COMPANY PROFILE

# E-Mobility Solutions

GREENER
Energy Saving Solutions
BY IHCC

# About **GREENER** by **IHCC**

GREENER by IHCC has been one of the leading local companies in the field of sustainability and energy efficiency. Our areas of expertise  nclude green buildings, energy efficiency, solar energy, EV charging, and specialized commissioning services.

- We have been acting as a LEED/green building consultant for multiple prestigious projects in Saudi Arabia, helping the developer/project team to achieve green building certificates like LEED and WELL.

- As a licensed ESCO (Energy Service Company) by the Saudi Energy Efficiency Center and Tarshid company, we serve as an ESCO for different types of clients including commercial, education, and residential projects to study and implement energy saving solutions for existing buildings.

- When it comes to solar energy, we are an authorized solar installer in Saudi Arabia and registered under Shamsi portal, and we have track records in both solar PV and solar water heating projects.

- For Commissioning, we provide specialized commissioning services that have to do with green buildings and energy efficiency such as blower door testing, indoor air quality, thermal imaging, and others.

- Last but not least, we are leading the Saudi market in the field of EV charging as we have installed the majority of the EV chargers in Saudi Arabia so far, serving highly diverse portfolio of clients like commercial, residential, automobile showrooms and workshops, educational, gas stations, and data centers.

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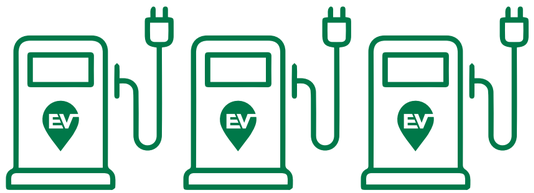
# EV Charging

## Quick Background

More adoption of EVs will help reducing the carbon emissions compared to the traditional vehicles with internal combustion engines and therefore it is better for the environment. For EV drivers, it is crucial to have EV infrastructure ready at all levels including homes, workplaces, commercial buildings, charging servicing stations, and public areas.

## EV Charging Levels

Depending on the speed of charging, there are three standard charging levels. AC Level 1 is the slowest using the AC mains power whereas AC Level 2 is much faster utilizing AC chargers with power ranging from 7 to 22 kW reducing the charging time from 20+ hours in case of AC Level 1 to the range of 4 to 8 hrs. Level 3 is DC fast charging utilizing high DC power ranging from 24 to 350 kW and in this case charging 80% or more of the battery will take only 15 to 45 minutes.




**Fast Charging**

**Public charging & retail**

15 - 45 Minutes

**Level 2 Charging**

**Best for work & multifamily**

5 - 6 Hours

**Level 1 Charging**

**Best for homes**

20+ Hours

# About **EV Charging Service**

**EVspots provides full EV charging solutions needed to  acilitate more EV adoption at all levels, individuals and organizations.**

To increase the number of EV charging points, what we call EVspots, we offer the EV charging ecosystem as one package to different EV users including the service of supply and installation of EV charging stations, after sales and maintenance, EV charging network, wireless EV charging, EV fleet management, supply, installation, testing and commissioning.

**Success Stories**

# First EV Charging Stations Installation in KSA!

Diyar Al Salam residences

# EV Charging Partner for the Largest Developments in KSA

Based on our rich experience and track record in the EV charging sector, GREENER has been assigned to execute the EV charging infrastructure for the largest developments in KSA including King Salman Park, Misk City, KAUST and Diryah Gate Development. Our scope includes specifying the right EV charging solutions besides the supply, installation, testing and commissioning of EV charging units.

misk مسك
مؤسسة خيرية

حديقة الملك سلمان
King Salman Park

هيئة تطوير بوابة الدرعية

KAUST

## Success Stories

# EV Super Charging

We have been one of the Early movers installing & commissioning fast DC chargers.


