

## SECTION 7

### **Conclusion**

7.1 The main aim of these guidelines is to bring awareness regarding the need to improve the quality of sub-transmission and distribution equipment. These guidelines will be very much valuable in sustaining and improving the skills and knowledge of the engineering and other technical staff of the utilities and in providing them with an account of hard won experience of CEA and other expertise available in the country.

7.2 These guidelines are systematic approach to, tackle down the problem relating to preventive and predictive maintenance, development of a procedure to evaluate the performance of a sub transmission and distribution project and evolving of a procedure to monitor the implementation of a project. These areas need much attention to improve the quality and reliability of power supply to consumer.

7.3 The transmission and distribution losses which are reported by each utility to be very high, together with inconvenience to consumer can definitely be minimised by evolving detailed procedures within the framework of these guidelines which too is an involved process and need attention of each utility.

7.4 While the utilities have fulfilled the preliminary objective of integrating the power system so as to reach the consumer, efforts are needed towards extending uninterrupted power supply to consumer's expectation. This can only be done when concerted efforts are made by the utilities engineers by continuous evaluation of the performance of the distribution system and take corrective steps to reduce the technical losses.

7.5 In present days State Electricity Boards are striving to improve the performance of the organisation to survive. These guidelines help to increase the productivity of the utility through multifaceted improvements at grass root levels. The ultimate aim of this guideline is to help utilities in

- Better Project Management
- Performance Evaluation of the Distribution System
- Proper and Timely O&M of Equipment
- Taking Residual Life Assessment and R&M Activities

7.6 In the present scenario utilities are lacking in building a code of conduct, mechanism to improve working culture. Utilities must evolve a solution for such bottlenecks and work out programmes for accelerating productivity, increasing profits, fostering rapid growth ,enhancing safety and reliability of the system, ensuring better quality of the equipment, providing a reliable data base for decision making, enhancing accountability to curb thefts, redesigning systems and procedures for procurement, delegating powers to responsibility centers , imparting qualitative and indepth training.