



Developing Market-based Energy Efficiency Program in China (P132748)

EAST ASIA AND PACIFIC | China | Energy & Extractives Global Practice |
Global Environment Project | Investment Project Financing | FY 2017 | Seq No: 3 | ARCHIVED on 29-Jun-2018 | ISR32534 |

Implementing Agencies: Huaxia Bank, People's Republic of China, Hebei PMO, China National Energy Conservation Center

Key Dates

Key Project Dates

Bank Approval Date:16-Mar-2017

Effectiveness Date:05-Sep-2017

Planned Mid Term Review Date:30-Apr-2020

Actual Mid-Term Review Date:--

Original Closing Date:30-Apr-2022

Revised Closing Date:30-Apr-2022

Global Development Objectives

Global Environmental Objective (from Project Appraisal Document)

The objective of the project is to support development and implementation of China's priority energy efficiency and environment programs, with a focus on improving the results measurement and verification system and developing market-based mechanisms.

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

No

Components

Name

Component 1. Supporting market-based priority energy efficiency and coal cap control programs:(Cost \$8.80 M)

Component 2. Supporting result-based green energy financing in Jing-Jin-Ji Region:(Cost \$4.50 M)

Component 3. Supporting result-based environmental program in Hebei Province:(Cost \$4.50 M)

Overall Ratings

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

Implementation Status and Key Decisions



The project was approved by World Bank Board on March 16, 2017, and became effective on September 5, 2017. The project has advanced successfully in the first nine months of implementation. Project activities related to energy efficiency and environmental monitoring, reporting, and verification (MRV) have been prepared and all PMOs have initiated and signed their first sets of contracts.

Risks

Systematic Operations Risk-rating Tool

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

Results

Global Environmental Objective Indicators

► Energy savings measurement, reporting and verification system improved and standardized(Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	n.a.	n.a.	--	MRV system for energy savings improved and standardized
Date	16-Mar-2017	15-Nov-2017	26-Apr-2018	31-Dec-2020



► Market-based mechanisms for energy savings designed and piloted(Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	--	n. a.	n.a.	Market-based EE trading mechanisms designed and piloted
Date	16-Mar-2017	15-Nov-2017	26-Apr-2018	31-Mar-2022

► Energy and environment results verified for the Jing-Jin-Ji Region and Hebei Province(Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	--	--	n.a.	Verification systems for green energy financing and environmental programs in JJJ Region and Hebei Province established
Date	16-Mar-2017	15-Nov-2017	26-Apr-2018	30-Apr-2022

Overall Comments

Intermediate Results Indicators

► Capacity built for M&V system and market-based EE mechanism (Number of people trained) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,200.00
Date	16-Mar-2017	15-Nov-2017	26-Apr-2018	30-Apr-2022



► Energy savings M&V methodologies and guidelines developed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	25.00
Date	16-Mar-2017	15-Nov-2017	26-Apr-2018	30-Apr-2022

► Energy consumption trading schemes designed and piloted (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	N	N	Y
Date	16-Mar-2017	15-Nov-2017	26-Apr-2018	31-Dec-2020

► Innovative financial products for green financing developed and piloted (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	1.00	3.00
Date	16-Mar-2017	--	26-Apr-2018	30-Apr-2022

► Capacity for environmental results monitoring improved (Number of people trained) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	480.00
Date	16-Mar-2017	15-Nov-2017	26-Apr-2018	30-Apr-2022



► Case studies for the JJJ and Hebei PforR operations developed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2.00
Date	16-Mar-2017	15-Nov-2017	26-Apr-2018	30-Apr-2022

► CO2 emissions avoided (thousand tons) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,407.00	1,734.90	1,969.00
Date	16-Mar-2017	15-Nov-2017	26-Apr-2018	30-Apr-2022

► Annual energy savings(Thousand tce) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	719.00	800.00
Date	16-Mar-2017	--	26-Apr-2018	30-Apr-2022

