

REAL ENERGY COMES FROM ENERGYST



RENTAL SOLUTIONS FOR
TEMPERATURE CONTROL & POWER GENERATION

Energyst



HISTORY OF ENERGYST

Energyst CAT Rental Power started as a joint venture between Caterpillar and 10 of its European dealers to create an exclusive outlet for CAT power and temperature control solutions.

RENTAL SOLUTIONS FOR
TEMPERATURE CONTROL & POWER GENERATION

Energyst



HISTORY OF ENERGYST

- Formed in 2002
- A subsidiary of Caterpillar Inc. - a global company with an 85 year history
- A company that provides turnkey rental solutions for power and temperature control
- Excellent suppliers including York® by Johnson Controls - the largest global independent supplier of HVAC&R products for cooling

OUR INVESTORS

Energyst's Major Shareholders



Revenues of \$65b, serves in over 180 countries and 500 locations



Revenues of R58b, operates in 27 countries
19 000 employees



Revenues of \$6.6b, operates in 3 continents'
15 300 employees



250 branches and operates in 23 countries
13 000 employees

Energyst



LETS TALK GLOBAL POWER

RENTAL SOLUTIONS FOR
TEMPERATURE CONTROL & POWER GENERATION



ACCESS TO POWER

1.3billion people has no access to Power

Ensuring access to energy is arguably one of the major challenges the world faces today. For those living in extreme poverty, a lack of access to energy services dramatically affects and undermines health, limits opportunities for education and development, and can reduce a family's potential to rise up out of poverty.



