



District Heating Efficiency Improvement Project (P132443)

EUROPE AND CENTRAL ASIA | Moldova | Energy and Mining Global Practice |
IBRD/IDA | Investment Project Financing | FY 2015 | Seq No: 1 | ARCHIVED on 01-May-2015 | ISR18808 |

Implementing Agencies: Ministry of Economy, CHP-2, Moldova Energy Projects Implementation Unit (MEPIU), CHP-1, Termocom

Key Dates

Key Project Dates

Board Approval date:21-Nov-2014

Effectiveness Date:--

Planned Mid Term Review Date:--

Actual Mid-Term Review Date:--

Original Closing Date:30-Jun-2020

Revised Closing Date:30-Jun-2020

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The objective of the proposed project is to contribute to improved operational efficiency and financial viability of the District Heating company and to improve quality and reliability of heating services delivered to the population of Chisinau.

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

No

Components

Name

Component 1: Investments to District Heating System:(Cost \$33.30 M)

Component 2: Support for streamlining operations:(Cost \$5.60 M)

Component 3: Project Management:(Cost \$1.50 M)

Overall Ratings

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



Implementation Status and Key Decisions

After delays due to the general election, the legal agreements have now been signed on April 15, 2015. The Government is also making good progress on compliance with the effectiveness conditions laid out in the legal agreements. Procurement process for the investments to be implemented under the Project has also been initiated and is on track.

Technical assistance will be continued to support the corporate restructuring process of the newly integrated utility, Thermoelectrica.

Risks

Systematic Operations Risk-rating Tool

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

Results

Project Development Objective Indicators

- Reduction in network heat losses (GCal) (Number, Custom)

Baseline

Actual (Previous)

Actual (Current)

End Target



Value	360000.00	--	0.00	330000.00
Date	16-Feb-2015	--	17-Apr-2015	30-Jun-2020

► Debt Service Coverage Ratio (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	2.45	--	0.00	1.20
Date	16-Feb-2015	--	17-Apr-2015	30-Jun-2020

► Projected lifetime fuel savings (Mega Joules (MJ), Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	9603288368.00
Date	16-Feb-2015	--	17-Apr-2015	30-Jun-2020

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	2849208.00
Date	16-Feb-2015	--	17-Apr-2015	30-Jun-2020

► Percentage of households that reported improved quality of service in buildings where IHSs were installed (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	80.00
Date	16-Feb-2015	--	17-Apr-2015	30-Jun-2020



► Projected lifetime reduction in CO2 emissions due to investments financed under the project (tCO2) (Tones/year, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	685299.00
Date	16-Feb-2015	--	17-Apr-2015	16-Feb-2046

► District Heating systems breakdown rate (Number/km) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.36	--	1.36	0.90
Date	23-Oct-2014	--	17-Apr-2015	30-Nov-2019

Overall Comments

Intermediate Results Indicators

► People that gained access to more energy-efficient cooking and/or heating facilities (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	27000.00	--	27000.00	109000.00
Date	16-Feb-2015	--	17-Apr-2015	30-Jun-2020

▲ People that gained access only through fuel switching (Number, Core Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	27000.00	--	27000.00	109000.00
Date	16-Feb-2015	--	17-Apr-2015	30-Jun-2020



► Actual fuel savings (GCal) (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0	--	0	79138
Date	16-Feb-2015	--	17-Apr-2015	30-Jun-2020

► Self-financing ratio (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	55.00	--	--	25.00
Date	16-Feb-2015	--	--	30-Jun-2020

► Termination of CHP-1 operations (Date, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	16-Feb-2015	--	30-Sep-2015	30-Sep-2015
Date	16-Feb-2015	--	30-Sep-2015	30-Sep-2015

► Reduction in Heat Consumption due to transition from Group Heating Substations to Individual Heating Substations (GCal) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	709.00
Date	16-Feb-2015	--	17-Apr-2015	30-Jun-2020



► Government institutions reconnected to DH system (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	44.00
Date	16-Feb-2015	--	17-Apr-2015	30-Jun-2018

