

PIENAAR ENERGY (PTY) LTD

Emergency measures for base station power supply



Overview

Let's take a closer look at what emergency power supply systems are, the components involved, and the requirements for keeping these systems safe and operational. Any opinions, findings, conclusions, or recommendations expressed in this publication do not necessarily reflect the views of the Applied Technology Council (ATC), the Department of Homeland Security (DHS), or the Federal Emergency Management Agency (FEMA). In this guide, we'll explore what NFPA 110 is, and what to consider when. In today's digitally connected world, telecom base stations play an essential role in ensuring uninterrupted communication services. Whether it's enabling mobile connectivity, supporting emergency response systems, or providing data transmission in remote areas, these installations must operate. This document was developed by the Cybersecurity and Infrastructure Security Agency (CISA) working with the Resilient Power Working Group (RPWG) to provide resilient power best practices for critical facilities and sites (excluding electrical and natural gas utility companies). At every building housing a critical load, a single backup generator is hardwired directly to the building. What is NFPA 110?

The National Fire Protection Association.

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