



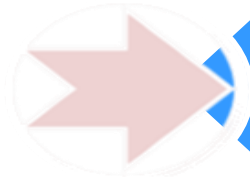
Challenges and Prospects for electricity cooperation between China and Central Asia/the Caucasus under One Belt One road Initiative

Junxia Li

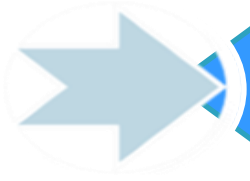
National Energy Administration of China

19th October 2016

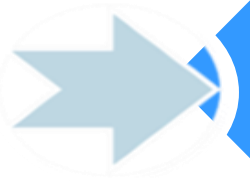
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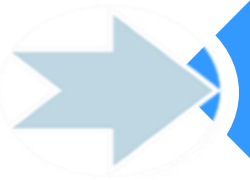
Brief introduction of One Belt One road Initiative



Energy Connectivity and cooperation between China and Central Asia/the Caucasus countries under One Belt One Road Initiative



Challenges and chances for electricity cooperation between China and Central Asia/the Caucasus countries



Personal suggestions

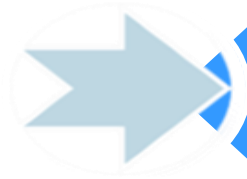
Part 1 Brief introduction of One Belt One Road Initiative

- In September and October of 2013, Chinese President Xi Jinping raised the initiative of jointly building the Silk Road Economic Belt and the 21st-Century Maritime Silk Road within his visit to Central Asia and Southeast Asia.
- In March 2015, Chinese government released Vision and proposed actions outlined on jointly building Silk Road Economic Belt and 21st-Century Maritime Silk Road.
- Main goals and contents: policy coordination, facilities connectivity, unimpeded trade, financial integration and people-to-people bonds.
- Principles: open for cooperation; harmonious and inclusive; market operation; mutual benefit.

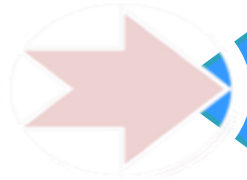
Part 1 Brief introduction of One Belt One Road Initiative

- We should promote cooperation in the connectivity of energy infrastructure, work in concert to ensure the security of oil and gas pipelines and other transport routes, build cross-border power supply networks and power-transmission routes, and cooperate in regional power grid upgrading and transformation.
- We should increase cooperation in the exploration and development of coal, oil, gas, and other conventional energy sources; advance cooperation in hydropower, nuclear power, wind power, solar power and other clean, renewable energy sources; and promote cooperation in the processing and conversion of energy and resources at or near places where they are exploited, so as to create an integrated industrial chain of energy and resource cooperation. We should enhance cooperation in deep-processing technology, equipment and engineering services in the fields of energy and resources.

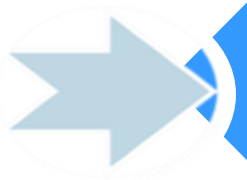
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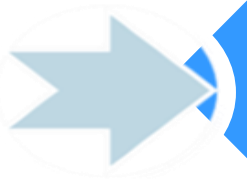
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Personal suggestions

Part 2 One Belt One Road Energy Connectivity and cooperation

Energy Connectivity

Until now, there are five cross-border oil and gas pipelines and two cross-border power transmission routes between China and Central Asia countries.

Five cross-border oil and gas pipelines

1	Kazakhstan-China oil pipeline
2	Gas pipeline A/B/C from Central Asia to China
3	Gas pipeline from Sarabulayk(Kazakhstan) to Jeminay(China)

Two cross-border power transmission routes

from Kyrgyzstan to China Xinjiang Uygur Autonomous region

Part 2 One Belt One Road Energy Connectivity and cooperation

Electricity cooperation

Cooperation with Tajikistan.

Cooperation with Kyrgyzstan.

Cooperation with Uzbekistan.

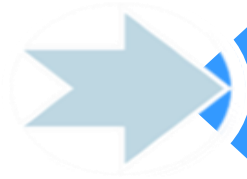
Cooperation with Kazakhstan.

Cooperation with Turkmenistan.

Cooperation with Azerbaijan.

Cooperation with Georgia.

