

envent energy

About us

A company that provides a broad range of energy solutions including designs and implementation of energy savings projects, retrofitting, energy conservation, energy infrastructure outsourcing, power generation, energy supply, and risk management.

We offer a **comprehensive** suite of services designed to optimize energy use, reduce costs, and minimize your environmental impact.

COMPANY PROFILE

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OUR MISSION

- Drive energy efficiency and sustainability for our clients.
- Deliver cost-effective solutions that provide a strong return on investment.
- Foster a culture of environmental responsibility within your organization.



**Empowering Your
Sustainability
Journey**

OUR SOLUTIONS

- **EV CHARGING**
- **LEAK DETECTION SYSTEM**
- **CHILLED WATER METERING & MANAGEMENT SYSTEM**
- **WATER METERING AND MANAGEMENT SYSTEM**
- **HVAC CONTROLS**
- **BMS SYSTEMS**
- **ANNUAL MAINTENANCE CONTRACTS**
- **CHILLED WATER BILLING SOLUTIONS**
- **ELECTRICITY METERING**
- **GAS METERING**
- **LANDSCAPING ACCESSORIES**
- **COMMUNICATION CONTROLS**



**Be focused.
Be determined.
Be hopeful.
Be empowered**

RESIDENTIAL

Smart building technologies can optimize heating and cooling systems, while improved insulation and energy-efficient appliances can further reduce overall energy needs. By implementing a combination of these solutions, homes can become more sustainable and cost-effective to operate.

**“We do not inherit
the Earth from our
ancestors;
we borrow it from
our children”**

PRODUCTS

- **EV CHARGING**
- **BTU METER**
- **FLOW METER**
- **WATER METER**
- **PICV**
- **SMART VALVE**
- **DATA MANAGEMENT SYSTEM**
- **ESTIDAMA METERING AND
MANAGEMENT SYSTEM**
- **VAV & CONTROLS**
- **LEAK DETECTION SYSTEM**
- **TENANT BILLING SOFTWARE**
- **TASLEEM SPECIFIED METER
READER SOFTWARE**



COMMERCIAL

Industrial energy metering and management products provide real-time data to optimize energy use, reduce costs, and improve operational efficiency.

"Energy management systems provide continuous and reliable monitoring of all relevant energy / process data...Maximization of plant availability."

**“Sustainability
is no
longer about
doing
less harm. It's
about doing
better”**

PRODUCTS

- **BTU METER**
- **FLOW METER**
- **WATER METER**
- **PICV**
- **SMART VALVE**
- **DATA MANAGEMENT SYSTEM**
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- **VAV & CONTROLS**
- **LEAK DETECTION SYSTEM**





HOTEL

"Energy management systems provide continuous and reliable monitoring of all relevant energy / process data...Maximization of plant availability."

PRODUCTS

- WATER LEAK DETECTION SYSTEM
- THERMOSTATS
- GRMS
- ENERGY METERS
- BTU METERS
- WATER METERS
- GAS METERING
- ENERGY MANAGEMENT SYSTEM
- EV CHARGING

Lower utility costs: By reducing energy consumption, hotels can save money on their utility bills.

Reduced energy consumption: EMS can help hotels reduce their energy consumption by up to 30%. This can be achieved through a variety of measures, such as automatically adjusting lighting and temperature settings based on occupancy, and identifying and fixing leaks in HVAC systems.

Increased sustainability: By reducing energy consumption, hotels can help to reduce their environmental impact. This can be a selling point to environmentally conscious guests.



DATA CENTER

Data center energy systems are crucial for powering and cooling the vast IT infrastructure that keeps our digital world running.

Products encompass a wide range of technologies designed to deliver reliable, efficient power and cooling for data center operations

PRODUCTS

- WATER LEAK DETECTION SYSTEM
- ENERGY METERS
- BTU METERS
- WATER METERS
- GAS METERING
- ENERGY MANAGEMENT SYSTEM
- EV CHARGING

**Data protection
refers to securing
sensitive information
from unauthorized
access , use,
disclosure,
disruption,
modification,
or destruction.**

SERVICES & INSTALLATION

- Site preparation (if applicable)
- Equipment installation
- Configuration and testing
- Training (if applicable)
- Project documentation
- Pre-installation site survey
- Extended warranty
- Project manuals and documentation

Our technicians will deliver and install the equipment at your designated location. The installation includes securely mounting the equipment, connecting necessary components, and performing a functionality check to ensure everything works properly.

