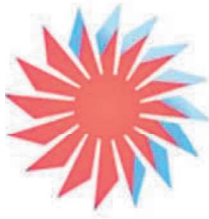




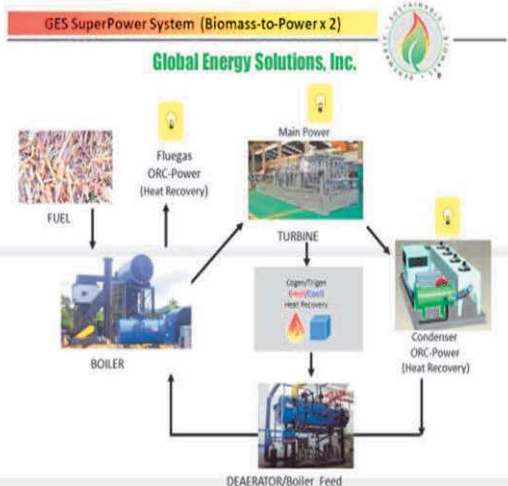
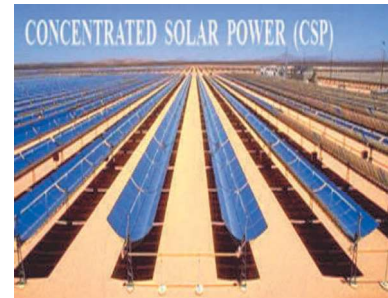
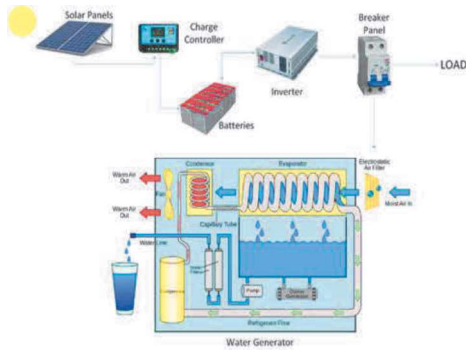
TransPacific Energy Renewable Technologies

- PV Solar Panels
- PV-Thermal Solar
- CSP Solar Integrated ORC
- Geothermal Energy
- Biomass Energy
- Hybrid System for Remote Areas
- Solar Clean Water Generators
- Solar Lights
- Desalination by PV-Thermal
- Fuel Cell driven by Solar and Wind Energy for Hydrogen Production and Storage



TransPacific Energy, Inc.
 Innovative Energy Systems for A Cleaner World

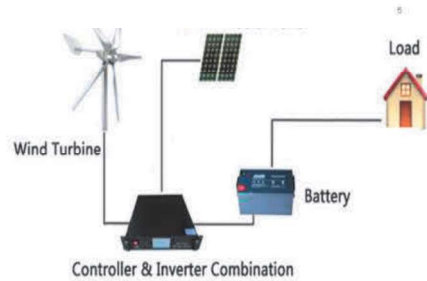
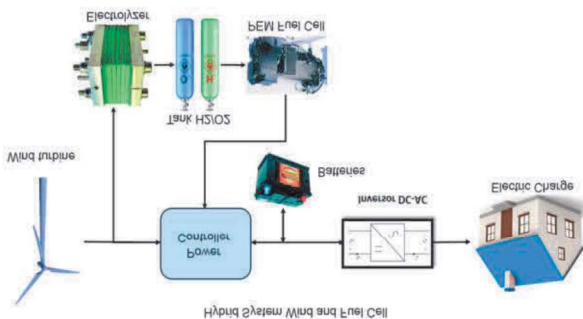
TransPacific Energy Renewable Energy Technologies



