ONLINE CONFERENCE

NEW TECHNOLOGICAL SOLUTIONS FOR ELECTRICITY PRODUCTION, TRANSMISSION AND DISTRIBUTION

14 April 2021 | Hours 10.00-2.00 EEST

Organized by:

WORLD ENERGY COUNCIL | COMITETUL NAȚIONAL ROMÂN

SIEMENS energy

SHORT DESCRIPTION

The energy transition requires special efforts at the level of research, design, construction and modernization of electrical installations to develop solutions that meet the requirements of power supply, decarbonization of the energy sector, increasing the level of electricity supply service. Digitization, modernization of power stations, development of new equipment for energy production and process control in the electricity transmission and distribution network are important concerns of energy specialists.

The development of intelligent management solutions in the electric power system can ensure an efficient management of the energy infrastructure and an important contribution to the achievement of the objectives of the energy transition.

The training of future specialists to ensure the intelligent and efficient operation of new technologies is in the attention of both the university and companies that are developing new solutions for equipping the energy system.

OBJECTIVES

- Knowledge of the main current achievements in the field of increasing the performance of electricity transmission and distribution networks;
- Highlighting the main directions of development of transmission and distribution systems during the energy transition period;
- Emphasize the importance of digitalization in increasing the performance of energy systems.

SUBJECTS OF INTEREST

- The experience of energy suppliers in providing performance services to end users;
- Implementation of new technologies and results obtained;
- Training of specialized personnel for access to new technologies;
- Evaluation of performance indicators.

EXPECTED RESULTS

- Progress in the field of electricity storage;
- High performance wind installations included in the electric power system;
- New solutions regarding the digitization of power stations;
- Training specialists for new technologies;
- Intelligent management of transmission and distribution systems.

TARGETED PARTICIPANTS

- Specialists in the electricity transmission sector
- Specialists in the electricity distribution sector
- Specialists in the electricity production sector
- Representatives of producers from renewable sources
- Energy specialists in the industry
- Specialists from the university environment
- Representatives of the Ministry of Energy

EEST (Eastern European Summer Time) **AGENDA**

9.30-10.00 AM	**Intro**	
	OPENING SESSION	
10.00-10.15 AM	**Iulian IANCU**	WEC/RNC, Chairman
10.15-10.25 AM	**Niculae HAVRILEȚ**	Minister of Energy, Advisor
MODERATOR:	**Ștefan GHEORGHE**	WEC/RNC, CEO
	Petru RUȘEȚ	Siemens Energy, Managing Director
10.25-10.40 AM	**KEYNOTE SESSION**	
Keynote speaker:	**Petru RUȘEȚ**	Siemens Energy, Managing Director
10.40-10.45 AM	**SIEMENS ENERGY INTRODUCTION**	
10.45-12.45 AM	**SHORT PRESENTATIONS SESSION**	

Speakers:

10.45-11.00 AM	**Pavels KAROLS**	SIEMENS ENERGY, Sales Manager Transmission Solutions
	„Challenges of statical and dynamical network stability in the age of RES"	
11.00-11.15 AM	**Florin BALAȘIU**	UNO DEN, Manager
	"Power stations digitization of electricity transmission and distribution"	
11.15-11.30 AM	**Martin STOESSL**	SIEMENS ENERGY, Leadership Group Power Transformers
	„Advanced transformer monitoring, fire and explosion safe substation concept"	
11.30-11.45 AM	**Mihai SĂNDULEAC**	UPB, Prof.dr.ing.
	"Preparing future specialists for the new technological age: digitization"	
11.45-12.00 PM	**Thomas JUDENDORFER**	Trench, Research & Development Team Expert
	"Optical Instrument Transformers"	
12.00-12.15 PM	**Vasile CRISTEA**	SIEMENS România, Head of Distribution Solutions RO SI DS
	"News and trends in Distribution Solutions Portfolio"	
12.15-12.30 PM	**Thomas PATIG**	SIEMENS ENERGY, Head of Sales Power Generation CEE
	„Coal to Gas to H2 in Power Generation"	
12.30-12.45 PM	**Alexander PESCHL**	SIEMENS ENERGY, Business Development Director
	„Deep decarbonization with Hydrogen and Sector Coupling"	

12.45-1.15 PM	**DISCUSSION SESSION**
1.15-1.45 PM	**Q&A SESSION**
1.45-2.00 PM	**Conference conclusions**