## Grid stabilization dakar



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Become an expert at one of our 2,000 business units with local management, a high level of autonomy and real responsibilities.

The project is part of Senelec's transmission and distribution grid expansion, reinforcement and reliability enhancement programme (the 2016-2020 Strategic Plan). The EUR197 million project will take 36 months to complete and involves the cities of Dakar, Diass, Diamniadio, Thi?s, Kounoune, Tob?ne and Tambacounda.

The contract is fully financed by a banking pool made up of French and Senegalese lenders and is backed by the French authorities via a BPI Assurance Export guarantee and the Senegalese authorities via a Ministry of Economy, Finance and Planning guarantee.

The project will enhance the reliability of the Senegalese electricity grid. In Dakar, it will give the strategic city-centre neighbourhoods three new sources of supply. An extra high voltage transformer station will be built to secure the power supply in the new suburb of Diamniadio. A second transformer station will be installed in the city of Thi?s to secure the electricity supply of several towns in the vicinity. Lastly, the contract covers reinforcement of the distribution grids in Dakar, Tambacounda, Kounoune, Diamniadio and Thi?s.

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Using Power BI, a data visualization tool, Power Africa and Senelec developed a bespoke, user-friendly dashboard tool to visualize electrification rates in communities nationwide, monitor and evaluate electrification projects, as well as provide Senelec engineers and leaders with up-to-date reports.

Renewable, cleaner energy options is key to Senegal's drive to increase electricity access. Through Power Africa, the United States is providing technical assistance to help shape Senegal's Energy Transition Strategy and build a climate-smart future for all.

Senegal seeks to reach universal electricity access by 2025. Continued collaboration between Power Africa and the national electricity utility, Senelec, is helping to realize this goal. In the past year, we connected more than 200,000 consumers to the national grid.

## SOLAR PRO

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Power Africa, USAID, the Young African Leaders Initiative (YALI), and the Centre Africain d"etudes Superieures en Gestion (African Center for Higher Studies in Management) delivered the first French-language iteration of the YALI-Power Africa Young Women in African Power Leadership Training in West Africa. Forty young female professionals from 17 Francophone countries across Africa participated in the training, held in Dakar, Senegal in February and March 2020.

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