

How to check the wind power of solar container communication stations around you





Overview

Telecom towers must be designed to bear three main types of loads: 1. Communication equipment mounted on the tower. 2. The weight of the tower itself. 3. Wind loading, which can include both co.

How does wind affect a telecom tower?

High wind speeds pose a risk when technical personnel climb the tower for maintenance or modifications. The wind can also affect the structural integrity of the tower itself over time. Maintenance activities can be very demanding in the telecoms industry, since towers are often found in remote places and the technical staff must travel to the site.

Why is wind monitoring important?

Wind monitoring is also very important when installing new equipment on telecom towers and during maintenance activities. With accurate wind data, management personnel can decide if conditions are safe for work, greatly reducing the likelihood of an accident.

How can wind measurements improve structural integrity?

Wind measurements can compliment a structural integrity monitoring program allowing maintenance activities to be scheduled more efficiently, based on actual conditions instead of regular intervals. This approach saves on fuel and man-hours.



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