



# ***Supporting Environmental Excellence***

## **CHP Project Resources and Assistance**

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# What is CHP?

- Combined Heat and Power (CHP) is the simultaneous production of electrical and thermal energy from one fuel source.
- By recovering the waste heat from electricity production or industrial processes and using it in a facility, system efficiencies are greatly increased.

# The benefits of CHP

- **Environment:** reduces GHG emissions
  - GHG inventory protocol available for CHP
- **Economic:** reduces energy costs
  - Good applications are very cost-effective
- **Reliability:** decreases impact of power outages
  - Can be designed to operate during blackout
- **Security:** increases national energy security
  - Distributed generation safer from threats

# EPA & Combined Heat and Power

- The EPA CHP Partnership is a voluntary program that seeks to reduce the environmental impact of power generation by fostering the use of highly-efficient CHP
- In the past 4 years, the CHPP has helped put into operation more than **100 CHP projects** representing **1,850 MW** of capacity.

# CHP Project Assistance

- CHP project development can be lengthy and difficult - sometimes years!
- The CHP Partnership acts as a clearinghouse for information and referrals and can provide technical assistance directly to those considering installation of CHP at their site.

# How Can We Help With Your Project?

- General information on CHP at our website [www.epa.gov/chp](http://www.epa.gov/chp)
- Check out “Is my facility a good candidate for CHP?” tab or call us to discuss
- Answer questions, provide referrals
- Technical assistance/ feasibility analysis
- Funding database coming soon
- Public recognition with the Energy Star CHP Award

# For More Information

## Contact:

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