Overall Comments

Data on Financial Performance

Disbursements (by loan)

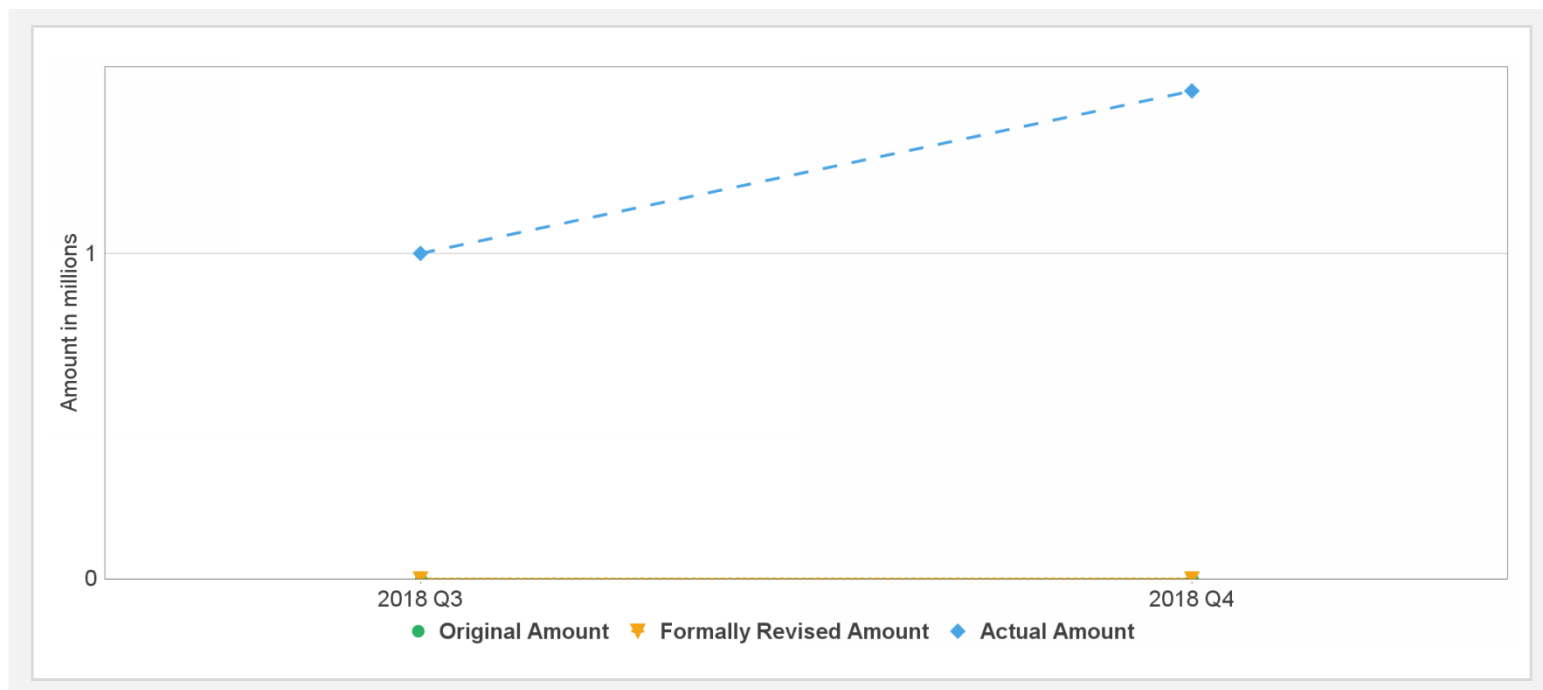
Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P132748	TF-A4256	Effective	USD	17.80	17.80	0.00	1.50	16.30	8.4 %

Key Dates (by loan)



Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P132748	TF-A4256	Effective	09-Jun-2017	09-Jun-2017	05-Sep-2017	30-Apr-2022	30-Apr-2022

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.