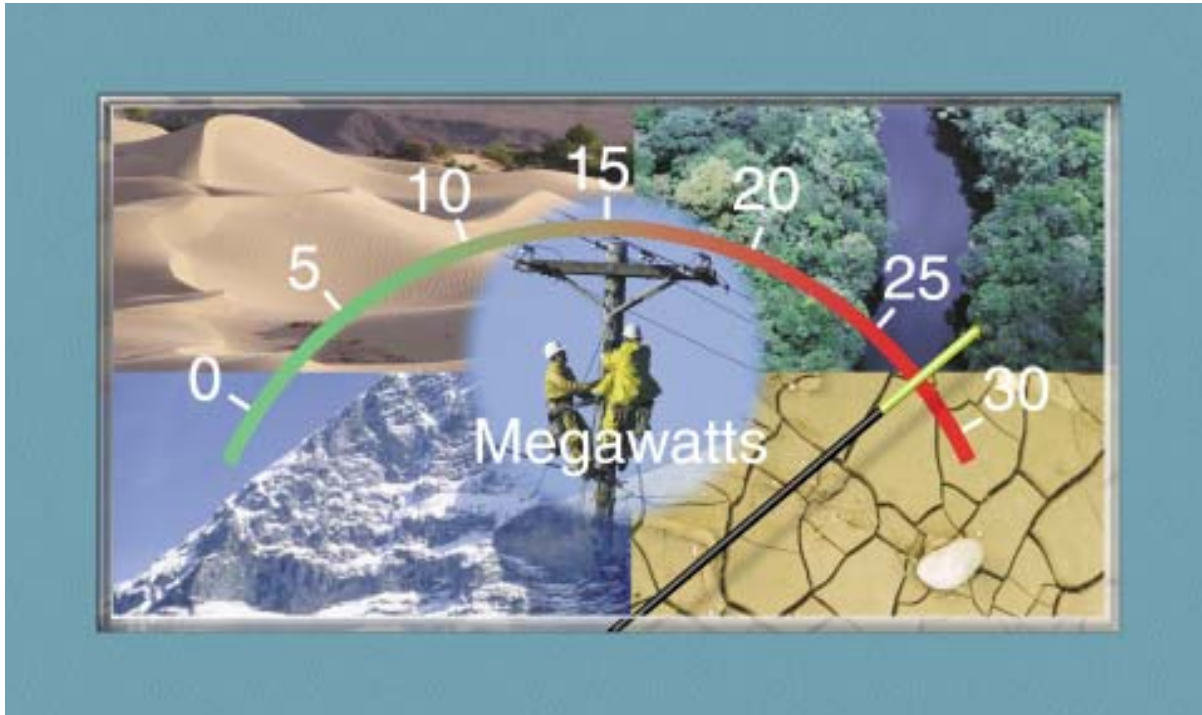


Cummins Power Projects

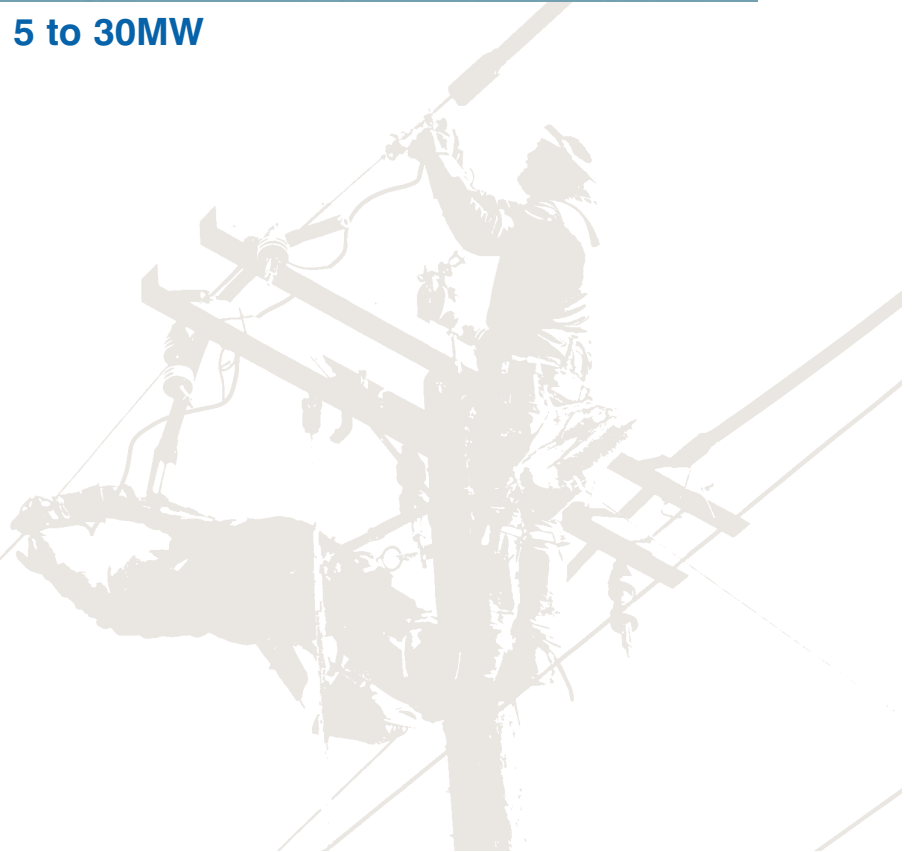


**Power
Generation**

Power on demand



Diesel power plants from 5 to 30MW





Cummins Power Projects

The rapid response to power shortages

The demand for power

The requirement for power is growing fast; investment in industry, essential to a country's growth and infrastructure is making heavier and heavier calls on established utilities.

Major investment is required to satisfy this demand and, just as importantly, time is required to extend existing utilities, time when the demand continues to grow.

The Power to Build Power

Cummins Power Projects has a fast, flexible and efficient solution to the problems of growing base load demand:

