

# New Generation & Transmission 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
- Solar

# Standing Bear Lake Station & Turtle Creek Station



# New Generation & Transmission Update

## Standing Bear Lake Station

- Site Progress: 73.9%
- Construction activities
  - Substation: installing static cable; testing within control house; erecting fencing around substation yard
  - Transmission: Structures complete and conductor installation in progress.
  - Generation: prep for pour of emergency diesel generator, gas heater, and transformer foundations; insulation install on service water & urea tanks
  - Challenges: supply chain delays impacting schedule including project costs



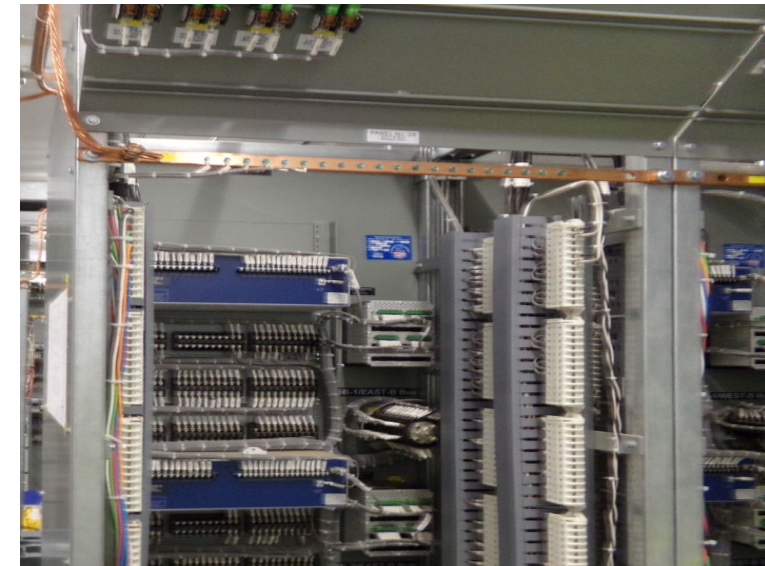
*Substation Static Cable Mast Install*



*Facing West – Emergency Diesel Generator Foundation*



*Facing North – Service Water/Urea Tanks Insulation*



*Substation Control House*

# New Generation & Transmission Update

## Turtle Creek Station

- Site Progress: 68.9%
- Construction activities
  - Substation: resolving items identified during substation walkdown
  - Generation: staging isophase bus duct for unit #1, erection of fuel building; heavy haul transport of generator step-up transformers
  - Challenges: Commissioning schedule and optimization



*Fuel Building Erection*



*Facing South – Substation Aerial*



*Generator Step-Up Transformer*



*Facing East - Unit #1 Isophase Staging*

# New Generation & Transmission Update



*Facing East – Aerial SBLs, September 2023*



*Facing North – Aerial TCS, September 2023*

# Solar Update



# Platteview Solar

## October Project Status Update

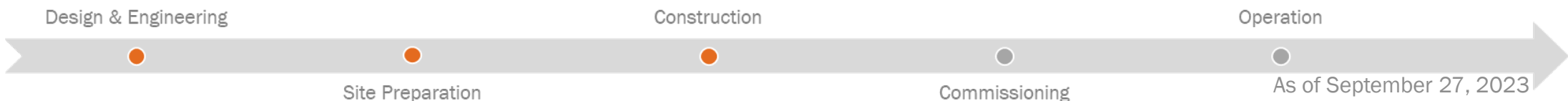
- OPPD Substation Progress: 98% (awaiting tie to AES facility)
- AES (Blue Ridge Power - EPC) Construction Progress: 70%
- Ongoing Activities
  - AES civil, structural, electrical design packages issued
    - Civil work activities are complete
    - AES substation construction in progress
    - Installation progress by parcel:
      - South & Central: Module installation complete; Module wiring and setting inverters in progress
      - North: Module installation 90% complete; Module wiring in progress
    - Install underground direct current and medium voltage cables
  - Project team developing documents for Commissioning & Operation



*Platteview Solar – Racking & Module Installation*



*OPPD Substation – Bus Extension to AES Collector Substation*







*Platteview Solar – Aerial of South Parcel*



*Platteview Solar – Aerial of Central Parcel*

# K Junction Solar

## October Project Status Update

- Generation Interconnection Agreement between OPPD, NPPD, and SPP effective August 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
- Efforts with NPPD on the timeline of the associated transmission/facility upgrades



★ General solar facility location