



## Shanxi Gas Utilization (P133531)

EAST ASIA AND PACIFIC | China | Energy & Extractives Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2014 | Seq No: 7 | ARCHIVED on 23-Jun-2017 | ISR28691 |

Implementing Agencies: International Department, Ministry of Finance, Shanxi Guoxin Energy Development Group Corporation

### Key Dates

#### Key Project Dates

Bank Approval Date:28-Mar-2014

Effectiveness Date:30-Jul-2014

Planned Mid Term Review Date:15-Mar-2017

Actual Mid-Term Review Date:26-May-2017

Original Closing Date:30-Jun-2020

Revised Closing Date:30-Jun-2020

### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The proposed Project Development Objective (PDO) is to increase gas utilization to reduce greenhouse gases emission in selected counties in Shanxi province.

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

No

### Components

Name

Distributed Gas-fired CHP Component:(Cost \$260.29 M)

Expansion of Gas Distribution Network Component:(Cost \$32.35 M)

Technical Assistance Component:(Cost \$2.75 M)

### Overall Ratings

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

### Implementation Status and Key Decisions



The project is progressing at a satisfactory pace. The construction of both CHP plants has commenced and will be completed by the end of 2017. Construction has begun for the gas distribution network component. A new proposal to include Yangcheng in gas distribution network scope has been submitted and reviewed by the Bank. The project is expected to supply gas by the end of 2017 and supply electricity by late 2017 and heating in 2018.

## Risks

### Systematic Operations Risk-rating Tool

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

## Results

### Project Development Objective Indicators

#### ► Annual avoided CO2 emission (Metric ton, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	746,970.00
Date	31-Dec-2013	13-Dec-2016	15-Jun-2017	31-Dec-2020

#### ► Annual Gas Utilization (Cubic Meter(m3), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	0.00	0.00	0.00	340,000,000.00
Date	31-Dec-2013	13-Dec-2016	15-Jun-2017	31-Dec-2020

#### Overall Comments

The project is expected to be operated by late 2017. So current indicators related to operation are still 0. The project-end targets are revised based on the MTR discussion.

#### Intermediate Results Indicators

▶ Annual electricity supply (Gigawatt-hour (GWh), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,100.00
Date	31-Dec-2013	13-Dec-2016	15-Jun-2017	31-Dec-2020

▶ Number of household and other gas users (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	37,000.00
Date	31-Dec-2013	13-Dec-2016	15-Jun-2017	31-Dec-2020

▶ Annual heating supply (Mega Joules (MJ), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	850,000,000.00
Date	31-Dec-2013	13-Dec-2016	15-Jun-2017	31-Dec-2020



► Installed capacity of the CHPs (Megawatt, Custom)


	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	252.00
Date	31-Dec-2013	13-Dec-2016	15-Jun-2017	31-Dec-2020

**Overall Comments**

The end targets are modified based on MTR review.

## Data on Financial Performance

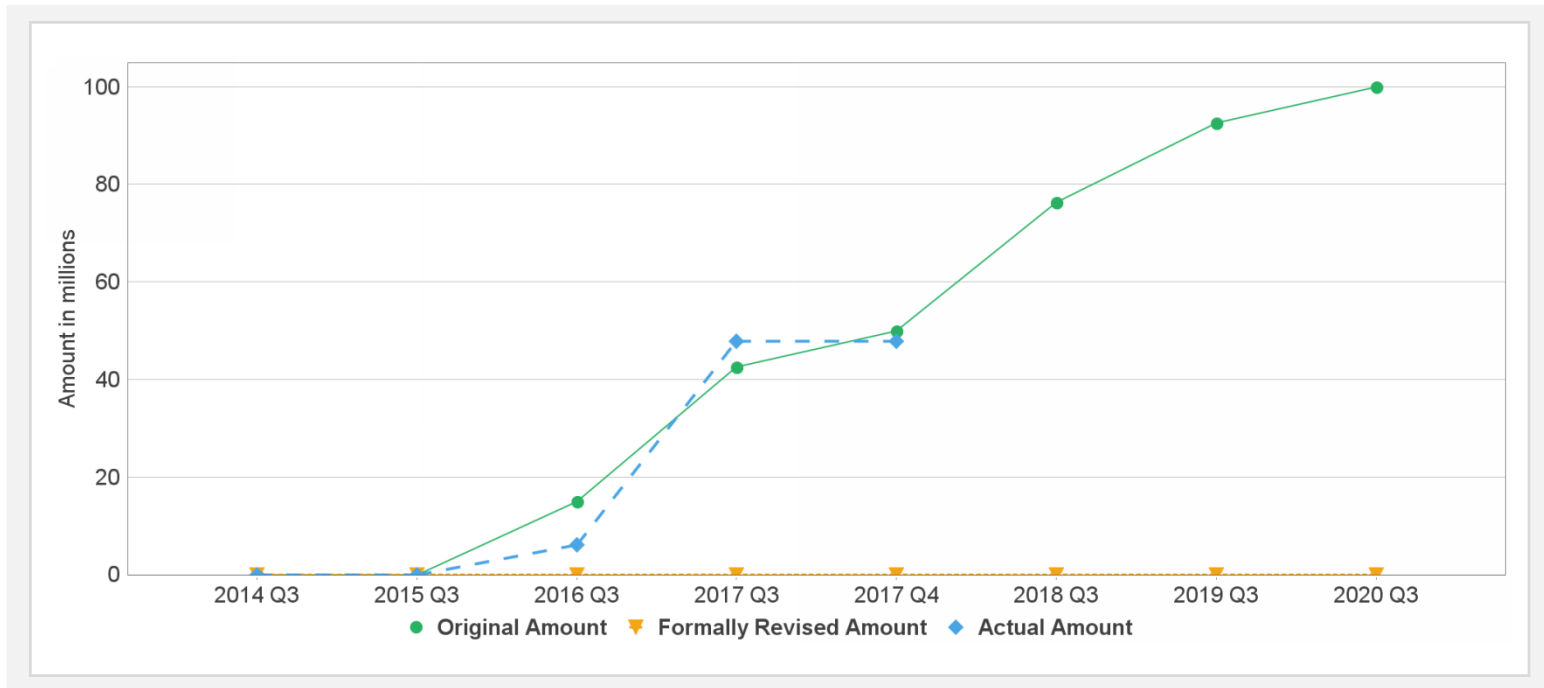
### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P133531	IBRD-83480	Effective	USD	100.00	100.00	0.00	48.10	51.90	 48%

### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P133531	IBRD-83480	Effective	28-Mar-2014	04-May-2014	30-Jul-2014	30-Jun-2020	30-Jun-2020

## Cumulative Disbursements



### Restructuring History

There has been no restructuring to date.

### Related Project(s)

There are no related projects.