



# HYBRID & THERMAL POWER PLANTS

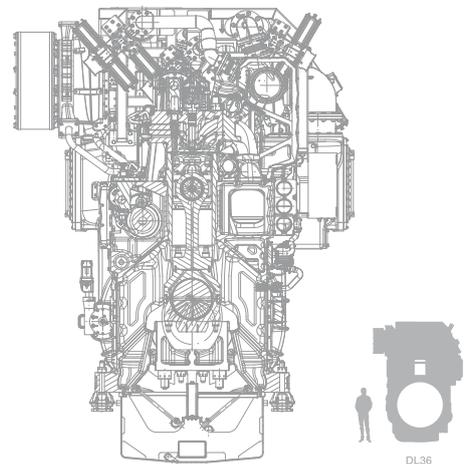
Power generation requires a fuel energy source. The efficiency of processing fuel into electricity with **minimal environmental impact** will determine the most attractive solution.

**ABC CONTRACTING** is a major player in providing turnkey EPC (Engineering, Procurement & Construction) **projects for the energy industry in Africa**. Our design and project management expertise, stemming from our **highly skilled engineers and experts** in all technical fields, allows ABC CONTRACTING to build a turnkey project from start to finish, such as independent thermal & hybrid power plants.

**ANGLO BELGIAN CORPORATION** medium speed engines are renowned for their reliability, low fuel consumption and easy maintenance. They are built by our Group and they continually run below 1000 rpm. These features are more than just technical advantages as they also result in financial savings thanks to less fuel consumption, fewer spare parts

and less repairs compared to high speed engines. Fuel flexibility and respect for the environment are keywords associated with **ABC CONTRACTING**. In order to adapt to the environment while respecting it, we have developed power plants operating on alternative fuels such as HFO, Dual Fuel, vegetable oil or animal fats.

Your **costs savings** and the protection of our planet are our priority. We will be happy to help you evaluate the best power solution based on your OPEX and project life cycle cost.



## HYBRIDISATION EXPERTISE

Turnkey **hybrid** power plant solution

- Hybridisation with **solar panels**
- Hybridisation with **wind**
- Hybridisation combining **solar & wind**

Possibility of **cogeneration**

Possibility of **biogas**



# POWER EVERYWHERE

Electricity is the base of any major civil, industrial, mining or military major project. In many areas this power is not readily available, and possible solutions can take years to develop. In these cases, it is necessary to develop a power source as soon as possible. ABC CONTRACTING offers :

- » **Containerized solutions** : The system includes not only the power units but also fuel treatment systems and electric switchgear, all integrated in containers.
- » Installation in very challenging conditions and location thanks to our experienced team.
- » ABC CONTRACTING has a team of dedicated engineering specialists ready to carry out the feasibility studies and size the project based on your needs in order to find the perfect solution for you !



Hybrid Power Plant in Kiffa (MRT)



Thermal Power Plant  
Kintele Stadium 10MW (COG)



Thermal Power Plant Brazzaville  
32MW (COG)



Thermal Power Plant Ouesso 1MW (COG)



Containerized Genset ABC (TZA)



Thermal Power Plant  
Madingou 2MW (COG)

\* Ultimately, the development of a version of the ABC V-engines will see the 12DV36 and 16DV36 models, which will produce up to 10MW per group and which will target the power plant market up to 100MWe.

## CONTACT

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ABC CONTRACTING  
certification  
ISO 9001:2015  
is in process

ISO 9001 : 2015  
BUREAU VERITAS  
Certification