Photovoltaics - Technology



Using the sun to generate electricity



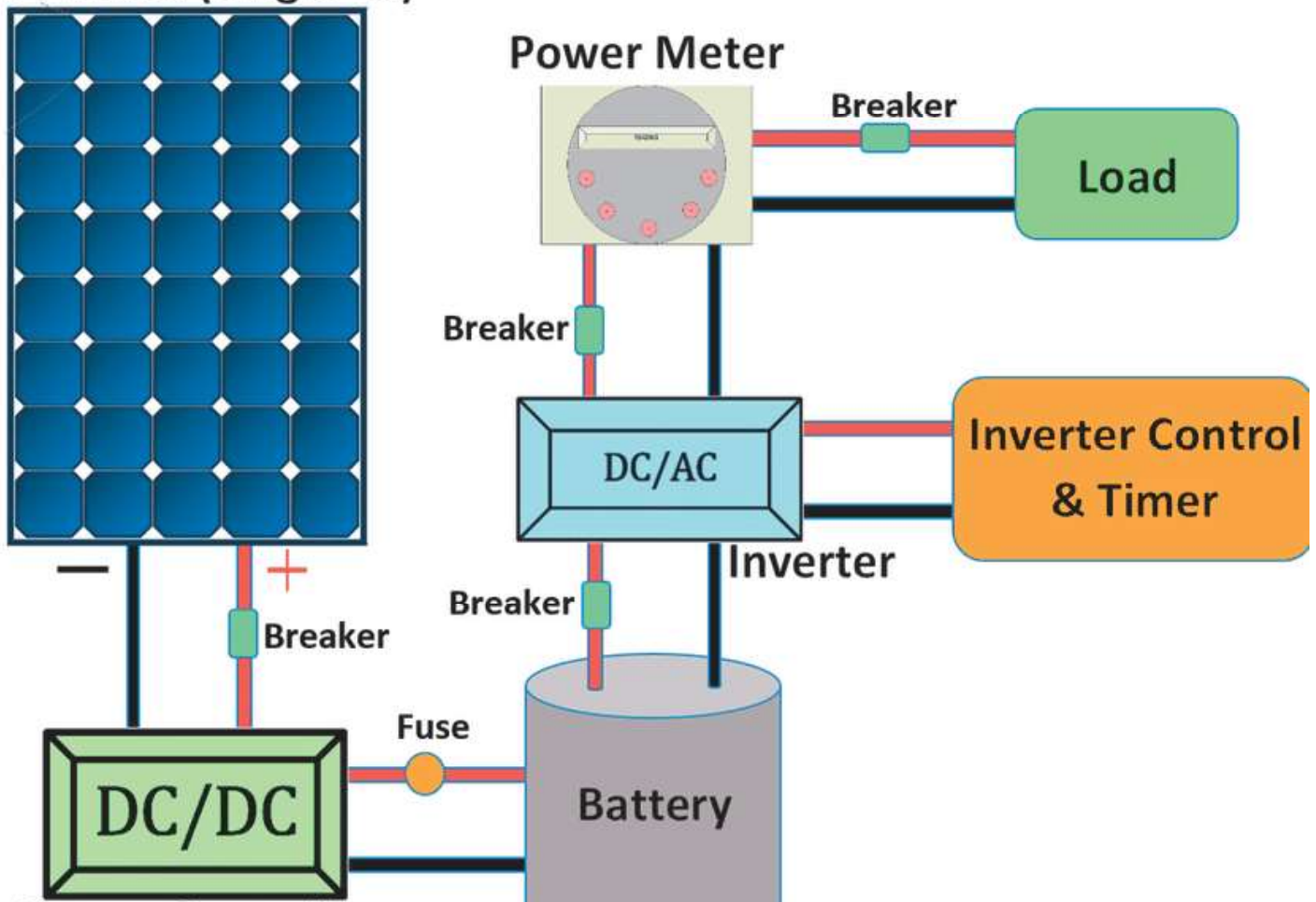