World energy consumption to grow by 56% between 2010 and 2040

Energyst



GLOBAL DISTRIBUTION OF ELECTRICITY



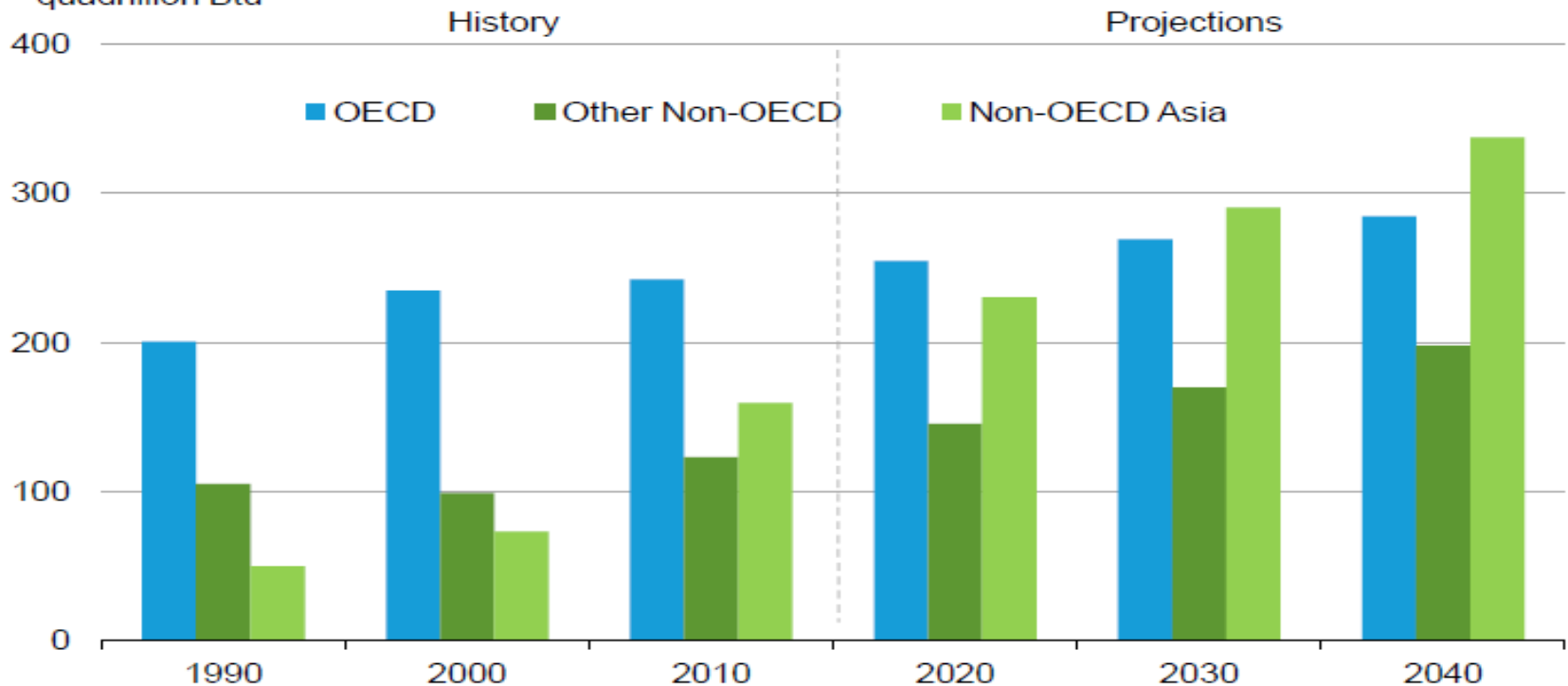
Energyst



WORLD ENERGY FORECAST

