



Hebei Clean Heating Project (P148599)

EAST ASIA AND PACIFIC | China | Energy & Extractives Global Practice |
IBRD/IDA | Investment Project Financing | FY 2016 | Seq No: 5 | ARCHIVED on 28-Dec-2017 | ISR30892 |

Implementing Agencies: People's Republic of China, Foreign Debt Management Center, Hebei Provincial Department of Finance, Project Management Center, Foreign Debts Management Center, Hebei Provincial Finance Bureau, Project Management Center, Foreign Debts Management Center, Hebei Provincial Finance Bureau

Key Dates

Key Project Dates

Bank Approval Date:19-Jan-2016

Effectiveness Date:22-Jun-2016

Planned Mid Term Review Date:15-Dec-2018

Actual Mid-Term Review Date:--

Original Closing Date:30-Jun-2021

Revised Closing Date:30-Jun-2021

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

<p>The project development objective (PDO) is to improve the efficiency and environmental performance of heating systems in selected areas within participating municipalities/counties of Hebei Province.</p>

Has the Project Development Objective been changed since Board Approval of the Project Objective?

No

Components

Name

District Heating Subprojects:(Cost \$217.06 M)

Institutional Capacity Building and Project Management Support:(Cost \$2.50 M)

Overall Ratings

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



Implementation Status and Key Decisions

The project is implemented ahead of the schedule agreed at appraisal and has already connected about 9.3 million square meters of existing and new buildings to more reliable district heating with improved efficiency and environmental performance.

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

Results

Project Development Objective Indicators

► Projected lifetime energy savings (Megawatt hour(MWh), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	312,769.00	312,769.00	4,974,014.00
Date	31-Dec-2015	12-May-2017	01-Dec-2017	30-Jun-2021

► Number of people that gained access to more energy-efficient cooking and/or heating facilities (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	340,000.00	340,000.00	714,896.00
Date	31-Dec-2015	12-May-2017	01-Dec-2017	30-Jun-2021

► Direct project beneficiaries (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
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Value	0.00	340,000.00	340,000.00	714,896.00
Date	31-Dec-2015	12-May-2017	01-Dec-2017	30-Jun-2021

Female beneficiaries (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	49.00	49.00	49.00

Project level aggregated avoided CO2 emissions (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	115,794	115,794	1,722,632
Date	31-Dec-2015	12-May-2017	01-Dec-2017	30-Jun-2021

Project level aggregated avoided Total Suspended Particles (TSP) emissions (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	320.00	320.00	11,243
Date	31-Dec-2015	12-May-2017	01-Dec-2017	30-Jun-2021

Overall Comments

The PDO indicators are updated annually, after the end of the heating season. These will be updated in the ISR that will be prepared after the next mission, planned for May 2018.

Intermediate Results Indicators



► Area connected to district heating (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	6.60	9.30	18.52
Date	31-Dec-2015	12-May-2017	01-Dec-2017	30-Jun-2021

► Kilometers of pipelines installed (Kilometers, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	65.70	94.35	164.40
Date	31-Dec-2015	12-May-2017	01-Dec-2017	30-Jun-2021

► Number of substations constructed or rehabilitated (non BLS) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	65.00	103.00	243.00
Date	31-Dec-2015	12-May-2017	01-Dec-2017	30-Jun-2021

Comments

In total, 103 substations, which comprise 183 units, have been constructed or rehabilitated. The correct target number of substations is 185. The target in ISR will be revised as part of restructuring that will likely be needed after the mid-term review.

► Number of building level substations (BLS) installed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	8.00	29.00	154.00
Date	31-Dec-2015	12-May-2017	01-Dec-2017	30-Jun-2021

Comments

In total, 29 BLS, which comprise 183 units, have been constructed. The correct target number of BLS is 79. The target in ISR will be revised as part of restructuring that will likely be needed after the mid-term review.



► Beneficiaries that feel project investments reflected their needs (percentage) (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	90.00	90.00	85.00
Date	31-Dec-2015	12-May-2017	01-Dec-2017	30-Jun-2021

Comments

This indicator will be updated in the next ISR based on the outcomes of a social survey that will take place at the end of current heating season -- in March 2018.

▲ Beneficiaries that feel project inv. reflected their needs - female (number) (Number, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	150,000.00	150,000.00	297,754.00

▲ Total beneficiaries - female (number) (Number, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	167,000.00	167,000.00	350,299.00



▲ Total beneficiaries - male (number) (Number, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	173,000.00	173,000.00	364,597.00

▲ Beneficiaries that feel project inv. reflected their needs - male (number) (Number, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	156,000.00	156,000.00	309,907.00

► Grievances registered related to delivery of project benefits addressed (%) (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	100.00
Date	31-Dec-2015	12-May-2017	01-Dec-2017	30-Jun-2021

Comments

This indicator will be updated in the next ISR based on the outcomes of the current heating season.

