



Power with Purpose Update Committee Meeting

August 15, 2023



Power with Purpose Update

Agenda

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

Standing Bear Lake Station & Turtle Creek Station



Power with Purpose Update

Standing Bear Lake Station

- Site Progress: 65.5%
- Construction activities
 - Substation: wire being terminated in the control house; rock and fence installation in the yard; assembly of auxiliary equipment to transformers
 - Generation: all nine engines and associated generators aligned and coupled; all power distribution centers on site; lube oil tanks set; Wartsila training commenced for OPPD staff
 - Challenges: supply chain delays impacting schedule including project costs



OPPD Staff at Wartsila Training



Facing West – Power Distribution Centers



Engine/Generator Alignment/Coupling



Facing Northeast – Substation

Power with Purpose Update

Turtle Creek Station

- Site Progress: 63.9%
- Construction activities
 - Substation: control house delivered to site; wire terminations in progress
 - Generation: NNG remobilized to gas yard; erection of enclosures and stacks for units 1 and 2
 - Challenges: Generator Step-up Transformers and commissioning efforts



Substation



Facing Northwest – Unit #1 Turbine Enclosure



Facing Northwest – Unit #1 Stack Erection



Substation Control House Wire Termination

Power with Purpose Update



SBLs: Facing North, Aerial View



TCS: Facing Northeast, Aerial View

Solar Update



Platteview Solar

August Project Status Update

- OPPD Substation Progress: 98%
- AES Progress: 50%
- AES (Developer) and Blue Ridge Power (EPC) are responsible for site construction and AES for long term operation and maintenance
- Ongoing Activities
 - OPPD interconnect substation construction complete, awaiting tie to AES facility
 - AES Civil, Structural and electrical design packages Issued For Construction
 - Civil work activities including site access, grading cuts and fills, laydown and office areas, and perimeter fence erection are complete
 - Installation of piles, racking and trackers in progress
 - Installation of underground direct current (DC) and medium voltage cables in progress
 - Module delivery in progress, installing started in late July
 - Project team has regular meetings with Saunders County leaders and the community providing project updates



Platteview Solar

August Project Status Update



Platteview Solar – Pile Driving



Platteview Solar – Racking Installation



OPPD Substation – Bus Extension to AES Collector Substation



Platteview Solar – DC Trenching