Abstract

Maintaining consistency in terms of electricity supply capacity should be the aim of any research in this area. Hence the concern of maintaining the stability of this great production-transport-distribution system, even when low probability major disruptions is to occur. The study of the operation of the national grid shows that it is adequately equipped to cope with such disruptions. Thus, the oscillations observed at that level are quickly reduced and hence the interconnected system maintains synchronization in case of loss of a VHV substation.
The Behavior of the Algerian Network after the Loss of a VHV Substation

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Index Terms

Computer Science
Power Systems

Keywords

Electrical network  protection  electrical interconnection  loss of synchronism  stability