Jameel Square tower

# Four Seasons Hotel

Madinah, Saudi Arabia

Located near the Prophet's Mosque in Al-Madinah, the hotel will feature 245 keys serving visitors throughout the year. GREENER covers the scope of supply, installation, testing and commissioning AC charging infrastructure for the hotel located in the covered parking area.

**Client:**
Four Seasons Hotels & Resorts.

**Services Provided:**
Electric Vehicle Charging Infrastructure.


Riltz Carton Jeddah


# APSCO Airport Facility

Jeddah, Saudi Arabia

This project has achieved LEED V4 BD+C gold level certification by mid 2021. The project also includes 150 kW solar PV system installed on the rooftop of the truck's parking sheds. In addition to that, two units of 44 kW EV charging stations are installed in the parking to enable using electrically powered fuel dispensing trucks.

**Client:**

Arabian Petroleum
Supply Company.

**Services Provided:**

Sustainability Consulting.
150 kW Solar PV System (EPC).
Installing EV Charging Stations.
Air Quality Assessment.
Commissioning Authority.
Occupancy Sensors (EPC).


# Trusted Partner with Mohamed Yousuf Naghi Motors Company

We have executed the EV charging infrastructure for car brands under Alnaghi group including Jaguar and Land Rover, BMW, Rolls Royce, and Mini Copper. We covered both AC and DC charging stations for all branches across the kingdom!

# Success Stories

900 +

EV Charging Points

# List of EV Charging Projects

| Project Name | Client |
|---|---|
| Jaguar & Land Rover - Showrooms & Workshops | Mohamed Yousuf Naghi & Brothers Group |
| BMW Showrooms | Mohammed Yousuf Naghi & Brothers Group |
| Rolls Royce | Mohammed Yousuf Naghi & Brothers Group |
| MISK City | MISK Foundation |
| Jameel Square Tower | Hadia Abdul Latif Jameel Real Estate Investments |
| KAUST's Data Center | KAUST |
| Prince Mohammed Bin  Fahd University | Educational Services Company |
| Jeddah International Airport - APSCO Facility | APSCO |
| OCTANE Gas Station | OCTANE company |
| Red Sea Mall | SEDCO Holding Group |
| Diyar Al Salam Residences | Lifestyle Developers |
| Al-Wouroud HO | Madinat Al-Wouroud |
| Ritz Carlton Hotel | Marriott International |
| Al-Andalus Mall Parking Building | Alandalus Property |
| North Walk Strip Mall | Hani Al-Khanbashi Company |
| The Standard Tower | Lifestyle Developers |
| KSP O&M building | King Salman Park |
| Misk Schools | Misk City |
| DGDA Super Basement | Dirayah Gate Development Authority |
| Four Seasons Hotel | Four Seasons Hotels & Resorts |

# Strategic **Partners**

Being an authorized EV charging installer from our high profile partners, our team is highly skilled and experienced in EV charging installations with high level of understanding of the national regulatory requirements.

# **Products** and **Solutions**

## Wallbox AC Chargers

Level 2 chargers,  suitable for residential and commercial applications and they come in 7kW and 11kW


## Floorstanding AC Chargers

Level 2 chargers with 2 sockets, suitable for residential and commercial applications and they come in 7kW and 11kW


## DC Chargers

Level 3 DC chargers with 2 sockets, suitable for fast charging applications and they come in high range of kW levels

legrand®

# **Products** and **Solutions**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Schneider Electric

# **Products** and **Solutions**


## Energizing the Era of eMobility.

The world of transportation continues to rapidly evolve, which is why Siemens is committed to providing the complete solution for customers to help them succeed in their eMobility journey. Siemens offers the next generation of EV chargers with a new and improved design, enhanced features, faster charging, and increased reliability and safety for an affordable price.

