

**INTEGRATED SAFEGUARDS DATA SHEET
APPRAISAL STAGE**

Report No.: ISDSA14151

Date ISDS Prepared/Updated: 16-Oct-2015

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I. BASIC INFORMATION

1. Basic Project Data

Country:	Niger	Project ID:	P153743
Project Name:	Electricity Access Expansion Project (P153743)		
Task Team Leader(s):	Manuel Luengo		
Estimated Appraisal Date:	06-Nov-2015	Estimated Board Date:	29-Jan-2016
Managing Unit:	GEE07	Lending Instrument:	Investment Project Financing
Sector(s):	Transmission and Distribution of Electricity (70%), General energy sector (30%)		
Theme(s):	City-wide Infrastructure and Service Delivery (60%), Infrastructure services for private sector development (20%), State-owned enter prise restructuring and privatization (20%)		
Is this project processed under OP 8.50 (Emergency Recovery) or OP 8.00 (Rapid Response to Crises and Emergencies)?			No
Financing (In USD Million)			
Total Project Cost:	65.00	Total Bank Financing:	65.00
Financing Gap:	0.00		
Financing Source			Amount
BORROWER/RECIPIENT			0.00
International Development Association (IDA)			54.50
IDA Grant			10.50
Total			65.00
Environmental Category:	B - Partial Assessment		
Is this a Repeater project?	No		

2. Project Development Objective(s)

The Project Development Objective (PDO) is to increase access to electricity.

3. Project Description

The proposed Niger Electricity Access Expansion Project (NELACEP) will finance a strategic portion of Nigelec's Investment Distribution Program, focusing on addressing existing distribution network bottlenecks and pending connection requests in seven major urban areas, including the capital Niamey.

The project will also finance capacity building activities to the MEP in the context of the current sector reform. In addition, it will provide financing to Nigelec to improve its performance and to cover project implementation costs. The project is described briefly below and further details are provided in Annex 2.

Project Components

Component 1. Extension and reinforcement of distribution systems (estimated cost US\$52.6 million).

This component will support the expansion, reinforcement, densification and rehabilitation of medium/low voltage (MV/LV) distribution systems to allow the connection of 60,000 new clients in seven major urban areas (Niamey, Dosso, Maradi, Zinder, Agadez, Tahaoua and Tillabéry). In addition, this component will support the reinforcement of the substations that feed the urban centers and its related MV backbone network, thus improving the service quality for existing customers and allowing new customers to connect to the grid. This will improve power system performance, leading to a reduction of system losses, blackouts, fluctuation of voltage conditions and poor system power factors. The investments will include adding, replacing or upgrading distribution lines, substations, medium/low voltage equipment, meters, spare parts and tools. The new customers will be connected by electronic meters with both prepayment and post payment functions. The payment of the connection charges will be spread over several months. This component incorporates an owner's engineer for supervising the implementation of the investment component, including the supervision of the implementation of the safeguard instruments.

Component 2. Strengthening institutional capacity in the electricity sector (estimated cost US\$8.7 million).

This component will finance capacity building activities for MEP as well as Nigelec. In addition, it will support Nigelec in project implementation. The component will be divided into three sub-components:

- Sub-component 2-A: Technical assistance to MEP. Activities under this sub-component will include: (i) strengthening MEP capacity to develop sector policies and regulations and to articulate a strategic vision for the sector; (ii) supporting the implementation of the Energy Regulator once it has been created, and the preparation of a tariff review; (iii) supporting GoN's efforts to increase access in the country by financing a National Electrification Strategy and measures to expand access in the rural areas. These activities support the policy reforms included under the Public Investment Reform Support Program agreed with the World Bank as part of the DPO series.
- Sub-component 2-B: Technical assistance to Nigelec. This sub-component will include: (i) capacity strengthening in distribution system planning (implementation of a GIS system and acquisition of new distribution planning software); (ii) the acquisition of fault detection equipment for underground MV system to improve system operation and fault clearing; and (iii) consultancy services for the study of Supervisory Control and Data Acquisition (SCADA) systems for the high voltage (HV) and MV grid.
- Sub-component 2-C: Project Management. The component covers all activities related to

project implementation, including the purchase of vehicles for site supervision, the acquisition of computers and office equipment, training, audits and other operational costs.

