The Kédougou substation is in the Interconnection loop and will be connected to the future evacuation substation of the Sambangalou Hydroelectric Plant and to the substations of Tambacounda (Senegal) and Mali (Guinea). It transmits electrical energy from the OMVG network to Guinea and Senegal.

The Tanaff substation is in the Interconnection loop and transmits electrical energy between the OMVG and SENELEC (Senegalese National Electricity Company) networks on the one hand and NAWEC (Gambia National Electricity Company) and AEGB (Guinea-Bissau National Electricity Company) on the other.

Centre de Dispatching de repli (centre de conduite de secours) on the site of the commission the fallback dispatching equipment once the dispatching contractor (SIEMENS) will supply, install and AEGB (Guinea-Bissau National Electricity Company) and NAWEC (Gambia National Electricity Company) on the other.

Visit of the AFD Director to the Tambacounda substation on the site of the Soma Substation, 5.22 km in Senegal and 4 km in Guinea-Bissau, and 4 in Senegal.

- Interconnection line
  - 1,677 km of looped 225kV electricity transmission line, equipped with 36 pairs of optical fibres including 143 km in The Gambia, 575 km in Guinea, 308 km in Guinea-Bissau, and 701 km in Senegal
  - 15 high and medium voltage transformer substations, including 2 in The Gambia, 5 in Guinea, 4 in Guinea-Bissau, and 4 in Senegal
  - 2 dispatching and SCADA, and an Image Wall in Dakar

- Sambangalou hydroelectric development (Kédougou / Senegal)
  - 156 MW installed capacity
  - 3.7 billion m³ of reservoir
  - 107 m in height

The Energy Project / OMVG in figures (as of 28 February, 2022)
- Interconnection line
  - More than 97% completed - Full completion April 2022
    - The line’s construction has experienced difficulties related to environmental and social aspects (bypass of the Niokolo Koba National Park and Kédougou airport, etc.).

- Kédougou (Senegal) - Mali (Guinea), 59 km of which 26 km in Senegal and 33 km in Guinea
  - More than 85% completed - Full completion June 2022

- Tanaff (Senegal) - Soma (The Gambia), 95.22 km of which 90 km in Senegal and 5.22 km in The Gambia
  - More than 97% completed - Full completion April 2022
  - The line’s construction has experienced difficulties related to environmental and social aspects (bypass of the Niokolo Koba National Park and Kédougou airport, etc.).

- Soma (The Gambia) - Birkelane (Senegal), 83.8 km of which 24 km in The Gambia and 59.8 km in Senegal
  - 100% completed
  - The Kaolack - Soma line was energised on 30 September 2021.
  - The Soma - Tanaff line is scheduled to be energised in March 2022.

Technical and financial partners supporting Senegal
- French Development Agency (FDAC)
- African Development Bank (ADB)
- European Investment Bank (EIB)
- Islamic Development Bank (IDB)
- World Bank (WB/IDA)
- West African Development Bank (WADIB)
- German Cooperation Agency (GKFW)

2 substations in Soma and Brikama
167 km of 225 kV interconnection line in Gambian territory
- 143 km connecting the Brikama and Soma substations
- 18.5 Km from the Soma substation up to the Gambia-Senegal border towards the Kaolack substation
- 5.5 Km from the Soma substation up to the Gambia-Senegal border towards the Tanaff substation

33 kV for the distribution of electrical energy in the regions of Soma, Brikama and surroundings

More than 85% completed - Full completion June 2022
- The line’s construction has experienced difficulties related to environmental and social aspects (bypass of the Niokolo Koba National Park and Kédougou airport, etc.).

Visit to the Energy Project sites ... ... where are we now ?
The high-voltage lines of OMVG are at the level of a strong cooperation with the governments of Guinea, Guinea-Bissau and Senegal. The 317 km lines link Guinea, Guinea-Bissau and Senegal in 5 sections in order to facilitate the execution of the work across the three countries.

**317 km power transmission line**
- Boké (Guinea) - Salthino (Guinea-Bissau), 98 km
- Mansoa - Bissau, 35.5 km
- Mansoa (Guinea-Bissau) - Tanaff (Senegal), 74.3 km
- Bambadinca - Mansoa, 54 km
- Salthino - Bambadinca, 55.4 km

Due to the discovery of geotechnical hazards during the execution works, about forty special foundations of the micropile type will have to be eventually realized.

**technical and financial partners supporting Guinea-Bissau**
- World Bank (WB/IDA)
- West African Development Bank (WADP)
- Islamic Development Bank (IDB)
- European Investment Bank (EIB)
- African Development Bank (AFDB)

**Bissau, Mansoa, Bambadinca and Salthino transformation substations**
- More than 95% completed - Full completion March 2022
  - Bissau: Awaiting commissioning
  - Mansoa: Finishing work in progress
  - Bambadinca: Awaiting commissioning
  - Salthino: Finishing work in progress
  - The substations are each equipped with 6 x 33 kV feeders for the distribution of electrical energy in these 4 regions and the surrounding localities.

**582 km power transmission line**
- L4a. Linsan - Kaléta, 114 km
- L3b. Mali - Labé, 89 km
- L3c. Kédougou - Linsan (Guinea), 268 km

**Kédougou [Senegal] - Linsan [Guinea], 268 km**
- 85% completed - Full Completion June 2022
  - This batch straddles Senegal and Guinea and has been subdivided into 3 sub-lots (L3a, L3b and L3c) to facilitate management and implementation:
    - L3a. Kédougou [Senegal] - Linsan [Guinea], 59 km of which 33 km in Guinea and 26 km in Senegal
    - L3b. Linsan - Kaléta, 89 km
    - L3c. Linsan - Labé, 120 km

**Linsan - Kaléta - Boké, 242 km**
- 90% completed - Full Completion April / May 2022
  - This batch has been subdivided into 2 sub-batches:
    - L4a. Linsan - Kaléta, 124 km
    - L4b. Kaléta - Boké, 118 km

**Boké (Guinea) - Salthino (Guinea-Bissau), 98 km**
- 76% completed - Full Completion April / May 2022
  - The L5 batch straddles Senegal, Guinea and Guinea-Bissau.

**Technical and financial partners supporting Guinea**
- African Development Bank (AFDB)
- European Investment Bank (EIB)
- Islamic Development Bank (IDB)
- World Bank (WB/IDA)