▲ Grievances related to delivery of project benefits that are addressed-(number) (Number, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	99.00	99.00	100.00



► Project Management Capacity Enhanced through PMC services (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	PMC TOR available	PMC contracted	PMC contracted	PMC contract completed
Date	31-Dec-2015	12-May-2017	01-Dec-2017	30-Jun-2021

Comments

The PMO consultants (PMC) have been providing timely professional support to the PMO and the project companies (PIUs).

► Number of study tours implemented (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	1.00	3.00
Date	31-Dec-2015	12-May-2017	01-Dec-2017	30-Jun-2021

► Number of workshops and training sessions (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.00	3.00	5.00
Date	31-Dec-2015	12-May-2017	01-Dec-2017	30-Jun-2021

Overall Comments

Intermediary Results Indicator (IRI) # 5 "Beneficiaries that feel project investments reflected their needs" and IRI # 6 "Grievances registered related to delivery of project benefits addressed" are reported annually. These will be updated at the next mission, planned for May 2018.

Data on Financial Performance

Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
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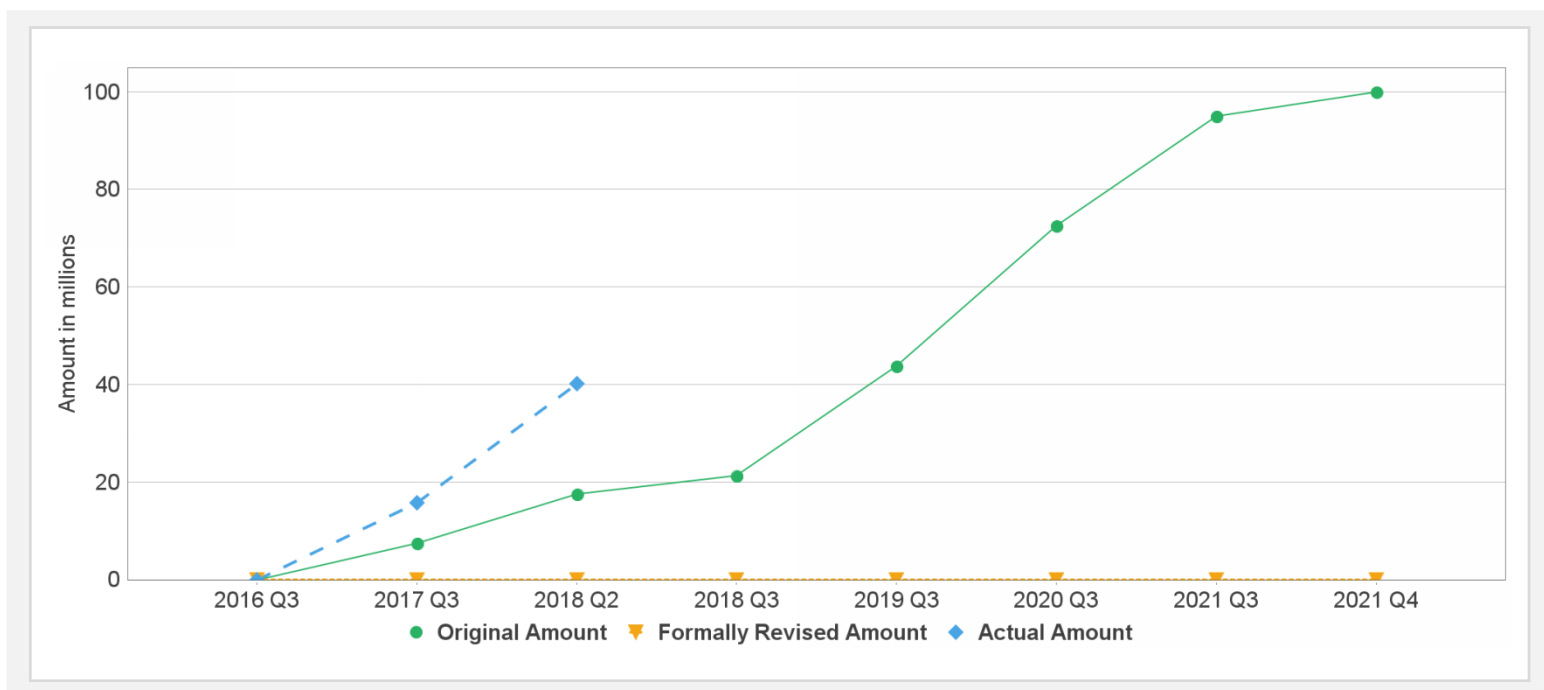


P148599	IBRD-85660	Effective	USD	100.00	100.00	0.00	41.02	58.98	<div style="width: 41%; height: 15px; background-color: #28a745;"></div>	41%
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Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P148599	IBRD-85660	Effective	19-Jan-2016	24-Mar-2016	22-Jun-2016	30-Jun-2021	30-Jun-2021

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.