

Zero carbon energy storage high-end manufacturing industrial park

What is a zero-carbon industrial park?

Industrial parks are the central units for the development and aggregation of industries, playing an important role in implementing China's "dual-carbon" strategy. Zero-carbon industrial parks represent a new form of development for future industrial parks and how to build them has become a focus of current research.

Will zero-carbon industrial parks accelerate China's green transition?

BEIJING, July 8 -- China on Tuesday issued a document to support the development of zero-carbon industrial parks, aiming to accelerate the country's green transition.

What is a carbon-free industrial park?

(Xinhua) Carbon-free industrial parks aim to achieve zero carbon emissions by integrating clean energy, green architecture, smart management systems and circular economy practices.

What technologies are involved in zero-carbon industrial parks?

In addition, many scholars have conducted in-depth research on the technologies involved in zero-carbon industrial parks, such as hydrogen energy storage [7, 8, 9, 10, 11], Integrated Energy System planning [12, 13, 14, 15], CCUS [16, 17, 18, 19], zero-carbon transportation [20, 21], zero-carbon buildings [22, 23], etc.

How will NDRC support zero-carbon industrial parks?

To support the building of zero-carbon industrial parks, the NDRC said it will leverage existing funding channels and encourage local governments to provide financial support through such means as the issuance of local government special-purpose bonds for eligible projects.

What is a zero-carbon smart park standard system?

According to ,the Zero-Carbon Smart Park Standard System should run through the full life cycle from planning, construction to operation of the park and covers multiple aspects, including zero-carbon production from planning and layout to construction, management of zero-carbon living, and zero-carbon smart operation.

Zero-Carbon Park refers to an area that significantly reduces carbon emissions and aims to achieve carbon neutrality by optimizing energy structure, improving energy utilization efficiency ...

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