

## Abstract Details

**Title:** A Review on Spinning Reserves Optimization

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**Abstract:** Today the consumers require more reliable system for the supply of electricity. This increases competition among the electrical utilities providing electrical energy. Thus to maintain the quality of the electricity supply market more services are required. The main purpose of these services is to maintain the quality level and security of the power supply industry. Now to control the frequency of the system it is required that a certain amount of active power is to be kept in reserve which can be used in re-establishment of the balance between the demand and the generation at all times. A general definition of reserve is given as the amount of generation capacity that can be used to produce active power over a given period of time. This generation capacity is not committed to produce energy for normal time periods.

**Keywords:** Spinning Reserve, Reserve Capacity, Operating Cost.