

**Black Sea Regional Transmission Planning Project
Working Group Meeting
December 5-6, 2007
Tbilisi, Georgia**

Meeting Objectives:

- Draft and Agree to a Memorandum of Understanding and Workplan for Phase II of the Project
- Exchange Information on Recent TSO Developments in the Region
- Review Progress on the UCTE/IPS-UPS Integration Study

December 4, 2007

7:00 pm **Welcoming Reception/Dinner**

December 5, 2007

9:00 am **Opening and Welcoming Remarks**

- Dana Kenney, Office of Energy and Environment, USAID/Tbilisi
- Rajiv Rastogi, Office of Energy and Infrastructure, USAID Bureau for Europe and Eurasia
- Joe Corbett, GSE
- Dan Preotescu, Network Planning Department, Transelectrica and Project Manager, Black Sea Regional Transmission Planning Project
- Will Polen, United States Energy Association

BLACK SEA TRANSMISSION SYSTEM OPERATOR UPDATES

Black Sea Transmission System Operators will discuss developments in their respective power systems to update the Phase I regional model

9:30 am High Voltage Network -- Armenia

9:40 am ESO EAD -- Bulgaria

9:50 am GSE -- Georgia

10:00 am Moldelectrica -- Moldova

10:10 am Transelectrica -- Romania

10:20 am SO-CDU -- Russia

10:30 am TEIAS -- Turkey

10:40am Ukrenergo -- Ukraine

10:50 am Azerenergy -- Azerbaijan

11:00 am **Morning Break**

- 11:15 pm **REVIEW OF PHASE ONE OF THE PROJECT**
Dan Preotescu, Director, Network Planning Department, Transelectrica and Project Manager, Black Sea Regional Transmission Planning Project
- Key Results and Opportunities for Follow-up Applications
 - Presentation of Summer and Winter Base Case Models for 2010
 - Analysis of Cross Border Net and Maximum Transfer Capacities Based on Nine Potential Trading Scenarios
 - Identification of Powerful Interties
 - Identification of Subregional Transmission Constraints & Optimization
 - Proposed New Lines and Substations Planned Through 2010 and New Network Elements Proposed Beyond this Planning Horizon
- 12:15 pm **Lunch Break**
- 2:00 pm **REGIONAL ORGANIZATION UPDATES**
- BSEC
 - SECI
- 2:45 pm **PRESENTATION AND WORKING GROUP DISCUSSION OF THE DRAFT WORKPLAN FOR PHASE II**
Facilitated by:
Dan Preotescu, Project Manager, Black Sea Regional Transmission Planning Project; and
Will Polen, United States Energy Association
- Grid Reliability & Safety
 - Training on Dynamic Modeling
 - Development of Dynamic Model
 - Harmonization of Transmission Planning Criteria on a Regional Basis
 - Analyses of Subregional Constraints and Optimization and Investment Requirements & Update of Static Model
 - Other Focus Areas Suggested by TSOs
 - Schedule of Working Group and Task Force Meetings
- 3:30 pm **AFTERNOON BREAK**
- 4:00 pm **DISCUSSION OF THE DRAFT WORKPLAN FOR PHASE II (Cont'd)**
- 5:30 pm **Adjourn Day One**
- 7:00 pm **Dinner Hosted by USEA**

December 6, 2007

- 9:00 am **UPDATE ON THE UCTE/IPS-UPS INTEGRATION STUDY**
Mathias Luther, UCTE
- 9:45 am **FINALIZE DRAFT WORKPLAN**
Dan Preotescu, Project Manager, Black Sea Regional Transmission Planning Project; and
Will Polen, United States Energy Association
- 10:30 am **Morning Break**
- 11:00 am **PRESENTATION AND WORKING GROUP DISCUSSION OF DRAFT MEMORANDUM OF UNDERSTANDING FOR PHASE II**
Facilitated by:
Dan Preotescu, Project Manager, Black Sea Regional Transmission Planning Project; and
Will Polen, United States Energy Association
- Phase II Goals, Objectives, Timelines
 - Roles and Responsibilities of USAID, USEA, TSOs
 - Timelines & Deliverables
 - Cost Sharing
 - Other Provisions
- 12:30 pm **Lunch**
- 2:00 pm **FINALIZE AND APPROVE MEMORANDUM OF UNDERSTANDING FOR PHASE II** (*will be circulated for signature following meeting*)
- 3:30 pm **Break**
- 4:00 pm **REVIEW AND APPROVAL OF MEETING MINUTES**
Will Polen, United States Energy Association
- 5:00 pm **ADJOURN**