The installation process can vary depending on what's being installed, but generally follows these steps:

- **Preparation**
- **Setup**
- **Verification**
- **Completion**

In some cases, there might be additional steps like:

- **Decommissioning:** Removing and disposing of older equipment before installing the new one.
- **Customization:** Tailoring the installation to meet specific needs.
- **Integration:** Connecting the new installation with existing systems.

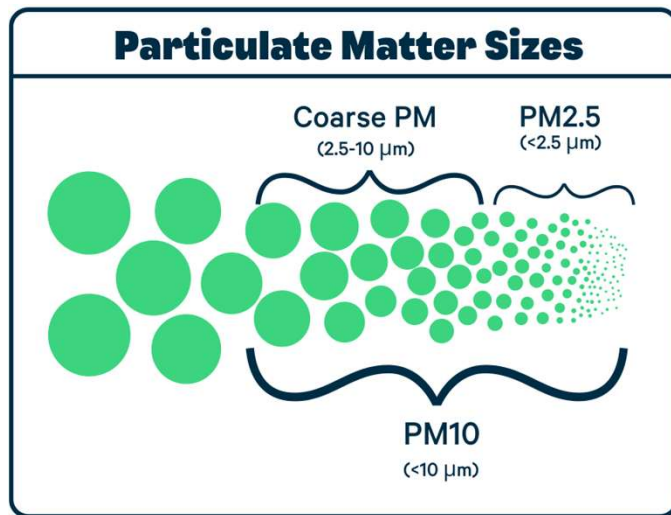
By following a well-defined process, we ensure a smooth and successful installation.



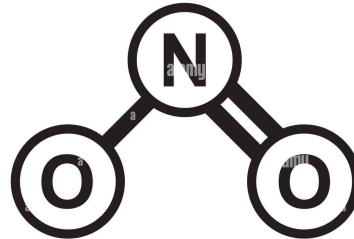
SUSTAINABLE GAS SENSORS

Particulate Matter (PM) sensor is a device that measures the concentration of tiny solid particles or liquid droplets suspended in the air. By providing accurate and timely information about air quality, PM sensors play a vital role in promoting public health and environmental sustainability.