Non-OECD Asia accounts for 60 percent of the world increase in energy use

world energy consumption
quadrillion Btu

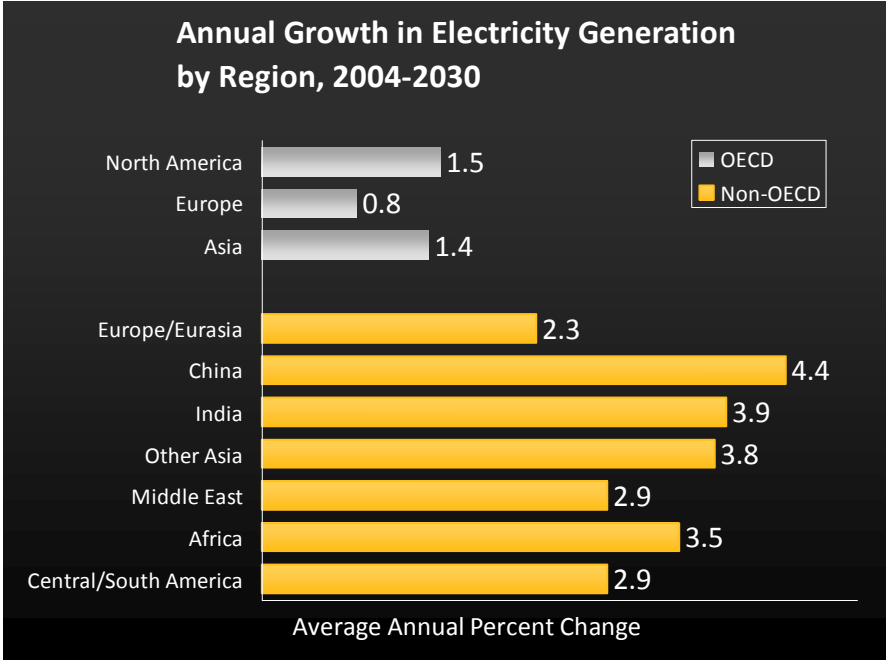
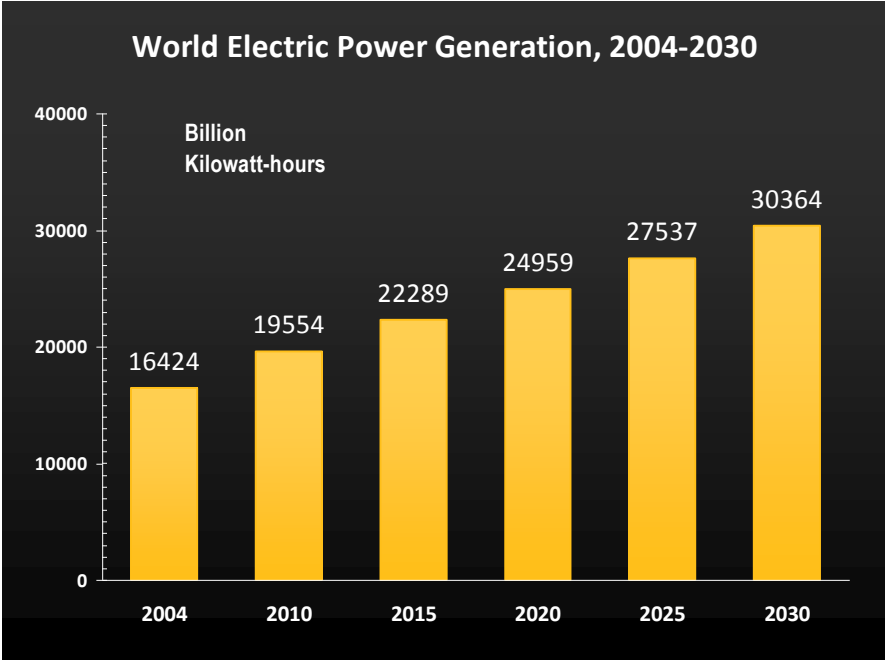


