



# Power with Purpose Update Committee Meeting

January 17, 2023



# Power with Purpose Update

## Agenda

- Standing Bear Lake Station & Turtle Creek Station
- Solar

# Standing Bear Lake Station & Turtle Creek Station



# Power with Purpose Update

## Standing Bear Lake Station

- Site Progress: 41.9%
- Engineering activities
  - 90% design review on 12/6/2022
- Construction activities
  - Substation: ground grid installation, concrete duct bank pours, steel support installation
  - Generation: generator step-up transformers delivered to foundations, engine hall erection commenced
  - Wartsila completed engine assemblies, received generators



*Wartsila Engine Assembly, OPPD Staff Observance*



*Facing South – Substation and Generation Construction Progress, 12/11/2022*



*Generator Step-Up Transformer on foundation  
Information as of January 5, 2023*

# Power with Purpose Update

## Turtle Creek Station

- Site Progress: 43.2%
- Engineering activities
  - 90% design review on 12/7/2022
- Construction activities
  - Substation: ground grid installation, concrete duct bank pours, steel support installation
  - Generation: erection administrative building and walls; underground piping and ducts
  - Heavy hauls of gas turbines and generators complete; unit #1 gas turbine set on foundation



*Facing South – Substation*



*Gas Turbine #1, OPPD Staff Observance*



*Siemens Energy Heavy Haul Gas Turbine #2*

*Information as of January 5, 2023*

# Solar Update



# Platteview Solar

## January Project Status Update

- Ongoing Activities
  - OPPD substation construction is ongoing
  - Electrical, Civil and Structural 60% design packages for solar facility are under review
  - Site prep work: pivot removal complete, capping of wells and removal of concrete pads in progress
  - Driving of the structural piles will begin as ground begins to thaw (weather dependent)
  - The project team has regular meetings with Saunders County leaders and the community to provide project updates



Construction work for interconnection at OPPD's substation



Design & Engineering

Construction

Operation

Site Preparation

Commissioning

As of January 6, 2023