

## Abstract Details

**Title:** A Comparative Analysis Of Different Congestion Management Techniques

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**Abstract:** Managing Congestion Is An Important Issue In Deregulated Power System. Due To Congestion In Transmission Line, The Electricity Prices Increases Which Makes The Market Inefficient And Thus, Results In Market Power. Because Of This, Managing Congestion In The Transmission Line Has Become A Very Challenging Task For The System Operators So As To Maintain The Power System Reliability Which Results In An Efficient, Secured And Economical Power Markets. In This Paper, Focus Has Been Given On Different Aspects And Methodologies Of Managing Congestion Based On The Survey Of Bibliographical Literature Which Is Available On Congestion Management. This Paper Gives The General Concepts On Congestion Management, Briefing Of Research And Future Aspects Which Is Related To Managing Congestion Andthe Methodologies Used In Electricity Markets For Congestion Management.

**Keywords-** Congestion, LMP (Locational Marginal Price), Market Power, Re- Dispatch, Zonal Price, Reactive Power, FACTS.