Source: EIA, International Energy Outlook 2013

Energyst



World demand for electricity is expected to double between 2004 & 2030.



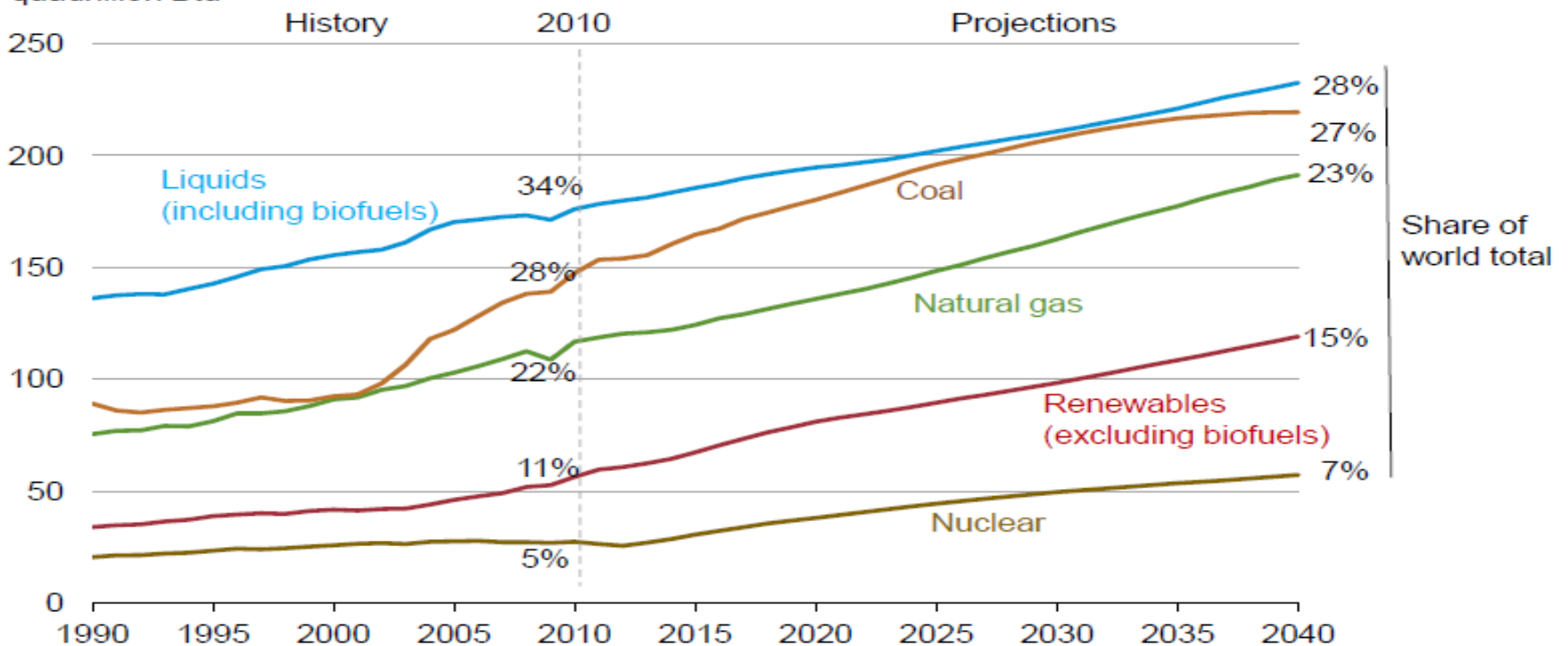
Non-OECD* countries will lead the demand for electricity to raise the standard of living for residents.

