



THE ISRAEL
NATIONAL COMMITTEE
הארגון הלאומי הישראלי

מס' העמותה : 58-029-166-4

Colloquium / Webinar

שיטות בתכנון מערכות ורשותות מסירה בעידן אגירה

ואנרגיות המתחדשות – הניסיון במדינות אירופאיות באגן ים התיכון

**System & Grid Planning approaches in age of
Renewable Energy and Storage growth -
the Euro-Mediterranean experience**

GoToWebinar platform

בתמיכת חברת ניהול המערכת

Sponsored by Israeli Independent System Operator

תאריך Date JUNE 7th 2021 @ 14:00 IST (2h)

AGENDA

14:00 - 14:15 * ברכות דברי פתיחה, תפקידים ומטרות הארגון הלאומי הישראלי, מבוא לסמינר ;
מר אלכס לבינזון, יו"ר CIGRE ו- CIRED בישראל.
* אתגרי התכנון העומדים בפני חברת ניהול המערכת – ד"ר עוזי זרחיה, סמנכ"ל תכנון
ופיתוח, חנ"ם (חברת ניהול המערכת)
ד"ר עוזי זרחיה, סמנכ"ל תכנון ופיתוח, חנ"ם (חברת ניהול המערכת)

* מבוא לסמינר, תכנים ומטרות – אנטוניו איליצ'טו, יו"ר וועדת CIGRE – SCC1
- Welcome address: **Mr. Alex Levinzon, Chairman of CIGRE NC and CIRED NC- Israel**
- **The planning challenges facing the Israeli Independent System Operator (IISO):**
Dr. Uzi Zrahia, VP Planning & Development, IISO (Israeli Independent System Operator)
- **Introduction, framework and scope, Antonio ILICETO (CIGRE SCC1 Chair)**

Major trends in Grid Planning
& System Development

Antonio ILICETO
Italy

מגמות עיקריות בתחום תכנון ופיתוח
מערכות המסירה

~15 min

- Cigre experience, current activities and trend-spotting
- ניסיון ב- CIGRE, פעילויות בקבוצות עבודה ומגמות



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<p>Experience of Med-TSO in Planning Studies for addressing the Energy Transition in the Mediterranean</p> <p>Emmanuel BUE Med-TSO, Turkish NC-CIGRE</p>	<p style="text-align: right;">~15 min</p> <ul style="list-style-type: none"> • יחסי גומלים בין אזור המזרחי של ים התיכון וישראל
<p>Methodology for grid planning studies: French experience</p> <p>Alexandre PERIN Eric MORELLE French NC- CIGRE</p>	<p style="text-align: right;">~15 min</p> <ul style="list-style-type: none"> • מתודולוגיה במחקרים בתחום תכנון המערכת: הניסיון
<p>Italian grid planning, impact of growing RES and Storage</p> <p>Bruno COVA Italian NC- CIGRE</p>	<p style="text-align: right;">~15 min</p> <ul style="list-style-type: none"> • פיתוח מערכת החשמל באיטליה - השפעת אנרגיות המתחדשות ושל שיטות אגירה אנרגיה
<p>Global interconnected system, exploiting RES, Storage and UHV lines</p> <p>Gérald SANCHIS French NC-CIGRE WG C1.44 Convener</p>	<p style="text-align: right;">~15 min</p> <ul style="list-style-type: none"> • תיאור פעילות קבוצת עבודה C1.44 בנושא קישורים אנרגטיים בינלאומיים
<p>Growing relevance of regional cooperation for global de-carbonization</p> <p>Angelo FERRANTE Med-TSO Secretary General</p>	<p style="text-align: right;">~10 min</p> <ul style="list-style-type: none"> • קשרי ישראל עם Med-TSO
<p style="text-align: center;">Q & A session</p>	<p style="text-align: right;">~30 min</p> <p>Responding to question (live or prepared before the webinar) שאלות מהקהל – ניתן להעביר מראש</p>

