

CALL FOR PAPERS

CHALLENGE FACING THE FUTURE OF POWER SYSTEMS

AMMAN, HASHEMITE KINGDOM OF JORDAN

24 - 25 APRIL 2018

In light of the continuous complexities and challenges facing power systems in the future, Jordan CIGRE National Committee (JCNC) is pleased to invite engineers and experts in industrial and academic sectors as well as the researchers in electrical and energy fields to participate in the conference titled "Challenges facing the future of power systems", which will be held in Amman, Jordan during the period 24-25 April 2018 and to attend the power system components exhibition associated with this conference.

This conference constitutes a valuable chance to enhance the interaction and exchange of ideas among participants. It will also be a unique event for electric and energy utilities and industry representatives, to present their problems and plans to solve the problems arising from the various operational, financial, environmental and regulatory issues.

CONFERENCE OBJECTIVES

1. Enhancing the cooperation and experience between electric and energy sectors in the planning, operating and controlling power systems.
2. Encouraging research and studies in the fields of power generation, transmission and distribution.
3. Enabling energy and electric engineers to demonstrate their practical problems associated with maintaining stability and continuity of supply at affordable costs.
4. Encouraging university students to make joint research with engineers in electric utilities in the fields of power systems.

CONFERENCE TOPICS

1. **Sources of primary energy**
 - Oil shale
 - Renewables
 - Nuclear
 - Oil and gas
 - Coal
 - Waste to Energy
 - Handling and storage facilities
2. **Technical and technological trends**
 - EHV, UHV, and HVDC Transmission
 - Ground and submarine
 - Interconnections
 - Smart grids
 - Distributed generation
 - Micro grids
 - Super conductors
 - FACTs
 - Power transformers
3. **Regulatory Issues**
 - Electricity supply industry reform
 - Deregulation of markets
 - Public private partnership
 - Power purchase agreements
 - Curtailment of power
4. **Economic and Financial constraints**
 - Performance based incentives
 - Tariff restructuring and revenue considerations
 - Energy efficiency programs costs and revenue sharing
5. **Environmental considerations**
 - ESIA studies in energy markets
 - Nuclear risks
 - Pollution abatement
 - Cost of pollution control and remedy

KEY DATES

Receipt of abstracts deadline:
September 1, 2017

Abstract acceptance:
October 1, 2017

Receipt of full papers:
December 1, 2017

Paper acceptance:
January 1, 2018

**Receipt of the Powerpoint
presentation deadline:**
February 1, 2018

CONFERENCE LANGUAGE

The papers should be submitted in English language (Abstract in Arabic is acceptable)

REGISTRATION FEES

210 USD (150JD): for utilities and companies who are members in CIGRE Jordan

350 USD (250JD): for utilities and companies who are NOT members in CIGRE Jordan

30 USD (21JD): for university students

150 USD (105JD): for attending each workshop

CORRESPONDENCE

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