure to similar international experience



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USAID's approaches to knowledge-based activities:

- Provide support for analyses of key issues and potential opportunities
- Direct assistance through knowledge transfer and capacity building
- Development of institutional capacities



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Recent knowledge transfer and capacity building (WP Element 1):

- Organizing and leading the CASA 1000 joint working group (JWG) meetings
- Providing technical analysis and capacity-building for the CASA JWG members and the CASA legal subcommittee members
- Study of the effects of CASA 1000 on the stability of the Central Asian Power System after reconnection of Tajikistan. (completed ~August 2013)



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Recent knowledge transfer and capacity building (WP Element 2):

- Analysis of the potential for gains from integration of the Kazakhstan-Kyrgyzstan wholesale power market
- Planned regional seminar on “Methodologies of Compensation for Electricity Transit in Interconnected Power Systems” (Planned for late June)



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Recent knowledge transfer and capacity building (WP Element 3):

- Study tour of Aral Sea-Basin riparians to examine the US-Canada Columbia River Treaty
- Modeling of economic aspects of energy-water linkages and training of trainers on the model



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Recent knowledge transfer and capacity building (WP Element 4):

- Regional seminars on transmission planning, renewables & energy efficiency, and information systems for energy markets
- Seminars in KZ, KG, TJ, and TM on the design and operation of power markets, integrating AMR and SCADA systems, and energy sector regulation
- Regional seminar on the power market development, models, and operations” (Planned for late June)
- University-level curriculum on the design and operation of power markets; can share curriculum with other CAREC countries’ universities