Efficiency & Storage

MET Romania Energy SA

MET GROUP - Short Description

STRONG INTERNATIONAL PRESENCE

15 Countries via subsidiaries

19 International trading hubs

27 National gas markets

KEY FACTS

- Diversified commodity structure - natural gas, power, oil, oil products, LNG, LPG
- Track record in successful expansion to international markets
- Excellent understanding of CEE and CIS political and economic environment
- Stable and significant financing facilities and credit lines
- Ability to capture real option value through physical asset ownership
- Highly motivated and competent management and employees
- Proven track record of high profitability and fast growth
- Headquarters in Zug, Switzerland

500+ employees

LEADER IN THE CEE GAS MARKET

5 Number of newly opened country offices in 2016 and 2017

24 + BCM Gas turnover volume in 2016

UNIQUE POSITION IN CEE

Subsidiaries of MET Group

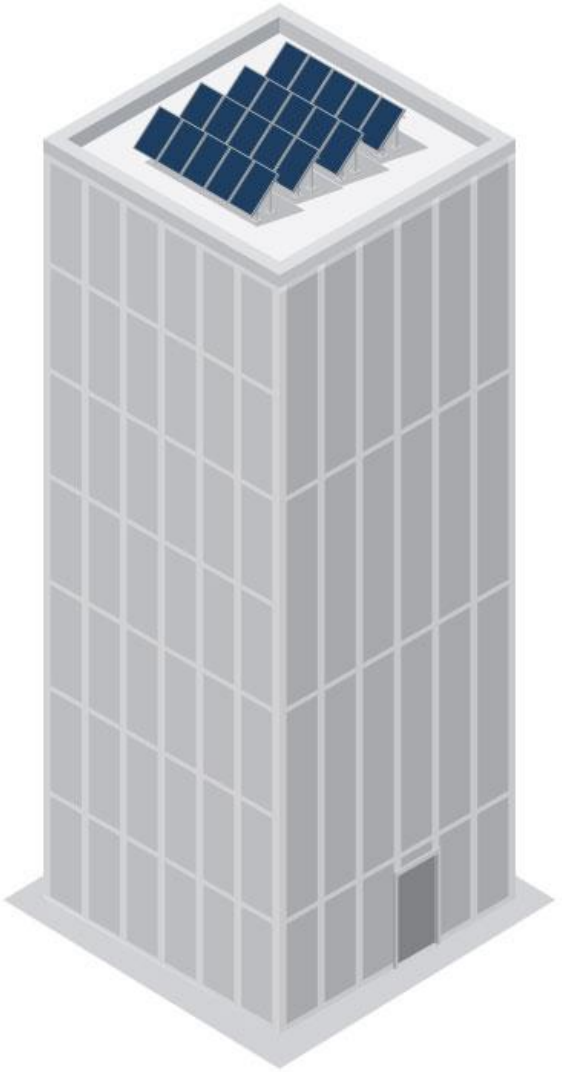
Trading regions for MET Group

Ecosystem of Efficiency and Renewable Energy e.g. building

Remote control and automatization

- **Lighting system** (sensors, rollers/ curtains)
- **Acclimatization** (temperature sensors, + rules - priorities)
- **Safety** (video surveilling, smoke/ door/ windows sensors etc.)
- **Metering** (all utilities, on grid/ off grid PVs)
- **Storage system** (from grid or renewable sources)

Management system for consumption and safety!



ECO Friendly

- EV chargers

The FUTURE has arrived!

MET

Use Case “North of Bucharest”

panouri fotovoltaice

fiecare casă din complex este dotată cu panouri fotovoltaice ce garantează un aport semnificativ la încălzirea locuinței tale și un cost redus la factura de întreținere.

CASĂ INTELIGENTĂ

sistemul de casă inteligentă a fost integrat cu succes la nivelul întregului complex popasului residence. acesta este menit să ușureze viața utilizatorului și în același timp să eficientizeze consumul de energie al locuinței.

