

# New Generation and Transmission Gas Delivery & Solar Update\*

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\*Previously referred to as Power with Purpose Projects

# New Generation & Transmission Update

## Agenda

- Standing Bear Lake Station & Turtle Creek Station
- Platteview Solar

# Standing Bear Lake Station & Turtle Creek Station



# New Generation & Transmission Update

## Standing Bear Lake Station

- Site Progress: 70.7%
- Construction activities
  - Substation: completed connections between breakers and associated switches; finishing generator step-up transformer final installation/tests
  - Transmission: Structures are being erected on site
  - Generation: erection of engine exhaust ductwork with installation of insulation; fire water pump house set on foundation
  - Challenges: supply chain delays impacting schedule including project costs



*Engine Horizontal Ductwork/Insulation to Stack*



*Facing Southeast - Generator Step-Up Transformer*



*Facing Southeast - Fire Water Pump House*



*Facing South - Substation*

# New Generation & Transmission Update

## Turtle Creek Station

- Site Progress: 67.3%
- Construction activities
  - Substation: held turnover kickoff meeting and conducted preliminary quality control walkdown
  - Generation: progress on water treatment building; continued erection of stacks for units 1 and 2; station service transformers on foundations
  - Challenges: Commissioning efforts



*Substation*



*Water Treatment Building*



*Facing North– Unit #1 Stack Erection*



*Station Service Transformers on Foundation*

# Solar Update



# Platteview Solar

## September Project Status Update

- OPPD substation Progress: 98% (awaiting tie to AES facility)
- AES (Blue Ridge Power - EPC) Construction Progress: 65%
- Ongoing Activities
  - AES civil, structural, electrical design packages issued
    - Civil work activities are complete
    - AES substation construction in progress
    - Installation progress by parcel:
      - South: Module installation, stringing wire under modules
      - Central: Finishing racking
      - North: Finished pile installation and beginning racking
    - Install underground direct current and medium voltage cables
    - All modules are on site
  - Project team regular updates with Saunders County



*Platteview Solar – Racking & Module Installation*



*OPPD Substation – Bus Extension to AES Collector Substation*





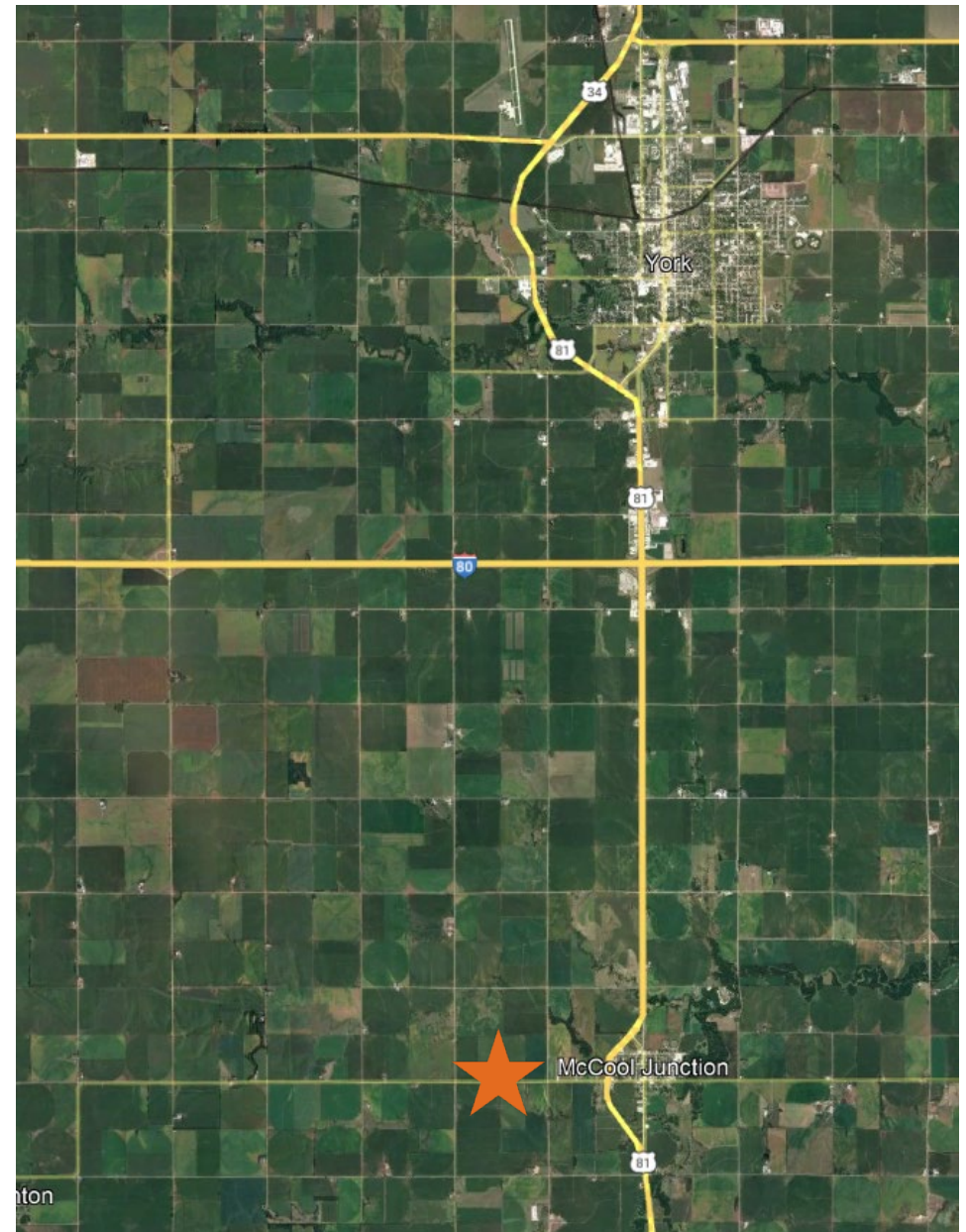
*Platteview Solar – Aerial of South Parcel*



# K Junction Solar

## September Project Status Update

- Generation Interconnection Agreement between OPPD, NPPD, and SPP effective August 1, 2023
- Project Team evaluating documentation and project schedule
- Continuing community engagement and communication
- Supporting York County and the Village of McCool Junction on the development of solar regulations
- Begin working with NPPD on the timeline of the associated transmission/facility upgrades



★ General solar facility location