



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: 15 | ARCHIVED on 24-Jun-2021 | ISR47308 |

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

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: 31-Dec-2021

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The objective of the CRESP 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 CRESP 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 Project Development Objective been changed since Board Approval of the Project Objective?

No

Components Table

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	<input type="checkbox"/> Highly Satisfactory	<input type="checkbox"/> Highly Satisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Satisfactory
Overall Risk Rating	<input type="checkbox"/> Low	<input type="checkbox"/> Low

Implementation Status and Key Decisions

The project has continued to make important contributions to the sustainable growth of renewable energy in China, particularly the support to the 13th and 14th FYP and technology improvement of off-shore wind and concentrated solar power.



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	--	□ Moderate	□ Moderate
Technical Design of Project or Program	--	□ Low	□ Low
Institutional Capacity for Implementation and Sustainability	--	□ Low	□ Low
Fiduciary	--	□ Low	□ Low
Environment and Social	--	□ Low	□ Low
Stakeholders	--	□ Low	□ Low
Other	--	□ Moderate	□ Moderate
Overall	--	□ Low	□ Low

Results

PDO Indicators by Objectives / Outcomes

support the ambitious renewable energy scale-up program in China				
▶ Additional RE-based power generation from improved design of the large wind bases (GWh) (Gigawatt-hour (GWh), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,024.00	1,024.00	370.00
Date	31-Jan-2013	20-Nov-2020	15-Jun-2021	31-Dec-2021
▶ Additional RE consumption from increased RE penetration in New Energy Cities (Mtce) (Metric ton, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3.00	3.00	1.31
Date	31-Jan-2013	20-Nov-2020	15-Jun-2021	31-Dec-2021
▶ Annual avoided carbon dioxide emission reduction(million tons) (Tones/year, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	9.16	9.16	3.90
Date	31-Jan-2013	20-Nov-2020	15-Jun-2021	31-Dec-2021



▶ Reduced incremental costs of wind power over coal-fired power plants (cent/kWh USD) (Amount(USD), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	2.17	0.16	0.16	1.25
Date	30-Nov-2012	20-Nov-2020	14-Aug-2020	31-Dec-2021
▶ Reduced incremental costs of solar PV over coal-fired power plants (cent/kWh USD) (Amount(USD), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	11.30	0.61	0.61	7.00
Date	30-Nov-2012	20-Nov-2020	14-Aug-2020	31-Dec-2021
▶ RE 13th FYP developed and adopted (Date, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	31-Jan-2013	20-Nov-2020	16-Dec-2016	31-Dec-2021
Date	31-Jan-2013	20-Nov-2020	16-Dec-2016	31-Dec-2021
Comments:	RE 13th FYP was developed and adopted by NDRC on Dec. 16, 2016.			

Intermediate Results Indicators by Components

Component 1. Policy Support				
▶ RE quota policy issued (Date, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	31-Jan-2013	20-Nov-2020	15-May-2019	31-Dec-2021
Date	31-Jan-2013	20-Nov-2020	15-May-2019	31-Dec-2021
Comments:	National Development and Reform Commission (NDRC) and the National Energy Administration (NEA) issued the RE Quota Decree No. 807 on May 15, 2019, supported by CRESF.			
▶ RE 14th FYP developed (Date, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	31-Jan-2013	20-Nov-2020	15-Jun-2021	31-Dec-2021
Date	31-Jan-2013	20-Nov-2020	15-Jun-2021	31-Dec-2021
Component 2. Grid Integration/Access and Technical Design				
▶ 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	20-Nov-2020	15-Jun-2021	31-Dec-2021
▶ Design for China's first off-shore wind testing center aligned with international best practices (Yes/No, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	31-Jan-2013	20-Nov-2020	15-Jun-2021	31-Dec-2021
Component 3. Technology Improvement				
▶ 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	3.00	3.00	1.00
Date	31-Jan-2013	20-Nov-2020	15-Jun-2021	31-Dec-2021
Component 4. Pilot Demonstration				
▶ New Energy City policy submitted (Date, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	31-Jan-2013	20-Nov-2020	15-Feb-2016	31-Dec-2021
Date	31-Jan-2013	20-Nov-2020	15-Feb-2016	31-Dec-2021
Comments:	New energy city policy was submitted on Feb. 15, 2016			
Component 5. Capacity Building and Investment Support, and Project Management				
▶ Number of RE investment projects supported (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	12.00	12.00	4.00
Date	31-Jan-2013	20-Nov-2020	15-Jun-2021	31-Dec-2021

