### Early Warning System

WB-P146330 NG-Electricity Transmission Project



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### NG-Electricity Transmission Project

#### **Quick Facts**

| Countries               | Nigeria                     |
|-------------------------|-----------------------------|
| Financial Institutions  | World Bank (WB)             |
| Status                  | Active                      |
| Bank Risk Rating        | В                           |
| Voting Date             | 2018-02-15                  |
| Borrower                | Federal Republic of Nigeria |
| Sectors                 | Energy                      |
| Investment Amount (USD) | \$ 486.00 million           |
| Project Cost (USD)      | \$ 490.00 million           |

#### **Project Description**

The development objective of the Electricity Transmission Project for Nigeria is to increase the transfer capacity of the transmission network in Nigeria. There are two project components. First component, Transmission network strengthening and improvement (US 408 million dollars equivalent, of which the Federal Government of Nigeria (FGN) US 4 million dollars and IDA and IDA Scale-Up Facility (SUF) US 404 million dollars equivalent, excluding contingency). This component has four sub components: (a) the upgrading and rehabilitation of up to 48 existing substations—of these, approximately 11 require the replacement of transformers, while the others require the addition (not the replacement) of transformers, and addition and replacement of protection and control systems, switchgear, and associated equipment; (b) replacement of conductor on up to 13 132 kV transmission lines and conversion of up to two 132 kV lines from single circuit to double circuit (the total length of the transmission lines is about 1,260 km); (c) the upgrading and expansion of the network's Supervisory Control and Data Acquisition (SCADA) and telecommunication systems and construction of four regional control centers; and (d) installation of static var compensator (SVC) at the remotely located Gombe substation in the northeast, which is supplied by a long 132 kV line, and purchase of spare equipment. Second component, Capacity building and technical assistance (IDA and IDA SUF US 32 million dollars equivalent, excluding contingency).

#### **Investment Description**

• World Bank (WB)



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http://ewebapps.worldbank.org/apps/ip/Pages/Home.aspx.



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#### **Bank Documents**

• Integrated Safeguards Data Sheet (Concept Stage) - NG-Electricity Transmission Project - P146330 (En Source]

[Original Source]

Nigeria - Electricity Transmission and Access Project : environmental assessment : Environmental and
 Project Information Document (Concept Stage) - NG-Electricity Transmission Project - P146330 (Englis

[Original Source]