



## **Press release and invitation to the international workshop “Ancillary services in active distribution networks, based on monitoring and control techniques”**

The Power Systems Laboratory of the Department of Electrical and Computer Engineering of Democritus University of Thrace organizes, within the framework of the H.F.R.I. project '**Ancillary services in active distribution networks based on monitoring and control techniques - ACTIVATE**', organizes an international workshop.

Scope of **ACTIVATE** is to develop novel DSO-oriented and TSO-oriented ancillary service solutions. These solutions aim to address the emerging grid operation challenges caused by the increased Distributed Generation (DG) penetration and especially by the intermittent nature of Distributed Renewable Energy Sources (DRESs). The **ancillary services** to be developed are based on exploiting the functionalities the network assets offer including:

- a) Energy Storage Systems (ESSs)
- b) Novel operational features of the grid-interfaced converters of ESSs and DRES units
- c) A new monitoring system architecture for active distribution networks (ADNs) based on measurements acquired locally at the point of common coupling of the DRES units.

The project contributes to the increase of supply reliability and DRES penetration, in an attempt to meet the targets European Union has set to improve sustainability, flexibility, and efficiency in the electricity sector.

More information for the project and its objectives can be found in the project website <https://activate.ee.duth.gr/>

The workshop will take place on Friday 19/05/2023 at amphitheatre A3, Building A, Department of Electrical & Computer Engineering, DUTH, Kimmeria Campus, Xanthi

In the workshop the main findings of **ACTIVATE** will be presented and discussed along with key note speaker talks. The detailed program of the workshop is attached and participation is free.





We believe that the topics of the workshop are of particular interest to you and we hope to meet you on 19/05/2023 and discuss the next steps in the new energy environment.

Yours sincerely  
The Principal Investigator of **ACTIVATE**

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## PROJECT PARTNERS