Performance-Based Conditions

Data on Financial Performance

Disbursements (by loan)

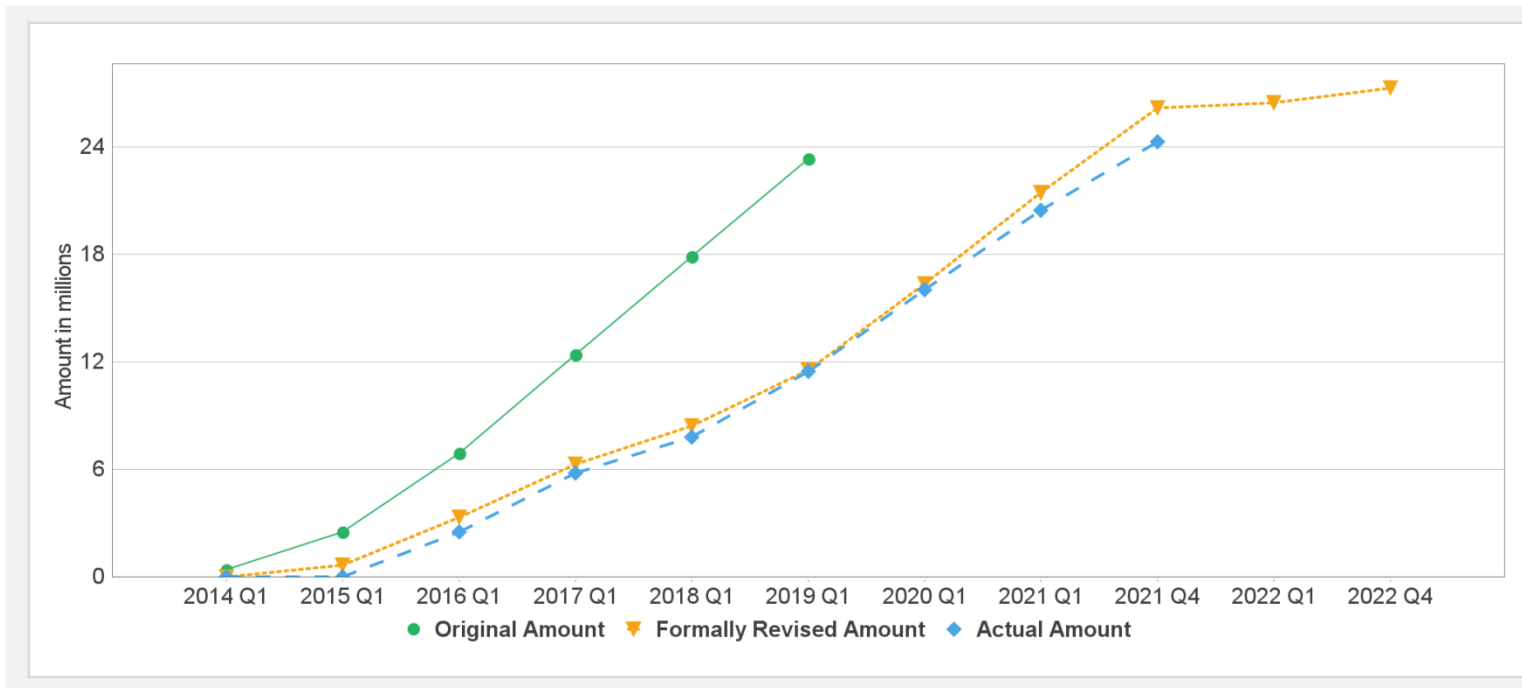
Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P127033	TF-15769	Effective	USD	27.28	27.28	0.00	24.28	3.00	89%

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	31-Dec-2021



Cumulative Disbursements



Restructuring History

Level 2 Approved on 22-Feb-2019 ,Level 2 Approved on 19-Aug-2020

Related Project(s)

There are no related projects.