

## Energy Technology and Governance Program

### **SOUTHEAST EUROPE DISTRIBUTION SYSTEM OPERATOR SECURITY OF SUPPLY WORKING GROUP MEETING**

February 3-5, 2016, Skopje, Macedonia

#### **DRAFT AGENDA**

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#### **Meeting Objectives:**

- Review key findings and approve final draft of report "Connection of Distributed Generation to Distribution Networks: Recommendations for Technical Requirements, Procedures and Agreements."
- Review and adopt terms of reference for new Working Group study on DSO Restructuring and Unbundling
- Learn details of EVN Macedonia's newly created Crises Management Program

#### **Wednesday, February 3, 2016**

- 9:00 a.m.     **Welcoming Remarks, Introductions, and Overview of Meeting**
- *Andrew Popelka, Senior Energy Advisor, United States Agency for International Development (USAID)*
  - *Stefan Peter, President of Management Board, EVN Macedonia*
  - *William Polen, Senior Director, United States Energy Association (USEA)*
  - *Albert Doub, Program Director, United States Energy Association (USEA)*
  - *Goran Strmecki, Hrvatska Elektroprivreda (HEP)*
- 9:30 a.m.     **Presentation of Final Draft Report: "Connection of Distributed Generation to Distribution Networks: Recommendations for Technical Requirements, Procedures and Agreements"**
- *Minea Skok, Energy Institute Hrvoje Pozar*
- Discussion of key issues
    - Formal Connection Procedures
    - Connection Criteria
    - Connection Charging
- 10:30 a.m.     Break

- 11:00 a.m. **Connection of Distributed Generation to Distribution Networks: Discussion of Key Issues Identified in Report**  
 - *Minea Skok, Energy Institute Hrvoje Pozar*  
 ➤ Priority findings and recommendations
- 11:45 a.m. **Discussion on DG Study Recommendations and Remaining Open Issues**  
 - *Open discussion with all participants*
- 12:00 p.m. Lunch
- 1:00 p.m. **U.S. Perspective on Connection of Distributed Generation to Distribution Networks**  
 - *Mark A. Smith, Distribution System Planner, American Electric Power*
- 2:00 p.m. **EVN Macedonia's Newly Developed "Crises Management" Program**  
 - *Sasho Saltirovski, Head of Department, Energy Policy and Regulatory Management, EVN Macedonia*  
 - *Vlatko Manev, Head of Dispatching Center, EVN Macedonia*  
 - *Karl Sonnleitner (Power of attorney of EVN MK)*
- Establishment of criteria for determining a crisis event
  - Development of rules and procedures
  - Organization of staff and specific responsibilities
  - Personnel Training
  - Improved warehousing of supplies and equipment
  - Outsourcing of labor
- 3:00 p.m. Break
- 3:30 p.m. **EVN Macedonia's Newly Developed "Crises Management" Program (Continued)**
- 4:30 p.m. Adjourn
- 7:00 p.m. Group Dinner

**Thursday, February 4, 2016**

- 9:00 a.m. **Review Draft Terms of Reference for New Study on "Southeast Europe DSO Restructuring and Unbundling: Status, Issues and Remaining Challenges"**  
 - *Goran Majstrovic, Energy Institute Hrvoje Pozar*  
 ➤ Review and clarification of EU Directive requirements  
 ➤ Current status and planned activities on the DSO organization structure of each SEE DSO  
 ➤ EU Member States and select US experience in DSO unbundling  
 ➤ Open discussion

- 9:30 a.m.     **DSO Unbundling - US Experience: American Electric Power**  
 - *Stacey Gabbard, Manager, Customer Choice Processes & Systems, American Electric Power (AEP)*
- 10:30 a.m.    Break
- 11:00 a.m.    **DSO Unbundling – Southeast Europe Experience**
- **Kosovo DSO – KEDS / KESCO**  
*George Karatugutof, CEO, KEDS*
  - **EPS Serbia**  
*Vladimir Jokovic, Head Department for Electricity Distribution and Distribution System Control, EPS Serbia*
  - **EVN Bulgaria and Plans for EVN Macedonia**  
*- Gunter Brambock, Head of Regulatory Affairs, Business Unit Southeast Europe, EVN*
- 12:00 p.m.    Lunch
- 1:30 p.m.     **SEE DSO Benchmarking Study – Second Edition**  
 - *Tomislav Baricevic, Energy Institute Hrvoje Pozar*
  - Selection of indicators to be analyzed
  - Next steps and deadlines
- 2:00 p.m.     **Update on Brcko Pilot Project – SEL ADMS Equipment**  
 - *Mujo Duric, Head of Technical Services, JP Komunaldo Brcko*
  - Overview of project
  - Benchmarking of SAIDI / SAIFI measurements since installation
- 2:15 p.m.     **Meeting Minutes, Next Steps and To Do List**  
*Albert Doub, Program Director, United States Energy Association*
- 2:45 p.m.     **Overview of Site Visit to EVN Dispatching Center**  
*Vlatko Manev, Head of Dispatching Center, EVN Macedonia*
- 3:00 p.m.     **Site Visit to EVN Dispatching Center**  
 (walking distance from Holiday Inn)
- 5:00 p.m.     Return to Hotel

