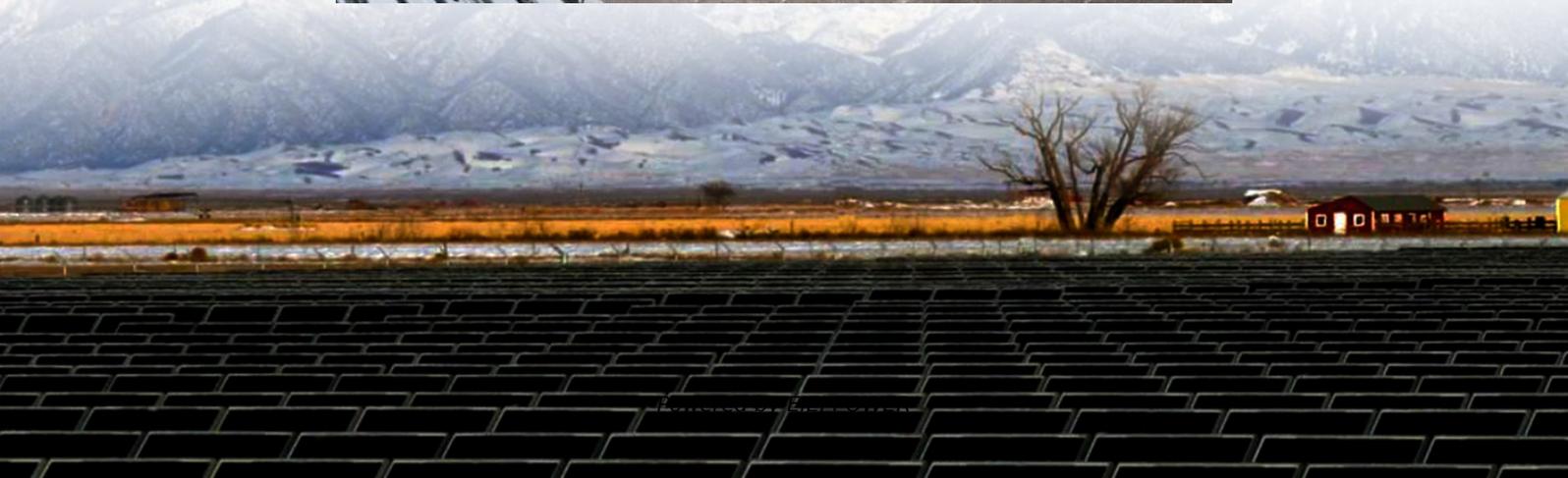


# **Shenzhen Energy Wind and Solar Energy Storage Power Station**





## Overview

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### What is the Shenzhen Energy Ring?

The facility addresses one of the biggest global challenges of our time: how to deal with the increasing waste consumption in the world's major cities. The Shenzhen Energy Ring is the world's largest facility of its kind, created as a new public destination where learning and recreation go hand in hand with advanced waste incineration.

### What is the Innovation Center Shenzhen?

At the Innovation Center Shenzhen (ICS), our goal is to combine internal and external resources to pioneer new technological products and solutions, speeding up the energy transition in China and internationally. Replacing fossil energy with renewable energy is seen by many as the main way to meet carbon neutral targets.

### What is a container energy storage system?

The container energy storage system helps to use and manage energy more effectively, reduce electricity bills, and can be applied in various scenarios such as peak valley arbitrage for power users, frequency regulation and peak shaving for power grids, improving new energy consumption, and improving power supply stability for power grids.

### What is China's energy storage industry?

1. Pumped Storage: dominant in power storage ■ 2. New Energy Storage (mainly Electrochemical Energy Storage): grow fast with a great prospect  
China's pumped storage power stations grow steadily, from 18.38 GW in 2011 to 31.49 GW in 2020, with an average annual growth rate of 6.2%.



## Shenzhen Energy Wind and Solar Energy Storage Power Station

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The container energy storage system helps to use and manage energy more effectively, reduce electricity bills, and can be applied in various scenarios such as peak valley arbitrage for ...



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