TransPacific Energy Solar Technology

Photovoltaics - Technology

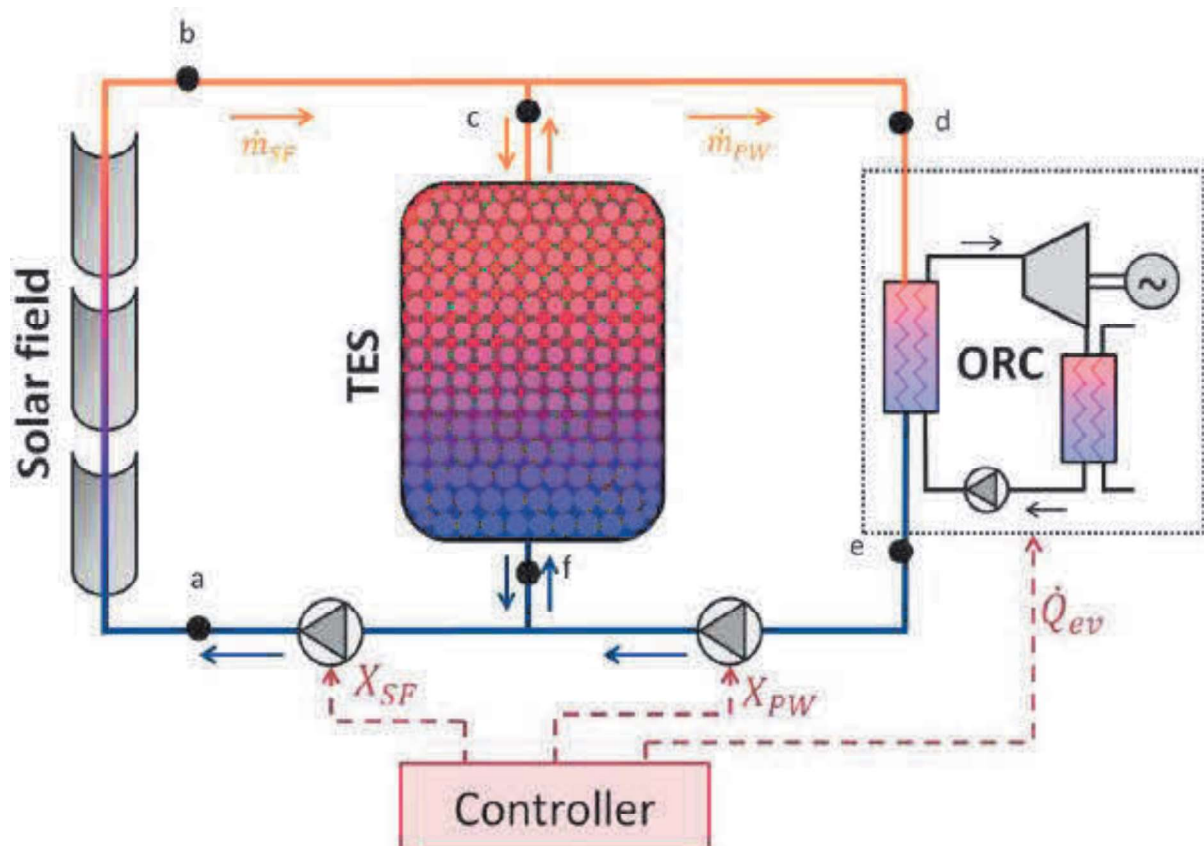
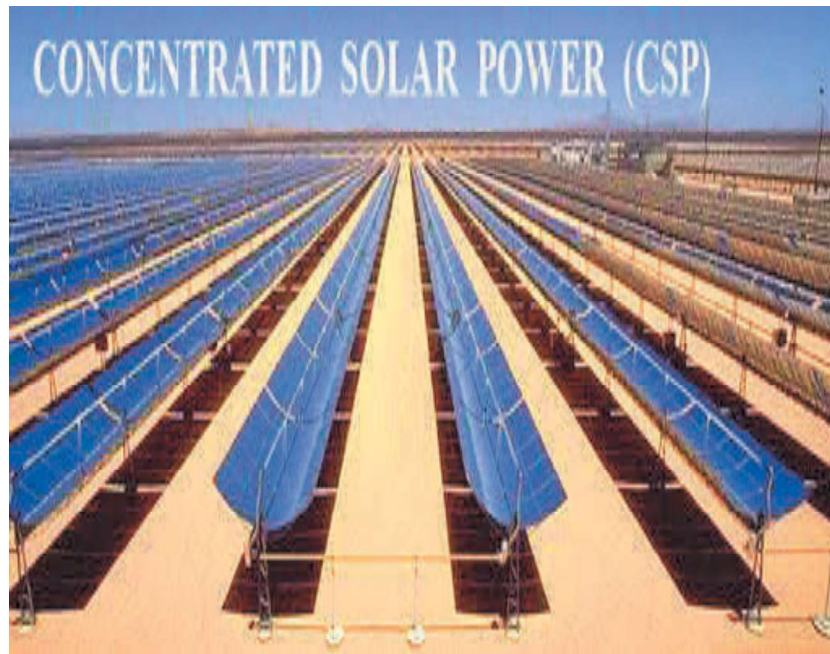


