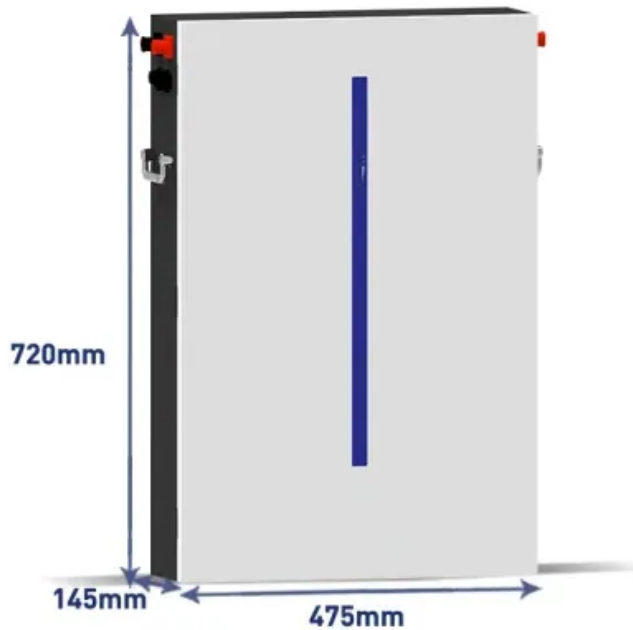


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**Maintenance cycle of
telecommunications company
base stations**



Overview

Maintenance schedule optimization is a key component of telecom tower maintenance best practices. The frequency of routine maintenance checks depends on local regulations, with self-supporting towers typically requiring checks every three years and guyed towers every five years. Regular maintenance of telecommunication towers enables effortless connectivity to the system and provides a guarantee of network reliability. The telecom towers industry was US\$. Outlined in this chapter are major concepts, policies, procedures, and performance targets that have to be adopted during the plan period for efficient operation of the system. To prepare standard and uniform Procedures in order to make O/M activities effective and efficient in all centers. It covers every stage from initial conception to final decommissioning. Effective management throughout this entire period is essential. It maximizes the asset's value, ensures safety, and maintains. The method used in the treatment of BTS in this study to determine treatment priorities of existing equipment in the BTS based on vital functions and data destruction in order to obtain its value MTTF and MTTR, is the RCM method (Reliability Centered Maintenance) and to determine the optimal number. Telecom tower maintenance is crucial for ensuring uninterrupted communication services and the overall integrity of the tower infrastructure. A recent study found that telecom sites can increase their efficiency by up to 40% by replacing old and outdated hardware, which would save money and reduce carbon emissions by a considerable.

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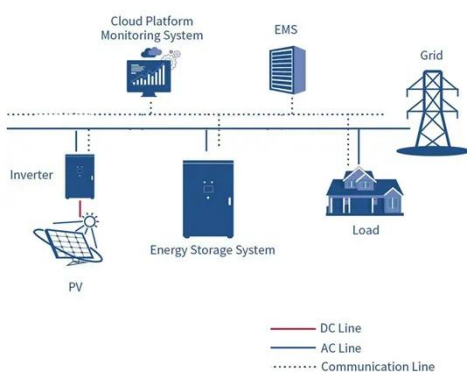
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