With containerised mini-power stations, designed to operate in parallel with, or independently of, the local utility, 5 to 30 MW of power can be supplied very quickly, managed and maintained by Cummins.



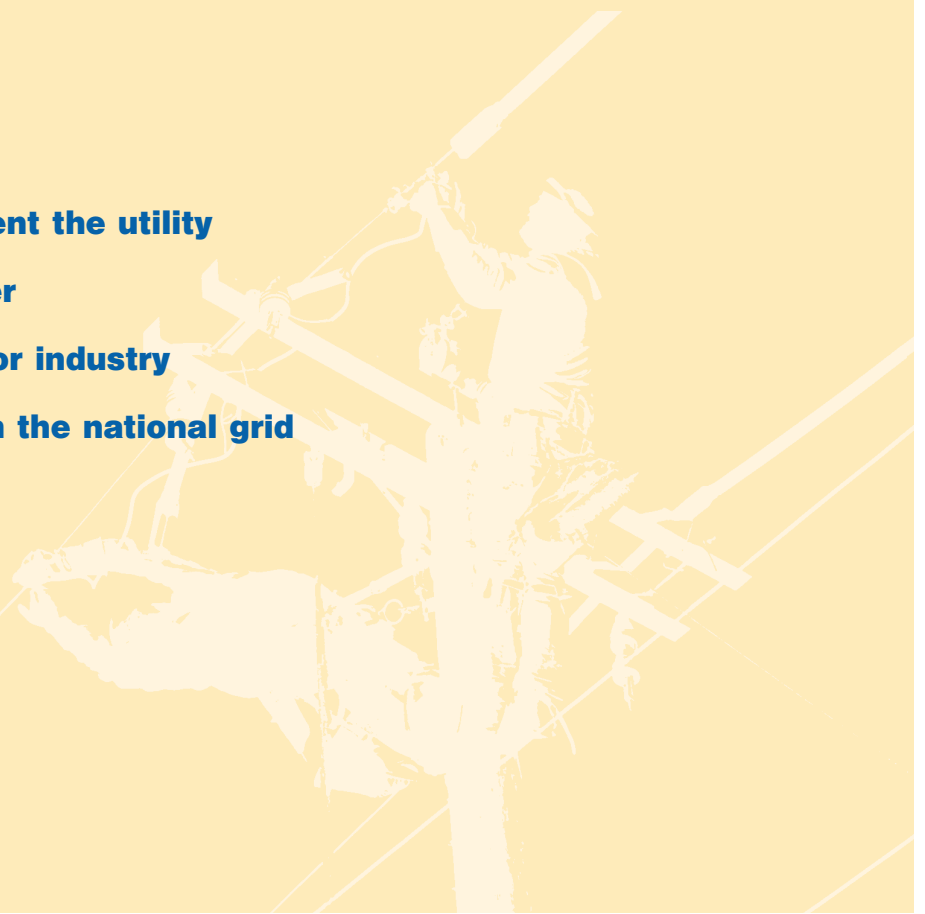


Power to supplement the utility

Peak lopping power

Base load power for industry

Power remote from the national grid





Cummins Power Projects

World wide expertise

Long Term commitment

With their extensive experience and continuous application development, Cummins is able to provide their customers with all the assistance and expertise needed over the entire life-time of the project, which can be up to 10 years with build-operate-transfer arrangements.