*OECD: Organization for Economic Cooperation and Development
(30 market economy and democratic focused)

POWER BY FUEL SOURCE

Renewable energy and nuclear power are the fastest growing source of energy consumption

world energy consumption by fuel
quadrillion Btu



Source: EIA, International Energy Outlook 2013

Energyst



RELIANCE ON POWER

- Develop and sustain economies
- Technology reliant
- Improve standard of living
- Health and Safety of our people



Energyst



CONSTRAINTS FOR ADEQUATE GENERATION

- Costs to build power plants - Nuclear
- Reliance on Hydro
- High Emissions through coal fired power plants
- Distribution limitations
- Transmission Losses

CAUSES OF DISRUPTION OF POWER

- Natural disasters
- Load shedding
- Poor Network Maintenance
- Strikes, unrests and wars



IMPACT OF POWER LOSS

PEOPLES LIVES AT RISK



Hurricane Sandy has knocked out power to much of New York City, impacting hospitals throughout the city.

NEW YORK (AP) -- More than 200 patients have been moved out of a New York City hospital that lost power to other medical facilities. The evacuation of New York University Tisch Hospital began Monday night after a generator failure. It was completed Tuesday morning.

NEGATIVE IMPACT ON ECONOMY



Analyses from blackout events in the US show that a 30-minute power cut results in an average loss of US\$15,709 for medium and large industrial clients, and nearly US\$94,000 for an eight-hour interruption.

Even short blackouts – which occur several times a year in the US add up to an annual estimated economic loss of between US\$104 and US\$164 billion. [Allianz Global Corporate & Specialty](#)

For example, Latin America has one of the lowest number of power outages, but they last the longest on average. South Asia, on the other hand, has the highest number of power outages per year, although they usually last only a few hours, the effects are sharply felt. For example, **a 12-hour power cut in India in 2001 cut off electricity to 226 million people**, caused chaos on the rail system and paralyzed major utilities and hospitals.

Energyst

CAT
Rental Power

RENTAL POWER - KEY MARKET DRIVERS

- ✓ Remote locations.
- ✓ Bridging Power.
- ✓ Supplementary Power.
- ✓ No CAPEX
- ✓ Flexibility to up or downscale
- ✓ Full maintenance
- ✓ Project duration
- ✓ Desired Security
- ✓ Mitigate load shedding and peak demand.
- ✓ Quick to install and expand



Energyst



BRIDGING THE POWER GAP

RENTAL SOLUTIONS FOR
TEMPERATURE CONTROL & POWER GENERATION

Energyst



HOW

- Collaboration
 - US Companies operating on global footprint
 - US Government Agencies
 - Caterpillar and IPP Partners

- Promoting US manufactured products

- World Class Service and skills

- Corporate Governance

USA Commitment to Africa Power Stability

- President announced Power Africa, a new initiative to double access to power in sub-Saharan Africa
- The United States and its partners will work with an initial set of Power Africa partner countries, including Ethiopia, Ghana, Kenya, Liberia, Nigeria, and Tanzania.
- Power Africa will also leverage private sector investments, beginning with more than \$9 billion in initial commitments from private sector partners to support the development of more than 8,000 megawatts of new electricity generation in sub-Saharan

