

Contribución de la energía eólica y fotovoltaica a la estabilidad de sistema y a la recuperación rápida tras un apagón

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on line - <https://teams.microsoft.com/meet/3167720873488?p=w3qLR5YXSsIO2KGXFb>

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Resumen:

Revisión de las estrategias de control grid-forming de aerogeneradores tipo 3 y tipo 4 y su aplicación al aumento de márgenes de robustez del sistema eléctrico y su contribución al restablecimiento rápido de la recuperación tras un apagón. Relación y posible aplicación al sistema Ibérico.

Sobre Ramón Blasco Giménez:

Prof. Ramon Blasco-Gimenez obtained his BEng. degree from the Technical University of Valencia (UPV), Spain, and his Ph.D. degree in Electrical and Electronic Engineering from the University of Nottingham, U.K. He is currently a Professor at the Dept. of Systems Engineering and Control of the UPV and Director of the Research Institute of Automatics and Industrial Informatics (Ai2). He has carried out consulting work on integration of wind farms to weak grids, risk-based operation and maintenance of offshore wind farms and wind turbine converter control. His research interests include wind power generation, offshore wind farms, HVDC converter control and grid integration of renewable energy. Prof. Blasco-Gimenez has worked in more than 30 research projects, being PI in 20 of them. He has published more than 150 journal and conference papers. He is a Member of the IEEE, the Solar Energy Research Centre SERC-Chile, Electrimacs committee, past-chair of the IEEE Industrial Electronics Society Renewable Energy Technical Committee. He is an expert member of the International Electrotechnical Commission IEC Standard Committee 8A "Grid Integration of Renewable Energy Generation".