



# GERONIMO<sup>®</sup> ENERGY

a nationalgrid company



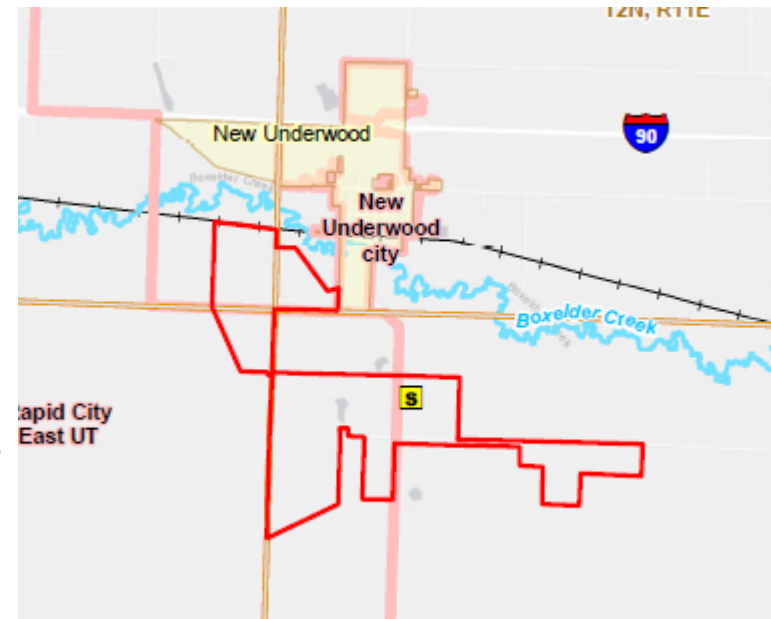
# Wild Springs Solar

## Project Developer

- Wild Springs Solar, LLC, a wholly owned subsidiary of Geronimo Energy, LLC, a National Grid Company
- We develop, construct, own, and operate renewable energy projects
- 2,400 MW of wind and solar in operation or under construction
- ~100 utility-scale and community solar projects completed

## 128 MW Solar Energy Facility

- Located south of New Underwood in Pennington County
- Project Area ~1,499 acres with voluntary lease agreements
- Interconnect to the WAPA New Underwood Substation
- PPA executed for 2022 COD with construction as early as fall 2021





✓ ~150 construction jobs, ~4 full-time jobs



✓ ~\$12 million in new tax revenue over 20 years



✓ ~\$190 million in capital infrastructure improvements



✓ ~\$500,000 in new charitable funding for host community over 20 years – unique to Geronimo