Using the sun to generate electricity

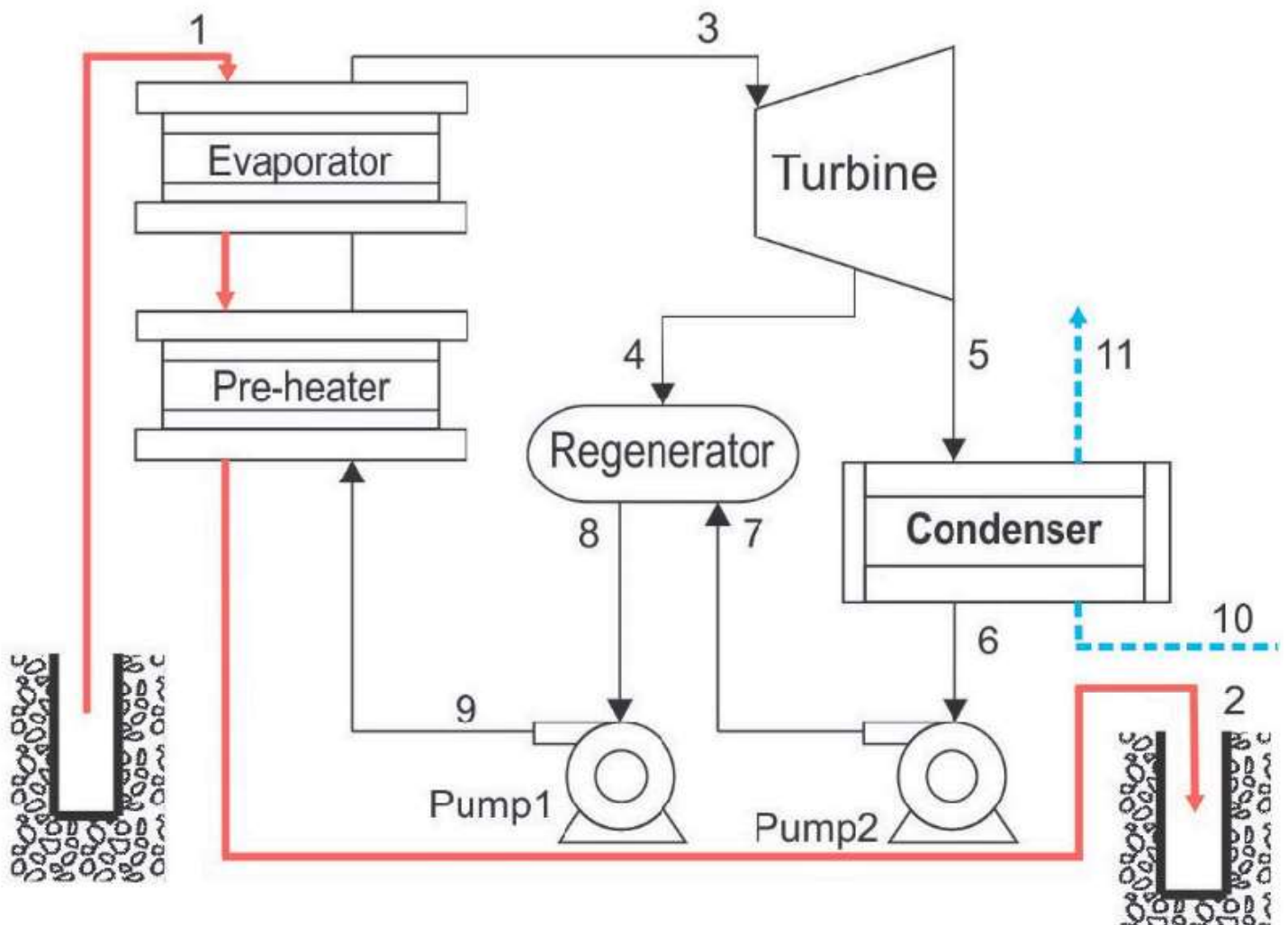
PV Panel (Single -Si)



