



# Accelerating the energy transition in Southern Africa



“As a responsible and innovative industrial company, **EDF power solutions** develops, builds and operates renewable and low-carbon power plants, as well as flexibility solutions and transmission assets. Leveraging all our expertise for tailor-made offers to our clients, EDF power solutions drives the decarbonisation and global performance of electrical systems. In all our geographies, our teams are engaged each day to accelerate the energy transition.”



EDF power solutions is present in **more than 25 countries** in North America, Europe, South America, Asia, Middle East and Africa.



**Koudia**  
100 MW Wind (repowering)  
Morocco



**Benban**  
130 MW Solar  
Egypt



**Biovéa**  
46 MW Biomass  
Côte d'Ivoire



**Off-Grid**  
30 MWp  
2.7 M people powered



**Nachtigal**  
420 MW Hydro Dam  
Cameroon



**South Africa**  
1.5 GW Wind, Solar, Battery  
(under construction)



In Africa, EDF power solutions is developing and operating projects in **Morocco, Egypt, Cameroon, Côte d'Ivoire, Malawi, Madagascar, Zambia** and **South Africa**.

# Integrated skills and expertise

EDF power solutions is active across the entire value chain.



**Project development and origination**



**Business development and investment**



**Construction management**



**Asset management / O&M**

## Multi-technology expertise



**Wind**



**Hybrid technology**



**BESS  
Battery Energy Storage Systems**



**Solar**



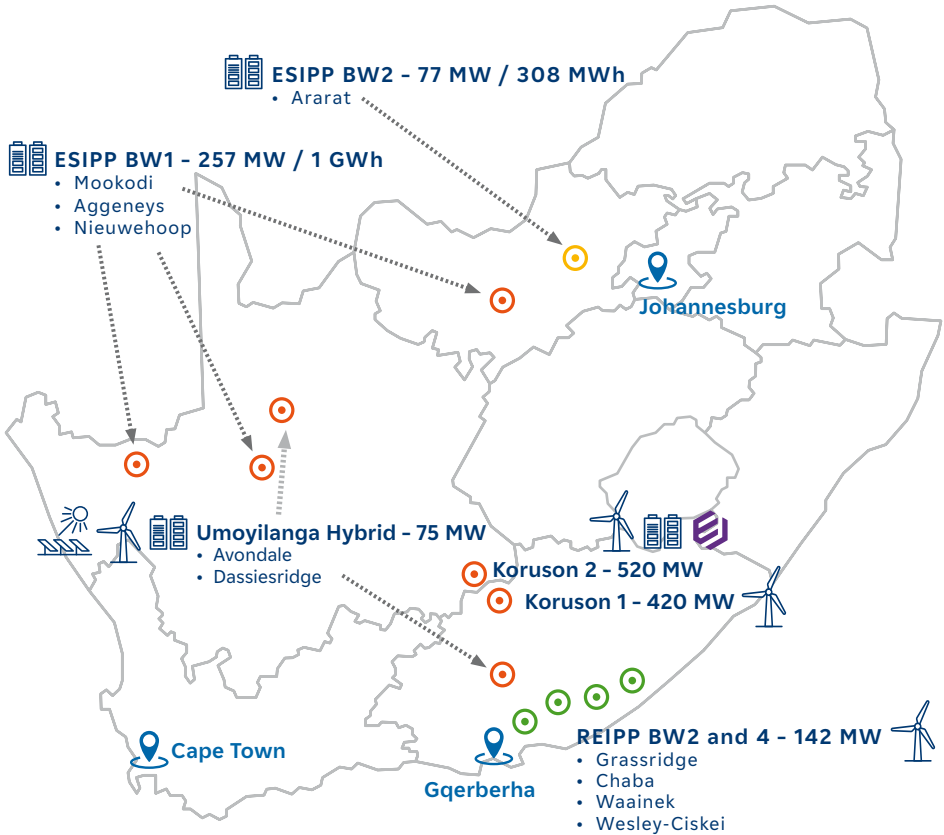
**Hydropower and pump hydrostorage**



**Biomass**



# Projects in South Africa



## 142 MW

Assets in operation

## 1.5 GW

Assets under construction

## 3-5 GW

Development target through **Envusa Energy** by 2030

Operational project

Project under construction

Project in closing stage

Envusa project

EDF offices

# Operational projects



## Grassridge Wind Farm

- **Location:** Nelson Mandela Bay Municipality, Eastern Cape.
- **Specifications:** 20 x Vestas V112 – 3.075 MW turbines
- **Capacity:** 61.5 MW
- **COD:** June 2016

