

### Welcome!





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# Agenda



- **✓** Introduction to Geronimo Energy
- ✓ Introduction to Solar Energy
- **✓** Springfield Solar Project Overview



### INTRODUCTION TO GERONIMO ENERGY

**OUR FARMER-FRIENDLY APPROACH** 

### **About Geronimo Energy**



### **Expertise as Top U.S. Renewable Energy Company**

- Geronimo is a leading North American independent developer and operator of utility-scale renewable energy projects
- We have successfully developed over 2,400 megawatts (MW) of wind and solar projects (currently in operation or under construction)
- Our experienced team of ~100 professionals are experts in development, construction, and operations
- The 7,000+ MW Geronimo Energy pipeline stretches across the United States, including ~3,000 MW in advanced development phases



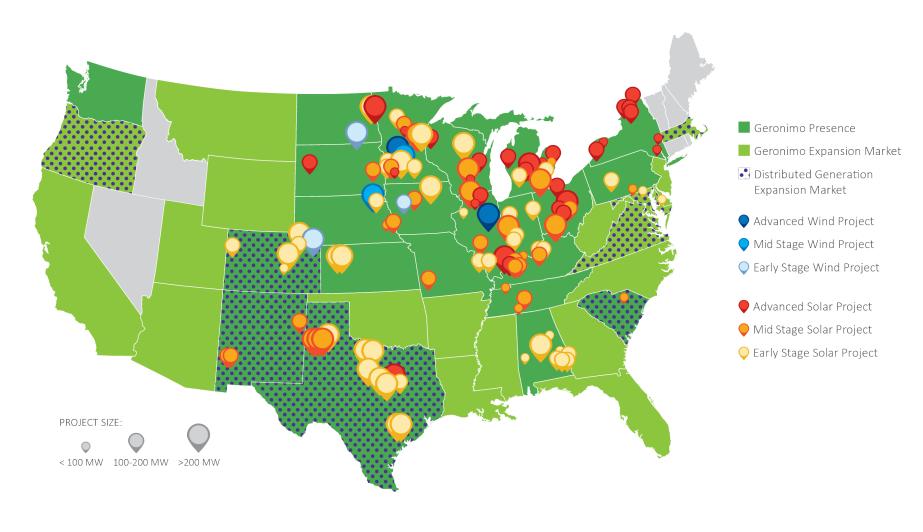
# Farmer-Friendly, Community-Driven





### Development Portfolio Map





### A National Grid Company



#### Who is National Grid?

- British based multinational electricity and gas utility company
  - Owns electricity transmission network in England and Wales, operates in Great Britain
  - Supplies 20+ million people in the NE US with electricity and gas
- Geronimo Energy is a subsidiary of National Grid's unregulated arm,
   National Grid Ventures, and is the company's renewable energy
   platform



#### What is the value-add to customers?

- Long-term Ownership Partner
  - We develop, construct, own and operate our projects.
- Financial Strength
  - National Grid is one of the largest and strongest energy companies in the world with a fortified balance sheet.
- Competitive Renewables
  - Scale and access to capital create efficiencies that result in lowcost renewable pricing.





### **SOLAR ENERGY PROJECTS**

HOW THEY WORK AND WHAT THEY LOOK LIKE



### **Typical Components**

- Inverters
- Modules/panels
- Racking
- Gravel access roads
- •Electrical components (e.g. cables, transformers, switchgears, control systems) and point of interconnection
- Security fencing and screening
- Stormwater retention areas
- Operation and maintenance shed





### **GRAVEL ACCESS ROADS / SITE PREPARATION**



Delphinus Community Solar



WasecaSun Community Solar



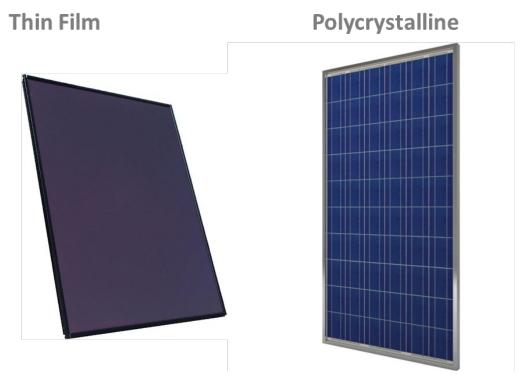
### **INVERTERS**







### **MODULES / PANELS**





#### **RACKING INSTALLATION**



Deneb Community Solar



Chisago Community Solar



### **RACKING**



**FIXED TILT** 



**TRACKING** 



#### **PANEL INSTALLATION**



St. Cloud Community Solar



Sunrise Community Solar



### **ELECTRICAL COMPONENTS / POINTS OF INTERCONNETION**



**Kramer Community Solar** 



**Gemini Community Solar** 

### Construction



### **RESTORATION AND RE-VEGETATION**



Koppelman Community Solar



St. John's Solar



#### **VEGETATION MANAGEMENT**

- Soil is prepared and seeded in the first year of operation
- Site inspections take place up to three times per year to assess growth and perform care if needed, including spot treatment for weeds
- Sites are generally mowed several times per year or grazed



