

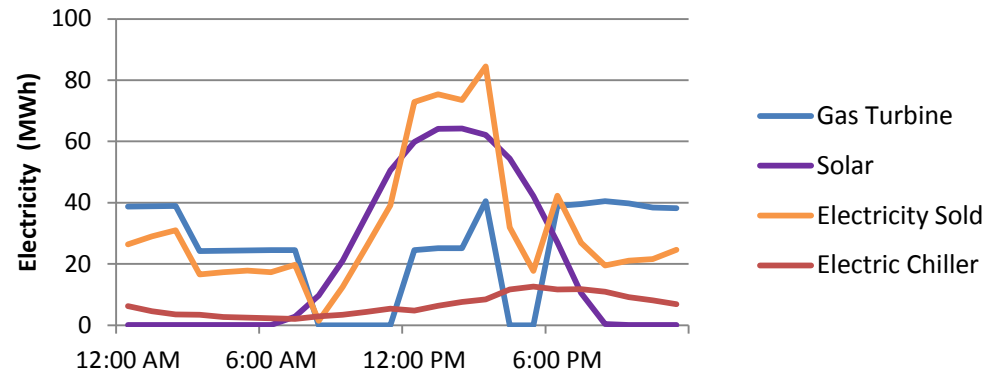
Combined Heat & Power for Residential Neighborhoods

Data-Driven Modeling, Optimization, and Control

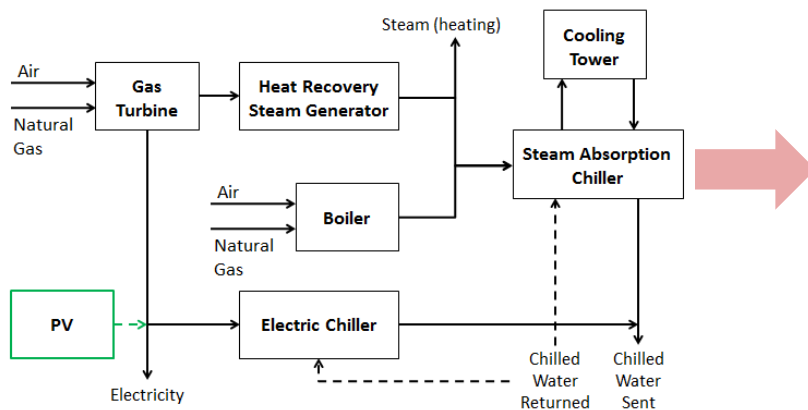
Residential Data

- Electricity demand
- Cooling demand
- Heating demand
- Solar power generation

Electricity Production



CHP Model



Cooling Production

