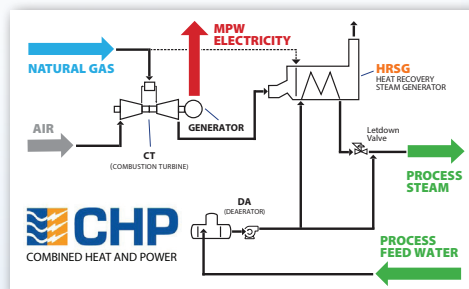


# EcoGen1 Powering the Future of Muscatine

## CHP – COMBINED HEAT AND POWER

*Provides Electricity and Useful Steam Energy for Industry*

- High Efficiency
- Clean Natural Gas - Lower Emissions
- Lower Water Usage - Lower Impact
- Useful Steam Output - Industrial Partnership
- Potential for “Future Fuels” like Hydrogen



## PART OF A BALANCED APPROACH

*Reliable, Affordable, Flexible and Sustainable*

- Dispatchable Energy for the Grid and Local Load
- Helps Maintain MPW's Historically Low Consumer Rates
- Allows Flexibility to Adopt and Incorporate New Technologies
- Complements Current Wind and Future Solar Developments



## NEARLY \$100 MILLION PROJECT

*Millions Already Invested to Commence the Project*

- Generation Certificate Awarded. Work Started. Equipment Ordered
- Maintains High-Skill, High-Paid, Permanent Jobs
- Creates 50-60 Construction Jobs
- Directly Benefits Customers and Local Economy



**IRA**  
PROGRAM WORTH  
**\$8-12**  
**MILLION**  
FOR THIS PROJECT



**INFLATION**  
**REDUCTION ACT**  
**2022**

**POWERING**  
**THE FUTURE**  
Muscatine Power and Water

**EcoGen**  
**1**   
COMBINED HEAT & POWER

CHP TECHNOLOGY IS ENDORSED BY  
EPA, US DOE AND IOWA EDA



U.S. DEPARTMENT OF  
**ENERGY**

**IOWA**  
conomic development