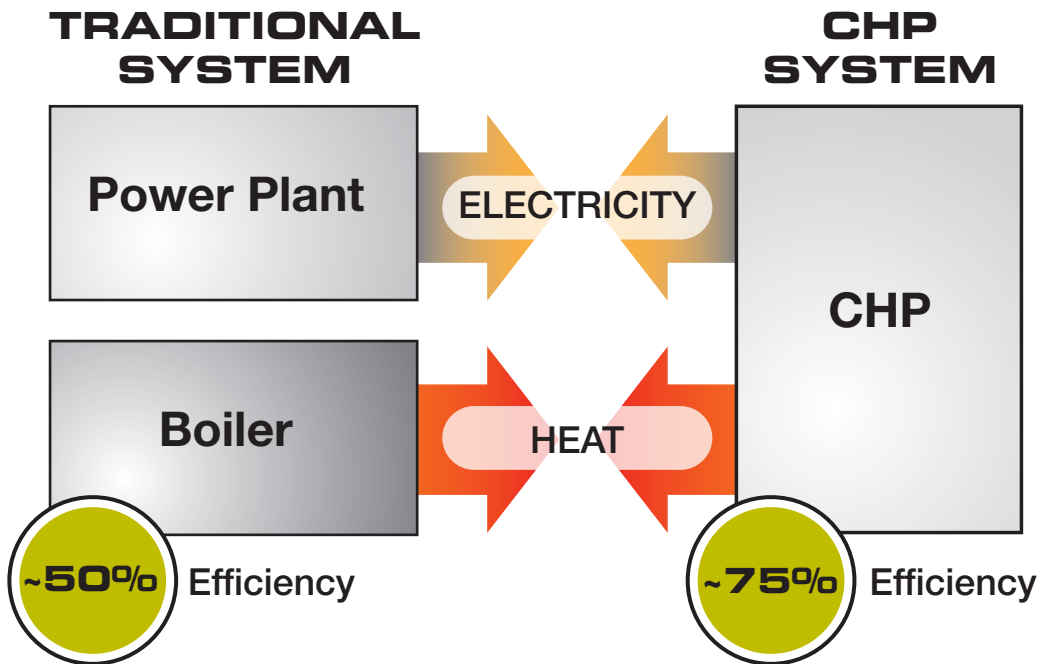


Combined Heat and Power (CHP) refers to the onsite production of electricity and thermal energy from the same fuel source. Integrating power and thermal energy production is more efficient than separate generating systems and used in the right situation can yield several benefits.

Combined Heat and Power

- A form of distributed generation
- An integrated system
- Located at or near a building/facility
- Provides at least a portion of the electrical load and uses thermal energy for:
 - Space heating/cooling
 - Process heating/cooling
 - Dehumidification

As shown in the figure below, CHP systems can operate at efficiency levels much higher than traditional systems.



CHP provides efficient, clean, reliable, affordable energy – today and for the future. It has the potential for application in the industrial, commercial, institutional and agriculture sectors.

The “Combined Heat and Power Resource Guide” for Iowa provides CHP permitting guidance for Iowa, a state and regional contact directory, financing incentive summary, and links to additional resources.
iowaeconomicdevelopment.com/CHP