

## Energy Storage in Modern Power System

Energy storage systems have become the key elements in the modern power system as they are being used to provide the primary/secondary frequency control, voltage regulation, power quality improvement, stability enhancement, reserve services, peak shaving, and so on. The integration of energy storage technologies in the power system will contribute greatly to the development of smart grids besides providing promising solutions to the aforementioned issues. This book aims to illustrate the potential of energy storage systems in different applications of the modern power system considering recent advances and research trends in storage technologies.

**Topics include but are not limited to the following:**

1. Energy storage system and their applications in modern power system.
  2. Recent advances and research trends in energy storage techniques in modern power system.
  3. Role of energy storage system in development and integration of renewable energy technologies.
  4. Energy storage in providing demand response in power system.
  5. Energy storage systems for frequency regulation services in modern power system.
  6. Electric vehicles as means of energy storage and impacts on modern power system operation.
  7. Role of energy storage systems in the microgrid operation and control.
  8. Energy storage systems for developing strategies in energy markets participation.
  9. Energy storage technologies for ancillary services.
  10. Techno-economic evaluation of energy storage systems for modern power system.
  11. Reliability analysis and the role of energy storage technologies for sustainable power networks.
  12. Energy storage technologies: Future role and Challenges.
- .....etc.

### Important Dates:

<b>June 10, 2020:</b>	Book Chapter Proposal Submission
<b>June 15, 2020:</b>	Proposal Approval Notification
<b>July 30, 2020:</b>	Full Chapter Submission
<b>August 10, 2020:</b>	Chapters review notification
<b>August 25, 2020:</b>	Revised chapter Submission
<b>August 31, 2020:</b>	Final Acceptance/ Rejection of the chapter

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## Submission Guidelines:

- Proposals should be limited to 1000 words and include a brief description of the research problem relevant to the proposed book research area, tentative table of content/tentative sections, and subsections of the chapter, and Author/ Author's details with affiliation.
- Authors can submit book chapter proposals through **easychair** using the submission link: <https://easychair.org/conferences/?conf=esmps2020>
- Each chapter should count a minimum of **15 pages and a maximum of 30-35 pages (single column, 1.5-line spacing)**.
- Submissions will be reviewed in a **double-blind manner**.
- Submission of an article implies that the work described has not been published previously, that it is not under consideration for publication elsewhere, that its publication is approved by all authors and tacitly or explicitly by the responsible authorities where the work was carried out.
- There is **no publication fee**.
- The book will be published under the joint imprint, **Wiley-Scrivener**, Scrivener Publishing house, Beverly, MA 01915-6106, USA.
- Book after completion will be also submitted to **Scopus** for indexing.
- Interested authors may also suggest/share other chapter proposals relevant to the proposed book area with the editors.
- All questions about the submission and other queries should be emailed to [yp\\_verma@pu.ac.in](mailto:yp_verma@pu.ac.in), [sandeepo8@hau.ac.in](mailto:sandeepo8@hau.ac.in), [editoresmps@gmail.com](mailto:editoresmps@gmail.com).