► Staff who received re-training (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	648.00
Date	16-Feb-2015	--	17-Apr-2015	30-Jun-2020

► Staff who received severance payment (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	898.00
Date	16-Feb-2015	--	17-Apr-2015	30-Jun-2020

Overall Comments

Data on Financial Performance

Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P132443	IBRD-84510	Not Effective	USD	40.50	40.50	0.00	0.00	40.50	0%

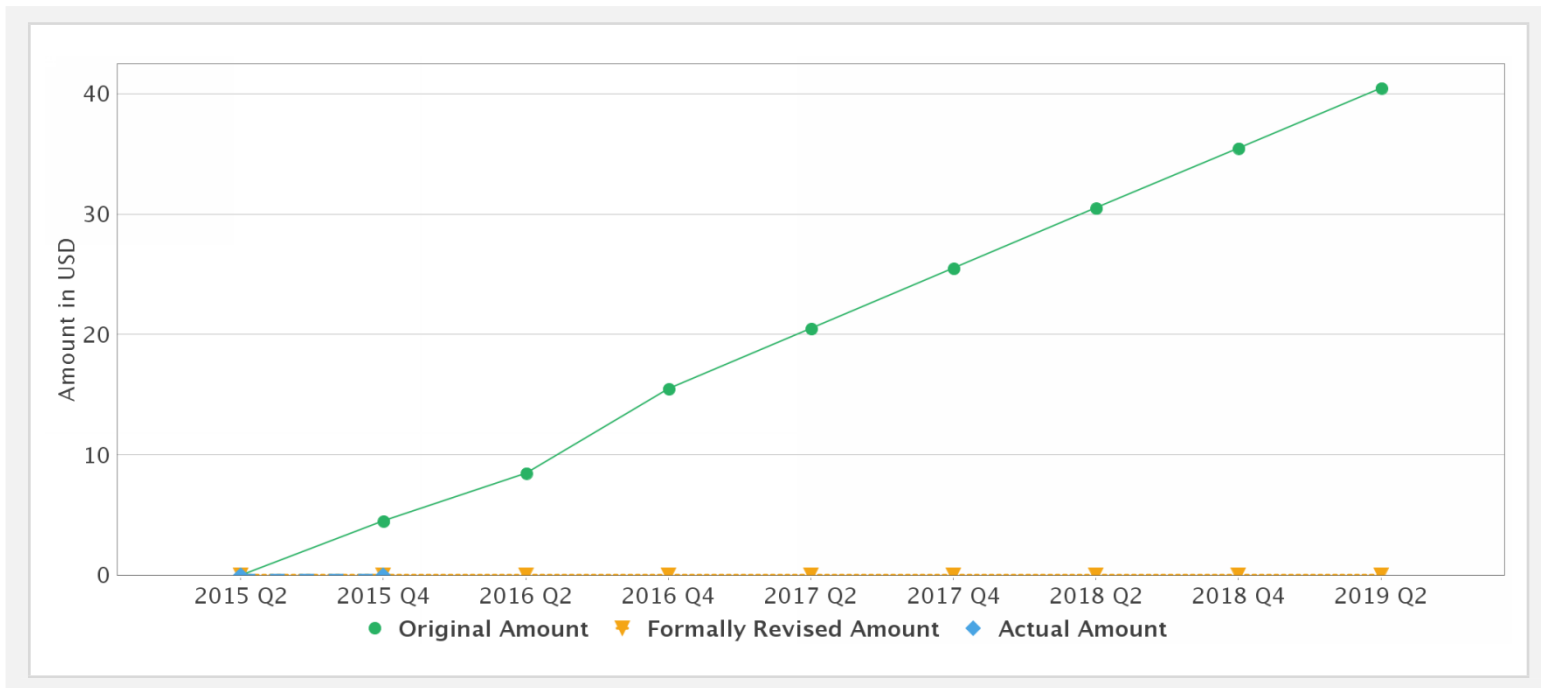
Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
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P132443	IBRD-84510	Not Effective	21-Nov-2014	15-Apr-2015	--	30-Jun-2020	30-Jun-2020
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Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.