CSP Integrated ORC Technology



TransPacific Energy Geothermal Technology

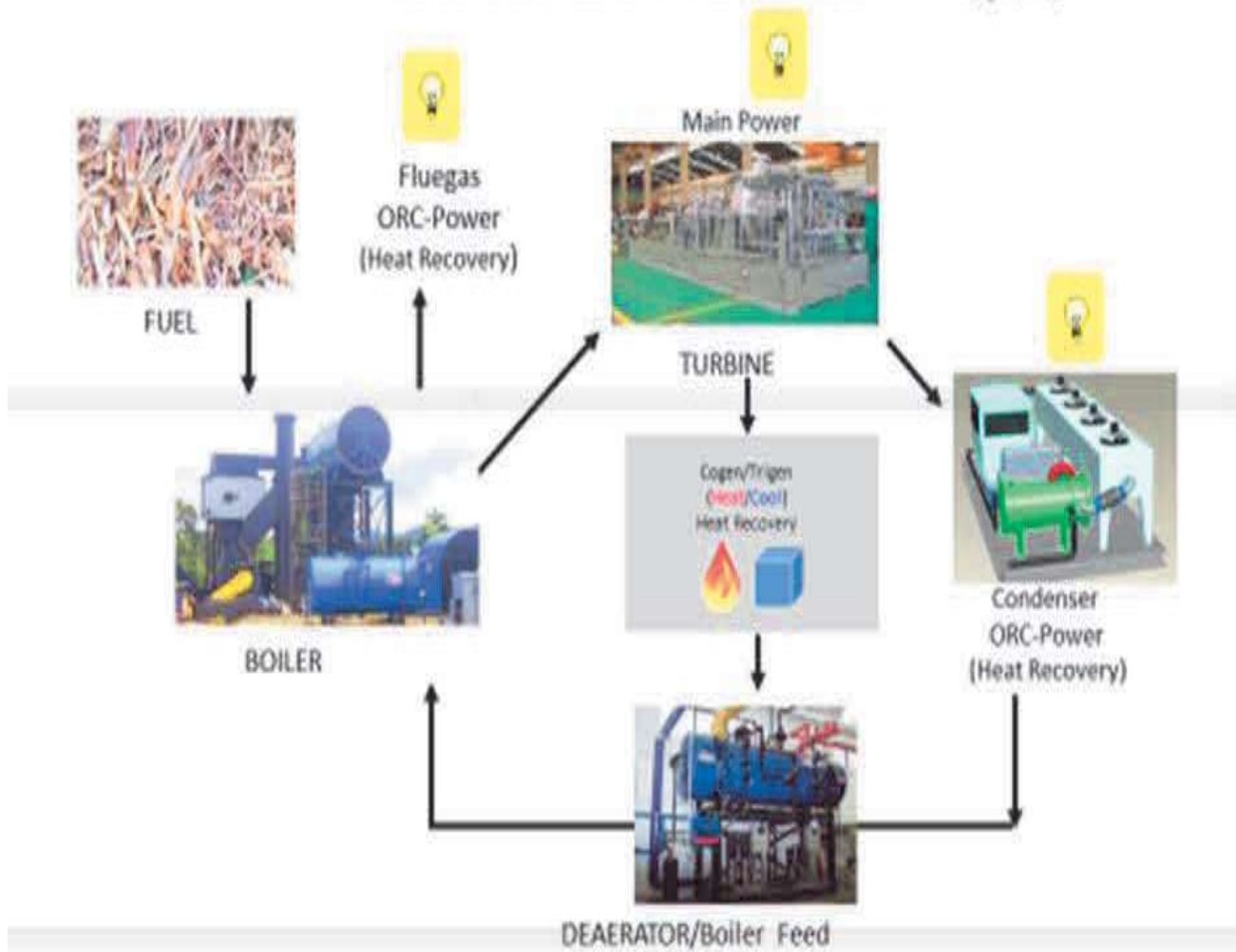


Biomass Energy Power Generation

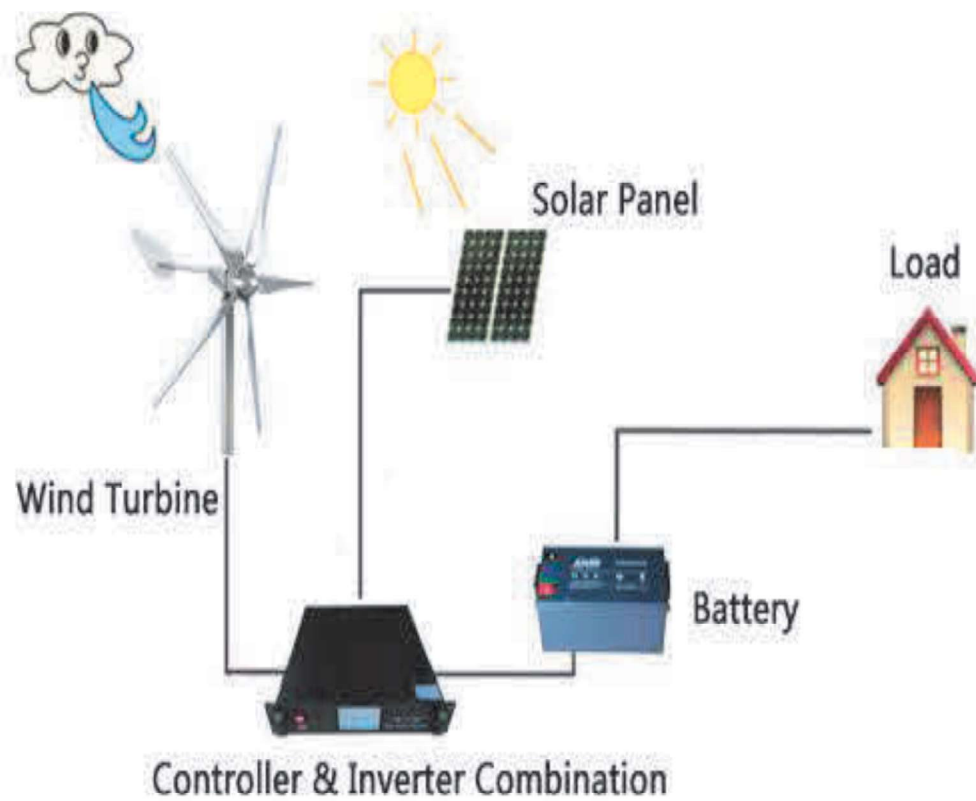
GES SuperPower System (Biomass-to-Power x 2)



