



Ethiopia Geothermal Sector Development Project (P133613)

AFRICA | Ethiopia | Energy & Extractives Global Practice |

IBRD/IDA | Investment Project Financing | FY 2014 | Seq No: 13 | ARCHIVED on 01-Nov-2019 | ISR39027 |

Implementing Agencies: Ethiopian Electric Power, Government of Ethiopia

Key Dates

Key Project Dates

Bank Approval Date: 29-May-2014

Effectiveness Date: 05-Aug-2014

Planned Mid Term Review Date: 28-Feb-2017

Actual Mid-Term Review Date: 28-Feb-2017

Original Closing Date: 30-Jun-2020

Revised Closing Date: 30-Jun-2020

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Development Objective of Geothermal Sector Development Project (GSDP) is to develop geothermal resources in Ethiopia.

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

No

Components

Name

Aluto Geothermal Site Development:(Cost \$126.20 M)

Alalobad Geothermal Site Development:(Cost \$25.80 M)

Drilling Rig, Associated Accessories and Spare Parts:(Cost \$63.50 M)

Legal, Institutional and Regulatory Framework Development:(Cost \$3.00 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	□ Moderately Satisfactory	□ Moderately Satisfactory
Overall Implementation Progress (IP)	□ Moderately Satisfactory	□ Moderately Satisfactory
Overall Risk Rating	□ High	□ High

Implementation Status and Key Decisions

There has been steady progress in the project implementation. The key progress includes i) Drilling rigs manufacturing for Aluto site, ii) completion of drilling contractor bidding at Alalobad site, and iii) Finalization of legal framework for geothermal development in Ethiopia.



Risks

Systematic Operations Risk-rating Tool

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

Results

PDO Indicators by Objectives / Outcomes

Develop Geothermal Resources in Ethiopia				
Geothermal wells with potential to generate electricity (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	13.00
Date	21-Apr-2014	17-Apr-2019	24-Oct-2019	30-Jun-2020
Geothermal wells drilled and tested (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2.00	2.00	26.00
Date	21-Apr-2014	17-Apr-2019	24-Oct-2019	30-Jun-2020



Geothermal sites confirmed (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2.00
Date	21-Apr-2014	17-Apr-2019	24-Oct-2019	30-Jun-2020

Intermediate Results Indicators by Components

Aluto Geothermal Site Development				
Supervision Engineer contract signed (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	21-Apr-2014	17-Apr-2019	24-Oct-2019	30-Jun-2020
Drilling consumables contract signed (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	21-Apr-2014	17-Apr-2019	24-Oct-2019	30-Jun-2020
Drilling Contractor Contract signed (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	21-Apr-2014	17-Apr-2019	24-Oct-2019	30-Jun-2020
Number of sites tested (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1.00
Date	21-Apr-2014	17-Apr-2019	24-Oct-2019	30-Jun-2020

Alalobad Geothermal Site Development				
Supervision Engineer contract signed (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	21-Apr-2014	17-Apr-2019	24-Oct-2019	30-Jun-2020



Value	No	Yes	Yes	Yes
Date	01-Jul-2014	17-Apr-2019	24-Oct-2019	30-Jun-2020
□Drilling Contractor Contract signed (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	26-Sep-2018	17-Apr-2019	24-Oct-2019	30-Jun-2020
□Number of test wells drilled (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4.00
Date	01-Jul-2014	17-Apr-2019	24-Oct-2019	30-Jun-2020
□Number of sites tested (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1.00
Date	01-Jul-2014	17-Apr-2019	24-Oct-2019	30-Jun-2020

Drilling Rig, Associated Accessories and Spare Parts

□Tender floated (Rig and accessories) (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	21-Apr-2014	17-Apr-2019	24-Oct-2019	30-Jun-2020
□Contract signed (Rig and accessories) (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	21-Apr-2014	17-Apr-2019	24-Oct-2019	30-Jun-2020
□Rig delivered on-site (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes



Date	21-Apr-2014	17-Apr-2019	24-Oct-2019	30-Jun-2020
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Legal, Institutional and Regulatory Framework Development				
□ Training/Workshops held (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.00	1.00	4.00
Date	21-Apr-2014	17-Apr-2019	24-Oct-2019	30-Jun-2020
□ EEP Staff trained (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	45.00
Date	21-Apr-2014	17-Apr-2019	24-Oct-2019	30-Jun-2020
□ EEP retrained procurement staff (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4.00
Date	21-Apr-2014	17-Apr-2019	24-Oct-2019	30-Jun-2020
□ GSE/MoWIE/MoM staff trained (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	45.00
Date	21-Apr-2014	17-Apr-2019	24-Oct-2019	30-Jun-2020
□ Feasibility study completed (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	21-Apr-2014	17-Apr-2019	24-Oct-2019	30-Jun-2020