4. Project location and salient physical characteristics relevant to the safeguard analysis (if known)

Project's activities, in particular component 1, will be implemented in urban and peri-urban areas in the 7 major cities: Niamey, Dosso, Maradi, Zinder, Agadez, Tahaoua and Tillabéry.

5. Environmental and Social Safeguards Specialists

Medou Lo (GENDR)

Paivi Koskinen-Lewis (GSURR)

6. Safeguard Policies	Triggered?	Explanation (Optional)
Environmental Assessment OP/BP 4.01	Yes	Activities under component 1 have the potential for some localized environmental adverse impacts. An Environmental and Social Impact Assessment (ESIA) and an Environmental and Social Management Framework (ESMF) (for the unknown locations) have been prepared, consulted upon and disclosed in-country and at the InfoShop on October 16, 2015. The ESIA includes the global ESMP of the known activities (measures to be implemented by NIGELEC and measures to be implemented by the contractor).
Natural Habitats OP/BP 4.04	No	Project sites are urban and peri-urban areas with high population density. Therefore, the Natural Habitats policy is unlikely to be triggered.
Forests OP/BP 4.36	No	Project sites are urban and peri-urban areas with high population density. Therefore, the forest policy is unlikely to be triggered.
Pest Management OP 4.09	No	The Project does not involve the use of pesticides or have any impact on pest management practices.
Physical Cultural Resources OP/BP 4.11	Yes	Due to potential impacts on Physical Cultural Resources associated with civil works, the ESMF formulated standard measures to be included in the companies' contracts, in case any chance finds occurs.
Indigenous Peoples OP/BP 4.10	No	There are no indigenous peoples in the project area.
Involuntary Resettlement OP/BP 4.12	Yes	Component 1 may have some limited land acquisition or subsequent losses of assets related to the potential construction of distribution sub-stations and therefore OP 4.12 is triggered to address any adverse impacts. A Resettlement Action Plan (RAP) and a Resettlement Policy Framework (RPF) (for the unknown locations), have been prepared, consulted upon and disclosed in-country and at the InfoShop on October 16, 2015.

Safety of Dams OP/BP 4.37	No	The project will not support construction or rehabilitation of dams.
Projects on International Waterways OP/BP 7.50	No	This project will not take place on any international waterways, and will not support activities that will impact international waterways.
Projects in Disputed Areas OP/BP 7.60	No	This project will not take place in any disputed areas as defined under OP 7.60, and will not support any activities that will impact disputed areas.

