Public Disclosure Authorized

Argentina Renewable Energy for Rural Areas Project (P133288)

LATIN AMERICA AND CARIBBEAN | Argentina | Energy & Extractives Global Practice |
IBRD/IDA | Investment Project Financing | FY 2015 | Seq No: 7 | ARCHIVED on 18-Apr-2019 | ISR34187 |

Implementing Agencies: Subsecretari-a de Energias Renovables - Ministerio de Energía, Argentine Republic

Key Dates

Key Project Dates

Bank Approval Date: 07-Apr-2015
Effectiveness Date: 04-May-2016
Planned Mid Term Review Date: 17-Apr-2019
Actual Mid-Term Review Date: --
Original Closing Date: 31-Oct-2020
Revised Closing Date: 31-Oct-2020

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project's development objective is to provide and enhance access to modern energy services in selected rural areas of Argentina.

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

No

Components

Name
1. Renewable electricity service provision:(Cost $215.61 M)
2. Solar thermal energy service provision:(Cost $9.67 M)
3. Project deployment support:(Cost $6.71 M)
4. Project management:(Cost $8.10 M)

Overall Ratings

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

Implementation Status and Key Decisions

Project implementation is moving forward. The PERMER team has already started to implement a first set of activities included in the project design. PERMER has already signed Participation Agreements with 20 provinces.
The provision of 13,000 solar home systems in various provinces is underway, the project has awarded the installation of nearly 300 solar systems in rural schools, and the purchase of solar home systems for 120,000 rural households, and will move forward with their installation.

Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	Moderate	Moderate	Moderate
Macroeconomic	Moderate	Substantial	Substantial
Sector Strategies and Policies	Moderate	Substantial	Substantial
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	Moderate	Moderate
Stakeholders	Moderate	Moderate	Moderate
Other	Moderate	--	--
Overall	Moderate	Moderate	Moderate

Results

PDO Indicators by Objectives / Outcomes

Direct project beneficiaries

▸Direct project beneficiaries (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	15,000.00	13,780.00	765,000.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020
Comments:	- There have not yet been results on the "**Direct project beneficiaries that obtained enhanced access** " indicator, as the first minigrids tenders will only be released in early 2019 - The PIU has not yet finished defining the calculation methodology for indicators, and thus has not provided a "**Female Beneficiaries**" indicator. - All indicators provided for May 2018 have been estimated by the WBG EEX team, based on implementation information provided by the PIU			

◢Direct project beneficiaries that obtained enhanced access (daily hours and quality of service) to modern energy services (electricity, water pumping, productive uses, solar thermal applications) (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	241,000.00
Date	01-May-2015	29-May-2018	14-Nov-2018	30-Apr-2020

◢Direct project beneficiaries that obtained access to modern energy services (electricity, water pumping, productive uses, solar thermal applications) (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	15,000.00	13,780.00	524,000.00
Date	01-May-2015	29-May-2018	14-Nov-2018	30-Apr-2020

◢Female beneficiaries (%) (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	30.00	40.00

People provided with access to electricity by household connections

►People provided with access to electricity by household connections (Number, Corporate)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	15,000.00	13,380.00	175,000.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020
Comments:	- The PIU has not yet finished defining the calculation methodology for indicators, and thus has not provided a "**Female Beneficiaries**" indicator. - All indicators provided for May 2018 have been estimated by the WBG EEX team, based on implementation information provided by the PIU			

◢Ppl provided wth elec. by hhold conn.–Offgrid/minigrid–Only renewable sources (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	15,000.00	13,380.00	173,000.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020

◢Ppl pvd wth elec. by hhold conn.–Offgrid/minigrid–Any source except only renewable (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2,000.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020

Community electricity connections constructed under the project

►Community electricity connections constructed under the project (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,800.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020

Comments:	- There have not yet been results on the "**Direct project beneficiaries that obtained enhanced access** " indicator, as the first minigrids tenders will only be released in the second half of 2018

◢Community elec. connections constructed–Offgrid/minigrid–Only renewable sources (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,750.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020

◢Commy elec. connection constructd–Offgrid/minigrid–Any source except only renewable (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020

People that obtain a daily and constant electricity service (through minigrids)

►People that obtain a daily and constant electricity service (through minigrids) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	5,000.00	5,000.00	0.00	37,000.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020

Comments:	- There have not yet been results on the "**Direct project beneficiaries that obtained enhanced access** " indicator, as the first minigrids tenders will only be released in the second half of 2018

◢People that obtain a daily and constant electricity service and with prior access to the service (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	5,000.00	5,000.00	0.00	28,000.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020

◢People that obtain a daily and constant electricity service and without prior access to the service (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	9,000.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020

Intermediate Results Indicators by Components

1 - Renewable electricity service provision:(Cost $215.61 M)

▸Community electricity connections constructed under the project (schools) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,200.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020

▸Community electricity connections constructed under the project (other public facilities) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	600.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020

▸Generation Capacity of Hydropower constructed or rehabilitated under the project (Megawatt, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	14.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020
Comments:	- The PIU has not yet finished defining the calculation methodology for indicators. - All indicators provided for May 2018 have been estimated by the WBG EEX team, based on implementation information provided by the PIU			

◢Generation Capacity of Hydropower constructed under the project (Megawatt, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	14.00
Date	30-Apr-2015	29-May-2018	15-Nov-2018	30-Apr-2020

▸Generation Capacity of Renewable Energy (other than hydropower) constructed (MW) (Megawatt, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.51	0.45	10.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020
Comments:	- The PIU has not yet finished defining the calculation methodology for indicators. - All indicators provided for May 2018 have been estimated by the WBG EEX team, based on implementation information provided by the PIU			

