



China Renewable Energy Scale-Up Program Phase II (P127033)

EAST ASIA AND PACIFIC | China | Energy & Extractives Global Practice |
Global Environment Project | Investment Project Financing | FY 2014 | Seq No: 9 | ARCHIVED on 27-Jun-2018 | ISR33002 |

Implementing Agencies: People's Republic of China, National Energy Administration (NDRC)

Key Dates

Key Project Dates

Bank Approval Date:29-Oct-2013

Effectiveness Date:26-Dec-2013

Planned Mid Term Review Date:17-Apr-2017

Actual Mid-Term Review Date:12-May-2017

Original Closing Date:30-Jun-2019

Revised Closing Date:30-Jun-2019

Global Development Objectives

Global Environmental Objective (from Project Appraisal Document)

The objective of the CRESPP program (three phases) is to enable commercial renewable electricity suppliers to provide energy to the electricity market efficiently, cost-effectively and on a large scale. The objective of CRESPP Phase II is to support the ambitious renewable energy scale-up program in China with a focus on efficiency improvement and reduction of incremental costs.

Has the Global Environmental Objective been changed since Board Approval of the Project Objective?

No

Components

Name

Component 1. Policy Support:(Cost \$5.00 M)

Component 2. Grid Integration/Access and Technical Design:(Cost \$5.00 M)

Component 3. Technology Improvement:(Cost \$7.28 M)

Component 4. Pilot Demonstration:(Cost \$5.00 M)

Component 5. Capacity Building and Investment Support, and Project Management:(Cost \$5.00 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Moderately Satisfactory	● Moderately Satisfactory
Overall Implementation Progress (IP)	● Moderately Satisfactory	● Moderately Satisfactory
Overall Risk Rating	● Substantial	● Substantial



Implementation Status and Key Decisions

China Renewable Energy Scale-up Project (CRESP)'s support was instrumental to the preparation of the 13th renewable energy Five-Year Plan. Some of the CRESP supported policy recommendations such as RE pricing and subsidies and RE auctions have been adopted into policies and pilots. With the project's support to ensure high penetration of wind power without disruption of the system operation, Inner Mongolia has become the best example of large-scale wind integration in Northern China. The project also supported successful technical standards for off-shore wind and micro-grids, and efficiency improvement measures to increase power outputs for on-shore wind. CRESP is also supporting the first batch of Chinese concentrated solar power (CSP) demonstration projects by introducing international experience on CSP and helping the Chinese manufacturers to reduce costs.

However, the project implementation continues to be slow, even though the government has demonstrated strong ownership and most of the technical studies reviewed during the mission were of high quality. The team has agreed with the Project Management Office on milestones and concrete remedy actions to accelerate project implementation.





Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	--	● Low	● Low
Macroeconomic	--	● Low	● Low
Sector Strategies and Policies	--	● Substantial	● Substantial
Technical Design of Project or Program	--	● Substantial	● Substantial
Institutional Capacity for Implementation and Sustainability	--	● Moderate	● Moderate
Fiduciary	--	● Moderate	● Moderate
Environment and Social	--	● Low	● Low
Stakeholders	--	● Low	● Low
Other	--	--	--
Overall	--	● Substantial	● Substantial

Results

Global Environmental Objective Indicators

► 1. Additional RE-based power generation from improved design of the large wind bases(Gigawatt-hour (GWh), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	370.00
Date	31-Jan-2013	31-May-2017	31-May-2018	30-Jun-2019

► Additional RE consumption from increased RE penetration in New Energy Cities(Metric ton, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1.31
Date	31-Jan-2013	31-May-2017	31-May-2018	30-Jun-2019



▶ Annual avoided carbon dioxide emission reduction(million tons)(Tones/year, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	5.30	5.30	3.90
Date	31-Jan-2013	31-May-2017	31-May-2018	30-Jun-2019

▶ Reduced incremental costs of wind power over coal-fired power plants(Amount(USD), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	2.17	1.44	1.44	1.00
Date	--	31-May-2017	31-May-2018	30-Jun-2019

▶ Reduced incremental costs of solar PV over coal-fired power plants(Amount(USD), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	--	5.41	5.41	7.00
Date	--	31-May-2017	31-May-2018	30-Jun-2019

▶ Increased wind power generation in west Inner Mongolia (TWh)(Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	22.00	29.60	29.60	32.00
Date	01-Jul-2013	31-May-2017	31-May-2018	28-Jun-2019

Overall Comments



Intermediate Results Indicators

► RE quota policy issued (Date, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	31-Jan-2013	15-Dec-2015	15-Dec-2015	30-Jun-2015
Date	31-Jan-2013	15-Dec-2015	15-Dec-2015	30-Jun-2015

