

China's Electric Power Sector Transformation

3rd Webinar

**Wednesday 21 September 2022,
15:00 - 17:30 Beijing time / 09:00 - 11:30 CEST**

Working language: Chinese and English, simultaneous interpretation

International
Energy Agency

Context

Following the success of the previous webinars in 2020 ([link to 1st webinar](#)) and 2021 ([link to 2nd webinar](#)), this is the 3rd webinar in the China's electric power sector transformation webinar series co-hosted by the IEA, the China Electric Power Planning & Engineering Institute (EPPEI), the Royal Danish Embassy in Beijing and Danish Energy Agency (DEA) and Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, with support from the European Commission.

The main objective of the webinar series is to provide targeted audiences with insights into China's electric power sector transition by exploring pathways and solutions that have triggered interest and debate in the energy sector in China recently. The webinar intends to throw light by introducing successful cases and lessons learned internationally with input from international and Chinese experts.

The focus of this 3rd webinar is on options to make efficient use of the technologies and assets deployed across the Chinese power system, and in promoting investments into clean resources that support the electricity security. Of particular importance is the recent guidance to move towards a unified system of power markets, expressed through the [Opinions of the Central Committee of the Communist Party and State Council](#) in March, and later reinforced by the [State Council's high-level document](#) in April.

The webinar is articulated around the following high-level questions:

- What are the key components of electricity security throughout the transition, amid the growing uncertainties on international markets?
- How is flexibility ensured in a system with a high share of variable renewables, like wind and solar power?
- How will power markets enable a secure, clean energy transition?
- What are the options for implementing a unified system of power markets?
- How is carbon pricing supporting a secure, clean energy transition?

Agenda

	Moderator: <i>Jacques Warichet, Power System Transformation Analyst, IEA</i>
15:00 / 09:00 CEST	<p>Opening remarks</p> <ul style="list-style-type: none"> • Thomas Østrup Møller, Ambassador of Denmark to China, Danish Embassy in Beijing • Xu Xin, Division Director of Department of Legislative Affairs and Energy Sector Restructuring, National Energy Administration (NEA) • Jiang Shihong, Vice President, EPPEI
15:20 / 09:20 CEST	<p>Session 1: “Components of a Clean Energy Transition in China”</p> <ul style="list-style-type: none"> • Taking stock of the latest policy developments in China’s power sector <i>Fang Xiaosong, Director of International Department, EPPEI</i> <p>An overview of the significant policies updates which took place or were announced that change the Chinese power sector landscape.</p> <ul style="list-style-type: none"> • Power markets and energy security <i>Anders Hove, GIZ</i> <p>How electric power markets can work to ensure energy security for China, based on the German experience</p> <ul style="list-style-type: none"> • Flexibility throughout the clean energy transitions <i>Kia Marie Jerichau, Director, Ancillary Services, Energinet</i> <p>An overview of how flexibility is provided today and tomorrow in systems with high shares of VRE to ensure electricity security</p> <ul style="list-style-type: none"> • Emissions Trading System (ETS) and power markets reform <i>David Fischer, Energy Analyst, IEA</i> <p>How an enhanced ETS for the power sector can promote efficiency and resilience of the power system, while accelerating the clean energy transition</p> <p><u>Moderator:</u> <i>Sune Kåre Sørensen, Climate and Energy Attaché, Danish Embassy in Beijing</i></p>
16:25 / 10:25 CEST	<p>Session 2: Moderated panel “How will a unified system of power markets contribute to clean, secure and affordable electricity?”</p> <ul style="list-style-type: none"> • <i>Zhang Jingjie, Division Director, Development Planning Department, China Electricity Council</i> • <i>Yan Qin, Lead Carbon Analyst, Refinitiv</i> • <i>Chen Zheng, Director, Institute of Energy Strategy and Policy, China Southern Grid Energy Development Research Institute</i> • <i>Peter-Philipp Schierhorn, Senior Electrical Engineer, Energynautics</i> • <i>Alejandro Hernandez, Head of Renewable Integration and Secure Electricity Unit, IEA</i> <p><u>Moderator:</u> <i>Kaare Sandholt, International Chief Expert, China Energy Transition Programme, Energy Research Institute of Academy of Macroeconomic Research</i></p>
17:20 / 11:20 CEST	<p>Wrap up and closing remarks</p> <ul style="list-style-type: none"> • <i>Jens Hein, Senior Advisor and Head of China Section, DEA</i> • <i>Cesar Alejandro Hernandez, Head of Renewable Integration and Secure Electricity Unit, IEA</i>
17:30 / 11:30 CEST	End of the webinar

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