◢Generation Capacity of Renewable Energy constructed-Solar (MW) (Megawatt, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.51	0.45	8.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020

◢Generation Capacity of Renewable Energy constructed – Wind (MW) (Megawatt, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020

▸People that obtained access to an electricity service for water pumping only (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	185,000.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020

▸Micro-enterprises that obtained an electricity service under the project (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4,220.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020
Comments:	- The PIU has not yet finished defining the calculation methodology for indicators. - All indicators provided for May 2018 have been estimated by the WBG EEX team, based on implementation information provided by the PIU			

◢Collective micro-enterprises that obtained an electricity service under the project (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	20.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020

◢Individual micro-enterprises that obtained an electricity service under the project (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4,200.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020

◢Micro-enterprises supported under the project that increase their production (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	65.00

▸People that are satisfied with the benefits arising from obtaining access or an enhanced access to electricity through household connections (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	80.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020
Comments:	The PIU has not finished defining a measuring methodology for indicators.			

▸People that are satisfied with the benefits arising from obtaining access or an enhanced access to electricity through community connections (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	80.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020
Comments:	The PIU has not finished defining a measuring methodology for indicators.			

2 - . Solar thermal energy service provision:(Cost $9.67 M)

▸People that obtained access to thermal energy provision (modern spatial heating, cooking, and water heating) in public institutions (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	205,000.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020

◢People that obtained access to modern cooking appliances (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	31,000.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020

◢People that obtained access to modern water heating systems (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	164,000.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020

◢People that obtained access to modern spatial heating systems (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	10,000.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020

3 - Project deployment support:(Cost $6.71 M)

▸Capacity building, outreach, and training activities implemented under the project (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3.00	4.00	70.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020
Comments:	- The PIU has not yet finished defining the calculation methodology for indicators.			

▸Clean energy studies and strategies supported under the project (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.00	1.00	10.00
Date	01-May-2015	29-May-2018	15-Nov-2018	30-Apr-2020
Comments:	Study: Diagnosis of the state of PERMER I systems.			

Data on Financial Performance

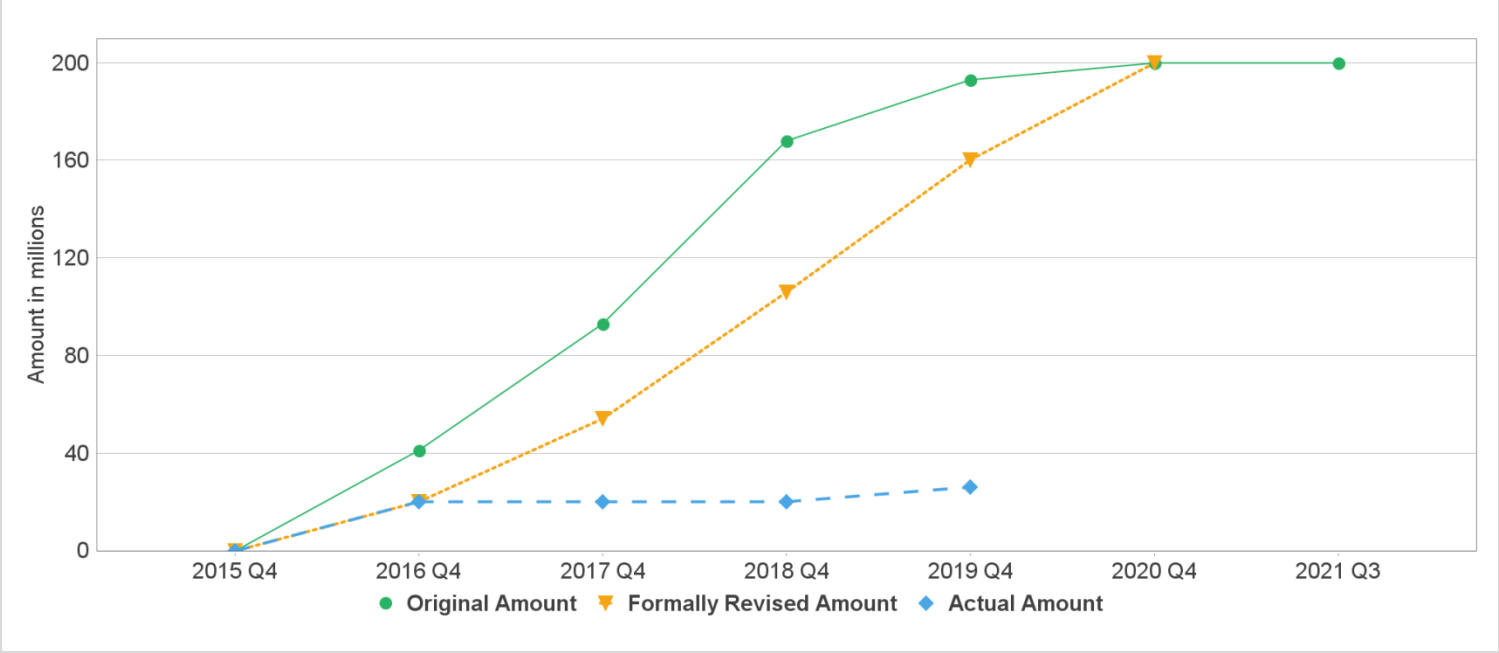
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P133288	IBRD-84840	Effective	USD	200.00	200.00	0.00	26.60	173.40	13%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P133288	IBRD-84840	Effective	07-Apr-2015	09-Oct-2015	04-May-2016	31-Oct-2020	31-Oct-2020

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.