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Title: High-rise self-built solar power generation

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BIPV refers to photovoltaic systems integrated into a building's structure, replacing conventional materials like roofing tiles, facade cladding, or glazing while generating electricity.

high adjective (IMPORTANT) B2 having power, an important position, or great influence: an officer of high rank

to examine energy consumption of tall buildings in cold climates, to evaluate the feasibility of a zero-energy skyscraper employing building integrated PV technology, and to examine how much solar ...

For mid- to high-rise buildings to be self-sufficient in their energy use, both roof and facades are necessary for the local harvesting of solar energy.

HIGH definition: having a great or considerable extent or reach upward or vertically; lofty; tall. See examples of high used in a sentence.

If something is high, it is a long way above the ground, above sea level, or above a person or thing. I looked down from the high window. The bridge was high, jacked up on wooden piers. The sun was ...

Different from the traditional rooftop solar market, BIPV is a set of emerging solar energy applications that replace conventional building materials with solar generating materials in various ...

high implies marked extension upward and is applied chiefly to things which rise from a base or foundation or are placed at a conspicuous height above a lower level.

Transforming urban buildings into clean energy plants is a bold and powerful strategy to combat the climate crisis, reduce dependence on centralized grids, and promote more resilient, ...

High-rise buildings equipped with solar panels can positively influence the surrounding community. By generating clean energy, these structures can reduce strain on local power grids, ...

BIPV technology can be applied to almost any built structure, such as high-rise buildings, stadiums, residential homes, bus stops, greenhouses, sidewalks, noise barriers, and much more.

Discover how to design high-rise buildings that incorporate renewable energy systems, reducing reliance on non-renewable resources.

As urban landscapes continue to grow vertically, integrating sustainable energy solutions like solar power into high-rise buildings has become both a necessity and a challenge.

Definition of high adjective in Oxford Advanced American Dictionary. Meaning, pronunciation, picture, example sentences, grammar, usage notes, synonyms and more.

On this account, this study evaluates the feasibility of achieving net-zero energy performance by employing solar energy in high-rise buildings in North America.

High (adjective, informal): Intoxicated by drugs or alcohol. The word "high" is a versatile term with multiple meanings and applications, spanning physical elevation, emotional states, and ...

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