

Consolidated Financial Highlights 2011-12

NET SALES AND SERVICES

Rs. 11,249 crore

EARNINGS BEFORE INTEREST. DEPRECIATION, TAXES AND AMORTISATION

Rs. 856 crore

PROFIT BEFORE TAXES

Rs. 550 crore

PROFIT AFTER TAXES, MINORITY INTEREST & SHARE OF ASSOCIATES (NET)

Rs. 374 crore

RETURN ON CAPITAL EMPLOYED

12.9%

RETURN ON NET WORTH

10.5%

CONSOLIDATED NET SALES

Rs. 7,315 crore

Rs. 2,134 crore

Rs. 1,820 crore

ONE CG. From generator to bulb, all



across the globe.



ONE CG. Smart solutions from design

SMART SOLUTIONS AND SMART SERVICES

CG s Systems & Solutions business has uniquely packaged the competencies assimilated through separate acquisitions over the years to provide comprehensive turnkey solutions to its customers. CG s Service Division offers a complete suite of asset management and condition-monitoring solutions. Combined with leading-edge products, CG offers one-stop-shop solutions to utilities and industries for their power solutions needs, building trusted long-term relationships.

Power County wind farm, Idaho

CG Power Solutions USA executed CG's first end-to-end total solutions project comprising project development, engineering, procurement and construction (EPC) and site management of the Power County wind farm in Idaho, USA, with a total generating capacity of 45 MW. The project cost was USD 98 million and was totally funded by CG. Cutting-edge project management ensured timely delivery as per committed deadlines. At full capacity it will provide clean power to 45,000 homes in California and Washington States.

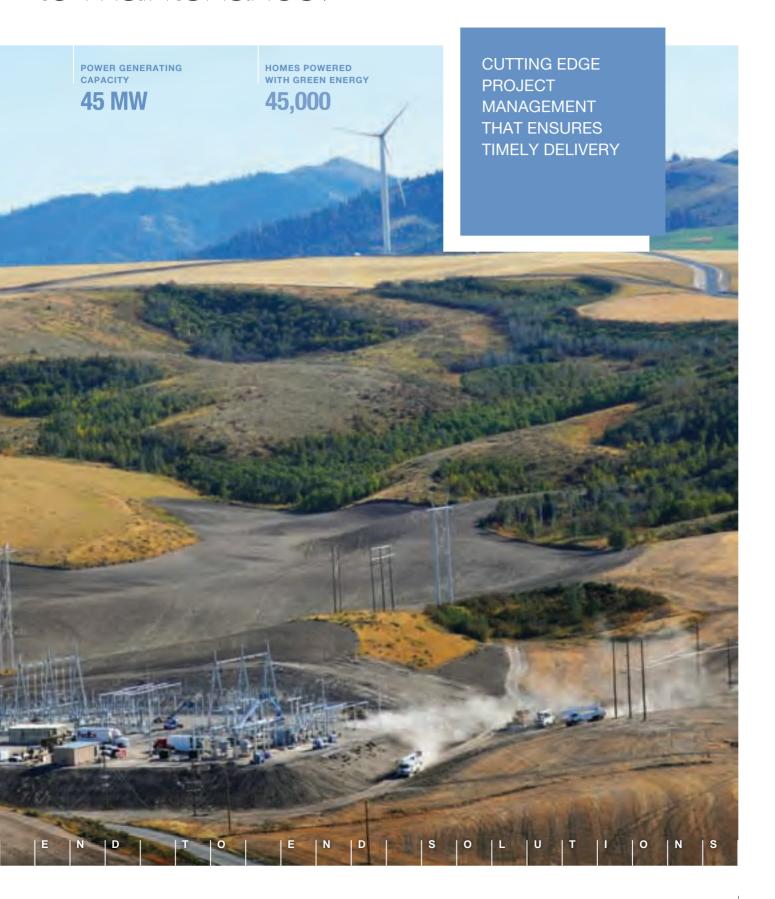
CG s service operations

Seen in the inset is the service of a shell transformer for Rio Tinto in Charleroi, Belgium. Eight layers of the windings were repaired in a record time of 14 weeks to the great satisfaction of the client.





to maintenance.



ONE CG. Smart solutions to connect

HOW WE RE BUILDING A SUSTAINABLE BUSINESS

The focus on energy generation from green sources has provided CG with another arena for the supply of our specialist design, installation and commissioning services. Our range of capabilities within the T&D networks allow us to provide a complete solution for the construction and supply of offshore sub-stations required for offshore wind parks and connections to the onshore grid, thus playing a vital role in the fight against climate change.

Belwind, Belgium

CG commissioned its first offshore substation in 2010 connecting a 165 MW wind-farm developed by Belwind, located 50 km offshore in the coastal waters of Belgium. With the success of this substation integration, CG has carved itself a niche within this market. CGs Systems divisions of Belgium & UK have come together to secure prestigious orders for a number of upcoming offshore wind-farms in Europe, including Humber Gateway (UK), Amrunbank and Butendiek (Germany).

Solar Farm, Niland USA

During the year, CG also executed engineering and commissioned supervision of its maiden 27.8 MW Solar power plant in Southern California, USA. CG has also developed and launched a new four winding transformer for the solar market.





with the green grid, on land or sea.



ONE CG. Big is beautiful: How great

HIGH VOLTAGE. HIGH TECH.

CG has been in the forefront of technology development, with its enviable pool of talented engineers.

765 kV sub-station for UPPTCL. India

CG commissioned its first 765 kV substation (see inset image) for Uttar Pradesh Power Transmission Corporation (UPPTCL) in 2011-12. This is the highest operating voltage level presently used in India and facilitates power to be carried over longer distances at a low loss.

The 765 kV technology which was applied for the project, originally existed in the Hungarian plant of CG. It was successfully adapted to meet the requirement of the Indian markets. Engineering teams from Indian and Hungarian operations worked extensively to create efficient designs for this project.

1200 kV National Test Station for PGCIL, India

As a next step, CG has also partnered with Power Grid, India in developing its next generation of transmission voltages of 1200 kV UHVAC. The National Test Station at Bina is presently testing samples of grid hardware required for 1200 kV transmissions, from reputed manufacturers. CG has supplied three products to the Test Station a Transformer, a CVT and a Surge Arrestor. All have been successfully test charged.





power can travel great distances.