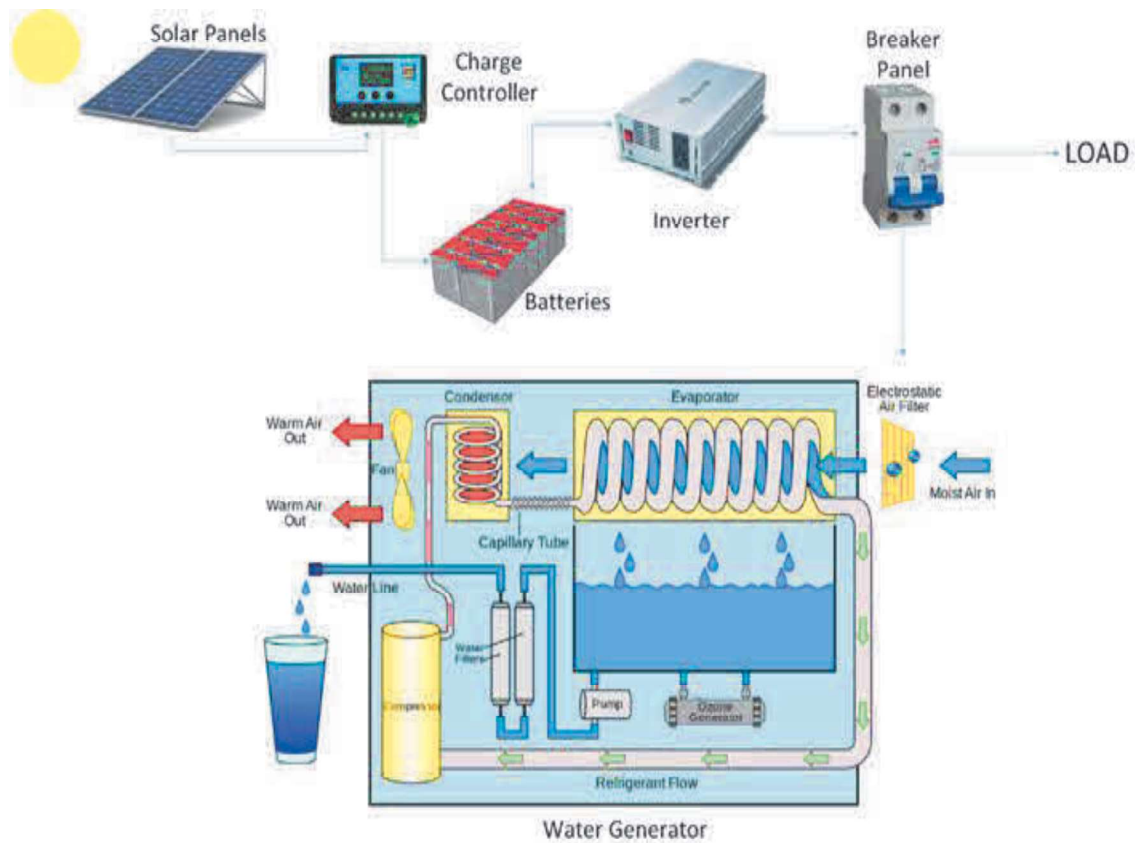
Global Energy Solutions, Inc.



TransPacific Energy Hybrid Technology



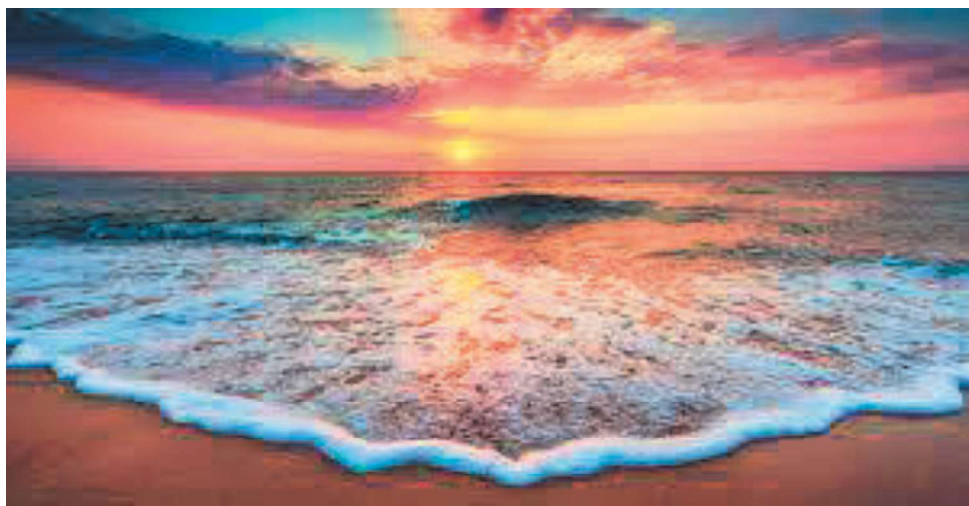
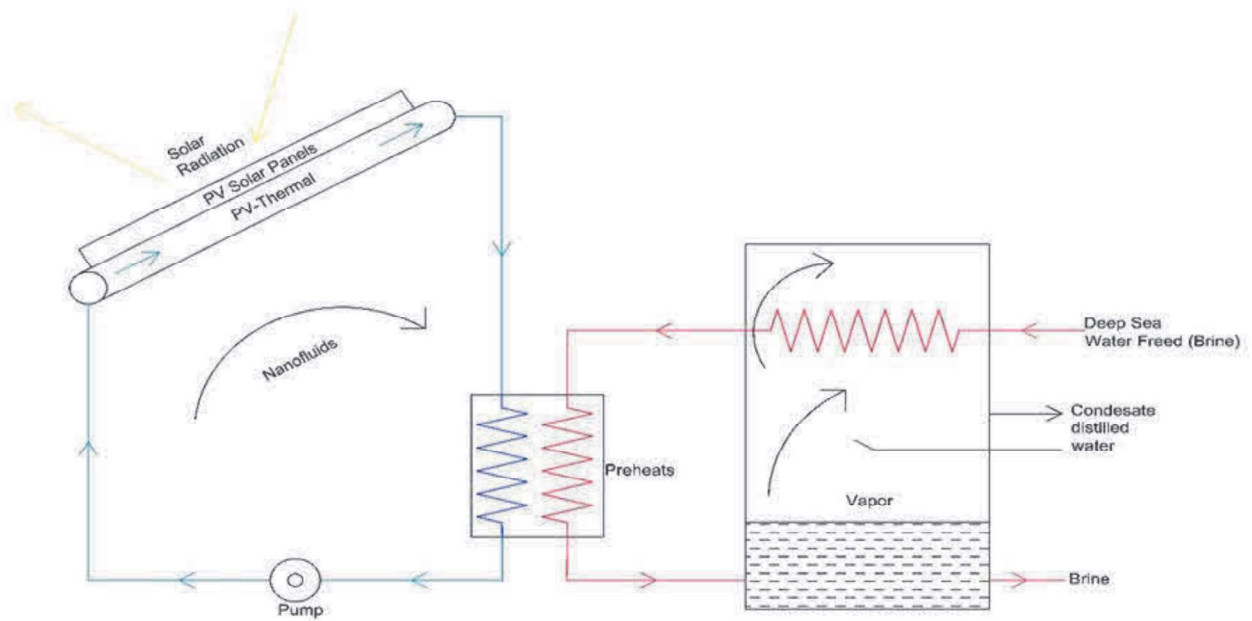
TransPacific Energy Solar Water Generator