The White House
Office of the Press Secretary

Energyst



THE USA AGENCIES ENGAGED

- The **U.S. Agency for International Development (USAID)** will provide \$285 million in technical assistance
- The **Overseas Private Investment Corporation (OPIC)** will commit up to \$1.5 billion in financing and insurance to energy projects in sub-Saharan Africa.
- The **U.S. Export-Import Bank (Ex-Im)** will make available up to \$5 billion in support of U.S. exports for the development of power projects across sub-Saharan Africa.
- The **Millennium Challenge Corporation (MCC)** will invest up to \$1 billion in African power .
- **OPIC** and the **U.S. Trade and Development Agency (USTDA)** will provide up to \$20 million in project preparation, feasibility and technical assistance grants.
- The **U.S. African Development Foundation (USADF)** will launch a \$2 million Off-Grid Energy Challenge In 2014, **OPIC** and **USAID** will jointly host an African energy and infrastructure investment conference.

Energyst



REAL ENERGY COMES FROM ENERGYST

It's the people at Energyst that make the real difference. We love finding innovative solutions to our customers' challenges. And to do that, we get to know your business inside out. In fact we put Real Energy into it. Because it's only by truly understanding your world, that we can recommend the very best solution for you.

ENERGYST TODAY

Energyst CAT Rental Power is one of the world's leading providers of power and temperature control rental solutions.

RENTAL SOLUTIONS FOR
TEMPERATURE CONTROL & POWER GENERATION

Energyst



ENERGYST TODAY

Since 2002 we have established operations in South America and Africa, We are also developing in the Mediterranean, and Eastern Europe.



- Global coverage – 11 countries and 17 service depots
- Passionate professionals with extensive knowledge and expertise
- Turnkey rental solutions for temporary power, heating and cooling
- Extensive range of world class rental equipment

Business Segments - Today

Depot Business

Short term rental,
typical 100 kw to 10Mw
Power & temp. Control

Typical Markets

- Oil & Gas
- Utilities
- Events
- Critical facilities
- Industry

Europe



Energyst



Business Segments - Today

IP Business
International Projects

Medium to long term
IPP rental, typical
10Mw >

Typical Markets

- Mining
- Utilities
- Oil & Gas
- Critical facilities

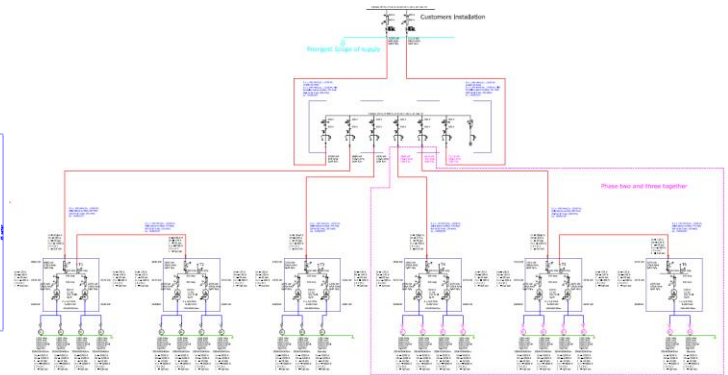
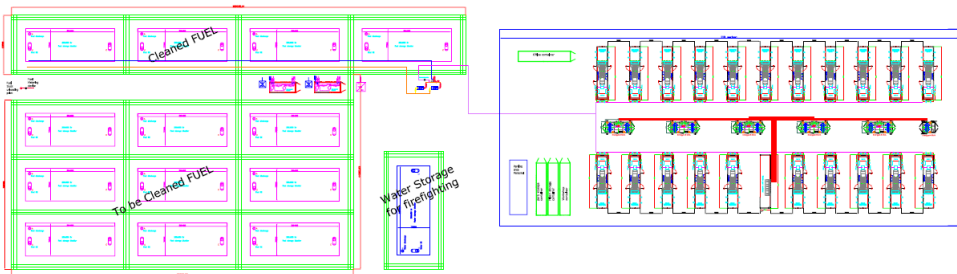
Africa,
South America
Eastern Europe



ENERGYST TODAY

We're here for you 24 hours a day, 365 days a year.

