Update of China for Energy Efficiency and Conservation

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Background

Overview of China's key energy and climate targets and policies by FYP



DATA: C2ES, NDRC, Bloomberg, Reuters

- A steady rise in policy ambitions on energy efficiency and carbon emissions
 - 11th FYP: China aimed to reduce energy consumption per unit of GDP by 20%, and got 19.1% results
 - 12th FYP: 16% reduce in energy intensity, and got 15% reduction in energy comsuption.
 - 13th FYP: 15% energy intensity reduciton.

China's new carbon emission peak and carbon neutral targets make Higher requirements for energy

China Will increase its Intended Nationally determined Contribution (NDC), adopt more forceful policies and measures, and strive to peak its carbon dioxide emissions by 2030 and achieve carbon neutrality by 2060.

- China has pledged to peak its carbon emissions by 2030
- Carbon neutrality before 2060

Outlook on Energy Efficiency in 14th FYP period(2021-2025) and the Long-Range objects through the year 2035 (1)

- Target in the 14th FYP period
 - One of the main topics to be addressed in the 14th FYP is
 - comprehensively improve the efficiency of energy and resource utilization
 - more rational allocation of energy resource
 - more efficient on utilization of energy resource.
 - Promote clean, low-carbon, safe and efficient energy utilization
 - Continuouly develop the regulation for energy conservation and emissions reduction
- Long-Range objects through the year 2035
 - Develop green life style, working style.
 - Decrease steady after carbon emission peak goal fulfill.
 - The ecological environment has fundamentally improved, and the goal of building a beautiful China has been basically achieved

Outlook on Energy Efficiency in 14th FYP period(2021-2025) and the Long-Range objects through the year 2035 (2)

- Key actions
 - Develop green finance;
 - Support green technologies innovation;
 - Key industries and areas green transformation;
 - Develop green buildings;
 - Carry out green life creation activities;
 - Support carbon emissions peak;
 - Promote market transactions in energy utilization rights;
 - promote energy management, energy conservation and recycling

Latest Progress on EE Standard and Labeling

6 new mandatory EE standards were issued

- Minimum allowable values of energy efficiency and energy efficiency grades for small and medium three-phase asynchronous motors
- Minimum allowable values of energy efficiency and energy efficiency grades for fan
- Minimum allowable values of energy efficiency and the energy efficiency grades for power transformers
- Minimum allowable values of energy efficiency and the energy efficiency grades for Industry boiler
- Minimum allowable values of energy efficiency and energy efficiency grades for flat panel televisions and set-top boxes
- Minimum allowable values of energy efficiency and energy efficiency grades of LED product for indoor lighting

Update and Revise CEL Regulation

- Cover boader range of end use energy consumption products
- Improve energy labeling program regulation: AI recognition, record automaticlly.
- Application process easier than before
- QR code

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名称

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生产者名彩

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Thank you!