► New Energy City policy submitted (Date, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	31-Jan-2013	15-Feb-2016	15-Feb-2016	30-Jun-2014
Date	31-Jan-2013	15-Feb-2016	15-Feb-2016	30-Jun-2014

► Increased penetration of wind power generation in Inner Mongolia (percentage of wind power generation in total provincial power consumption) (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	13.00	15.00	15.00	15.00
Date	31-Jan-2013	30-Jun-2015	30-Jun-2015	30-Jun-2015

► Number of Chinese off-shore wind turbine standards accepted by Standardization Administration of China (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	2.00	1.00
Date	31-Jan-2013	01-Dec-2017	31-May-2018	30-Jun-2019




▶ number of RE investment projects supported (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	4.00	4.00
Date	31-Jan-2013	31-May-2017	31-May-2018	30-Jun-2017

Overall Comments

Data on Financial Performance

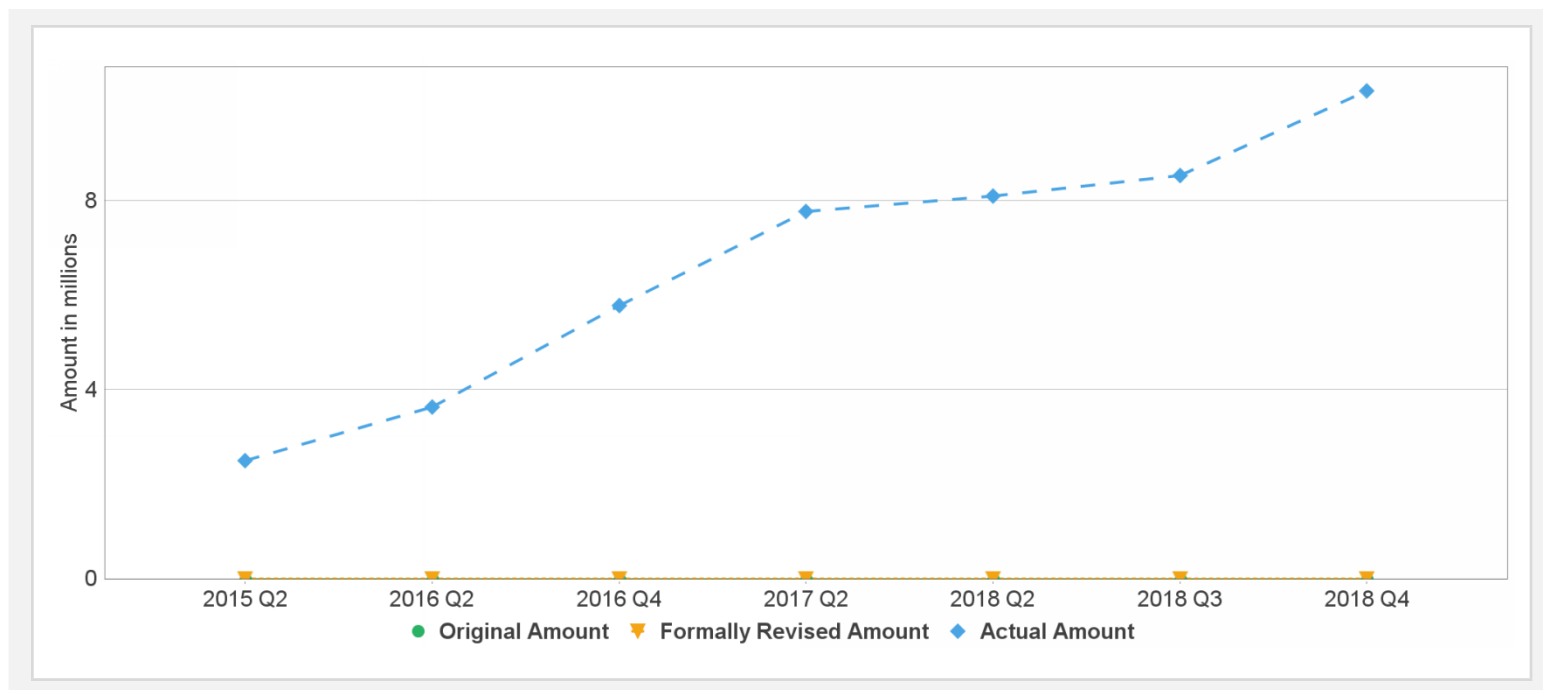
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P127033	TF-15769	Effective	USD	27.28	27.28	0.00	10.33	16.95	 38%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P127033	TF-15769	Effective	27-Nov-2013	27-Nov-2013	26-Dec-2013	30-Jun-2019	30-Jun-2019

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.