**“ Nature Provides a
free lunch , but only if
we control our
appetites ”**
– Willam Ruckelshaus



Nitrogen Dioxide | NO₂



TYPE

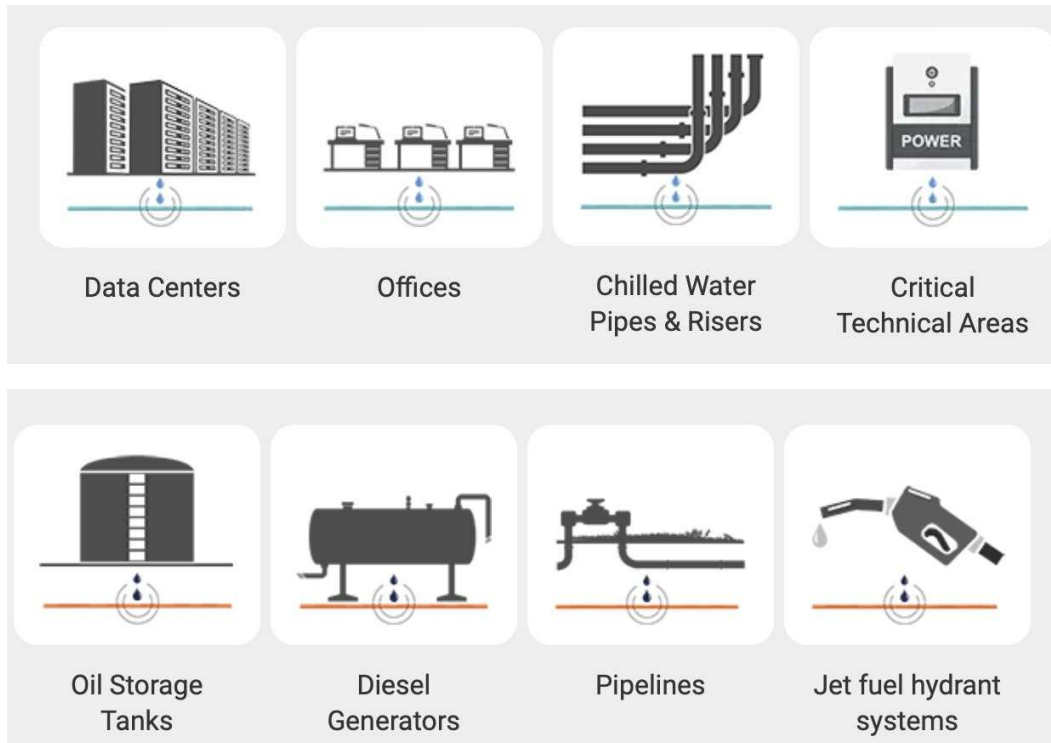
- CO
- CO2
- PM 2.5 / 10
- NO2
- AM

LEAK DETECTION SYSTEM

Addressable leak detection is an advanced system for pinpointing leaks in your plumbing system. It utilizes specially designed cables and a control panel to offer several advantages over traditional methods.

SENSE CABLES

These are the core of the system. They run along critical areas susceptible to leaks and contain embedded microprocessors throughout their length



Addressable leak detection systems offer several advantages over traditional leak detection systems, including:

- **Accuracy:** Addressable leak detection systems can pinpoint the exact location of a leak, which can save time and money on repairs.
- **Early detection:** Addressable leak detection systems can detect leaks early on, before they cause significant damage.
- **Reduced false alarms:** Addressable leak detection systems are less likely to trigger false alarms than traditional systems.
- **Scalability:** Addressable leak detection systems can be easily scaled to accommodate the size of a building.

WATER

Water meters are required by most localities to track water usage and facilitate fair billing.

WE MAKE YOUR WATER CONSUMPTION BEEN METERED AND ANY LEAK DETECTED



There are two main types of water meter solutions: traditional mechanical meters and advanced smart meters.

- **Mechanical meters**, the workhorses for decades, use physical components like gears or turbines to measure water flow. They are reliable but require manual reading and lack real-time data.
- **Smart meters**, on the other hand, leverage technology like electromagnetism or ultrasound to measure flow and transmit data wirelessly. This allows for remote reading, leak detection, and even real-time monitoring of water usage.

In the world of cooling systems, efficiency is key. To optimize performance, different types of cooling meter solutions exist.

Common options include:

- **Flow meters:** These track the volume of coolant circulating through the system, ensuring proper flow rates and identifying potential blockages.
- **Temperature sensors:** They monitor the temperature of the coolant at different points, providing insights into heat exchange efficiency.
- **Energy meters:** These measure the total energy consumption of the cooling system, allowing for cost analysis and optimization strategies.



**We offer solutions
for your Cooling
consumption
with
Monitoring & Billing**

ENERGY MANAGEMENT & BILLING SOFTWARE SERVICE

An energy management system (EMS) acts as a conductor for organizations looking to optimize their energy use. It combines software and hardware to monitor energy consumption across a building, facility, or even an entire power grid.

**"You can have data
without information,
but you cannot have
information without
data"**

Daniel Keys Moran

By analyzing this data, the EMS identifies areas for improvement and recommends ways to reduce energy waste. This can involve anything from scheduling equipment operation during off-peak hours to implementing energy-efficient technologies.

Ultimately, an EMS helps businesses save money, shrink their carbon footprint, and contribute to a more stable energy grid.



EV CHARGING

A charging station, also known as a charge point, ChargePoint, or electric vehicle supply equipment (EVSE), is a [power supply device](#) that supplies [electrical power](#) for recharging [plug-in electric vehicles](#)

**With a growing
network of charging
stations, EV charging
is becoming more
convenient for
everyday drivers**



AC Charging Units

Polestar Charge



DC Charging Units

Polestar Charge

**Power your electric
vehicles with our
Reliable Charging
Solutions**

The solutions offered under the title "Reliable Charging Solutions for Your Electric Vehicles" emphasize PoleStar Charging's reliable and effective charging infrastructure designed specifically for electric vehicle users. PoleStar Charging aims to provide electric vehicle owners with a safe, fast, and uninterrupted charging experience by offering flexible and user-friendly solutions to meet a wide range of sectoral needs.

ELECTRICITY

- **The power of electricity to transform lives:** "Electricity can transform people's lives, not just economically but also socially."
- Nikola Tesla
- **A humorous take on electricity:** "Electricity is really just organized lightning." - Will Rogers

We offer solutions for your Electricity consumption Monitoring & Billing



An unsung hero in our homes, the electricity meter is a crucial device that tracks our power consumption.

