

Electricity & Energy 25

The 24th Annual International Conference
November 11–15, 2025, Dan and Herods Hotels, Eilat

Conference Program

Tuesday, November 11th, 2025

Opening of Registration					13:00
<u>Workshop A</u> Energy Measurement Fundamentals Session Chair: Avi Lugasi Herods Boutique Hotel, Queens A	<u>Workshop B</u> Charging: EV Infrastructure י"ר: Herods Boutique Hotel, Queens B	<u>Workshop C</u> Renewable Energy and Storage Session Chair: Valentin Lavrinenko Herods Boutique Hotel, Kings A	<u>Workshop D</u> Radiation Risks in Power Systems Session Chair: Moshe Netzer Herods Boutique Hotel, Kings B	<u>Workshop E</u> Cooling and AC Innovations Session Chair: Rafi Aharoni Dan Eilat Hotel, Coral	15:30
<u>Plenary Session 1</u> The Natural Gas Sector: Future Outlook (13 New Power Plants to Be Built by 2040) Chairman: Adv. Amit Krispin					17:30
Evening break					19:00

Wednesday, November 12th, 2025

Exhibition (Pavilion & Kings Lobby – Herods Boutique, Blue Lobby – Dan Hotel)				Registration (8:00 AM – 6:30 PM)		08:00
<u>Opening Session and Greetings</u> Dr. Ilan Suleiman (Conference Chair), Emil Koifman (President, Society, Adv. Yossi Dayan (Director General, Ministry of Energy), Eli Lankri (Mayor of Eilat), Adv. Doron Arbely (Chair, IEC), Emmanuel Marinko (Chair, Society), Avi Menashe (Deputy Chair) Herods Boutique – Kings						09:30
<u>Plenary Session 1</u> Chair: Dr. Ilan Suleiman Electricity and Energy: Where Are We Headed? Amir Shavit (Chair, Electricity Authority), Meir Spiegler (CEO, IEC), Shimon (Shiki) Fischer (Acting CEO, NOGA – System Operator) Herods Boutique Hotel, Kings						10:30
<u>WAM1</u> Session Chair: Benny Biton Maintenance Safety Risks Herods Boutique – Queens	<u>WAM2</u> Session Chair: Miki Levi Standard Energy Measurement and Metering בוטיק, המלכים	<u>WAM3</u> Session Chair: Hadas Marzel Microgrids and Energy Independence Boutique Hotel, HaMelachim C	<u>WAM4</u> Session Chair: Tzur Segal Advanced Industrial Control Dan Eilat, Tarshish A	<u>WAM5</u> Session Chair: Prof. Monica Pinchas Data and Communication Dan Eilat Hotel, Coral	<u>WAM 6</u> Session Chair: Dalit Bartel Fire Safety in Buildings Dan Eilat Hotel, Blue	11:30
Lunch (Dining Room – Herods Boutique Lobby – Dan Eilat)						13:10
<u>Plenary Session 2</u> Chairperson: Emmanuel Marinko National Projects Herods Boutique, HaMelakhim (The Kings) _____			<u>Plenary Session 3</u> Session Chair: Dr. Ilan Suleiman Entrepreneurship in the Energy Sector: Generation and Supply Dan Eilat Hotel, Tarshish A		<u>WPM 6.1</u> Session Chair: Diana Margolin Technology Selection for Energy Centers Dan Eilat Hotel, Blue A	14:30
Coffee Break (Exhibition Area: Pavilion, Kings Lobby – Herods Blue Lobby – Dan Eilat)						16:00
<u>WPM1</u> Session Chair: Sami Eliav Innovations and Operation of Systems in Medical Centers Herods Boutique Hotel, Queens	<u>WPM2</u> Session Chair: Nimrod Kafri Electric Systems for Rail Transport Dan Eilat Hotel, Tarshish B	<u>WPM3</u> Session Chair: Nir Zeidefonden Renewable Energies Projects Boutique, Kings C	<u>WPM4</u> Session Chair: Alex Yarmolinsky Innovations in Lighting Engineering Dan Eilat Hotel, Coral	<u>WPM5</u> Session Chair: Liat Nehemiah Electricity Sector Regulation Herods Hotel, Kings	<u>WPM 6.2</u> Session Chair: Karin Cohen Innovations in Water, Sanitation, and Fire Protection Systems Dan Eilat Hotel, Tarshish A	16:20
Dinner -at the hotels participants are staying						18:00
Award Ceremony for Certificates, Lifetime Achievement Honors, and Student Scholarships Chairperson: Emill Koifman, President of the Society Dan Hotel, Blue						19:30