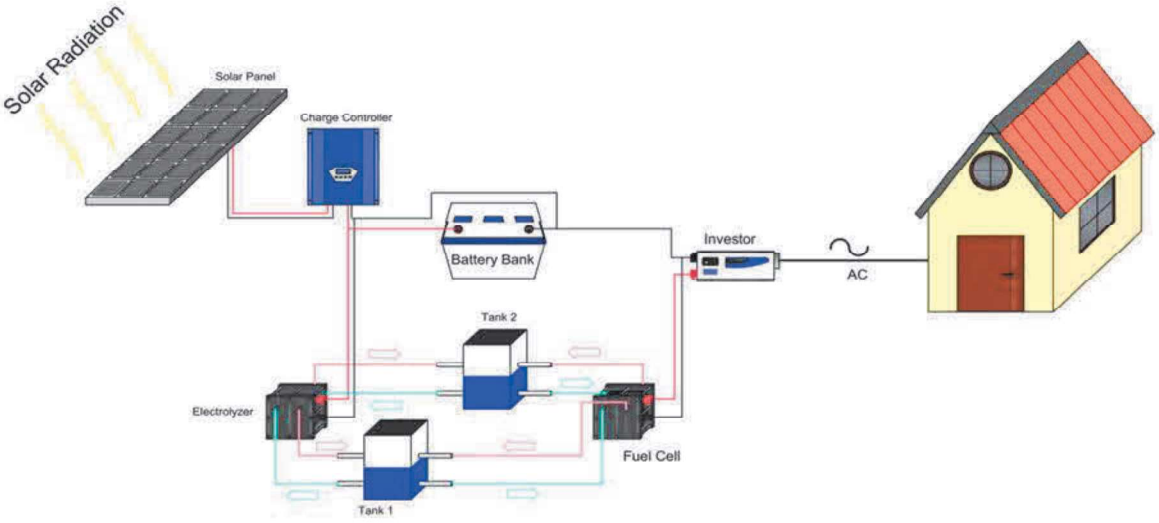
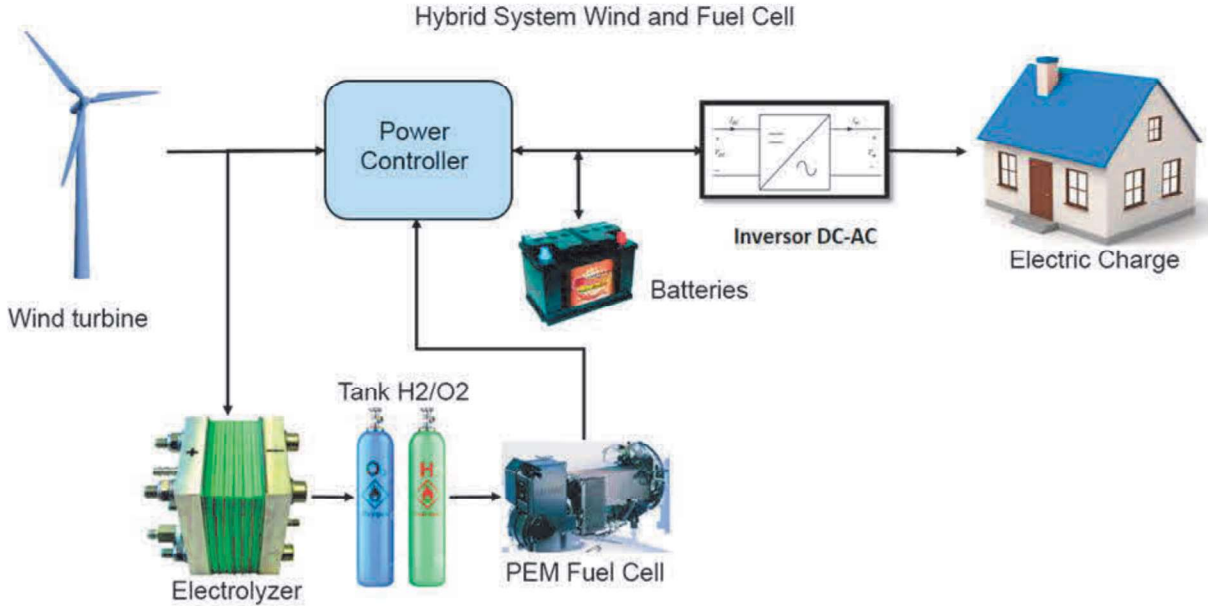
TransPacific Energy Solar Lights