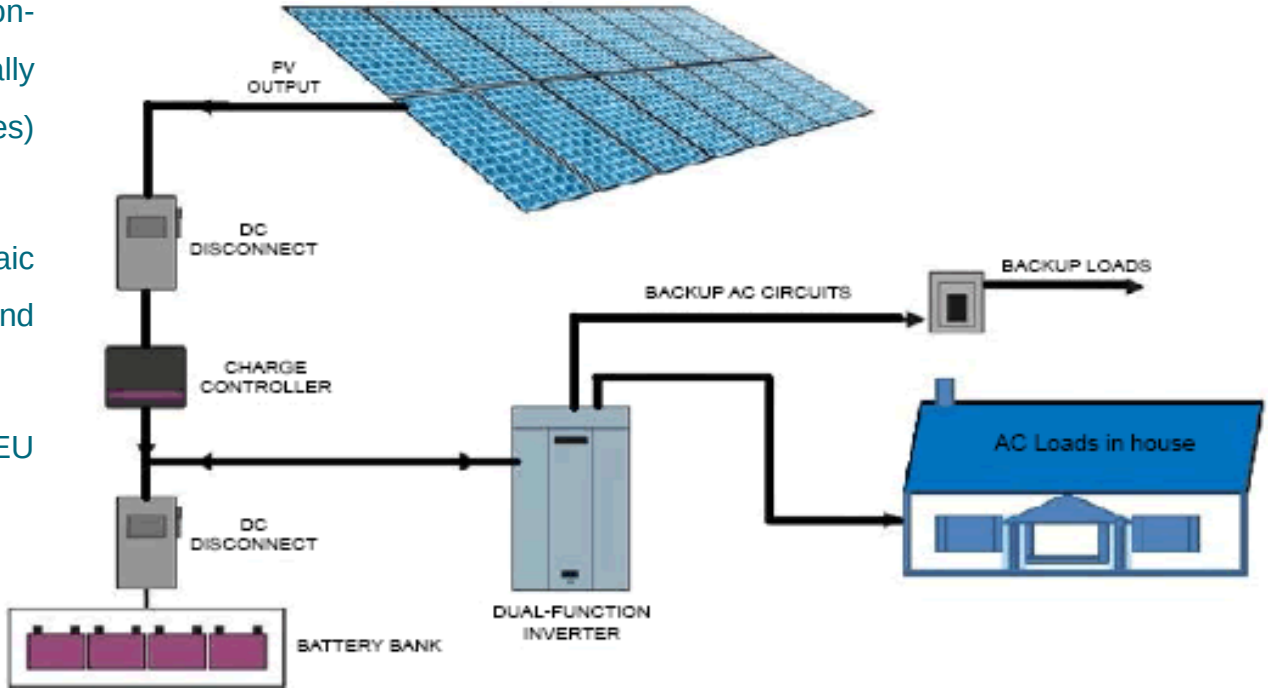
Photovoltaic Systems

Photovoltaic systems could be On grid or Off Grid + Hybrid

Short description

- On the basis of present world energy scenario, there is possibility that renewable (non-conventional) sources of energy may partially supplement fossil fuel (conventional sources) energy
- MET Romania can design a proper Photovoltaic system solution, based on the client activity and his goals.
- Each solution is certified and in line with the EU regulation.

Example of a Hybrid solution



Energy storage example!

stratum
ENCLOSURES

MET

EV chargers

EV chargers at your service!

- MET Romania is coming with a full package of services for setting up an EV infrastructure.
- We are able to offer all type of services, as following:
  - Electricity supply
  - EV chargers of all types (AC or DC)
  - Installation, maintenance and service
  - Software application (authentication and charging info)
  - Charging (payment) system
  - Certified project by EU regulation

For customers that are going in Hypermarkets or Malls, the existence of a EV charger may help in deciding where to go for shopping.

Smart lighting solution

Lighting remote management system, from MET Romania

Smart lighting is able to provide many advantages

- Lighting operates autonomously, using smart scheduling algorithms based on astrological calendar, light level sensors or motion detectors – for any lamps with electronic or electromagnetic ballasts and also architectural lighting
- As ADD-ONS, you can use your actual outdoor lighting system during the daylight for other purposes, as different sensors, surveilling cams or even EV chargers, without making any other cabling/ digging works that is effort, time consuming and is generating extra costs.

Smart Metering through Sub-Metering

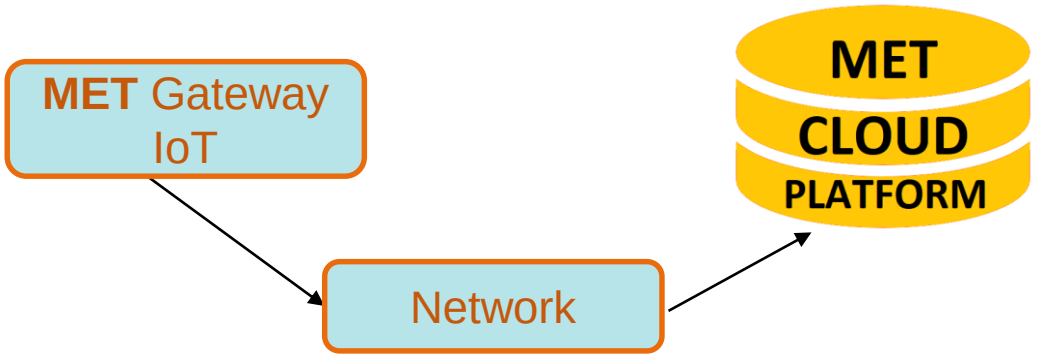
Typical uses

Clients benefits

- Energy churn decreased by up to 10% by smart buying
- Cut infrastructure preventive & corrective maintenance cost
- Improved prediction of consumed energy / circuit & location
- Instant view into infrastructure consumption status

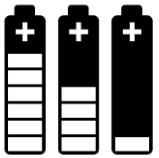
Smart Metering. How it is working?

MET Romania is offering a turn key solution



System capabilities

- Can interconnect and control actual measurements systems
- Allow integration of new management systems based on IoT
- Is using certified and metrology equipment
- **Real time readings** – notifications and alerts if happenings appear
- Data transmission is via GSM/ GPRS, LORA, 5G



Action area

- HVAC installations
- Lighting systems
- Common areas
- Elevators, automatic stairs, parking places etc.
- Security systems
- Aggregation of existing/ new meters of gas, water, energy

MET Cloud Platform for Smart Metering

MET CLOUD can provide many advantages

How can you access the data?

- Data are centralized and stored with access from anyplace & anytime, through your account
- Data are secured and safety stored
- No third parties will be able to access your energy usage data without your consent

What kind of data do you get?

- Graphics and reports *(many formats)*
- Notifications by email or SMS
- Environmental impact by calculating the CO2 emissions associated with electricity consumption
- User management per location per measured circuits, etc.

MET Romania services

Services summary

- **EV chargers –** *Wall mounted or standalone (AC & DC)*
- **Photovoltaic systems –** *On Grid/ Off Grid + Hybrid*
- **Smart Metering –** *IoT system that can measure your circuits*
- **Smart Lighting –** *indoor and outdoor lighting control*

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