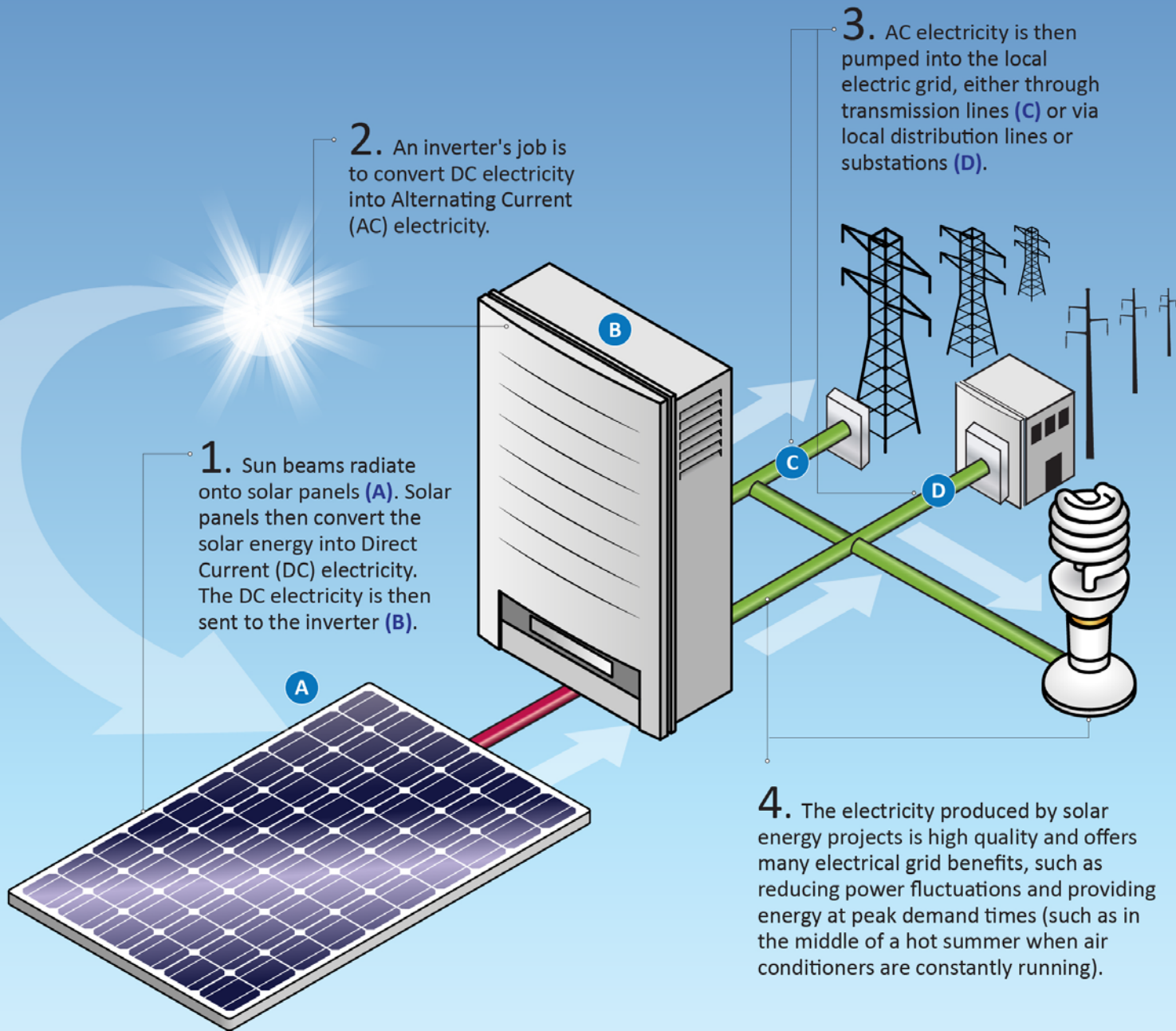
✓ Hundreds of thousands in increased local and state spending