**Friday, February 5, 2016**

Joint Meeting of the USAID / USEA DSO Working Group  
 – Please see agenda on the next page



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Utility  
Commissioners

**USEA**  
United States Energy Association

## Joint Project Coordination Meeting

### Southeast Europe Regulatory Bridge & Southeast Europe Distribution System Operator Security of Supply Working Group

#### DRAFT AGENDA Friday, February 5, 2016

##### Objectives:

- To brief SEE Working Group regulators and DSO participants on the workplans and recent activities of each other's respective working groups
- To determine scope for potential cooperation

##### Southeast Europe Distribution System Operator (DSO) Security of Supply Working Group

###### Background:

The USAID / USEA Southeast Europe Distribution System Operator (DSO) Security of Supply Working Group was established in 2013 to assist the electric distribution companies in Southeast Europe to improve their operations and overall system management through regional collaboration. The members of the working group include the DSOs from Albania, Bosnia and Herzegovina, Croatia, Macedonia and Serbia.

The Working Group is demand driven to respond to the needs of the distribution companies in the region, with an emphasis on the following deliverables:

- **Business continuity plans** to help electric companies plan for all scenarios, such as severe weather events that may impact their ability to provide reliable electric power to consumers;
- **Mutual assistance plans** to encourage distribution companies to share staff and materials considered necessary for fast restoration of service after a significant outage;
- **Maintaining and sharing critical inventory** to ensure adequate supply of spare parts necessary to respond to outage events;
- **Emergency procurement systems** to allow for rapid procurement of essential equipment in emergency situations;
- **Asset management programs** to optimize the life of distribution network infrastructure; and
- **Benchmarking of best practices.**

##### Southeast Europe Regulatory Bridge Working Group:

The objective of the USAID/NARUC Southeast Europe Regulatory Bridge is to provide technical assistance and support to the energy regulators in order to strengthen supervisory capability for the regulation of unbundled electric distribution network and supply services where those services are available to retail consumers participating in a competitive electric energy market. Over the course of the Regulatory Bridge activities (2015–2016), energy regulators will be supported by a team of project technical advisors to prepare Regional Regulatory Guidelines that establish best practices for regulating the activities of both DSOs and competitive electric energy suppliers in the context of distribution-level market operations, including the guidelines for efficient market information management and protection of consumer rights. The Regional Guidelines will form the basis for the development of country-level implementation plans, customized to various stages of market opening, in the participating SEE countries. These implementation plans or National Roadmaps will outline specific regulations, rules, or by-laws to be drafted or amended in each country.

## Friday, February 5, 2016

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### THEMATIC FOCUS: Opportunities for Collaboration between the Regulators and DSO Working Groups to achieve common objectives

#### 8:30 **Presentation of Recent USAID / USEA Southeast Europe Distribution System Operator Security of Supply Working Group Studies**

*Session Facilitator:* William Polen, Senior Director, United States Energy Association

*Presenters:* Goran Majstrovic, Energy Institute Hrvoje Pozar

Minea Skok, Energy Institute Hrvoje Pozar

- DSO Disaster Response and Mutual Assistance Best Practices: Lessons Learned from Recent Climate Related Emergencies in Southeast Europe

Q&A

- Benchmarking Study of Southeast Europe DSO Key Performance Indicators

Q&A

- Connection of Distributed Generation to Distribution Networks: Recommendations for Technical Requirements, Procedures and Agreements

#### 10:00 **Coffee break**

#### 10:20 **U.S. Experiences with Distributed Generation and Net Metering**

*NARUC Presenters:* Commissioner Hoskins and Mr. Raj Addepalli (30 minutes)

Commissioner Hoskins and Raj Addepalli will speak to their respective states' experiences concerning the promotion, implementation, and financing of renewable energy/distributed generation. A particular focus will be directed to the subject of net metering.

General Discussion

#### 11:10 **Presentation of Regional Regulatory Guidelines**

*Session Facilitator:* Erin Hammel

*Presenters:* Thomas Smith (30 minutes)

DSO Feedback and Comments

#### 12:00 **Lunch**

#### 13:00 **Presentation of Terms of Reference for New DSO Working Group Study on Restructuring and Unbundling Requirements of Southeast Europe Distribution System Operators to Prepare for Retail Competition**

*Session Facilitators:* William Polen, USEA

*Presenter:* Goran Majstrovic, Energy Institute Hrvoje Pozar (30 minutes)

This study will be a priority focus of the DSO working group over the next year. The regulators are requested to provide their input to help ensure the study will address relevant issues from the regulatory perspective.

#### 14:00 **Coffee Break**

#### 14:20 **Next Steps**

Group Breakout Sessions—Both USEA and NARUC participants will be separated into two groups in order to brainstorm common themes and potential action items across each working group that are relative to power sector developments throughout the region and in each regulator's respective country. The particular focus of these breakout sessions will be

on how these commonalities could form the basis for future joint sessions and collaboration between the two working groups.

**15:30 Adjourn**