

## EUREC & EERA Joint Programme Smart Grids

### Common Workshop in Cyprus under the auspices of PHAETHON CoE

**Date: 21 May 2025**

**Place: University of Cyprus, Anastasios G. Leventis building Room: B108**

**First workshop: 9:30 to 12:50**

**Title:** Achieving the 2030 targets in line with the long-term strategic objectives of the energy transition that capture the aspirations of the Green Deal and REPowerEU: What it means to island Cyprus using the experience of more mature markets?

#### Invited participants:

Ministry of energy of Cyprus, Ministry of Transport, Ministry of the Environment, CERA, TSOC, DSO of Cyprus, EAC, Association of RES, Association of Competitive market, Technical Chamber of Cyprus, Members of the Associations EUREC and EERA JP SG, PHAETHON, UCY

#### AGENDA

**Wednesday, 21 May 2025 – 9:30 to 12:30**

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| <b>9.30</b>                                | <b>Welcoming messages</b><br><i>Venizelos Efthymiou, PHAETHON CoE</i><br><i>The University Rector</i><br><i>The Chair of PHAETHON</i>   |
| <b>9.50 – 10:10</b><br><b>10:10 -10:30</b> | <b>Energy transition objectives of EU</b><br>The strategic objectives for energy of Cyprus for 2030, Charalambos Rousos, Director of Energy (TBC)<br>The importance of meeting the EU strategic objectives of 2030 for energy – Luciano Martini, Chair of EERA JP SG and RSE Italy  |
| <b>10.30 - 11:10</b>                       | <b>Discussing the energy transition strategic objectives for 2030 on energy with the stakeholders of Cyprus</b><br>Coordinator: Tara Esterl, Vice chair of EUREC and AIT  |
| <b>11:10-11:30</b>                         | <b>Coffee break</b>   |
| <b>11.30-11:50</b><br><b>11:50-12:10</b>   | Steps taken to facilitate towards the opening of the competitive market of Cyprus: by Autumn 2025 – Stavros Stavrinos – Executive Director of the Transmission System Operator Cyprus (TSOC), Dr. Constantinos Varnava – Electricity Market Manager of TSOC)<br>Lessons learned from grid operation and electricity markets studies in the EU, and identified challenges to be adhered to – Irina Oleinikova of EERA JP SG and NTNU |
| <b>12:10-12:50</b>                         | <b>Discussing the lessons learned from the operation of the electricity market in EU and how these can help Cyprus to initiate operation smoothly.</b><br><i>Coordinator: Wolfram Sparber, Chair of EUREC and EURAC</i>   |
| <b>12.50-14:00</b>                         | <b>Lunch at the university campus</b>   |

## Second Workshop: 14:00 to 17:00 hrs

**Title:** The Terawatt era of RES and the vital contribution of flexibility for preserving security of supply.

### Invited participants:

Ministry of energy of Cyprus, Ministry of Transport, Ministry of the Environment, CERA, TSOC, DSO of Cyprus, EAC, Association of RES, Association of Competitive market, Technical Chamber of Cyprus, Members of the Associations EUREC and EERA JP SG, PHAETHON, UCY

| <b>AGENDA</b>  |  |
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| <b>Wednesday, 21 May 2025 – 14:00 to 17:00</b>                           |  |
| <b>Meeting room: Anastasios G. Leventis building Room: B108</b>          |  |
| <b>14:00 –14:20</b>  | Managing the reliability of the interconnected grid in Cyprus during high penetration of RES – George Georgiou, Director of the DSO of Cyprus (TBC)  |
| <b>14:20 -14:40</b>  | Adaption of technologies and systems to achieve optimal use of resources on the onset of high-RES penetration – Graeme Burt – University of Strathclyde  |
| <b>Discussing the high-RES integrated system of the island of Cyprus</b> |  |
| <b>14.40 -15:20</b>  | Coordinator: An expert of EUREC (to be nominated)  |
| <b>15:20-15:40</b>   | <b>Coffee break</b>  |
| <b>15.40-16:00</b>   | Using valuable flexibility resources such as storage systems for managing effectively the onset of high RES in the interconnected system – Representative of TSOC or DSO Cyprus (TBC)                        |
| <b>16:00-16:20</b>   | Challenges and solutions to make Smart Grids the enabler of the energy transition in the EU: key insights from the EERA JP SG White Paper- Kari Maki (VTT), Mattia Cabiati (RSE)and Maria Valenti (ENEA TBC) |
| <b>16:20-17:00</b>   | <b>Discussing the use of flexibility resources for managing intermittency in support of the vulnerable electricity system of Cyprus.</b><br><br><i>Coordinator:</i> Henrik Bindner, DTU                      |
| <b>End of the workshops</b>  |  |