~ 16:00

סיכום וסיום האירוע

Final comments and wrapping up



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Lecturers – המרצים

	<p>BRUNO COVA CIGRE Distinguished Member</p> <p>Italian officer at CIGRE Study Committee C1</p> <p>Italy</p> <p>bruno.cova@cesi.it</p>	<p>Bruno Cova has a MSc in Electrical Engineering. Since 1986 he has been working in Milan for CESI, a consultancy company focused on electrical system design, testing and certification. At present, he's the director of Advisory Services and Studies Unit. He has extensive experience of transmission planning and feasibility studies relevant to power system interconnections and generation from renewable sources, notably in Europe, the southern and eastern Mediterranean region and some countries of Latin America and sub-Saharan Africa.</p> <p>Bruno Cova has been engaged for years in international associations such as CIGRE, IEEE and WEC (World Energy Council) .</p> <p>In 2007 he received the CIGRE Technical Committee award in recognition of his outstanding contribution to Study Committee C1 "System Development and Economics." From 2014 he's CIGRE distinguished member and he's currently the Italian officer at CIGRE Study Committee C1.</p> <p>He's author of more than 70 papers presented at international and national conferences.</p>
	<p>Emmanuel BUÉ Chairman, Technical Committee Economic Studies and Scenarios of Med-TSO</p> <p>Turkey</p>	<p>Emmanuel BUÉ has been working for more than 20 years in the field of grid development, including 6 years in contributing to the Generation Adequacy Report on the electricity supply-demand balance in France.</p> <p>He is chairman of the Technical Committee Economic Studies and Scenarios of Med-TSO, the association of the Mediterranean Transmission System operators. He is in charge of leading mid- and long-term Power System scenarios building and performing Market Studies.</p> <p>Previously, he has been the leader of technical-economic and probabilistic studies team in the Transmission grid development Department of RTE. He managed the French 400 kV grid development studies from the long-term perspective to the committing date, and realized in particular the long run RTE 400 kV Master Plan 2030.</p> <p>He holds an engineering degree from Ecole Centrale de Lille (1995) and a master degree in automatic and regulation from the University of Lille.</p>
	<p>ANTONIO ILICETO Chairman Cigrè Study Committee C1</p> <p>System Development & Economics</p> <p>Italy</p> <p>antonio.iliceto@terna.it</p>	<p>In CIGRE Antonio Iliceto Chairs Study Committee C1 System Development & Economics, is member of Technical Council and contributed/convened several WGs on sector coupling, hydrogen, resilience, grid planning drivers and CBA, interconnections assessment, global grids, TSO-DSO relation, African electrification.</p> <p>Electrical Engineer, started his work in Africa for United Nations technical cooperation. Then for a decade in Oil & Gas major ENI- AGIP in Strategies, Investments Planning, Merging& Acquisitions.</p> <p>Since 2001 he is with Terna, Italian TSO, covering several positions in: Power Market initial set-up and Settlement, International Business Development, Technology Engineering, Strategies Despatching and Planning, Realisation of several Interconnection projects in Mediterranean area, International Relations with Grid Operators.</p> <p>Since 2013 he focuses on R&D & Innovation, in several EU funded projects (among which Best Paths as Chairman of Consortium), in ENTSO-E (Convener of Working Group "Future Energy Systems" , past Convener of WG "RDI Planning" in the Committee Research, Development and Innovation), in ETIP SNET (EU Platform for energy cross-sector coordination of R&D & Innovation) as co-chair of WG1 on Grids & Systems and past co-chair of Governing Board. Currently engaged in works on Global Grids, Sector Integration, Electric Vehicles and Hydrogen.</p> <p>He is active in MedTSO (Association of Mediterranean TSOs, Operations Committee and Scenario Committee), IEC ACTAD (Advisory Committee on T&D, co-chair of TT4 and TT6 on Global Grids), ISGAN (Executive Committee member and Annex6 on T&D systems), Dii - Desert Energy (member of Advisory Board and of several technical WGs), AEIT – LEE (Italian Electricity Journal as Editorial Board member and reviewer).</p>



