

ISGAN Annex8

ISGAN Academy on Smart Grids

E-learning Platform for Knowledge Sharing and Expansion of Smart Grid Solutions

The objectives of the ISGAN Academy is to offer the ISGAN community and external stakeholders of high-level engineers and decision makers a means of rational and efficient continuous technical skills complement and update in the field of smart grids.

The academy was initially thought as a structured e-learning platform offering a comprehensive skills development programme (from power system fundamentals to more specialized courses on breakthrough smart grids solutions). Based on the discussions with the academy group a more realistic solution emerged, based on a more modular concept. Therefore, the academy is proposed as a set of e-learning modules dealing with different smart grids aspects, where fundamentals and further reading material are considered as appendices out of the critical learning path. In addition, the academy can also contain structured information (public material) about recent developments, best practices, interesting methodologies, etc. on smart grids theory, application, deployment, events, etc. The academy works as an open platform for different experts from ISGAN network to share their knowledge with ISGAN community and many stakeholders on the Smart Grid field.

Topics	Date of the Webinar
Reference Network Models	March 3rd, 2017
GARPUR Project: Generally Accepted Reliability Principle with Uncertainty modelling and through probabilistic Risk assessment	May 23rd, 2017
Cybersecurity, resiliency and reliability	June 28th, 2017
Cybersecurity for Smart Grids: Technical Approaches to Improve Cybersecurity	September 11th, 2017
2nd GARPUR Project: TSO Reliability Management: A probabilistic approach for better balance between reliability & costs	October 2nd 2017
Augmented reality for Smart Grids	December 13rd 2017
Distribution Planning for Smart Grids	February 14 th , 2018
Perspectives on ISGAN Knowledge Transfer Projects (KTP) in Mexico, Belgium and India	April 18 th , 2018
Rural Electrification Model for Universal Access to Electricity	June 13 th , 2018
Cost-Benefit Analysis for Smart Grids	September 2018

Past webinars are available at <http://www.leonardo-energy.org/resources/1070/isgan-academy-58ec8d2e7b9b0>.