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

Information as of September 1, 2023
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

Information as of September 1, 2023
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

As of August 31, 2023

Platteview Solar – Racking & Module Installation

OPPD Substation – Bus Extension to AES Collector Substation

Design & Engineering
Construction
Operation

Site Preparation
Commissioning

As of August 31, 2023
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