- Round-the-clock rapid deployment and service support
- Technical expertise, engineering and project management
- Equipment installation, operation and maintenance
- Site visits and assessments
- Fuel management
- Committed to the highest standards of quality, safety and reliability



ENERGYST TODAY

We specialise in rental power and temperature control solutions for a diverse range of market segments and international projects:

- Oil & Gas
- Utilities
- Mining
- Events
- Critical facilities
- Industry

We think global and act local. So whenever or wherever you need us, you can rely on Real Energy from Energyst.



International organization

- Global coverage
- International partners
- Caterpillar subsidiary

Turn key rental solutions

- Temporary power, heating & cooling

World Leading products

- Caterpillar (power)
- Johnson Controls (heating & cooling)

24/7 Service

- Design
- Site evaluations
- Project management
- Site Operations
- Fuel management
- Maintenance

Energyst



OUR FLEET : LOW – HIGH VOLTAGE

Cooling:



Chillers



Air-to-air coolers



Air handling units

Power Modules



Transformers



Fuel Tanks



Heating:



Air-to-air heaters

ENERGYST TODAY

Power generators in our IP fleet



XQ2000

2000 kVA Prime / 1750 kVA Continuous

Diesel, 40 ft container

Fuel consumption: 350L/hr @ 100%



PM1360

1500 kVA Prime / 1320 kVA Continuous

Diesel, 20 ft container

Fuel consumption: 272L/hr @ 100%



XQ1475G

1844 kVA Prime

Gas, 40 ft container

Fuel consumption: 9.37MJ/kWr @ 100%

Energyst

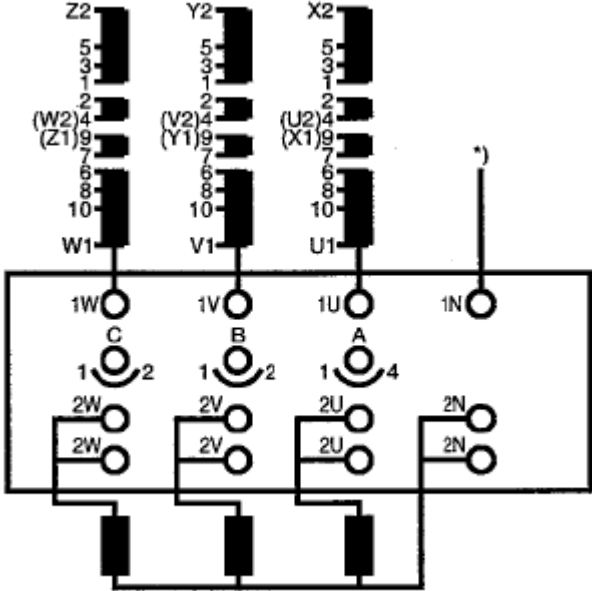


ENERGYST TODAY

Power transformers in our fleet

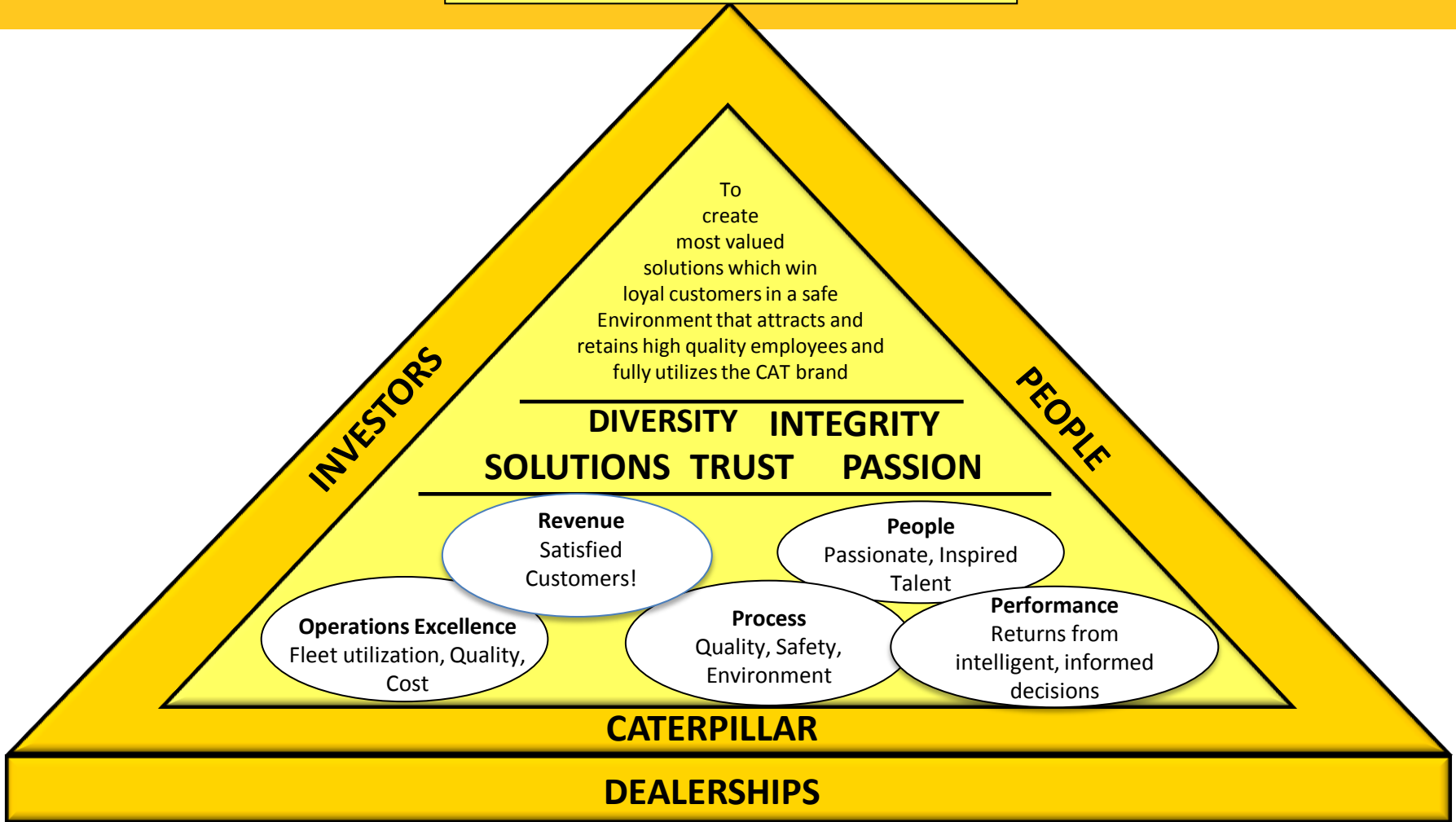


Transformers
2000 to 8000 kVA
Multi Tap, step-up & step-down
ONAN / Resin Block



MISSION, VISION AND STRATEGIC HIGHLIGHTS

Attracting & retaining customers through people driven, most valued energy rental solutions



Energyst



**REAL ENERGY COMES
FROM ENERGYST**

Thank You

our knowledgeable and experienced staff are on hand to answer any questions or provide more information about how we can help meet your specific needs.

CALL US: 00800 3637 4978 EMAIL US: INFO.INT@ENERGYST.COM

RENTAL SOLUTIONS FOR
TEMPERATURE CONTROL & POWER GENERATION

Energyst