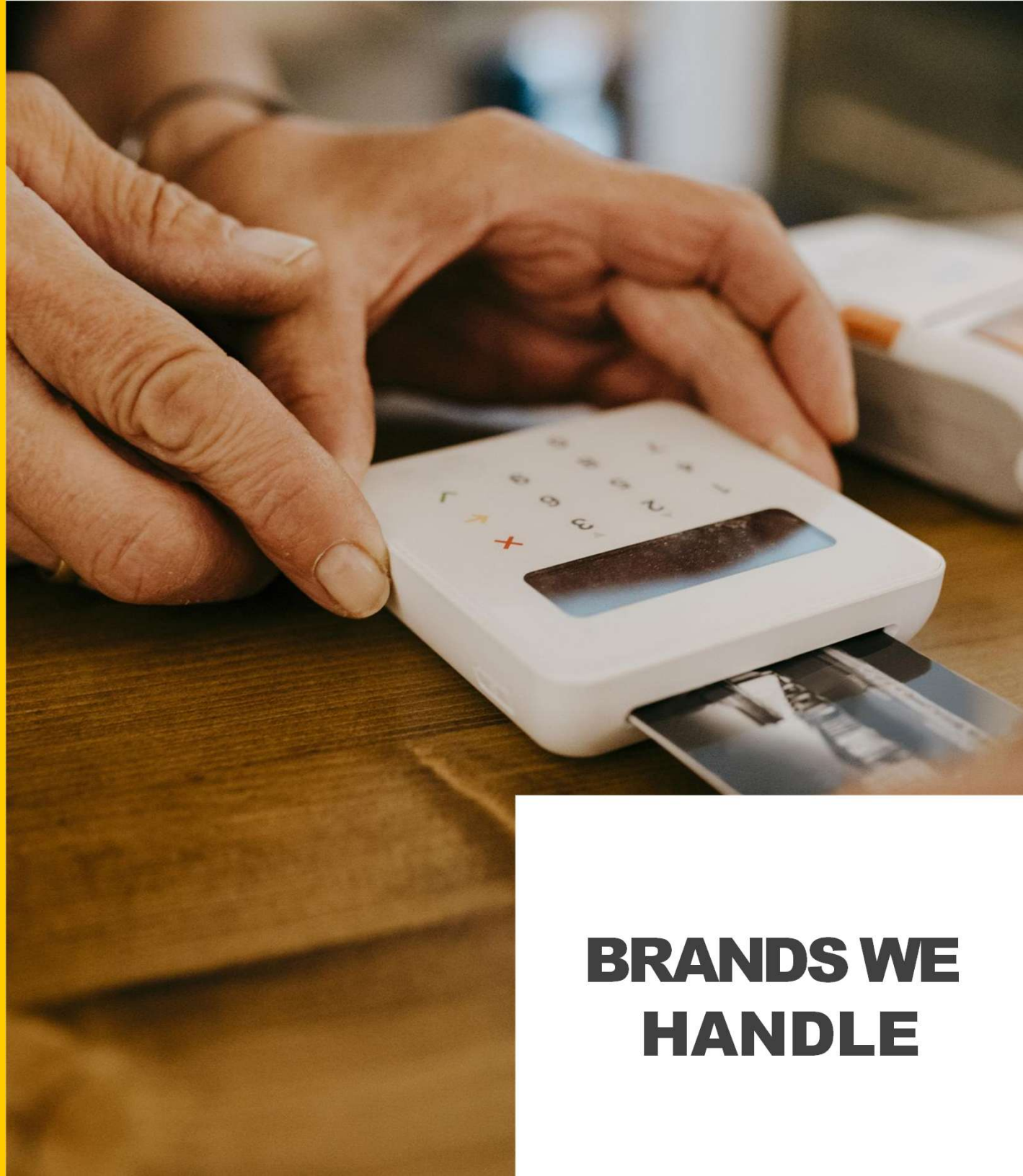
These meters meticulously measure the amount of electrical energy used over time, typically in kilowatt-hours (kWh).

This data forms the basis for our electricity bills.

Traditionally, electromechanical meters with spinning discs were used, but today, digital meters are becoming increasingly common.

These meters offer more features, like remote reading capabilities, allowing for easier billing and improved energy management.

