



# Etihad ESCO Retrofit Project

## Energy Efficiency, United Arab Emirates

### | The challenge

Etihad ESCO is a DEWA venture that was established in 2013 to make Dubai built environment a leading example of energy efficiency for the region and the world. As a Super ESCO (Energy Service Company), it enables the energy performance contracting market in Dubai by developing energy efficiency projects targeting more than 30,000 buildings.

This tender for an Energy Savings Performance Contract launched by Etihad ESCO aimed at selecting a private partner to deliver guaranteed energy savings for seven DEWA buildings through an energy retrofit program with a maximum payback of six years.

### | Enova's solution

Under this comprehensive results-based contract, we first audited the facilities, identifying energy conservation measures, then implemented them and now operate, maintain the MEP equipment, providing DEWA with detailed reporting from our Energy Saving Centre on the energy efficiency of the infrastructure. Enova shows the strongest commitment towards results, guaranteeing 31% of energy savings/year.

We undertook audits of each of the 7 buildings, completed condition and thermography surveys and then launched a metering campaign enabling Energy Conservation Measures. Enova then engaged the operational phase scheduling O&M.



Dubai, United Arab Emirates



#### Contract

Date: 2015

Type: EPC

Sector: Electricity and water utilities

7

buildings

including the DEWA Head Office

45

Energy Conservation Measures implemented

31%

guaranteed energy savings

## | Benefits

- 31% of energy savings per year
- Over 2 million AED saved per year

Enova manages DEWA's facilities and energy affecting directly the business's bottom-line. This transfers DEWA's risk and exposure to unplanned financial costs and enables the organization to focus on its core business.

Through this performance contract, Enova provides accurate information highlighting a wide range of outcomes that can be measured. This realistic approach of Energy & Facilities Management translates into:

- Improved profitability
- Increased competitiveness
- Reduced risk profile
- Greater sustainability of services and assets
- Enhanced "green" image

DEWA does not only benefit from being positioned as a leader in delivering low carbon footprint infrastructures but can also communicate on financial, environmental and social KPIs placing them in line with the UAE's Energy Efficiency Strategy.

"DEWA is proud to lead by example by implementing energy efficiency through the innovative energy performance contracting model which is new for the region and the partnership with Etihad ESCO will further drive public-private partnerships that support the vision of making Dubai a leading example of energy efficiency for the region and the world."

**HE Saeed Mohammed Al Tayer**

Vice Chairman of the Dubai Supreme Council of Energy  
Managing Director and CEO of DEWA



**31%**  
guaranteed energy  
savings



**Over 2 million AED**  
saved per year



**Building Energy**  
Efficiency Services