Pegasus Solar



#### **DECOMMISSIONING**

- Components are removed and reused or recycled at the end of the project's useful life
- The site can be restored to its previous use or another use based on landowner wishes
- Soil quality generally has improved on sites previously used for agriculture as soils have rested/lain fallow during the project's life



Pegasus Solar



### WHAT DOES IT LOOK LIKE FROM THE ROAD?



**Before--Blue Sone Solar** 

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### WHAT DOES IT LOOK LIKE FROM THE ROAD?



**After--Blue Sone Solar** 

# **Solar Project**





# Solar Project





### Solar Projects Are Good Neighbors



#### **SOLAR PROJECTS ARE GOOD NEIGHBORS**

- No harmful pollutants or negative health impacts, no air or water emissions
- No odor and minimal sound produced
- Provide wildlife habitat
- Improve water quality as compared to previous agricultural use; Let soils rest and lie fallow during project life
- Reduces impacts from power generation as compared to more traditional power plants
- Does not require extension of services
- Perennial meadow plantings increase soil stability, improve infiltration, and help promote biodiversity
- Low profile





**Project Specifics** 

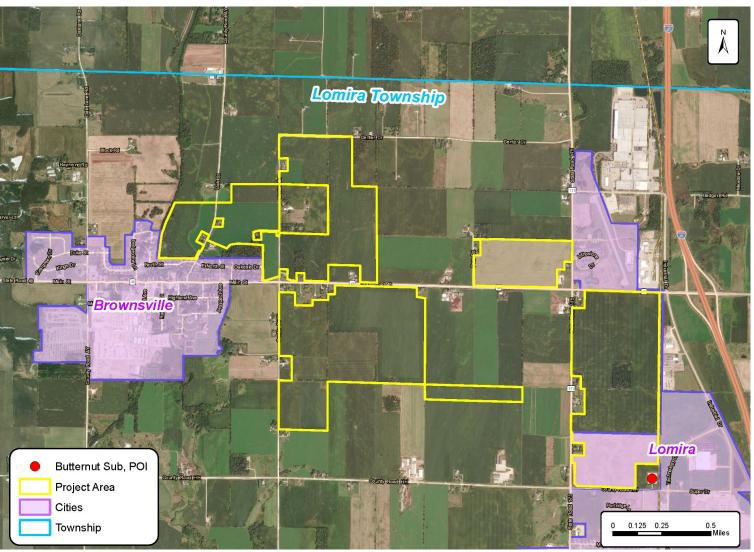


#### **ECONOMIC BENEFITS:**

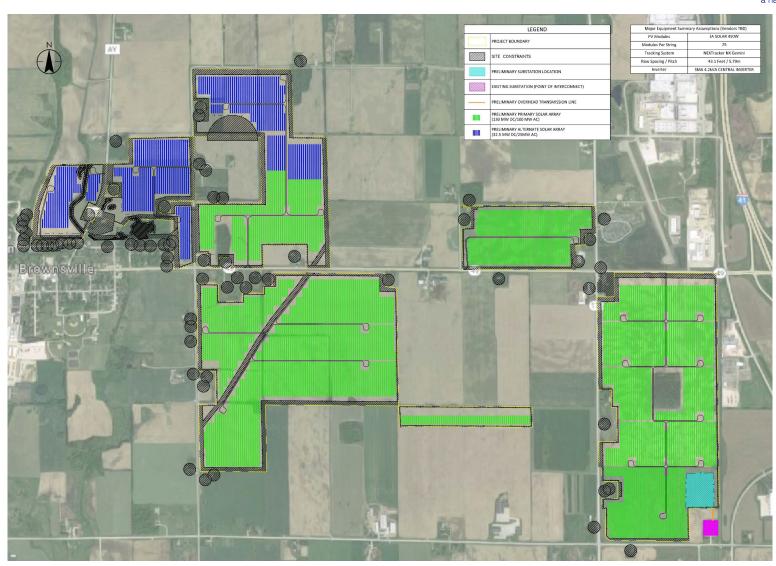
- Will generate enough energy to power electricity usage of approximately
   20,000 homes annually
- ~\$116 million in Capital Investment
- 3 Full-time equivalent jobs
- 150+ Temporary construction jobs
- Increased local spending
- Unique to Geronimo: utility-scale solar projects receive Education Funds (501c3)
- \$10 Million in Utility Shared Revenue Payments
- Does not require additional services











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