SIEMENS

# **Products** and **Solutions**

**Hypercharger 50 kW**

**Hypercharger 200 kW**

**Hypercharger 400 kW**

## Leading DC fast-charging technology

The Hypercharger product line offers unrivaled reliability, efficiency, and design in compact and powerful solutions with a power range from 50 to 400 kW.

hypercharger
by alpitronic

# **Wireless EV** Chargers

As a part of our comprehensive EV charging solutions, we offer WiTricity's wireless chargers


WiTricity

# Strategic **Partners**

## Partnership with

GREENER
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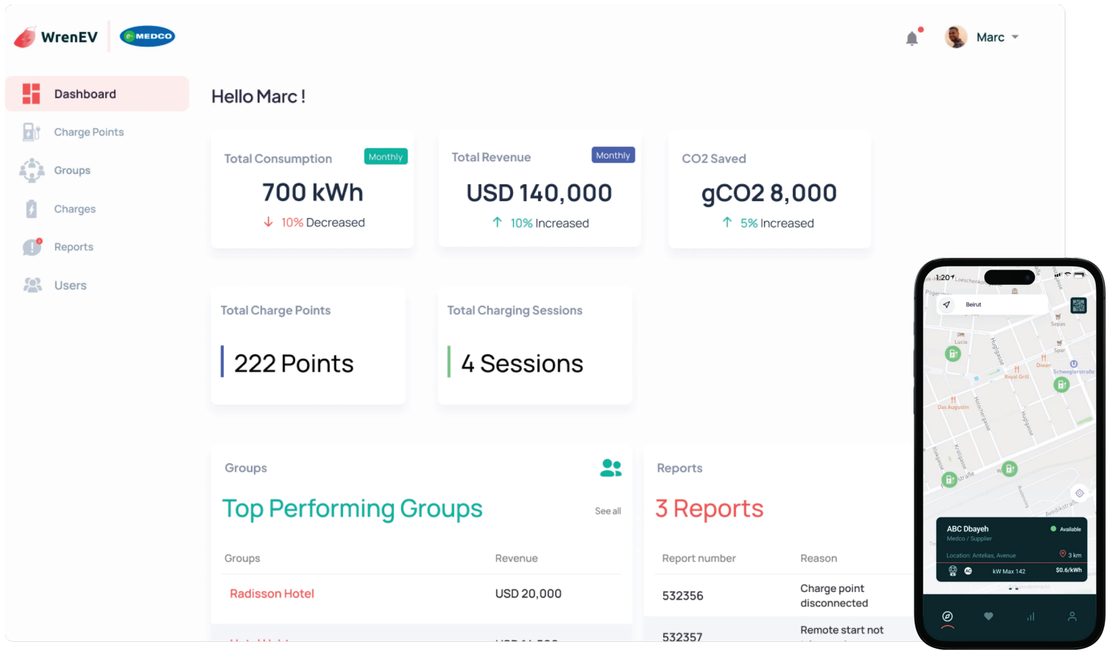
WrenEV

We're thrilled to announce our partnership with WrenEV for cutting-edge EV Charging Network Solutions.

This collaboration is set to accelerate EV charging adoption in businesses, providing our clients with an advanced and comprehensive solution for sustainable transportation."



# Clients

الأندلس مول
ALANDALUS MALL

FOUR SEASONS

SEDCO HOLDING

JAGUAR

THE RITZ-CARLTON®

LIFESTYLE DEVELOPERS
WE RAISE THE STANDARDS

DIRIYAH GATE DEVELOPMENT AUTHORITY

BMW

Saudi German Hospital

حديقة الملك سلمان
King Salman Park

misk مسك
Misk Foundation

APSCO®

LAND ROVER

SEDCO HOLDING

KAUST

GDH
Gulf Data Hub

جامعة الأمير محمد بن فهد
2006
PRINCE MOHAMMAD BIN FAHD UNIVERSITY
PMU

مجموعة هادية عبداللطيف جميل
HADIA ABDUL LATIF JAMEEL GROUP

ROLLS ROYCE

# GREENER

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