II. Key Safeguard Policy Issues and Their Management

A. Summary of Key Safeguard Issues

<p>1. Describe any safeguard issues and impacts associated with the proposed project. Identify and describe any potential large scale, significant and/or irreversible impacts:</p> <p>The project is rated as environmental category B, partial assessment, as no adverse long-term impacts are anticipated. It triggers 3 safeguard policies; Environmental Assessment (OP 4.01), Physical Cultural Resources (OP 4.11) and Involuntary Resettlement (OP 4.12). OP/BP 4.12 on Involuntary Resettlement is triggered in the context of component 1 to cover clearance of land/RoW for new transmission and distribution networks, which might require some land acquisition leading to compensation, and potential, but very limited relocation and displacement of some households and assets. In case any land acquisition or compensation becomes necessary, the cost will be covered by the borrower. Some small-scale land acquisition and/or losses or assets may occur as a result of constructing new substations (Niamey and Maradi) and expanding the grid. The number of PAPs who lose assets is 1193, and they mainly lose small business structures and/or trees. A Resettlement Action Plan, which addresses such negative social impacts and which contains a compensation framework to ensure different categories of losses are compensated adequately, has been prepared, consulted upon and disclosed in-country on 10/16/15 and at InfoShop on 10/16/15. For the unknown locations, a Resettlement Policy Framework (RPF) has been prepared to guide the future preparation of eventual RAPs, consulted upon and disclosed in-country and at InfoShop on 10/16/15.</p> <p>The implementation of component 1 may also induce other environmental and social impacts which include tree cutting, soil erosion and degradation, nuisance due to dust and noises from construction activities, and risks of increased prevalence of HIV/AIDS and other STDs due to foreign workers on construction sites.</p>
<p>2. Describe any potential indirect and/or long term impacts due to anticipated future activities in the project area:</p> <p>The project is not expected to cause long term impacts, as the environmental and social impacts associated with component 1 are localized and can be mitigated.</p>
<p>3. Describe any project alternatives (if relevant) considered to help avoid or minimize adverse impacts.</p> <p>N/A</p>
<p>4. Describe measures taken by the borrower to address safeguard policy issues. Provide an assessment of borrower capacity to plan and implement the measures described.</p> <p>For the known locations, NIGELEC prepared an ESIA and a RAP to address impacts specific to these sites. For the unknown locations, an ESMF and a RPF have been prepared to guarantee sustainability through mitigation measures. All activities for which the location will be known</p>

during project implementation will be subject to environmental and social screening to minimize the potential negative impacts of these activities. The ESIA includes the global ESMP of the known activities (measures to be implemented by NIGELEC and measure to be implemented by the contractor). Where applicable, an ESIA, including an ESMP and/or a RAP will be carried out, consulted upon and approved before the activities on the ground commence. All contractor bidding documents will include specific environmental and social clauses to be strictly implemented. Consulting Engineers' contracts will include provisions for overseeing the implementation by the contractors of the environmental and social clauses. Nigelec will produce on a quarterly basis reports on the compliance with the safeguard documents. World Bank supervision teams will also include environmental and social safeguard experts.

The current safeguards capacity at Nigelec needs reinforcement, and this will be done by enhancing the staffing of the PIU through the recruitment of environmental and social specialists to be responsible for overseeing Project compliance with the environmental and social safeguards instruments in accordance with national and Bank policies and procedures. They will be trained, together with their regional counterparts, in the implementation and monitoring of WBG's safeguard policies. Nigelec will ensure adherence to the safeguard documents of all agencies involved in the implementation of the project, including contractors. All contractor bidding documents will include specific environmental and social clauses to be strictly implemented. Consulting Engineers' contracts will include provisions for overseeing the implementation by the contractors of the environmental and social clauses. Nigelec will produce on a quarterly basis reports on the compliance with the safeguard documents. World Bank supervision teams will also include environmental and social safeguard experts.

5. Identify the key stakeholders and describe the mechanisms for consultation and disclosure on safeguard policies, with an emphasis on potentially affected people.

All safeguards instruments have been consulted upon with PAPs and relevant local, regional and national level authorities. The safeguards documents have been disclosed in-country and at InfoShop on 10/16/15 .

B. Disclosure Requirements

Environmental Assessment/Audit/Management Plan/Other	
Date of receipt by the Bank	23-Sep-2015
Date of submission to InfoShop	16-Oct-2015
For category A projects, date of distributing the Executive Summary of the EA to the Executive Directors	00000000
"In country" Disclosure	
Niger	16-Oct-2015
<i>Comments:</i> Website www.nigelec.ne	
Resettlement Action Plan/Framework/Policy Process	
Date of receipt by the Bank	09-Sep-2015
Date of submission to InfoShop	16-Oct-2015
"In country" Disclosure	
Niger	16-Oct-2015
<i>Comments:</i> Website www.nigelec.ne	
If the project triggers the Pest Management and/or Physical Cultural Resources policies, the	

respective issues are to be addressed and disclosed as part of the Environmental Assessment/Audit/or EMP.
If in-country disclosure of any of the above documents is not expected, please explain why:

