

REFERENCE CASE POWER PLANT



Extensive Safety Inspection Services for the Leading Power Provider in Philippines

Global Business Power Corporation, together with its subsidiaries, independently produces power for the Visayas region in the Philippines. The company is committed to ensure secure and reliable energy sources. That is why they entrusted TÜV Rheinland with the comprehensive safety assessment of the Visayas power plants.

Basic Facts	
Client	Global Business Power Corporation
Involved companies	<ul style="list-style-type: none"> ▪ Toledo Power Company ▪ Cebu Energy Development Corporation ▪ Panay Power Corporation ▪ Panay Energy Development Corporation ▪ GBH Power Resources Inc.
Timeframe	May 2013 - July 2013
Project location	Visayas region and Mindoro Island in Philippines
Main services	Extensive safety inspection services <ul style="list-style-type: none"> ▪ Safety assessment of diverse areas in each plant ▪ Occupational health and safety services ▪ Review of the design/structure of the plant
Involved regulations/standards	Philippine OH&S standard and general safety practices

Initial situation and requirements

The umbrella GBPC energy group currently owns and operates nine clean coal-fired power and diesel power plants. With total capacity of 627 MW, the company serves various electrical needs in the Visayas region and on Mindoro Island. Founded in 2003, Global Business Power Corporation is based in Makati City, the Philippines.

GBPC is one of the leading electricity providers in central Philippines and owns the largest clean coal-fired power plant in Cebu province with an individual 246 MW capacity located in Toledo City, Cebu. The plant supplies power to private utility companies, export and industry zones, mining and industrial companies as well as electric cooperatives.

Being one of the major players in the energy industry, Global Business Power Corporation has significant responsibility to provide trouble-free and reliable energy sources through safe and healthy operational conditions. The company required comprehensive safety assessment of all nine regional facilities to determine compliance with the requirements stipulated in the Philippine OH&S standard and general safety practices.

Solutions, results

The extensive safety assessment covered all the relevant areas and considered personnel, environmental, health, plant protection, equipment and component factors. Six experienced and well-qualified assessors from the areas of mechanical and electrical safety and occupational health and safety carried out the inspections and demonstrated TÜV Rheinland professionalism. These experts prepared all relevant documentation, including separate reports for each of the nine facilities and an executive summary covering the entire project.

Thanks to our extensive experience in plant safety services and the high professionalism of the inspections, Global Business Power Corporation energy group facilities were assured functional and safe.

Did you know?

GBPC has several projects specifically targeting social responsibility including medical missions, feeding programs conservation and restoration of forestland and alternative work programs.

Benefits for the client

TÜV Rheinland helped Global Business Power Corporation by providing:

- All the necessary safety assessment services from one source.
- Extensive inspection services to improve the safety and quality of each individual plant working environment.
- Tailored solutions to ensure production efficiency and performance.
- Documented procedures for inspection methods based on international standards.
- Preparation and review of safety reports and documentation for each plant, guaranteed compliance with the requirements of industrial safety and health regulations.

About TÜV Rheinland:

Founded more than 140 years ago, TÜV Rheinland is a global leader in independent inspection services, ensuring quality and safety for people, the environment, and technology in nearly all aspects of life.

We inspect technical equipment, products and services, oversee projects and help to shape processes for companies around the world.

Since 2006, we have been a member of the United Nations Global Compact to promote sustainability and combat corruption.

Due to our comprehensive knowledge and experience in the field of safety assessment services, we can help you to ensure plant safety and reliability.

Our plant safety experts offer a variety of services to help you implement operational safety throughout the entire life-cycle of your plants.

Your contact:

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