



Niger Solar Electricity Access Project (NESAP) (P160170)

AFRICA | Niger | Energy & Extractives Global Practice |
IBRD/IDA | Investment Project Financing | FY 2017 | Seq No: 1 | ARCHIVED on 29-Sep-2017 | ISR29549 |

Implementing Agencies: Government of the Republic of Niger, Société Nigerienne d'Electricité (NIGELEC), Ministère de l'Energie du Niger, Agence Nigérienne pour la Promotion de l'Électrification Rurale (ANPER), Centre National d'Énergie Solaire (CNES), Direction Générale des Opérations Financières et des Réformes (DGOFR) - Ministry of Finance

Key Dates

Key Project Dates

Bank Approval Date:07-Jun-2017

Effectiveness Date:--

Planned Mid Term Review Date:20-Jun-2019

Actual Mid-Term Review Date:--

Original Closing Date:31-Jan-2024

Revised Closing Date:31-Jan-2024

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The objective of the project is to increase access to electricity through solar energy in rural and peri-urban areas of the Republic of Niger.

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

No

Components

Name

Component 1:Market Development of Stand-alone Solar Systems:(Cost \$7.00 M)

Component 2: Rural Electrification through Service-based Solar Hybrid Mini-grids:(Cost \$10.00 M)

Component 3: Solar PV Hybridization of Isolated Thermal Mini-grids and Expansion of Access:(Cost \$25.00 M)

Component 4: Implementation Support and Technical Assistance:(Cost \$7.89 M)

Overall Ratings

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



Implementation Status and Key Decisions

The project was approved by the Board of the World Bank on June 7, 2017. The legal agreements were signed on June 27, 2017. The fulfillment of effectiveness conditions is ongoing and expected to be completed by the end of October 2017. The project is starting preparatory activities financed through various Trust Funds (ESMAP and PPIAF) to conduct feasibility studies, set up the implementation framework of rural electrification projects and select localities to be electrified. The implementing entities are finalizing the ToR for the initial activities of the Project. The effectiveness of the project is expected by end of October 2017.

Risks

Systematic Operations Risk-rating Tool

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

Results

Project Development Objective Indicators

► People provided with new or improved electricity service (Corporate Results Indicator) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	399,000.00
Date	31-Mar-2017	--	07-Sep-2017	31-Jan-2024



▲ of which females (percentage) (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	50.00

► Generation capacity of energy constructed or rehabilitated (Corporate Results Indicator) (Megawatt, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	9.50
Date	31-Mar-2017	--	07-Sep-2017	31-Jan-2024

Overall Comments

Intermediate Results Indicators

► Number of Lighting Africa-certified solar products sold (Component 1) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	100,000.00
Date	31-Mar-2017	--	07-Sep-2017	31-Jan-2024



► People provided with electricity access from solar standalone systems (Component 1) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	300,000.00
Date	31-Mar-2017	--	07-Sep-2017	31-Jan-2024

► Number of solar companies financed by the Project (Component 1) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	10.00
Date	31-Mar-2017	--	07-Sep-2017	31-Jan-2024

► Number of farmers acquiring solar pumps through solar companies financed by the Project (Component 1) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	1,000.00
Date	31-Mar-2017	--	07-Sep-2017	31-Jan-2024

► Volume of Project Funding: Line of Credit - Solar Energy Sector (Households and Enterprises) (Component 1) (Amount(USD), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	8,500,000.00
Date	31-Mar-2017	--	07-Sep-2017	31-Jan-2024



► Number of households provided with electricity access from new solar mini-grid systems (Component 2) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	6,000.00
Date	31-Mar-2017	--	07-Sep-2017	31-Jan-2024

▲ of which women headed households (percentage) (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	16.00

► Annual electricity output from renewable energy (Component 2) (MWh/year, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	3,300.00
Date	31-Mar-2017	--	07-Sep-2017	31-Jan-2024

► Number of Private operators managing solar mini-grids in rural areas (Component 2) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	10.00
Date	31-Mar-2017	--	07-Sep-2017	31-Jan-2024



▲ of which percentage of women workers of the operators (percentage) (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	15.00

▶ Households provided with new electricity access from solar hybridization of existing NIGELEC mini-grids (Component 3) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	7,500.00
Date	31-Mar-2017	--	07-Sep-2017	31-Jan-2024

▲ of which women headed households (percentage) (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	16.00

▶ Households provided with additional hours of electricity from solar hybridization of existing NIGELEC mini-grids (Component 3) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	3,000.00
Date	31-Mar-2017	--	07-Sep-2017	31-Jan-2024



▲ of which women headed households (percentage) (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	16.00

▶ Annual electricity output from renewable energy (Component 3) (MWh/year, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	12,700.00
Date	31-Mar-2017	--	07-Sep-2017	31-Jan-2024

