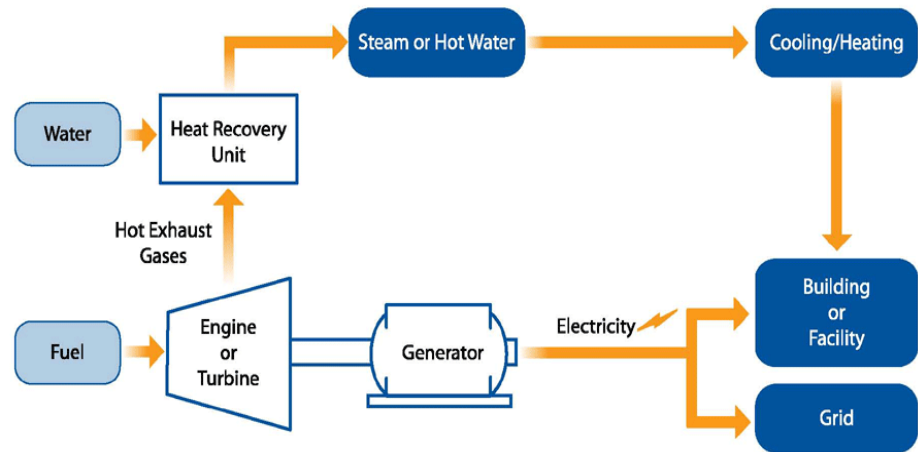


Combined Heat & Power (CHP)

Wesley Cole

Research Goals:

- Modeling, control, and optimization of CHP systems
 - Commercial Buildings
 - Residential Neighborhoods/Complexes
 - Coupling with Thermal Energy Storage
- Develop guidelines for implementing CHP



CHP provides a means of meeting both the electrical and thermal demands with a single energy source, allowing for system efficiencies of over 90%.