



Innovative engineering for technical teaching and research equipment

5.- ENERGY



5.1. SMART GRIDS AND POWER SYSTEMS



AEL-EPP
Energy Power Plants
Application



AEL-MPSS
Modular Smart Grid Power Systems Series



APS12
Advanced
Mechanical,
Electrical
and Smart
Grid Power
Systems
(Utilities)

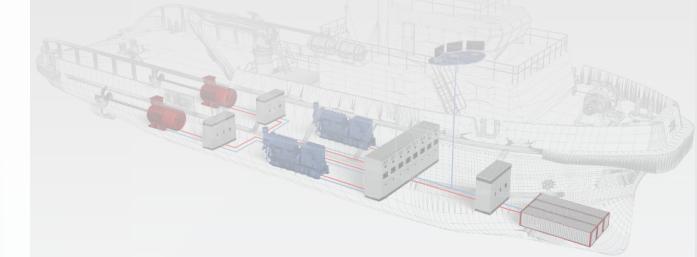


AEL-FUSG
Final User Smart Grid System

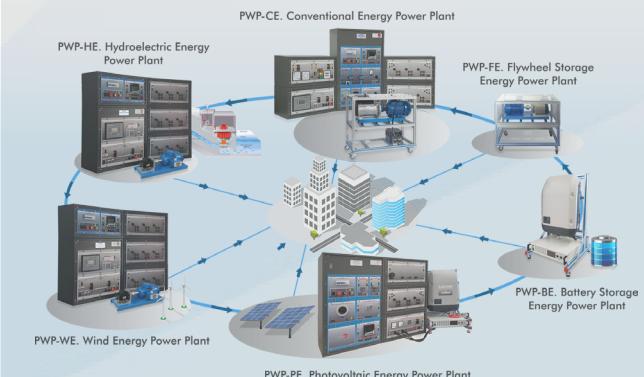
5.2. MICROGRIDS

AEL-MEPD-01
Modular Marine Electrical Power
Distribution Application, with SCADA

MPCDC
Computer Controlled **Marine Power**
Generation and Distribution System



AEL-MGP
Modular Smart Grid Power Systems Series



PWP-CE. Conventional Energy Power Plant.

PWP-HE. Hydroelectric Energy Power Plant.

PWP-WE. Wind Energy Power Plant.

PWP-PE. Photovoltaic Energy Power Plant.

PWP-BE. Battery Energy **Storage Power** Plant.

PWP-FE. Flywheel Energy Storage Power Plant.



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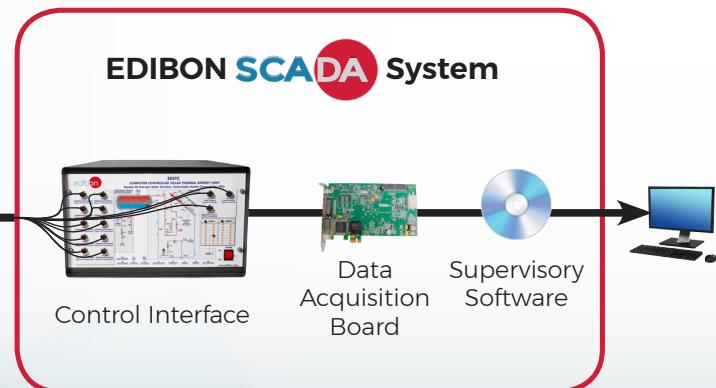
5.- ENERGY



5.3. RENEWABLE ENERGIES

EESTC

Computer Controlled **Thermal Solar Energy** Unit



5.4. CONVENTIONAL ENERGIES

with
EDIBON
SCADA



TGDEC

Computer Controlled **Two-Shaft Gas Turbine**

5.5. ENERGY STORAGE

AEL-FES

Flywheel Energy Storage Application

with
EDIBON
SCADA



AEL-BESTA
Battery Energy Storage Test Application



5.6. HIGH VOLTAGE AND ELECTRICAL PROTECTION SYSTEMS

AEL-GPRE
Generator Protection Relay Application



AEL-VTFP
Voltage Transformer Fundamentals Application for Protection Devices



5.7. INSTALLATIONS AND MAINTENANCE

GBT
Forced Air Gas Burner Trainer



IGHT
Instantaneous Gas Heater Trainer



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MUCH MORE at: www.edibon.com/en/energy