

Case Study: Dubai Electricity and Water Authority (DEWA)

DEWA is responsible for the production, transmission and distribution of electricity and water supplies in Dubai serving about 652,200 electricity customers and 580,678 water customers.



Key fact summary

- Zero environmental violation
- Cost savings from electricity and water conservation
- Improved reputation

Products

- Five Star Environmental Audit
- Achieved a Globe of Honour Award
- Utilised British Safety Council environmental training courses
- International member since 1998

Business issue

DEWA worked with British Safety Council because it is an internationally well reputed professional body in the field of health, safety and environmental. DEWA wanted to share and learn from international best practices with regard to the environment, in addition to improving the environmental awareness level of its employees.

What happened?

The Five Star Environmental Audit helped DEWA to find out where the organisation was and what the strengths and weaknesses were as well as identifying the areas for improvement. DEWA took into consideration the Auditor's valuable recommendations for implementation.

DEWA also conducted regular training sessions to all employees, in order to improve the environmental awareness level as well as raising the competency level of the environmental coordinators.

Impact

- DEWA benefited from maintaining a sustainable, environmental system with zero environmental violation and NCRs from the regulatory bodies and during the external and internal audits as well as improving DEWA's image by winning British Safety Council awards.
- Saved a large amount of money whilst protecting the environment and natural resources, for example the electricity and water conservation campaigns to the public had resulted in saving 1,011,911,375 Kwhr electricity and 4,914,195,189 Imperial Gallons water from 2009 - 2013, which lead to saving around 662,086,628 Dirhams and 466,491 CO2.
- DEWA also benefited from the reduction of its electrical line losses (3.53 %) and reduction of unaccounted water losses (11.13 %), where the estimated net cumulative reduction of CO2 from 2002-2013 was 3 million tons in which the estimated net total saving was 1500 Million Dirhams.

Size

9,383 employees, 9 Divisions, 126 Departments

Location

Dubai, UAE

Sector

Energy and utilities



The British Safety Council as an internationally well reputed professional body in the field of health, safety and environmental management has helped DEWA

Mr. Nasser Al Shaiba

Director – HSE/QC

Supreme Council of Energy