## Chaba Wind Farm

- **Location:** Komga, Great Kei Municipality, Eastern Cape.
- **Specifications:** 7 x Vestas V112 – 3 MW turbines
  - **Capacity:** 21 MW
- **COD:** September 2015



## Waainek Wind Farm

- **Location:** Makana Municipality, Eastern Cape.
- **Specifications:** 8 x Vestas V112 – 3.075 MW turbines
- **Capacity:** 24.6 MW
- **COD:** January 2016

## Wesley-Ciskei Wind Farm

- **Location:** Former Ciskei, Eastern Cape
- **Specifications:** 10 x Vestas V126 – 3.45 MW turbines
  - **Capacity:** 34.5 MW
- **COD:** September 2021



# Projects under construction



EDF power solutions is currently constructing 1.5 GW of power generation capacity in South Africa.

Current construction is taking place at 11 sites across the Northern and Eastern Cape Provinces.



## Oasis 1



**3 Oasis 1 Battery Energy Storage System (BESS) projects in the Northern Cape Supply Area, totalling 257 MW of capacity and 1 028 MWh of storage:**

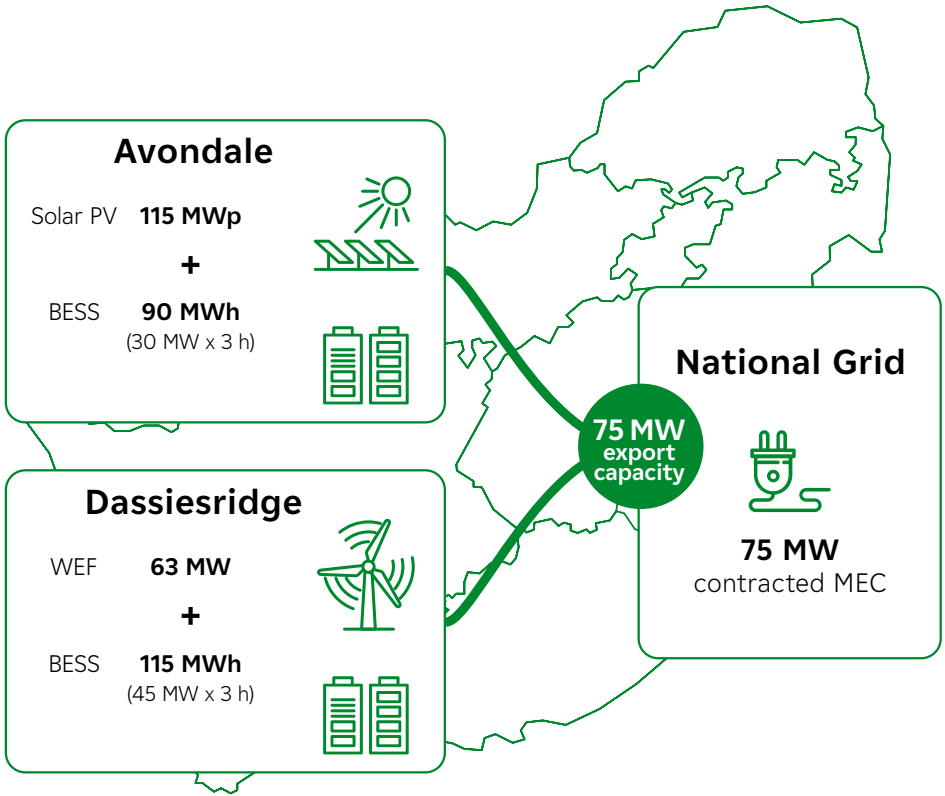
- Oasis Mookodi (77 MW capacity, 308 MWh storage)
- Oasis Aggeneys (77 MW capacity, 308 MWh storage)
- Oasis Nieuwehoop (103 MW capacity, 412 MWh storage)



**Awarded** in the first round of South Africa's Battery Energy Storage Independent Power Producer Procurement Programme (BESIPPPP).



