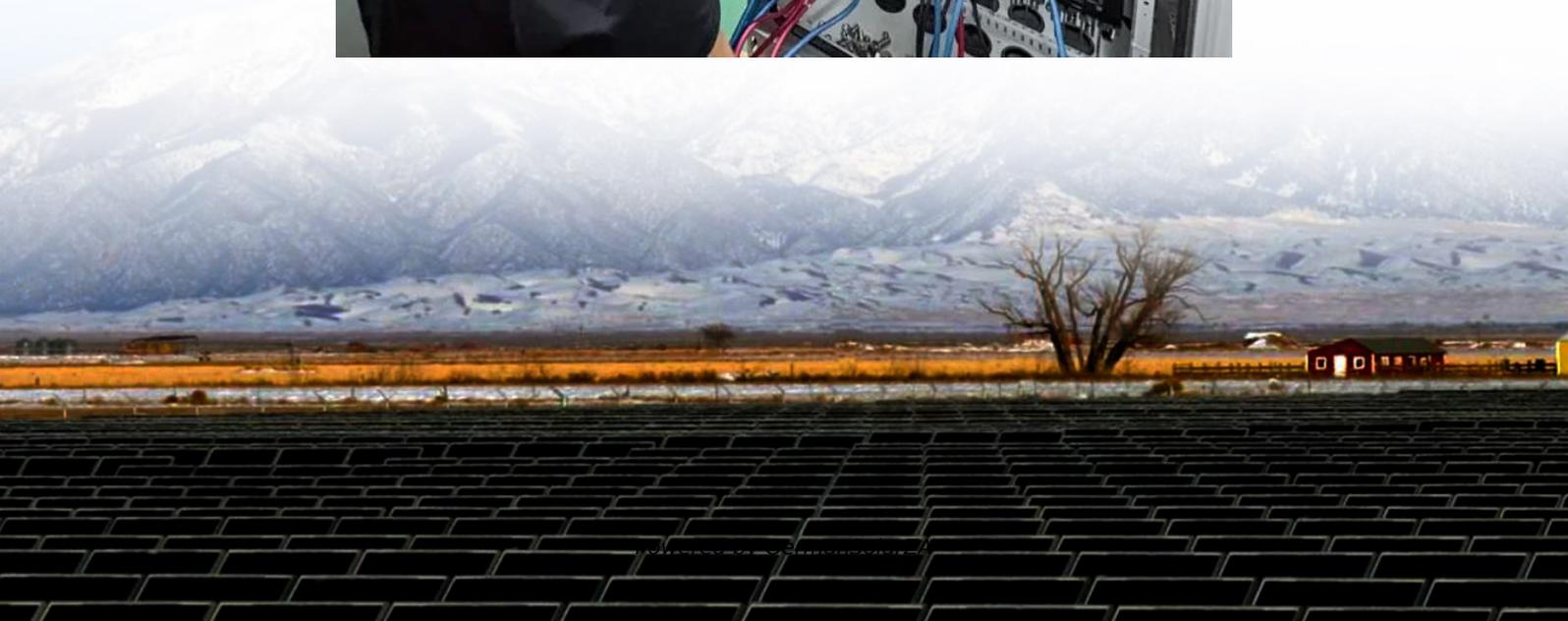


Castries Outdoor Power Field Occupancy





Overview

Can a constant influence intensity reflect occupancy influence on building energy consumption?

The calculation results in Section 3.1.3 further prove that a constant influence intensity cannot reflect occupancy influence' on building energy consumption exactly because occupancy influence intensity is also related to outdoor air temperature.

Why is occupancy important for commercial building energy consumption?

Occupancy is one of the most important factors for commercial building energy consumption. It is important for both building managers and energy simulation engineers to know how the entire building's energy consumption varies with occupancy in BA system control, different building performance comparison and building energy efficiency assessment.

How to measure occupancy and building energy consumption?

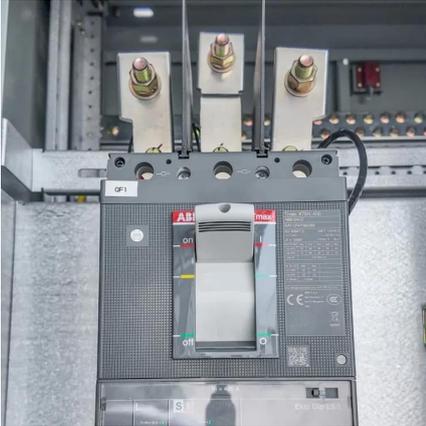
In order to study the relationship between occupancy and building energy consumption, much research has focused on how to obtain occupancy data in building. These measurement methods could be grouped into questionnaire survey method and monitoring method [28].

Can occupant movement be used to calculate energy changes?

Thus, this method is only suitable for commercial buildings, not for residential buildings; The proposed method only considers the change in occupancy at the whole building level. It cannot be used to calculate energy changes caused by occupant movement in the building;



Castries Outdoor Power Field Occupancy



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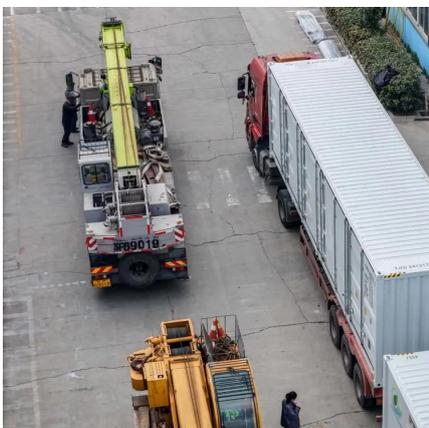
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