Data on Financial Performance

Disbursements (by loan)

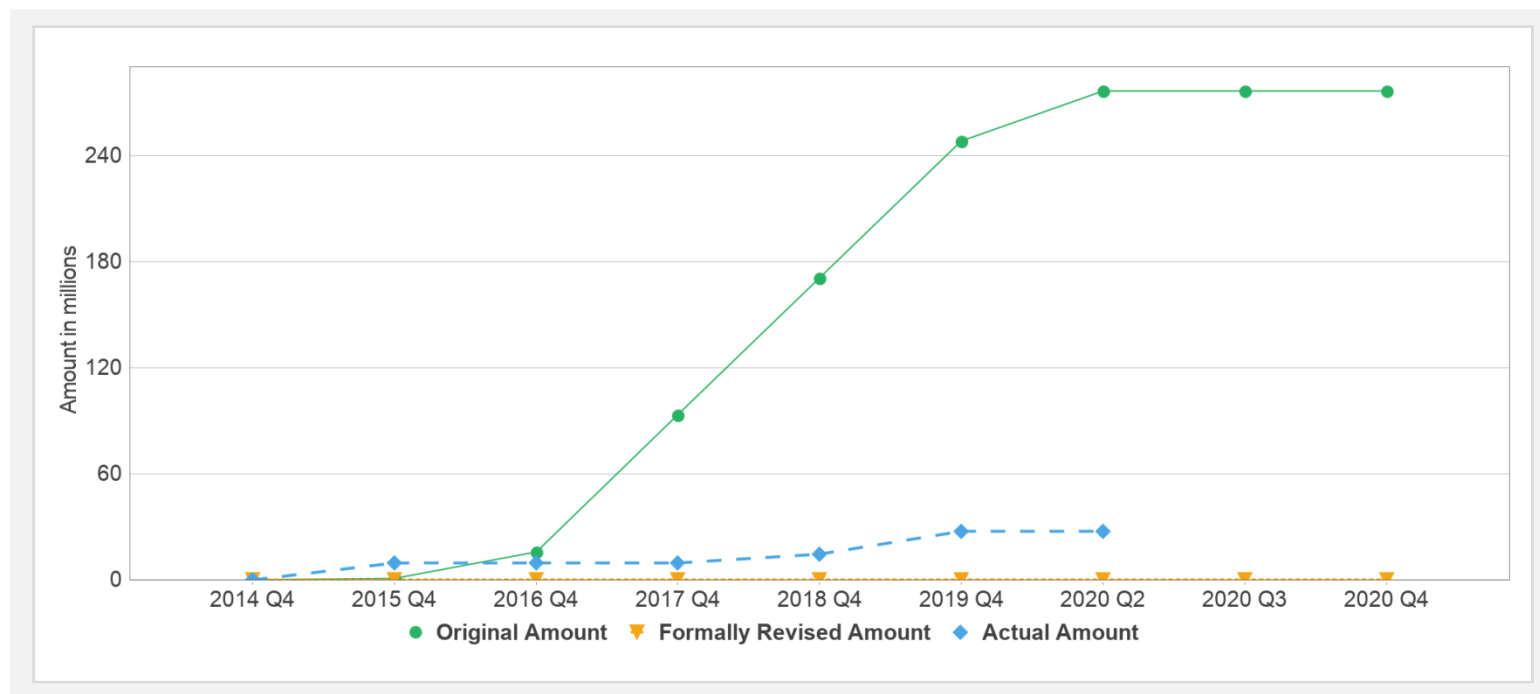


Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P133613	IDA-54680	Effective	USD	178.50	178.50	0.00	21.24	138.60	13%
P133613	TF-17206	Effective	USD	24.50	24.50	0.00	5.90	18.60	24%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P133613	IDA-54680	Effective	29-May-2014	10-Jun-2014	05-Aug-2014	30-Jun-2020	30-Jun-2020
P133613	TF-17206	Effective	10-Jun-2014	10-Jun-2014	03-Oct-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.
