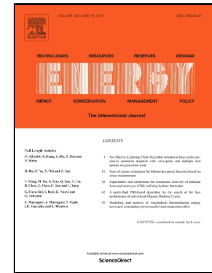


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Optimal Planning of Electric Vehicle Charging Station at the Distribution System Using Hybrid Optimization Algorithm

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Research Highlights

- **A novel optimal placement strategy of electric vehicles charging station.**
- **A hybrid algorithm based on both GA and PSO.**
- **Voltage profile shown improvement in the lowest p.u. voltage value.**
- **A better performance in terms of quality of solution with lesser number of iterations.**
- **The minimum stress on the distribution system.**

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