



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: 11 | ARCHIVED on 29-Apr-2021 | ISR44949 |

Implementing Agencies: Dirección Nacional de Energías Renovables - Secretaria 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: 09-May-2019

Original Closing Date: 31-Oct-2020

Revised Closing Date: 30-Jun-2022

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 Table

Name

1. Renewable electricity service provision:(Cost \$161.04 M)
2. Solar thermal energy service provision:(Cost \$5.01 M)
3. Project deployment support:(Cost \$0.77 M)
4. Project management:(Cost \$1.84 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Unsatisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Unsatisfactory
Overall Risk Rating	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial

Implementation Status and Key Decisions

Covid-19 crisis and changes in authorities have delayed project implementation during 2020. Now, project implementation is moving forward. Overall, more than 98,000 people in various provinces have received solar home systems, and more than 80 rural schools have been newly electrified or repowered.

Three bidding processes for schools and solar water pumps, adding up to USD 26 M, were published in April 2021

The project is planning to publish bids for near USD 68 M (SHS USD 4,5 M, Public sector USD 30 M, Productive Uses USD15 M, and mini-grids USD 18 M) by June 2021.



Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Macroeconomic	<input type="checkbox"/> Moderate	<input type="checkbox"/> High	<input type="checkbox"/> High
Sector Strategies and Policies	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Technical Design of Project or Program	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Institutional Capacity for Implementation and Sustainability	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial
Fiduciary	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Environment and Social	<input type="checkbox"/> Low	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Stakeholders	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Other	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Overall	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial

Results

PDO Indicators by Objectives / Outcomes

Direct project beneficiaries				
▶ Direct project beneficiaries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	74,533.00	98,225.00	454,300.00
Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022
Comments:	- There have not yet been results on the sub-indicator " Direct project beneficiaries that obtained enhanced access, " (seen below) as the first minigrids tenders have only been released in September 2019			
<input type="checkbox"/> 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	3,386.00	5,848.00	118,784.00



Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022
<input type="checkbox"/> 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	71,147.00	92,377.00	335,515.00
Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022
<input type="checkbox"/> Female beneficiaries (%) (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	32.00	0.00	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	56,364.00	73,900.00	193,991.00
Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022
<input type="checkbox"/> People provided with new elec. by household connection.—Offgrid/minigrd—Only renewable sources (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	56,364.00	73,900.00	193,631.00
Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022
<input type="checkbox"/> People provided with new electricity by husehold connection.—Offgrid/minigrd—Any source except only renewable (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	360.00
Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022

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	105.00	181.00	2,615.00



Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022
Comments:	- There have not yet been results on the "Community electricity connections constructed under the project" indicator, as the first minigrids tenders will only be released in mid- 2021			
<input type="checkbox"/> Community elec. connections constructed–Offgrid/minigrid–Only renewable sources (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	105.00	181.00	2,555.00
Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022
<input type="checkbox"/> 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	60.00
Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022
People that obtain a daily and constant electricity service (through minigrids)				
► People that obtain a daily and constant electricity service (through minigrids) as a result of the project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3,600.00
Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022
Comments:	- There have not yet been results on the "People that obtain a daily and constant electricity service (through Minigrids)" indicator, as the first minigrids tenders will only be released in mid-2021			
<input type="checkbox"/> People that obtain a daily and constant electricity service and with prior access to the service, as a result of the project (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3,240.00
Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022
<input type="checkbox"/> People that obtain a daily and constant electricity service (through minigrids) and without prior access to the service (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	360.00
Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022

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	105.00	126.00	1,821.00
Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022
▶ 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	376.00
Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022
▶ 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	0.21
Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022
Comments:	- The PIU has not yet finished defining the calculation methodology for indicators.			
□ 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	0.21
Date	30-Apr-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022
▶ Generation Capacity of Renewable Energy (other than hydropower) constructed (MW) (Megawatt, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2.12	2.41	9.66
Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022
□ Generation Capacity of Renewable Energy constructed-Solar (MW) (Megawatt, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2.12	2.41	9.48



Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022
<input type="checkbox"/> 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	0.18
Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022
► 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	124,200.00
Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022
► Micro-enterprises that obtained an electricity service under the project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,315.00	1,442.00	8,940.00
Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022
<input type="checkbox"/> 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	665.00
Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022
<input type="checkbox"/> Individual micro-enterprises that obtained an electricity service under the project (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,315.00	1,442.00	8,276.00
Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022
<input type="checkbox"/> 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	15-Nov-2018	15-Nov-2018	30-Jun-2022
Comments:	The PIU has not yet collected data on this indicator			
► 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	15-Nov-2018	15-Nov-2018	30-Jun-2022
Comments:	The PIU has not yet collected data on this indicator			

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	28,350.00
Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022

□ 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	28,350.00
Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022

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	8.00	28.00	70.00
Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3.00	3.00	10.00



Date	01-May-2015	30-Jun-2020	31-Mar-2021	30-Jun-2022
Comments:	Study: Diagnosis of the state of PERMER I systems.			