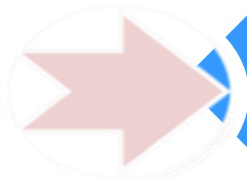
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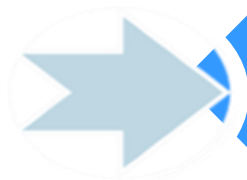
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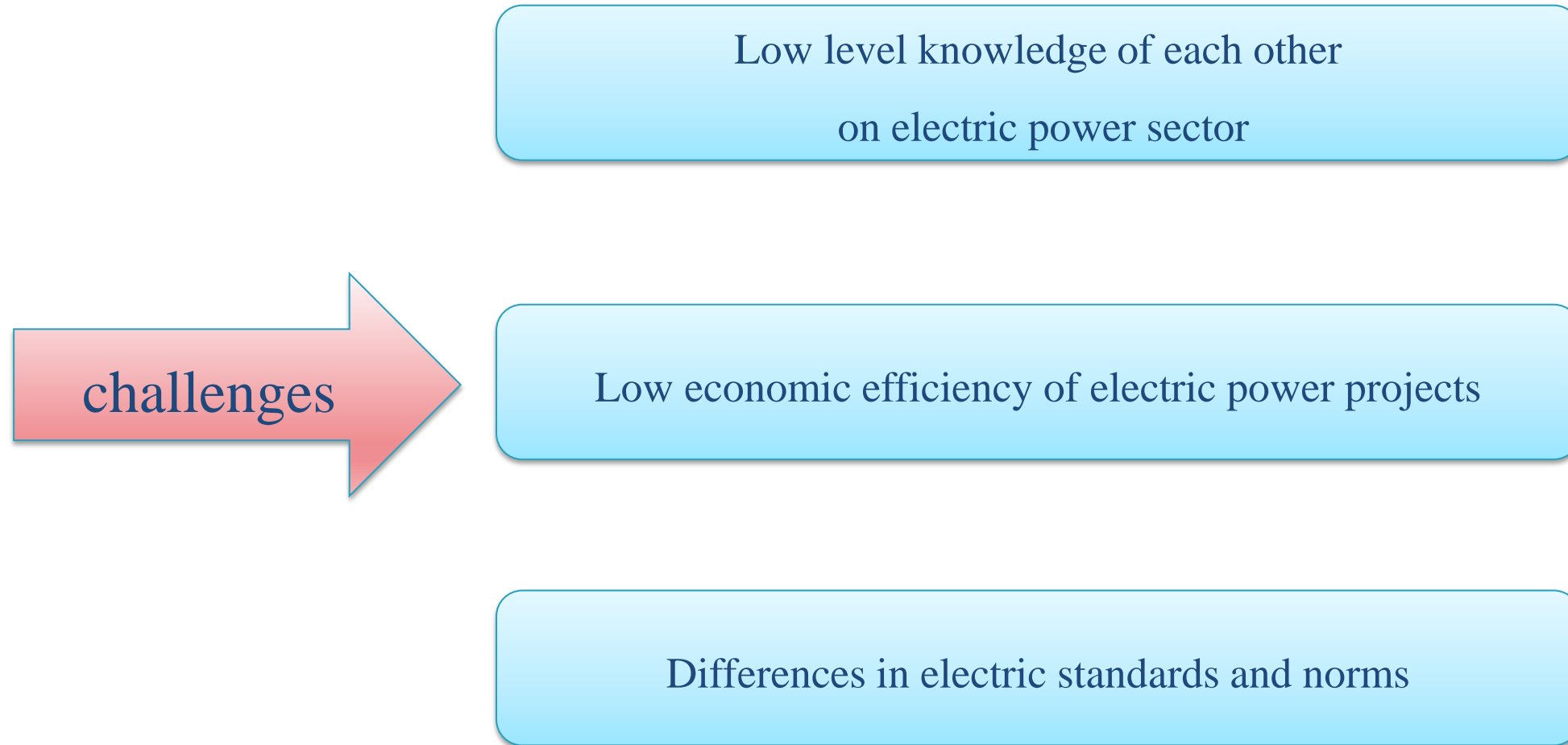


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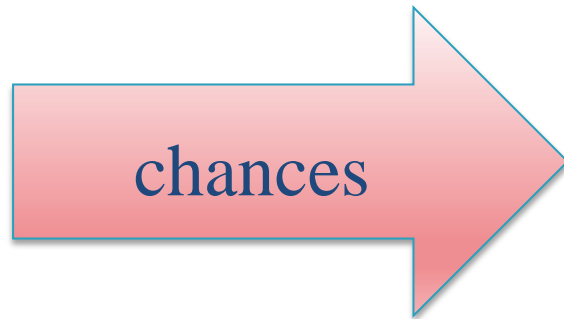


Personal suggestions

Part 3 Challenges and Prospects of electricity cooperation



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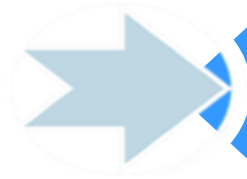


Green and low carbon development trend and pressure

Advantageous complementary in electric power sector

Increasing support in policy and financial respects

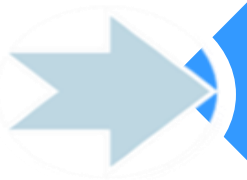
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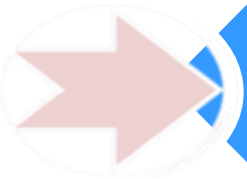
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Personal suggestions

Part 4 Personal Suggestions



Personal suggestions

Establish multi-level exchange and communication mechanism

Align electric power development plan to tap the potential of cooperation

Strengthen electric power standard benchmarking

strengthen electricity projects integration

Thank you for your attention

