



SUSTAINABILITY & GREEN TECHNOLOGY

Alternative Sources of Energy

Currently, City facilities, including wells, fire stations, and city offices are powered with traditional electrical service. A review of alternative and sustainable sources of energy to include solar and wind power will allow the City to make informed decisions about the cost-benefit of utilizing these new sources of energy.

Questions / Issues:

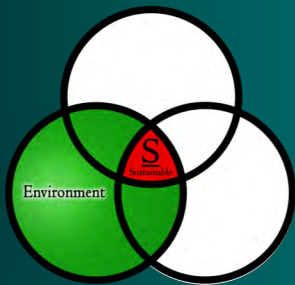
- What solar energy and other sustainable energy resources are available?
- Are these alternatives reliable and affordable?

Deliverables:

- Review and recommend opportunities for solar energy use and other alternative sources of energy for City infrastructure. The alternative energy sources should consider the scale, energy demand, and duty cycle of the City infrastructure in providing the recommendations.
- Forecast what options may be available in the near future.

Sustainability:

This project provides a sustainable environmental impact by reducing the use of fossil fuels in our community operations and aid in making long term decisions that could impact the economic vitality of the community. The project is consistent with the City Council 2013-2014 goal of building public infrastructure improvements designed to encourage private investment and implementing sustainable practices.



Staff/Partners

PROJECT LEAD

Christine Watson
Public Works Coordinator
Public Works Dept.

PARTNERS

Dakota Electric
Great River Energy
Minnesota Energy

