The smart grid research network: Road map for Smart Grid research, development and demonstration up to 2020

This road map is a result of part-recommendation no. 25 in ‘MAIN REPORT – The Smart Grid Network’s recommendations’, written by the Smart Grid Network for the Danish Ministry of Climate, Energy and Building in October 2011. This part-recommendation states:

“Part-recommendation 25 – A road map for Smart Grid research, development and demonstration

It is recommended that the electricity sector invite the Ministry to participate in the creation of a road map to ensure that solutions are implemented and coordinated with related policy areas. The sector should also establish a fast-acting working group with representatives from universities, distribution companies and the electric industry, in order to produce a mutual, binding schedule for the RDD of the Smart Grid in Denmark.

Time prioritisation of part-recommendation: 2011-2012

Responsibility for implementation of part-recommendation: Universities, along with relevant electric-industry actors, should establish a working group for the completion of a consolidated road map by the end of 2012.”

In its work on this report, the Smart Grid Research Network has focused particularly on part-recommendations 26, 27 and 28 in ‘MAIN REPORT – The Smart Grid Network’s recommendations’, which relate to strengthening and marketing the research infrastructure that will position Denmark as the global hub for Smart Grid development; strengthening basic research into the complex relationships in electric systems with large quantities of independent parties; and improved understanding of consumer behaviour and social economics. Naturally the work has spread to related areas along the way. The work has been conducted by the Smart Grid Research Network.

General information
State: Published
Organisations: Department of Electrical Engineering, Center for Electric Power and Energy, Department of Applied Mathematics and Computer Science, Dynamical Systems, University of Southern Denmark, Aarhus University, Danish Energy Industries Federation, Danish Energy Association, Aalborg University
Number of pages: 36
Publication date: 2013

Publication information
Original language: English
Electronic versions:
prod21368465478030.EN_Smart_Grid_Forskningsnetvaerkets_Roadmap_02.05.13.pdf

Bibliographical note
This road map is a result of part-recommendation no. 25 in ‘MAIN REPORT – The Smart Grid Network’s recommendations’, written by the Smart Grid Network for the Danish Ministry of Climate, Energy and Building in October 2011
Source: dtu
Source-ID: u::7524
Research output: Research - peer-review › Report – Annual report year: 2013