Abstract

Grid Integration and Grid Management, in conjunction can bring about a tremendous change in the way electricity is generated and consumed. Smart Grid uses two-way flow of electricity and information to create an automated energy delivery network, it is even regarded as the next generation power grid. In this paper, a Smart Grid has been designed by MATLAB simulation approach for synchronization of two power plant and for analysis of active power and grid frequency. Using active power and frequency of grid, helps in analysing the range of maximum permissible loads that can be connected to their relevant bus bars.
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Index Terms

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Keywords

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