USAID SEE Regional Energy Demand Planning Initiative

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

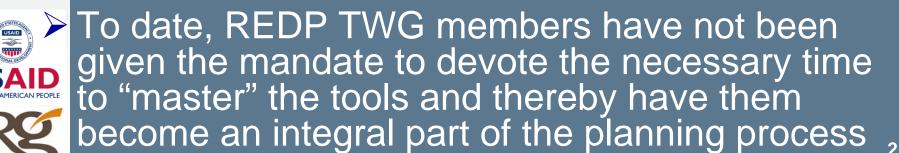
USAID/Hellenic Aid Cooperative Energy Program Kick-off Meeting



Athens, Greece May 19-20, 2008 [Discussion Lead Gary Goldstein]

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





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



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