

Gearing up for a high-voltage interconnection in Africa

Siemens, a key player in the socio-economic development of four countries

Siemens and OMVG (Organisation pour la Mise en Valeur du fleuve Gambie) have launched an ambitious project to provide a high-voltage interconnection between Gambia, Guinea, Guinea-Bissau and Senegal.

Collaboration at the core of the project

Siemens' Energy Management Division was chosen by OMVG on the strength of its ability to manage complex international projects and for its advanced- technology solutions. The future installation will comprise two control rooms, one in Sambangalou (Senegal) and the other in Kaleta (Guinea). Siemens will be responsible for this turnkey project and will provide the design, engineering,

software, testing and commissioning of the system. Siemens will assist OMVG throughout the life-cycle of the project and will work on optimizing local skills so that the organization can eventually achieve full autonomy for operating the system. Siemens' technology will ensure that the electricity is transported to the four national grids and will help to meet the region's growing energy needs.

A historical contract

It was on 29 May 2018 in Dakar that the directors of Siemens and OMVG signed the contract for this major project. Given the socio-economic benefit and viability of the project, the African Development Bank agreed to provide the funding. Siemens thus undertook to provide the network supervision system (SCADA) for the new high-voltage interconnection.

This is a historical step for these four countries in the drive to stimulate their economies.

Four governments, one project

OMVG was founded by the governments of Senegal, Gambia, Guinea and Guinea-Bissau to exploit the resources of the Gambia river basin in these four countries. The organization launched this prestigious interconnection project in 2015, with funding from the African Development Bank, to build a new high-voltage interconnection to supply electricity to the four member countries. This international collaboration is a further sign of the resurgence of the African continent, and Siemens is proud to be a part of it!

Some figures

225 kV

the voltage of the new interconnection line

15

high/medium voltage stations

2

control rooms

4

partner countries