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# List of Publications

## Journals

1. **Abhishek Singh**, & Avirup Maulik, "Resilience-oriented scheduling of DC microgrid considering participation in the automatic frequency regulation reserves market", *Sustainable Energy, Grids and Networks*, pp. 101578, 2024.
2. **Abhishek Singh**, Alok Kumar, K.A Chinmaya, & Avirup Maulik, "DC microgrid operation with hybrid energy storage considering islanding constraints and demand response coordination: A bi-level Stackelberg game approach", *Journal of Energy Storage*, vol. 102, pp. 113913, 2024.
3. **Abhishek Singh**, Alok Kumar, K.A Chinmaya, & Avirup Maulik, "Optimal operation of an electricity-hydrogen DC microgrid with integrated demand response", *Sustainable Energy, Grids and Networks*, pp. 101451, 2024.
4. **Abhishek Singh**, & Avirup Maulik, "DC Microgrid energy management with correlated uncertainties", *Sustainable Energy, Grids and Networks*, vol. 35, pp. 101137, 2023.

## Conference

1. **Abhishek Singh**, & Avirup Maulik, "Resilience Oriented Economic Operation of DC Microgrid with Correlated Uncertainties", In *18th International Conference on Probabilistic Methods Applied to Power Systems (PMAPS), IEEE*, pp. 1-6, 2024.
2. **Abhishek Singh**, & Avirup Maulik, "Optimal Energy Procurement Scheme of a DC Microgrid with Demand Response Participation". In *International Conference on Artificial Intelligence Techniques for Electrical Engineering Systems (AITEES)*, pp. 61-71, 2022.