

# Da Wa Shang An Solar Energy





## Overview

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What is the Da'an integrated wind-solar green hydrogen & ammonia demonstration project?

On July 19, The Da'an Integrated Wind-solar Green Hydrogen and Ammonia Demonstration Project has achieved three major milestones: successful energization of the main step-down substation, successful production of high-purity green hydrogen, and stable output of qualified nitrogen gas.

What is Da'an project?

Da'an Project is a vivid practice of the "Northern China Hydrogen Valley" strategy. It is designed following the whole industry chain of "green hydrogen consumes green electricity, green ammonia consumes green hydrogen, and energy load and storage are integrated through internet of things".

Why is Da'an project important for Jilin Province in 2022?

The project has achieved six domestic firsts in technology and three internationally leading technologies, making it a key project for Jilin Province in 2022. As the world's largest green synthesis ammonia project, the Da'an Project tendered a total of 39 sets of 1000 Nm<sup>3</sup>/h alkaline electrolysis water hydrogen production systems.

How can a Da'an plant solve China's energy challenges?

By channeling otherwise curtailed wind and solar power into industrial chemistry, the Da'an plant addresses one of China's pressing energy challenges: how to manage intermittent renewable output while reducing reliance on coal-heavy grids.



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Wins A Bid For World's Largest Green ...

Jan 8, 2024 · In mid-April, SANY Hydrogen Energy won a bid for 8 sets of 1000 Nm<sup>3</sup>/h equipment of hydrogen production by water electrolysis of the ...

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China's Da'an Facility Launches, Signaling a ...

Jul 29, 2025 · Industry analysts note that projects like Da'an could reshape renewable energy economics in northern China. A photovoltaic investor ...

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SPIC's Da'an Project Successfully Produces Green Hydrogen, ...

Jul 24, 2025 · On July 19, The Da'an Integrated Wind-solar Green Hydrogen and Ammonia Demonstration Project has achieved three major milestones: successful energization of the ...

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Solar Energy , Journal , ScienceDirect by Elsevier

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Electrolyzers for Hydrogen Project Arrives in Da'an

On May 24 th, 2024, the first batch of electrolyzers for the world's largest hydrogen ammonia synthesis demonstration project arrives in Da'an. Twelve sets of 1000Nm<sup>3</sup>/h alkaline ...

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Jilin Da'an Wind/Solar/Hydrogen complex

Dec 1, 2025 · Jilin Da'an Wind/Solar/Hydrogen complex is a solar photovoltaic (PV) farm under construction in Lesheng, Da'an City, Baicheng, Jilin, China.

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China's Da'an Facility Launches, Signaling a Shift in Hydrogen

Jul 29, 2025 · Industry analysts note that projects like Da'an could reshape renewable energy economics in northern China. A photovoltaic investor told Yicai that as more large-scale wind ...

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The world's largest demonstration project for green ...

Jun 5, 2025 · Recently, the "Da'an Wind Solar Green Hydrogen Synthesis Ammonia Integrated Demonstration Project" invested and constructed by State Power Investment Corporation ...

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World's Largest Single Green Ammonia Project Commences Operation in Da

July 26, 2025, Jilin Province, China--the State Power Investment The Da'an Wind-Solar-Powered Green Hydrogen to Ammonia Integration Demonstration Project was put into operation in ...

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Da'an Wind and Solar Green Hydrogen Synthesis Ammonia ...

Jul 13, 2023 · The project involves the development of the Da'an Wind and Solar Green Hydrogen Synthesis Ammonia Integration Demonstration Facility located in Jilin, China. The project will ...

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SANY Hydrogen Wins Bid for World's Largest ...

Apr 26, 2023 · SANY Group's subsidiary, SANY Hydrogen, has recently won a bid for the world's largest green ammonia project--Jilin Da'an Wind and ...

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Apr 26, 2023 · SANY Group's subsidiary, SANY Hydrogen, has recently won a bid for the world's largest green ammonia project--Jilin Da'an Wind and Solar Green Hydrogen Integrated ...

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Wins A Bid For World's Largest Green Hydrogen And Green ...

Jan 8, 2024 · In mid-April, SANY Hydrogen Energy won a bid for 8 sets of 1000 Nm<sup>3</sup>/h equipment of hydrogen production by water electrolysis of the Jilin Da'an Wind and Solar Green ...

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