Total Package

The Cummins power plant package includes feasibility study, engineering, equipment and technical support. The overall concept also offers financial

solutions such as third party financing, leasing or straight purchase of kW/hrs

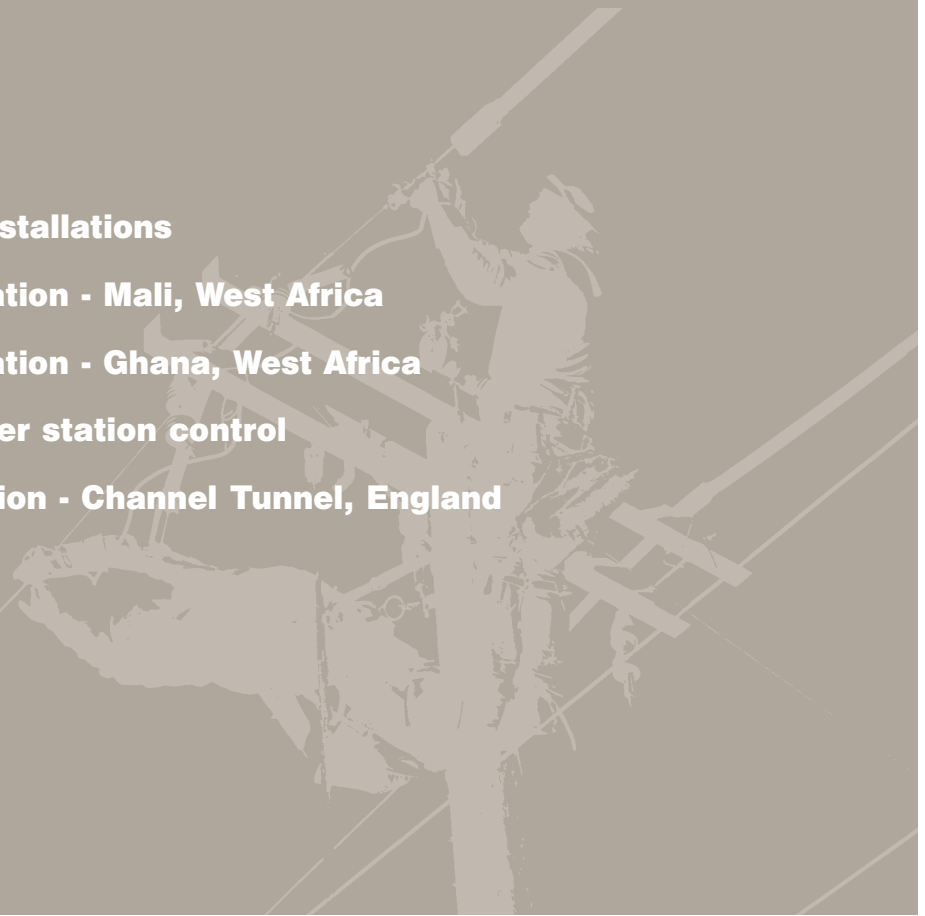
Proven Product

Cummins experience in base load technology guarantees the highest degree of functionality and efficiency. The engines are designed to run continuously on full power for extended periods, but are also well suited to varying load requirements. Extended component lifetime and reduced maintenance requirements are designed in.





- ① Power station installations
- ② 19MW power station - Mali, West Africa
- ③ 30MW power station - Ghana, West Africa
- ④ Centralised power station control
- ⑤ 5MW power station - Channel Tunnel, England





Cummins Power Projects

Single source - peace of mind

One Source

Cummins Power Generation are part of the world wide Cummins Engine Company, the largest manufacturer of diesel engines over 200hp. All the components used are designed and manufactured by Cummins companies.

Engines, alternators, control systems are all engineered to provide a fully integrated generating set, designed for continuous duty, long life and reliability.

Total Responsibility

Cummins project responsibility covers organising shipping, transportation to site, off-loading and all civil work including the construction of fuel storage tanks and installing instrumentation and power cables.

As the power station is constructed from standard modules and components customised to specific needs, extending is a simple matter of bolt-on additions.

State of the art control systems 'Power Command Control' and 'Digital Master Controller' allow the power station to be quickly put into operation and simply operated.

Lifetime Protection

The backing of Cummins Engine Company does not end on completion of the Power Station building. Cummins Power Generation operate and maintain the power station for the duration of the contract. The local country Cummins Distributor is a key player in the in-country operation.



Cummins Power Projects

Available

Fast track delivery
No buildings required
Pre designed total system solution

Economical

Competitive fuel consumption
Load demand controls for optimal efficiency

Flexible

Containerised solution
Fast installation
Easy to extend or relocate to a new site
Designed for local operating conditions

Reliable

Proven design for base load operation
Integrated product
On-site, in-country investment providing O&M
Reserve sets for scheduled maintenance
Additional sets for emergency cover





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