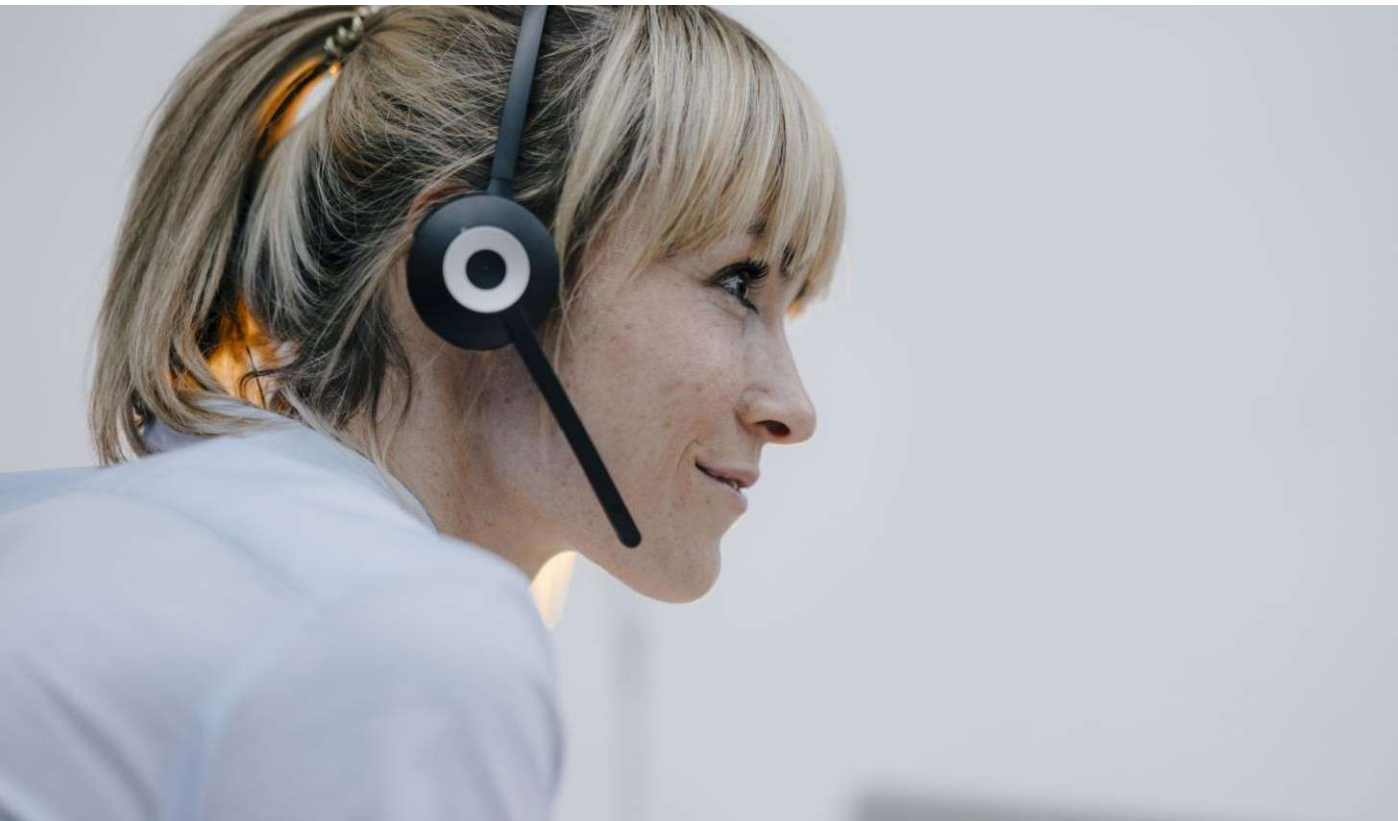
- **TTK**
- **HELVATRON**
- **BASIOX**
- **FLEXIM**
- **POLESTAR**



**BRANDS WE
HANDLE**

OUR EXPERTISE

- **Energy Audits and Assessments:** We identify areas for improvement and develop customized energy-saving strategies.
- **Implementation and Project Management:** We oversee the installation of energy-efficient technologies and manage projects from start to finish.
- **Data Analytics and Monitoring:** We track your energy usage, measure progress, and provide ongoing insights to optimize performance.
- **Renewable Energy Integration:** We help you explore and integrate renewable energy sources into your energy mix.
- **Compliance and Regulatory Support:** We ensure your operations adhere to all relevant energy codes and standards.



OUR CLIENTS

- ELITE PROPERTIES
- DAS HOLDINGS
- INNOVA
- HONEYWELL
- EASA SALEH AL GURG GROUP
- KHIDMAH
- ORIONTEKI
- ALDAR
- MENASCO
- EAST & WEST
- ETIHAD TOWERS
- ACSYS