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	<p>Alexandre PÉRIN RTE - France</p>	<p>Alexandre PÉRIN is a power system expert at RTE international. After graduating as a generalist engineer from the Institut Supérieur de l'Electronique et du Numérique in Brest in 2018, Alexandre started his career at RTE in internship as a junior electrical engineer within the Strategy Department of the National Operations Centre . At the end of his internship, and after a good first experience in the French TSO, Alexandre joined the RTE international team as a power system expert. He is responsible for various economic and technical studies for consulting services. In parallel to the realization of these studies, he is the internal reference on storage issues as well as for the market simulation tool: Antares Simulator, developed by RTE. In this sense, he organizes training sessions on the tool with users and participates in the ongoing development and maintenance of the software.</p>
	<p>Eric Morelle RTE International - France</p>	<p>Eric Morelle has been working for 17 years in the field of grid development for RTE, including 3 years of load forecasting and supply demand balance, and 10 years in high and very high voltage grid studies. He has been part of the decision-making phase for creating a very high voltage 160 km long overhead double line, still the last infrastructure of such importance realized in France. As an engineering Project Manager, he directed the construction of high and very high voltage aerial and gas insulated substations. Eric now holds a position of Project Manager for RTE International and has conducted several projects in the field of Renewable Energy Sources penetration (Guinea, Tunisia) and Battery Energy Storage Systems (Ukraine, New Caledonia).</p>
	<p>Gérald Sanchis RTE ENTSO-E Adviser - France</p>	<p>Gérald Sanchis is working at RTE. He is special adviser to the President of ENTSO-E, the European Association of TSO. Previously, he held a variety of positions in management and in technical domains inside RTE and EDF Group in France, and in Germany . He is distinguished member of CIGRE, convenor of C1.44, addressing Global grid issue, senior member of IEEE, Secretary General of SEE (French association of Electricity and Electronics). He was the coordinator of the FP7 European project e-Highway2050.</p>

The seminar is designed for:

- Government and State Agencies advisers/consultants. We will invite representatives from the Ministry of Infrastructure, Ministry of Finance, Ministry of Environment, Regulator (PUA), and others.
- IISO/Utilities' Senior Management, members of the Board of Directors and/or their representatives, and other decision makers.
- Consulting engineers, academic stuff, financial professionals and like.
- Innovators, engineers in the field of HV, MV and renewable, Dispatch control Centers.
- Entrepreneurs and investors.

The Colloquium / Webinar will be held in English – קולוקוויום יועבר בשפה האנגלית

יש צורך במילוי טופס המצ"ב.

הקשר לרישום לוובינר יישלח עם קבלת טופס הרשמה.



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ספח הרשמה – נא להקפיד על ספח חתום

לכבוד – הארגון הלאומי הישראלי ס.י.ג.ר.ה (ע"ר)

רח' חנטקה 36, חיפה

0523-997094 פקס: 048342506 , דוא"ל: levinzon.alx@gmail.com

הנני מאשר/ת השתתפותי ב- Webinar בנושא:

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שם פרטי	שם משפחה
_____	_____
ת.ז.	_____
הכתובת	_____
המיקוד	_____
מקום העבודה	_____
טלפון (ב)	_____
הטלפון (ע)	_____
נייד	_____
פקס'	_____
ד.א.	_____

נא לסמן כאן:

אחר	חבר בהתאגדות המהנדסים	חבר בלשכת המהנדסים	אזרח וותיק	סטודנט	חבר CIRED	חבר CIGRE
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

נא להעביר את הטופס ל levinzon.alx@gmail.com עם העתק גם ל- cigre.ncisrael@gmail.com

לפרטים נוספים: נא לפנות לאלכס לבינזון: 0523997094