

Analysis of Production Downtimes of Thermal Power Plant at Raichur-A Case Study

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Abstract

Smoother generation of power production process at Thermal Power Plant (TPP) necessitates discovering the knowledge of production downtimes pattern. In the present paper, the authors have made an attempt to develop Normal and Lognormal model for fitting the production downtimes (repair hours) of TPP located at Raichur, Karnataka. The Chi-square test is used to test the appropriateness of the models. Conclusions are drawn based on the result obtained.

Keywords: Repair hours, Normal and Lognormal distributions, chi-square test.

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