C. Compliance Monitoring Indicators at the Corporate Level

OP/BP/GP 4.01 - Environment Assessment			
Does the project require a stand-alone EA (including EMP) report?	Yes [<input checked="" type="checkbox"/>]	No [<input type="checkbox"/>]	NA [<input type="checkbox"/>]
If yes, then did the Regional Environment Unit or Practice Manager (PM) review and approve the EA report?	Yes [<input checked="" type="checkbox"/>]	No [<input type="checkbox"/>]	NA [<input type="checkbox"/>]
Are the cost and the accountabilities for the EMP incorporated in the credit/loan?	Yes [<input checked="" type="checkbox"/>]	No [<input type="checkbox"/>]	NA [<input type="checkbox"/>]
OP/BP 4.11 - Physical Cultural Resources			
Does the EA include adequate measures related to cultural property?	Yes [<input checked="" type="checkbox"/>]	No [<input type="checkbox"/>]	NA [<input type="checkbox"/>]
Does the credit/loan incorporate mechanisms to mitigate the potential adverse impacts on cultural property?	Yes [<input checked="" type="checkbox"/>]	No [<input type="checkbox"/>]	NA [<input type="checkbox"/>]
OP/BP 4.12 - Involuntary Resettlement			
Has a resettlement plan/abbreviated plan/policy framework/process framework (as appropriate) been prepared?	Yes [<input checked="" type="checkbox"/>]	No [<input type="checkbox"/>]	NA [<input type="checkbox"/>]
If yes, then did the Regional unit responsible for safeguards or Practice Manager review the plan?	Yes [<input checked="" type="checkbox"/>]	No [<input type="checkbox"/>]	NA [<input type="checkbox"/>]
Is physical displacement/relocation expected?	Yes [<input type="checkbox"/>]	No [<input checked="" type="checkbox"/>]	TBD [<input type="checkbox"/>]
Provided estimated number of people to be affected			
Is economic displacement expected? (loss of assets or access to assets that leads to loss of income sources or other means of livelihoods)	Yes [<input checked="" type="checkbox"/>]	No [<input type="checkbox"/>]	TBD [<input type="checkbox"/>]
1193 Provided estimated number of people to be affected			
The World Bank Policy on Disclosure of Information			
Have relevant safeguard policies documents been sent to the World Bank's Infoshop?	Yes [<input checked="" type="checkbox"/>]	No [<input type="checkbox"/>]	NA [<input type="checkbox"/>]
Have relevant documents been disclosed in-country in a public place in a form and language that are understandable and accessible to project-affected groups and local NGOs?	Yes [<input checked="" type="checkbox"/>]	No [<input type="checkbox"/>]	NA [<input type="checkbox"/>]
All Safeguard Policies			
Have satisfactory calendar, budget and clear institutional responsibilities been prepared for the implementation of measures related to safeguard policies?	Yes [<input checked="" type="checkbox"/>]	No [<input type="checkbox"/>]	NA [<input type="checkbox"/>]
Have costs related to safeguard policy measures been included in the project cost?	Yes [<input checked="" type="checkbox"/>]	No [<input type="checkbox"/>]	NA [<input type="checkbox"/>]

Does the Monitoring and Evaluation system of the project include the monitoring of safeguard impacts and measures related to safeguard policies?	Yes [<input checked="" type="checkbox"/>] No [<input type="checkbox"/>] NA [<input type="checkbox"/>]
Have satisfactory implementation arrangements been agreed with the borrower and the same been adequately reflected in the project legal documents?	Yes [<input checked="" type="checkbox"/>] No [<input type="checkbox"/>] NA [<input type="checkbox"/>]

III. APPROVALS

Task Team Leader(s):	Name: Manuel Luengo	
<i>Approved By</i>		
Safeguards Advisor:	Name: Johanna van Tilburg (SA)	Date: 16-Oct-2015
Practice Manager/ Manager:	Name: Meike van Ginneken (PMGR)	Date: 19-Oct-2015