**Developed** by EDF power solutions in collaboration with Mulilo, Pele Green Energy and Gibb-Crede.



## Umoyilanga



**A virtual hybrid power plant, Umoyilanga will deliver 75 MW of dispatchable power**, combining 115 MW of solar PV, 63 MW of wind power and 75 MW of battery storage spread across two sites 900 km apart in the Eastern and Northern Cape:



- Dassiesridge WEF (63 MW) and BESS (45 MW x 3h)
- Avondale Solar PV Farm (115 MW) and BESS (45 MW x 3 h)



**Awarded** in the Risk Mitigation IPP Procurement Programme (RMI4P).



**Developed** by EDF power solutions in partnership with Perpetua Holdings (Pty) Ltd.



## Koruson 1



**3 Wind Energy Facilities on the border of the Eastern and Northern Cape, with a total installed capacity of 420 MW:**

- Phezukomoya WEF (140 MW)
- San Kraal WEF (140 MW)
- Coleskop WEF (140 MW)



**Awarded** in Round 5 of the Renewable Energy Independent Power Producer Procurement Programme (REIPPPP).



**Developed** in partnership with H1 Holdings, GIBB-Crede and a local community trust.





## Koruson 2



**2 Wind Energy Facilities and 1 solar farm, on the border of the Eastern and Northern Cape, with a total generation capacity of 520 MW:**



- Umsobomvu WEF (140 MW)
- Hartebeesthoek WEF (140 MW)
- Mooi Plaats Solar PV Farm (240 MW)



**Developed** by EDF power solutions in partnership with Anglo American, under their joint venture, Envusa Energy, with a 20% equity investment by Pele Green Energy (Pty) Ltd alongside a local community trust.



# Projects awarded



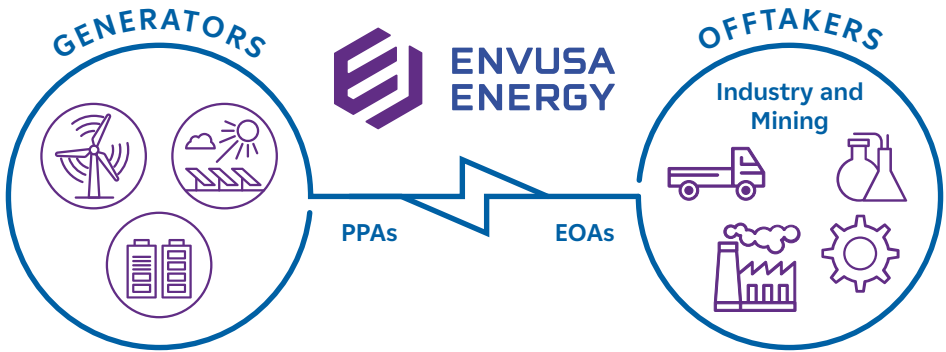
## Oasis 2

EDF power solutions was awarded OASIS 2 Ararat (77 MW capacity with 308 MWh storage) in the 2nd Bid Window of the Battery Energy Storage Independent Power Producer Procurement Programme (BESIPPPP) in December 2024. This project is currently working towards financial close.

## Community

Creating jobs and small-business opportunities through entrepreneurial programmes and the use of local resources.

- Approximately 40% of our projects' value will comprise South African goods and services.
- Approximately 1% of revenue generated by the projects over their contractual period will be applied to socio-economic development initiatives for nearby local communities.



## Corporate client platform

**EDF power solutions** entered into a joint venture with **Anglo American** in 2023 to supply the private sector in southern Africa.

**Envusa Energy is the leading Renewable Energy Trading Platform in South Africa, servicing the C&I market in mining and heavy industrials. It aims to develop a 3–5 GW renewable energy ecosystem by 2030.**

“Our projects contribute significantly towards meeting the energy needs of South Africans, both through government programmes and through private channels via Envusa Energy.”

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Tristan de Drouas, South Africa Director, VP Southern Africa, EDF power solutions.

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