

# Solar Panel Proposal for Animal Control Facility

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# What is the Problem?



- Climate Change
- Coal Pollution
- Estimated 2% increase in electric utility rates
- Endless electric utility expenses

# A Solution to the Problem



- A 22kW DC Solar Ground Mount System
  - Levelized cost of electricity for at least 30 years
  - Solar power is clean and sustainable
  - Displacing CO2 emissions from annual electric use
  - Over 30 years, 766,870 pounds of coal not burned

# Solar Array



# Success Story

- Bainbridge Island, Washington has had solar panels on its city hall since 2012. It has made a positive impact on the city and its residents. *“My husband, John Cunningham, and I invested in the Bainbridge Island City Hall Community Solar Project primarily because it combines an opportunity to support our community using a sustainable technology and an innovative local investment model. We need more and more examples of this kind leadership and thinking in our region. It’s just plain smart” (Kathleen O’Brien: Bainbridge Island City Hall Community Solar Project participate).*

# Consideration & Request

- Seek proposals for installation of a ground mounted solar electric power system for the Animal Shelter Facility to reduce electricity costs and reduce the city's carbon footprint.
- This could be seen as a showcase project for the City and can help raise public awareness of the benefits of solar electric power for Lee's Summit!