ITEM

Power with Purpose; Natural Gas Generation and Energy Delivery Updates

PURPOSE

Provide updates on Power with Purpose projects for June 2022.

TURTLE CREEK STATION & STANDING BEAR LAKE STATION FACTS

1. Engineering and procurement activities are in progress and construction activities are commencing by Zachry Group, as the Engineer, Procure, and Construct (EPC) vendor for both the Turtle Creek and Standing Bear Lake Stations’ generation facilities and substation infrastructure. Activities include mobilizing the substation subcontractor, initial foundation work, and preparations for major equipment deliveries.

2. Preliminary grading continues at both Turtle Creek Station and Standing Bear Lake Station.

ENERGY DELIVERY FACTS

1. Easement negotiations for the Sarpy Southwest Transmission Project (SSWTP) are complete with 96% of the easements achieving voluntary agreement and only one easement was acquired through the statutorily defined Eminent Domain Process.

2. Construction on both the transmission and substation work is progressing well with the 144th and Capehart Road Substation and the first transmission circuit targeting completion in August 2022.

RECOMMENDED:

Troy R. Via
Chief Operating Officer & Vice President
Utility Operations

APPROVED FOR REPORTING TO BOARD:

L. Javier Fernandez
President and Chief Executive Officer

TRV:maw
Power with Purpose Update

Agenda

• Turtle Creek Station & Standing Bear Lake Station
• Transmission & Substation
• Stakeholder Outreach & Communication
Power with Purpose Update
Turtle Creek and Standing Bear Lake Stations

• Standing Bear Lake Station
  – Preliminary grading continues, ~90% Complete
  – EPC activities
    • Auger piling foundations commenced
    • Substation mobilization (June 2022)
  – Wartsila equipment delivery (Fall 2022)

• Turtle Creek Station
  – Preliminary grading continues, ~90% Complete
  – EPC activities
    • Auger piling foundations commenced
    • Substation mobilization (May 2022)
  – Major equipment
    • Siemens Combustion Turbines, witness testing
    • Delivery to site (Fall 2022)

Information as of June 3, 2022
Power with Purpose Update
Turtle Creek and Standing Bear Lake Stations

SBL Station (auger piling setup)

Siemens Generator Witness Testing

Turtle Creek Station (auger piling)

Information as of June 3, 2022
Power with Purpose Update
Transmission & Substation

• Sarpy Southwest Transmission Project
  – Easement acquisition complete (96% voluntary)
  – Right of way vegetation clearing complete
  – Foundations: ~18% complete
  – Material deliveries on schedule

• Remote End Substations
  – 144th and Capehart Substation (new)
    • Construction: ~90% complete
    • Commissioning: (Jun-Aug 2022)
  – 180th and I-80 Substation (expansion)
    • Foundations Complete
    • Above grade construction begins June 2022
Stakeholder Outreach and Communication

• OPPDCommunityConnect banners placed at each site

• OPPDCommunityConnect cards provided to onsite team for anyone approaching with questions

• OPPDCommunityConnect project page updates
  - Standing Bear Lake project page
  - Turtle Creek Station project page
  - Sarpy Southwest Transmission Project

• 1:1 touchpoints with MUD, HOAs and neighbors, as needed