Performance-Based Conditions

Data on Financial Performance

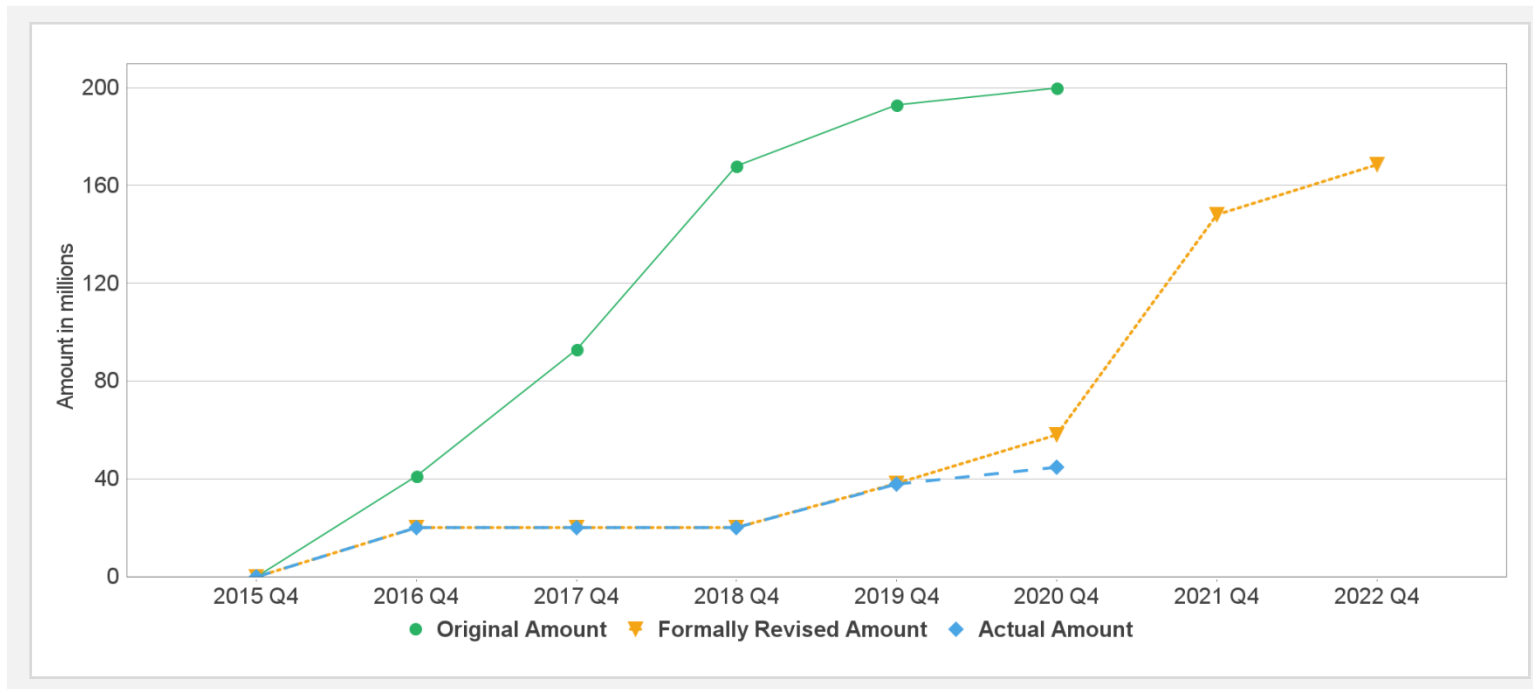
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P133288	IBRD-84840	Effective	USD	200.00	168.66	31.34	52.36	116.30	31%

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	30-Jun-2022

Cumulative Disbursements





PBC Disbursement

PBC ID	PBC Type	Description	Coc	PBC Amount	Achievement Status	Disbursed amount in Coc	Disbursement % for PBC
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Restructuring History

Level 2 Approved on 29-Oct-2020 ,Level Approved on 30-Oct-2020

Related Project(s)

There are no related projects.