# Permitting Overview and Field Studies

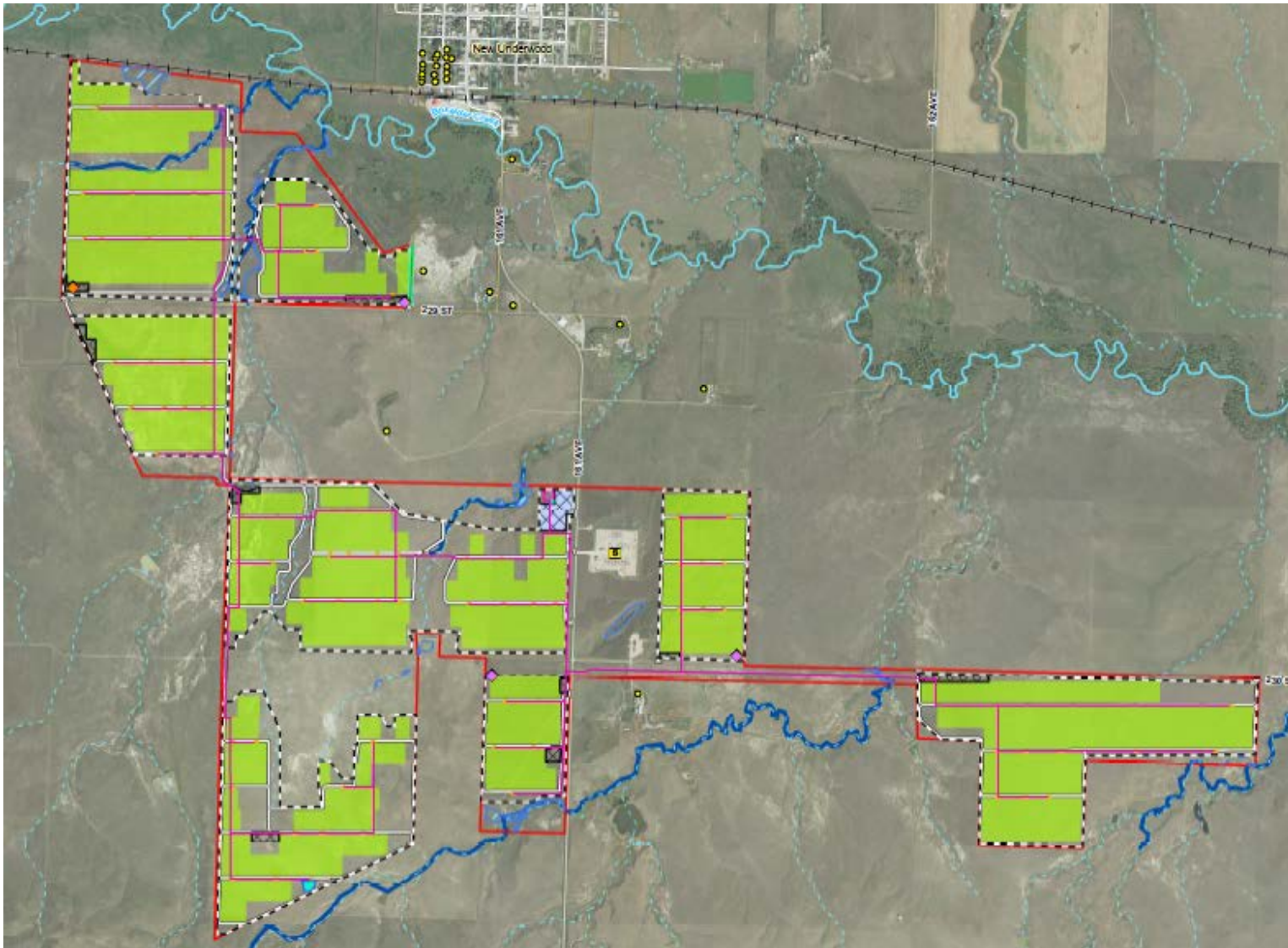
- Local: Conditional Use Permit from Pennington County
- State: Facility Permit from the SD PUC
- Federal: Environmental Assessment/FONSI from WAPA



STUDY	STATUS
Sharp-tailed Grouse and Greater Prairie Chicken Lek Surveys	Complete – No Leks Identified in 2017 or 2020
Ground Based Raptor Nest Surveys	Complete – No Raptor Nests identified in Project Area
Wetland Delineations	Jurisdictional Determinations Received
Cultural Resource Surveys	SHPO Concurrence Received
Breeding Bird Surveys	(June 2020 and years 2 & 4 post construction)



# Solar Project Footprint



# What Does it Look Like Inside the Fence?

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# What Does It Look Like from a Road?