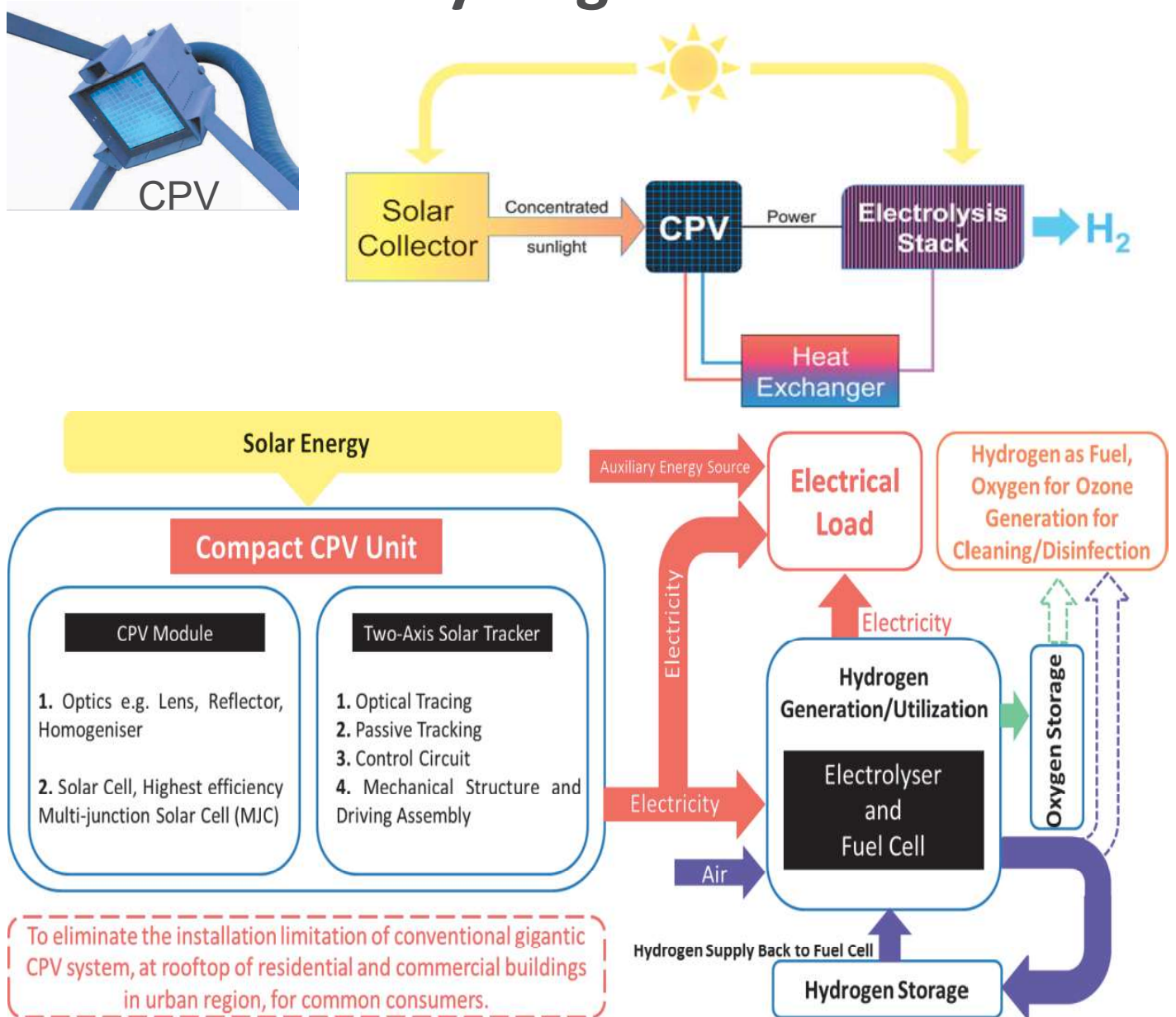
TransPacific Energy Desalination With PV-Thermal



Fuel Cell driven by Solar and Wind Energy for Hydrogen Production



CPV and Hydrogen Production



Application & Core Benefits

- Technology: CPV Hydrogen Plant is more efficient than any other existing Renewable Technologies.
- The overall energy efficiency of the Solar Hydrogen Plant is 28%.
- Economical: The lowest LCOH cost (1.38/kg H₂) in the Hydrogen industry (SMR \$2.08/kg)
- It can produce Electricity - Levelized Cost of Electricity (LCOE) - \$0.021/kWh