From photovoltaic generation to end-users with minimum losses

OBJECTIVES

- A complete system with solar power, battery storage, load control, direct current (DC) network and DC loads will be demonstrated in a single-family house. The study provides an integrated approach, from solar cells to use in household and installation technology products and systems.

EXPECTED RESULTS

- Further development and validation of the technology to make it possible to integrate solar power effectively into the Swedish grid.

PARTICIPANTS

- RISE, Asko Appliances, Chalmers University of Technology, Derome Hus, Ferroamp Elektronik, Herrljunga El, Johanneberg Science Park, Metrum Sweden, NIBE, SystemAir Sverige, The Swedish Federation of Wood and Furniture Industry (TMF), Wallenstam, Wilo, Volvo Cars, and Region Västra Götaland.

FINANCED BY

- Swedish Energy Agency as well as the participating organisations and companies.

TIME SCHEDULE

- 1 januari 2017 – 31 december 2020

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