▶ Average electricity generation cost (US\$/kWh) of isolated grids in hybridized mini-grids (Component 3) (Amount(USD), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.38	--	0.38	0.24
Date	31-Mar-2017	--	07-Sep-2017	31-Jan-2024

▶ Number of productive users provided with electricity access from mini-grid systems (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	675.00
Date	31-Mar-2017	--	07-Sep-2017	31-Jan-2024



▶ Project-related grievances registered under the project grievance redress mechanism and addressed (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	100.00
Date	31-Mar-2017	--	07-Sep-2017	31-Jan-2024

▶ ANPER published reports on beneficiary feedback and how it has been incorporated in the Project (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	N	Y
Date	31-Mar-2017	--	07-Sep-2017	31-Jan-2024

Overall Comments

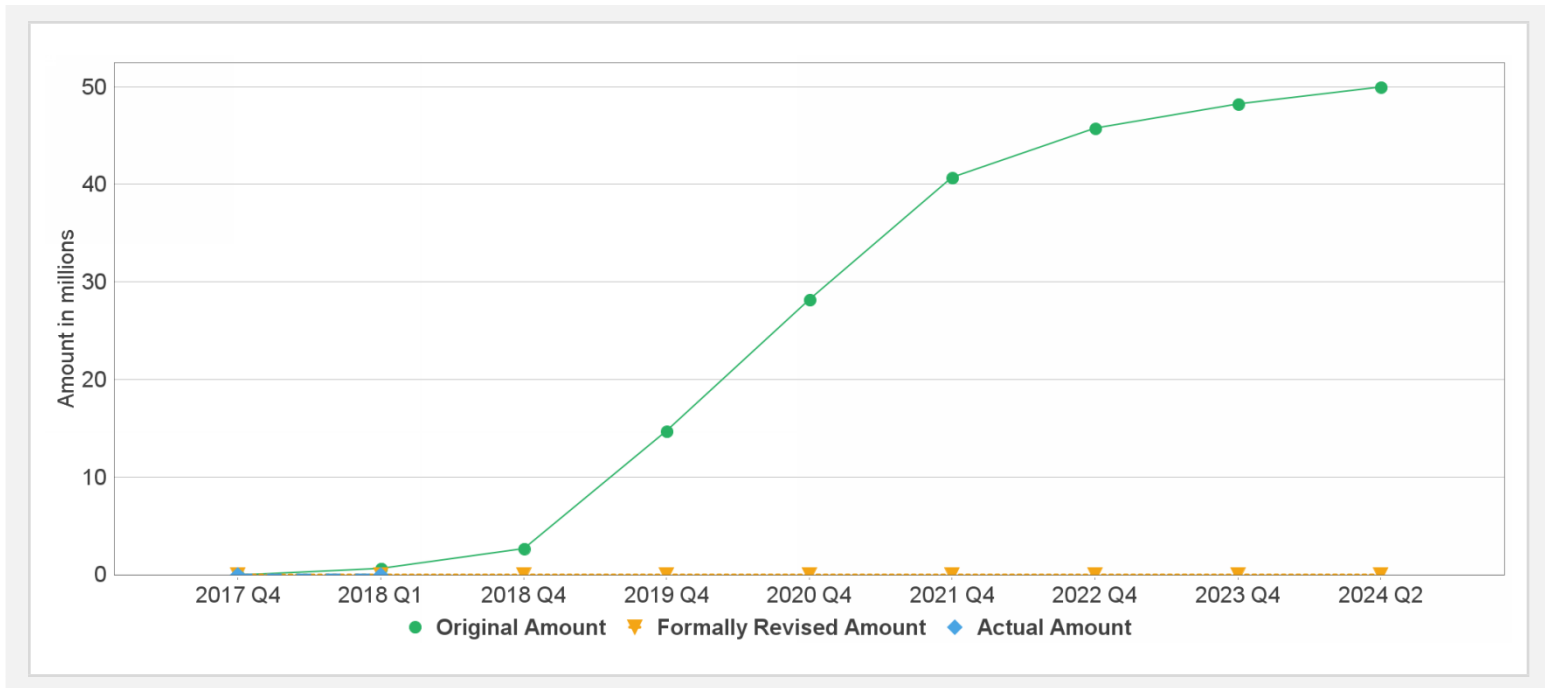
Data on Financial Performance**Disbursements (by loan)**

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P160170	IDA-60820	Not Effective	USD	45.55	45.55	0.00	0.00	50.45	0%
P160170	IDA-D1980	Not Effective	USD	4.30	4.30	0.00	0.00	4.50	0%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P160170	IDA-60820	Not Effective	07-Jun-2017	27-Jun-2017	--	31-Jan-2024	31-Jan-2024
P160170	IDA-D1980	Not Effective	07-Jun-2017	27-Jun-2017	--	31-Jan-2024	31-Jan-2024

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.