Harnessing solar energy
to power facilities
Renewable Energy Services

MANAGING PERFORMANCE IN REAL-TIME
Enova’s Performance Management System is our operational management tool to achieve the utmost performance on output-based contracts. Our site managers monitor the performance of the solar PV plant in real-time against a set of key Performance indicators defined with the customer, such as performance ratio, monthly energy production, and plant availability.

As soon as a drift is detected, the manager takes corrective action so that there is no impact on solar energy production. The system is fully integrated with our asset management tools to provide real-time reporting to our customers.

CASE STUDY
Majid Al Futtaim malls
Majid Al Futtaim has entrusted Enova with installing solar PV plants at three of its malls – Mall of the Emirates, City Centre Mirdif and City Centre Fujairah – to deliver expected savings of AED 80 million.

Under this deal, about 12,500 panels will be installed across the buildings by December 2017, covering an area of 25,000 square meters, including 1,020 car ports.

The solar PV plants are set to cut the three malls’ carbon dioxide emissions by 3,200 tons per year – the equivalent of taking 700 cars off the road – and will enable Majid Al Futtaim to generate 6,000 MWh of electrical energy annually, earning it points with the LEED certification system (Leadership in Energy and Environmental Design), the globally recognised green building benchmark.

This scheme supports Majid Al Futtaim’s Net Positive Strategy, which aims to slash water and energy consumption, thus creating more of these resources than they consume, in order to achieve a positive corporate footprint by 2040.

12,500 solar panels to be installed
Over an area of 25,000 sqm
AED 80m expected savings
Carbon emissions reduced yearly by 3,200 tons
Equivalent to 700 cars taken off the road
6,000 MWh of electrical energy generated annually

Sustaining your growth
Enova
P.O. Box 22707, 2nd Floor City Centre Offices, City Centre Deira Complex
Dubai, United Arab Emirates
Tel. +971 4 203 8111 | Fax. +971 4 203 8112
www.enova-me.com | Ahlan@enova-me.com

Photo credits: Photothèque VEOLIA - Christophe Majani d’Inguimbert
Graphic Design: L’ART EST NET

Weekly PV plant energy production vs. building consumption
CEO Foreword

Everyday throughout the Middle East, Enova delivers Facilities & Energy Management services to meet the challenges faced by our customers across the private and public sectors. Our expertise allows our clients to focus on their core business and achieve their best performance, while reaching their environmental objectives.

As part of our Energy Management solutions, Enova has developed a renewable energy offer based on solar power, largely available in the region. Solar power can be harnessed through solar photovoltaic (PV) plants. As part of its business, Enova has established a team to install, operate, run and maintain this kind of renewable energy source. Our solar photovoltaic solutions can complement each of our customer-specific offers to match the energy needs of all types of facilities: shopping malls, transportation hubs, healthcare facilities, industrial plants, warehouses, and more.

Who we are

Enova, the regional leader in energy and multi-technical services, was established in 2002 as a joint venture between Majid Al Futtaim and Veolia. The company was first certified by the Dubai based Supervision Bureau in April 2014, thus reaffirming its pioneering position in the region's blooming energy performance market.

Where we are

Enova has developed innovative business models to accommodate the different objectives of our clients. In all cases, our innovative business models present advantages: guarantees, predictability, and flexibility. They are designed to enable our clients to focus on their core business and achieve their best performance, while reaching their environmental objectives.

As part of our Energy Management solutions, Enova has developed a renewable energy offer based on solar power, largely available in the region. Solar power can be harnessed through solar photovoltaic (PV) plants. As part of its business, Enova has established a team to install, operate, run and maintain this kind of renewable energy source. Our solar photovoltaic solutions can complement each of our customer-specific offers to match the energy needs of all types of facilities: shopping malls, transportation hubs, healthcare facilities, industrial plants, warehouses, and more.

INNOVATIVE BUSINESS MODELS

Enova has developed innovative business models to accommodate the different objectives of our clients. In all cases, we provide engineering, procurement, installation, commissioning, operations and maintenance.

INTEGRATED SOLAR PV SOLUTIONS

Environmentally-friendly, cost-effective and highly reliable, PV solar power is the type of renewable energy most suited to Middle East's needs.

TAILORED SOLAR PV SOLUTIONS TO MINIMIZE ENERGY COSTS

Energy consumption patterns vary from one building to the next, depending on age, location, design and layout. In the Middle East & North Africa region, buildings face particularly extreme temperatures, constant exposure to sand and dust, and high levels of solar irradiation all year round.

Within the context of an Energy Performance Contract, Enova relies on solar photovoltaic plants as an effective solution to complement Energy Conservation Measures, thus reducing energy consumption costs and balancing the energy mix. We deliver tailored solar PV solutions that integrate the specific constraints and capabilities of each building and their environment, while strictly complying with local regulations and client requirements.

Our one-stop shop offer covers the whole life cycle of solar PV plants to maximise buildings’ energy efficiency, guarantee significant savings for our clients, and support their sustainability strategy.

Roof-top Solar PV Plants

• The plant covers the full investment and operational risks for the owner, including O&M, Care and Savings
• The plant covers the full investment and operational risks for the owner, including O&M, Care and Savings
• The plant covers the full investment and operational risks for the owner, including O&M, Care and Savings