



## Editorial Distributed Power Generation Scheduling, Modeling, and Expansion Planning

Javier Contreras \* D and Gregorio Muñoz-Delgado D

Escuela Técnica Superior de Ingeniería Industrial, Universidad de Castilla—La Mancha, Campus Universitario s/n, 13071 Ciudad Real, Spain; Gregorio.Munoz@uclm.es

\* Correspondence: Javier.Contreras@uclm.es

This volume contains the successful invited submissions [1–8] for a Special Issue of *Energies* on the subject area of "Distributed Power Generation Scheduling, Modelling, and Expansion Planning".

Distributed generation is becoming more important in electrical power systems due to the decentralization of energy production. Within this new paradigm, new approaches for the operation and planning of distributed power generation are yet to be explored. Thus, this Special Issue deals with distributed power generation, considering its operation, scheduling, and planning. Topics of interest include, but are not limited to, the following:

- Distributed power generation modeling;
- Integration of distributed generation in distribution systems and smart grids;
- Distributed power generation expansion planning;
- Optimal scheduling of distributed power generation;
  - Distributed generation in a transactive energy framework.

Published submissions for this Special Issue include the most important topics applied to distributed power generation, such as:

- Benders decomposition for renewable generation investment;
- Micro-grid management;
- Economic dispatch for hybrid micro-grids;
- Energy storage and curtailment;
- Distributed generation capacity allocation and control;
- Charging of electric vehicles;
- Environmentally-based economic dispatch and demand response;
- Battery energy sources usage.
  - Responses to our call for papers had the following statistics:
- Submissions (19);
- Publications (8);
- Rejections (11);
- Article type: review article (1) and research article (7).

Authors' geographical distribution (for published papers):

- Korea (2);
- Spain (1);
- China (1);
- Poland (1);
- Croatia (1);
- Portugal (1);
- Italy (1).

We found the editions and selections of papers for this book very inspiring and rewarding. We also wish to thank the editorial staff and reviewers for their efforts and help during the process.



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