



# The Annual International Convention Electricity & Energy 2026

November 11-14, 2026 | Eilat, Israel

## Call for Papers

Conference Chairman: **Avraham Rabuchin**, Vice-Chairmans: **Dr. Ilan Suleiman** and **Raanan Danon**

The association's annual conference this year will focus on the areas of developing the electricity and energy sector in the era of distributed generation and storage, energy security and decentralization of the electricity grid, planning and implementing mega projects, ways to increase production from renewable energies, developing infrastructure for electric transportation, cyber defense, advanced energy and air conditioning systems, and preparing an engineering reserve for the economy

The program committee hereby invites the public to submit abstracts or technical and scientific articles in Hebrew or English that will serve as the basis for lectures in the conference program. The topics of the abstracts will be divided into seven tracks:

### Innovation and Applied Research

Track Chair: Prof. **Yossi Pinhasi**

- Communication, information and control
- Advanced research in academia and industry
- Artificial Intelligence (AI)-based systems
- Innovation and groundbreaking research

### Air Conditioning, Energy and Water

Track Chair: **Liron Greenhouse**

- AI Technologies in HVAC Systems
- Mega-Projects in Electro-Mechanical Systems
- Innovations in Water, Plumbing, and Fire Suppression Systems
- Building Fire Safety: Standard Updates and Implementation
- Innovations in HVAC and Refrigeration Systems
- ASHRAE Chapter Session

### Renewable Energies

Track Chair: **Mike Green**

- Renewable energy projects
- Energy Storage – Technologies and Implementation
- Microgrid and energy independence
- Agro-Voltaic
- Solar system maintenance
- BIPV

### Inspections, Measurements and Power Quality

Track Chair: **Miron Givelberg**

- Electrical installation tests
- Innovations in equipment and measurement methods
- Electricity quality and reliability
- Electromagnetic Compatibility and EMF Treatment

### Electric Transportation

Track Chair: **Sergiu Hollinger**

- New trends in mass transit systems
- Planning challenges in the Tel Aviv Metro project
- Vehicle charging infrastructure and technologies
- Charging management systems

### Advanced Operation and Maintenance

Track Chair: **Eran Iwanir**

- Safety risks in maintaining electrical installations
- Ensuring energy resilience in electrical installations
- Innovations and systems operation in medical centers
- Operation and maintenance of power plant facilities

### General

Track Chair: **Avi Lugassi**

- Innovations in Lighting Engineering
- Cybersecurity
- Electricity & Energy Economics
- Advanced Industrial Control Systems

### Data centers & AI Infrastructure

Track Chair: **Shimon Katz**

- Trends in data center facilities world
- Electrical supply and backup for DCs
- Cooling and Air conditioning for DCs

Implementation and supply chain challenge

**Abstract Submission**  
Until 01.08.26

**Approval for Submitters**  
Until 15.08.26

**Manuscripts Submission**  
Until 15.10.2026

All the details on the conference website: [www.electricity2026.com](http://www.electricity2026.com)