



# Energy Independent Communities: 25x25 Plan Grants Pilot Presentations 3<sup>rd</sup> Quarter Report

Tim Stone  
Town of Fairfield  
Eau Claire, WI  
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# Overview

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- **Energy Independence Team Members**
  - Individual Members
    - Reasons for including certain members
  - Team Meetings
- **Challenges/Opportunities**
  - Obstacles to share for future Energy Independence Teams
  - Beneficial information that has been gathered
- **Potential Projects**
  - Targets for funding (i.e. EECBG & others)
- **Renewable Energy Sources & Feedstocks**
  - Wind, solar, biogas, biomass, hydro, other



# Town of Fairfield

## Energy Independence Team

### Energy Independence Team Members

1. Tim Stone: Town of Fairfield Chair
2. Buddy Huffaker: Director of the Aldo Leopold Foundation (ALF)
  1. Chair of the Energy Independent Committee
    1. His experience with the first platinum LEED certified building, Legacy Center.
3. Dave Chesky: Facility Director for the International Crane Foundation (ICF)
  1. His experience with LEED certified buildings and the Foundation mission of conservation and energy efficiency.
4. Gene Larsen: Local Agri-business Owner
  1. Progressive businessman, former Town chair, and implementation of a geothermal heating unit.
5. Harold Spink: Town's Zoning Administrator
  1. Local area businessman, Direct link to town ordinances and regulations.
6. Kristi DuBois: Local Resident
  1. Resident Representative and Professional Engineer
7. Carolyn Moon: Adams-Columbia Electric Coop Board of Director
  1. Direct link to one of the Town's utility suppliers
8. Andrew Skwor: Professional Engineer with MSA Professional Services, Inc.
  1. Co-writer of Town's 25/25 grant application.
9. Jennifer Erickson: UW-Extension Representative





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### Team Meetings

Committee meets monthly at a minimum

### Challenges/Opportunities

#### CHALLENGES

- Initial challenge is to motivate political will to move towards 25/25
- Town has a lack of staff
- Not enough money
- Able to get residents apart of planning that have extensive experience in conservation and energy efficiency
- Recognizing the benefits of the data output

#### OPPORTUNITIES

- Not as much bureaucracy to deal with
- Not as much data to collect
- Infrastructure does not need much improvement because of lack of energy consumption



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### Potential Projects

- EPA Showcase Community Grant:
  - Construct a photo-voltaic array at the Town Hall
    - Achieves net-zero energy consumption
  - Gymnasiums and Pool Lighting Retrofit
  - B100 Utility Tractor for Town road maintenance
- Township Cooperative as an energy producer
- Energy Efficiency Community Block Grant (EECBG)
- Agri-Business Feedstock Cooperatives
- USDA grants and guaranteed loans



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### Renewable Energy Sources & Feedstocks

Wind: Not viable

- Currently energy buy back does not make this economically feasible
- Resources are minimal with few potential locations

Solar/Geothermal

- Best option in the township currently

Biogas (landfill, agriculturally-based)

- Looking at treating septage

Biomass (wood, prairie grasses, other)

- May become the Town's best resource with the amount of managed lands
- One third of the township is wooded
- Prairie grasses may be the best biomass with the amount of highly erodible soils within the township

Hydro

- Not viable





# Town of Fairfield Energy Independence Team

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**Additional Comments, Observations, Recommendations**

**None at this time!!!**

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