

USAID SEE Regional Energy Demand Planning Initiative

Institutional Capacity Development and Networking for Energy Planning in Countries of the Energy Community

USAID/Hellenic Aid Cooperative Energy Program
Kick-off Meeting

Athens, Greece

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Status and Issues

- Current approach to energy planning in each country (round the table)
- The Regional Energy Demand Planning and SECI Transmission Planning projects have built substantial in-country/region skills and capacity
- Models for the overall energy system and regional electricity network are thereby in place, along with the skills to use them
- Data quality is still in question and needs work
- To date, REDP TWG members have not been given the mandate to devote the necessary time to “master” the tools and thereby have them become an integral part of the planning process



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Energy Challenges Facing the Region

- The importance of securing and diversifying energy supply is increasingly evident
- Delivering reliable energy to sustain economic growth requires continual planning in response to rapidly changing circumstances
- Pressure to promote the rational use of energy is growing as prices continue to rise
- Concerns about Climate Change are going to require a global response centered around promoting a low-carbon future for all



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Key Energy Policy Issues in the Region to be Examined

- Assessment of the role of energy efficiency
- Potential for renewables
- Roadmap for attaining EU targets
- Removal of market distortions
- Role of nuclear
- Higher economic growth
- Increased access to natural gas
- Integration of the electricity network
- Post-Kyoto scenarios
- Integrated regional assessments of common issues



Organizational and Institutional Responsibilities - Ministries

- Establish a Steering Committee consisting of a representative from each participating country
- The Steering Committee is to
 - ❑ Set the direction and priorities
 - ❑ Determine the nature of analyses to be undertaken
 - ❑ Review and approve project products
- Designate individuals and/or institution(s) to carry-out the technical work comprising an Regional Energy Systems Planning Network (RESPN)
- Provide the necessary mandate and resources (staff or funds (perhaps donor assisted)) to support the RESPN
- Integrate the RESPN activities into the ongoing planning process

Organizational and Institutional Responsibilities - RESPN

- The RESPN institutions need to have:
 - ❑ Good knowledge of the national energy system and its dynamics
 - ❑ An understanding of energy system data and modeling
 - ❑ An appreciation for the energy planning process
 - ❑ An ongoing and sustainable commitment to the RESPN
 - ❑ The necessary mandate and resources
- The RESPN main activities include:
 - ❑ Bring on the new countries
 - ❑ Updating and improving the model data
 - ❑ Refining the model's representation of the energy system
 - ❑ Conduct analyses and informing policy-makers of the implications of policies and programs
 - ❑ Participating in regular workshops of the network experts
 - ❑ Preparing report(s) on their activities

Organizational and Institutional Options for the RESPN

- Ministries set the RESPN direction and priorities, arrange for necessary support, determine the nature of the analyses to be undertaken, and integrate the results into their planning activities
- Technical activities are conducted either using internal capacity or external institutions are identified and/or established
- Existing REDP TWG members continue to participate, or their responsibilities (and models) are transferred to another institution which is then trained in the tools and their model
- New participating countries will be assisted with establishing the necessary capacity and assembling of their initial model (over the next year)
- The RESPN will meeting bi-annual (or as needed) to share experiences and conduct common work



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