Thursday, November 13th, 2025								
Exhibition (in the pavilion and Kings Lobby – Herods Boutique, Blue Lobby – Dan Hotel)			08:00-18:00		Registration			08:00
<u>TAM1</u> Session Chair: Yaakov Mor-Yosef Energy Resilience in Electrical Facilities <i>Herods Boutique Hotel, Queen</i>	<u>TAM2</u> Session Chair: Yitzhak Bracha Electrical Installations Testing <i>Herods Hotel, Kings B</i>	<u>TAM3</u> Session Chair: Shalom Buhbut Connecting Solar Systems to the Power Grid <i>Herods Hotel, Kings A</i>	<u>TAM4</u> Session Chair: Gabi Mazuz Cybersecurity in Critical Infrastructure <i>Dan Eilat Hotel, Tarshish</i>	<u>TAM5</u> Session Chair: Prof. Gadi Golan AI-Based Systems <i>Dan Eilat Hotel, Coral</i>	<u>TAM 6.1</u> Session Chair: Shimon Katz Data Centers and Advanced Technologies in the AI Era <i>Dan Eilat Hotel, Blue A</i>	09:00		
Coffee Break – Pavilion, Kings Lobby (Herods) Blue Lobby (Dan Eilat)								10:40
<u>Plenary Session 4</u> Session Chair: Hertzel Friedman Distribution System Development <i>Herods – Kings B</i>			<u>Plenary Session 5</u> Session Chair: Dr. Dan Weinstock Electric Transportation <i>Dan Eilat – Tarshish</i>			<u>TAM 6.2</u> Session Chair: Anita Tishman Electromechanical Systems – Operation and Maintenance <i>Dan Eilat – Blue A</i>	11:00	
<u>Plenary Session 6</u> Session Chair: Itzik Balmas Electricity 2048: A Look Ahead <i>Herods Hotel – Kings Wing B</i>			<u>Plenary Discussion 2</u> Adv. Gershon Berkovich Regulation and Law <i>Dan Eilat – Tarshish</i>				12:15	
Coffee Break in the Exhibition Area: Pavilion, Kings Lobby – Herods Boutique Blue Lobby – Dan Eilat								13:30
<u>TPM1</u> Chair: Erez Dali Power Plant Operation and Maintenance <i>Herods Boutique – Queens</i>	<u>TPM2</u> Chair: Zohar Weinbaum Power Quality and Reliability <i>Herods – Kings B</i>	<u>TPM 3</u> Chair: Teddy Platow EV Charging Technologies <i>Herods – Kings A</i>	<u>TPM4</u> Chair: Dr. Tzipi Frank Lighting Design Technologies <i>Dan Eilat – Tarshish</i>	<u>TPM5</u> Chair: Prof. Alon Kuperman Breakthrough Innovations and Research <i>Dan Eilat – Coral</i>	<u>TPM 6.1</u> Session Chair: David Young ASHRAE Session <i>Dan Eilat – Blue A Hall</i>	14:30		
Coffee Break (Exhibition Grounds: Pavilion, Kings Lobby – Herods Boutique Blue Dan Hall, Eilat)								16:10
<u>Plenary Session 7</u> Session Chair: Yaakov (Yasha) Hain Development of Generation and Transmission Systems <i>Dan Eilat – Tarshish</i>			<u>Plenary Session 8</u> Session Chair: Oded Agmon Renewable Energies and Energy Storage <i>Dan Eilat – Coral</i>			<u>TPM 6.1</u> Session Chair: Beni Hershkowitz Decarbonization through Energy Efficiency <i>Dan Eilat – Coral</i>	16:40	
End of Sessions								18:10
Dinner – at the hotels where participants are staying								18:30
Friday, November 14th, 2025								
<u>Plenary Session 9</u> Session Chair: TBD AI in the Electricity and Energy Sector <i>Dan Eilat – Tarshish</i>			<u>FAM 5</u> Session Chair: Dr. Gideon Friedman Electricity and Energy Innovation <i>Dan Eilat – Blue B</i>			<u>FAM 6.1</u> Session Chair: New Developments in Air Conditioning Technology <i>Dan Eilat – Blue A</i>	09:30	
<u>Plenary Session 10</u> Session Chair: TBD Navigating the Future with AI <i>Dan Eilat – Tarshish</i>							11: 00	
Closing Session Session Chair: Dr. Ilan Suleiman , Chair of the "Electricity and Energy 2025" Conference Guest Lecture Major General (Res.) Israel Ziv , CEO of Global Group <i>Dan Eilat Hotel, Tarshish</i>							12:00	
Light meal								13:30
Operation and Maintenance Eran Ionir	Tests & Measurements Miron Giblenberg	Renewable Energies Mike Green	Electric Transportation Sergio Hollinger	Innovation & Research Chair: Prof. Yossi Pinhasi	Advanced Systems Chair: Avi Lugasi	Lightning Chair: Dr. Uri Doman	Air Conditioning, Ventilation & Energy Chair: Liron Grinhoyz	Chair man track