

FACILITATING THE TRANSITION TO DSOs WITH HIGH RES PENETRATION

How to face voltage problems in low and medium voltage grids?

IEEE PowerTech Eindhoven 2015 – Special session

Wednesday, 1st of July 2015

Meeting room: IEEE PowerTech conference venue

Registration: In order to participate to this special session, please send an email to: sophie.gillaerts@ugent.be with PowerTech 2015 INCREASE Mid-term Conference in the subject **before June 20th 2015**

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INCREASE is focusing on how to manage renewable energy sources in LV and MV networks, to provide ancillary services (towards DSO, but also TSOs), in particular voltage control. INCREASE also investigates the regulatory framework, grid code structure and ancillary market mechanisms, and proposes adjustments to facilitate successful provisioning of ancillary services that are necessary for the operation of the electricity grid including flexible market products.

During the INCREASE Mid-term Conference the focus is on how to tackle voltage problems in low and medium voltage grids. Not only will the INCREASE solution be presented there, but also other solutions will be discussed. Speakers of projects such as evolvDSO, IDE4L, DREAM and IGREENGrid will share their views and solutions with the audience.

Presenters at this conference will be:

- Lieven Vandeveld (Ghent University): How to solve voltage problems in the low and medium voltage grids? The INCREASE approach.
- Ricardo Bessa (INESC): evolvDSO: a solution for low voltage networks.
- Bhargav Swaminathan (Institut Polytechnique de Grenoble): evolvDSO: a solution for the medium voltage networks.
- Sami Repo (Tampere University of Technology): IDE4L and voltage control linked to congestion management.
- Elisabeth Drayer (Kassel University) and Emmanuelle Vanet (INPG): The DREAM voltage control.
- Despina Koukoula (ICCS-NTUA): Overview of the voltage control schemes applied in the IGREENGrid demo sites.

More information is available on www.project-increase.eu.