# What Does It Look Like from a Road?



# Key Parts of a Solar Facility – Access Roads



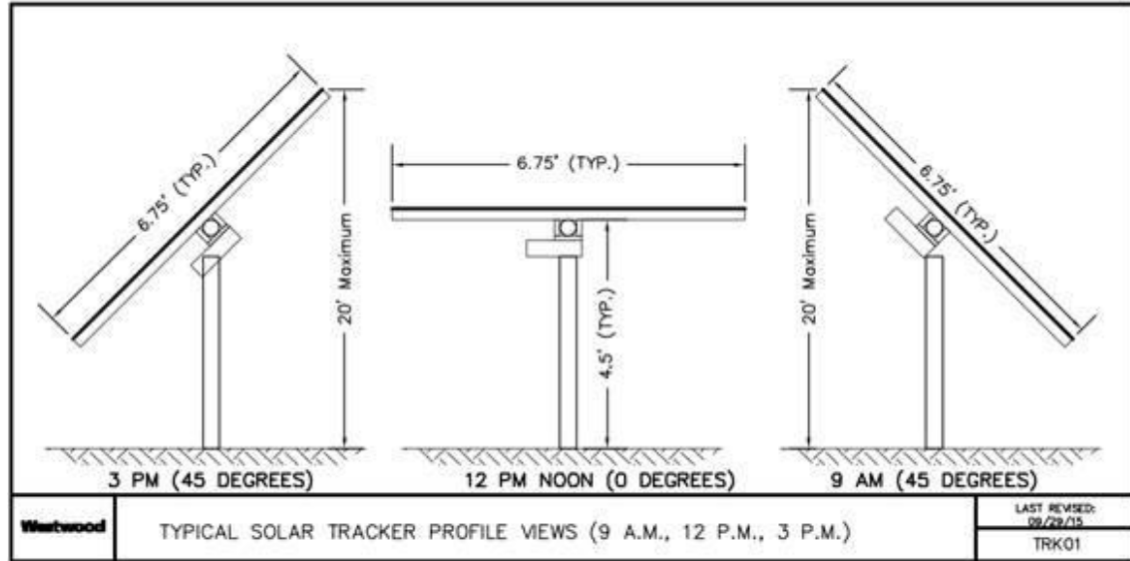
# Key Parts of a Solar Facility – Delivery



# Key Parts of a Solar Facility – Pier Installation



# Key Parts of a Solar Facility – Solar Array

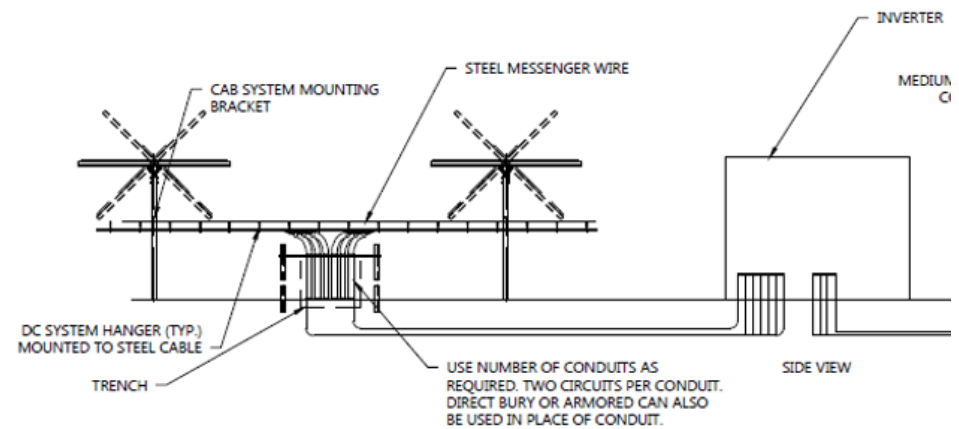


# Key Parts of a Solar Facility – Elect. Collection

- Electrical collection system will be installed below-ground, above-ground, or a combination of both:
- Below-ground: DC collection providing power to the inverters and AC collection providing stepped up power from inverter skids to substation trenched or ploughed.
- Hybrid: DC collection providing power to the assigned inverter/transformer skid strung above-ground under panels. AC collection providing stepped up power from inverter skids to substation trenched or ploughed.



*Trenching cables*



*Above-ground DC*

# Key Parts of a Solar Facility – Substation



# Key Parts of a Solar Facility – Restoration/Revegetation





# Contact Information

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