MIXED POLYGENERATION SYSTEMS

The polygeneration seeks to obtain a continuous supply of electrical energy depending on the energy sources availability and maximum fuel economy. An intelligent system prioritizes most suitable energy source at all times.

MIXED POLYGENERATION SYSTEMS:

- Synchronous generator * ……. 250 kW
- Thermal engine * …… 250 kW (Diesel or Gas)
- Wind support system …….. 170 kW (saving in fuel)
- Photovoltaic field ……..…….. 200kW (with E-W tracking +/- 40º)

MAXIMUM AVAILABLE ELECTRICAL POWER:

Only thermal engine ……. 250 kW

Thermal + wind ……... 250 kW (saving in fuel)

Thermal + solar …… 450 kW

Thermal + wind + solar …… 450 kW (saving in fuel)

WIND SUPPORT TO GENERATORS

Direct fuel saving into the thermal engine. The equipment consists of a wind turbine of 32 m rotor diameter, which at nominal speed of 10.5 m / s, provides mechanically 170 kW to the generator rotations providing torque on shaft by means of a hydraulic servo motor.

PHOTOVOLTAIC FIELD

It provides electricity directly unloading the synchronous generator, reducing fuel consumption or increasing available electricity.

*Other powers, consult.

Pol. Ind. Tarazona
C/ Galicia, parcela 76
50500 Tarazona (Zaragoza)
España

Info@ades.tv
www.ades.tv
Tfno. 976 641 846
976 571 193