NEW GENERATION & TRANSMISSION UPDATE

11.17.26

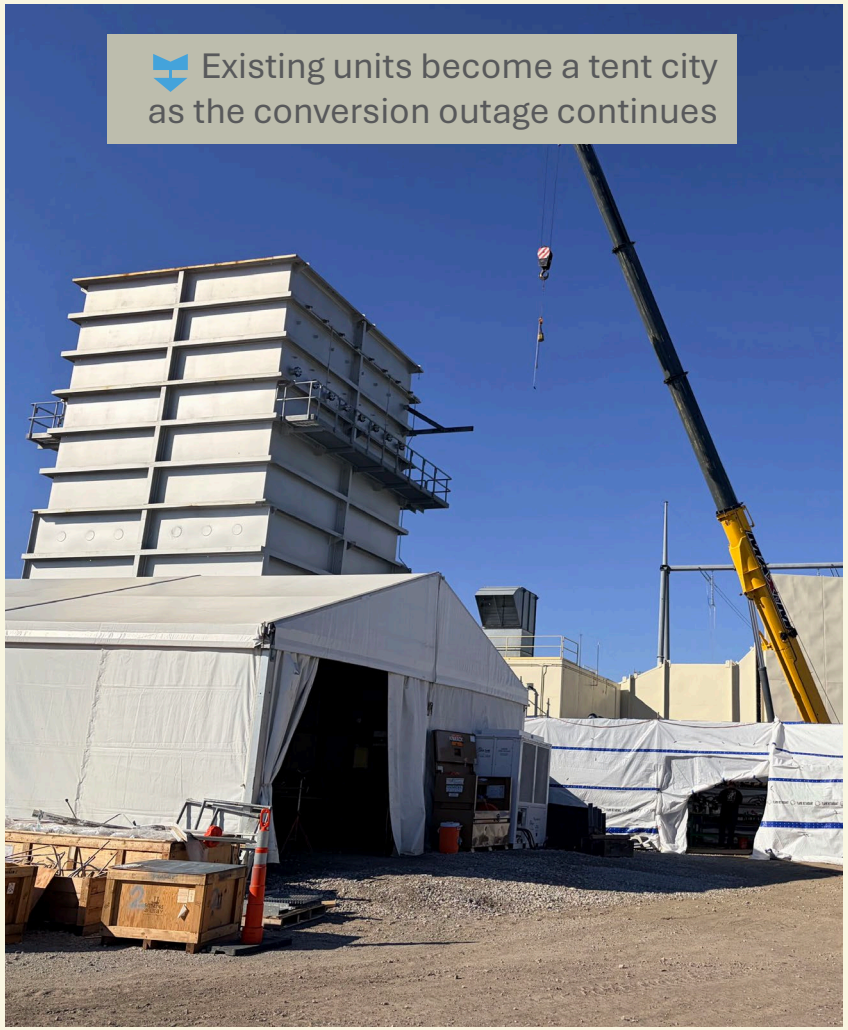
All Committee Meeting
November 17, 2026

OPPD
Omaha Public Power District

AGENDA

- Generation Update
- Transmission and Substation Update
- Renewables and Storage Update
- North Omaha Station Update

PROGRESS: CCS



Budget Schedule **43% Complete**

Heat tracing



KEY WINS AND RISKS

- Concrete pours earlier this year set Kiewit up for **winter-time progress** on new generation
- Increased manhours and focus continue to address delays on dual-fuel project
- **On-site coordination** continues to stand out

Q4 2026

- Exterior and roof work completed on final water tank
- Guard shack construction for new 42nd Street entrance
- Heat tracing and insulation underway so units can operate at -30° F.
- Commissioning activities for dual-fuel, including pipe flushing, underway



PROGRESS: TCS

Tank farm continues to rise from the ground

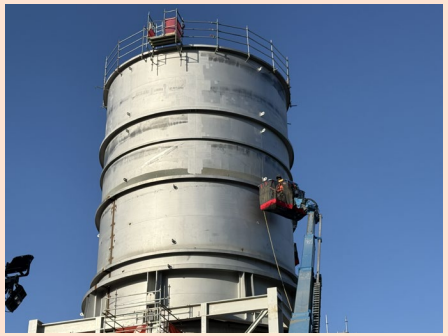


Q4 2026

KEY MILESTONES

- Electrical package has arrived
- Tank shells have been erected
- Maintenance Building exterior complete
- About 200 workers on site

Welding the stack



Budget

Schedule

58% Complete

KEY WINS AND RISKS

- Five of 11 **stack sections** complete; first level of baffles
- **Schedule** continues to experience positive tailwinds
- Coordination of **GSU delivery** in mid-December

The electrical package, which includes the breakers that will power and control the new unit, was shipped on two separate trucks from Texas



TRANSMISSION & SUBSTATION

Q4 2026

UNDER CONSTRUCTION

Cass-to-Sarpy T-Line

- Complete: 100% foundations, 97% of structures, with only two monopoles & one A-frame remaining in/around CCS, and 84% of the wire.

North Douglas County T-Line

- Installation of structures and wire stringing underway for Segment 3. Construction coming for segment 2, along northern part of State Street.

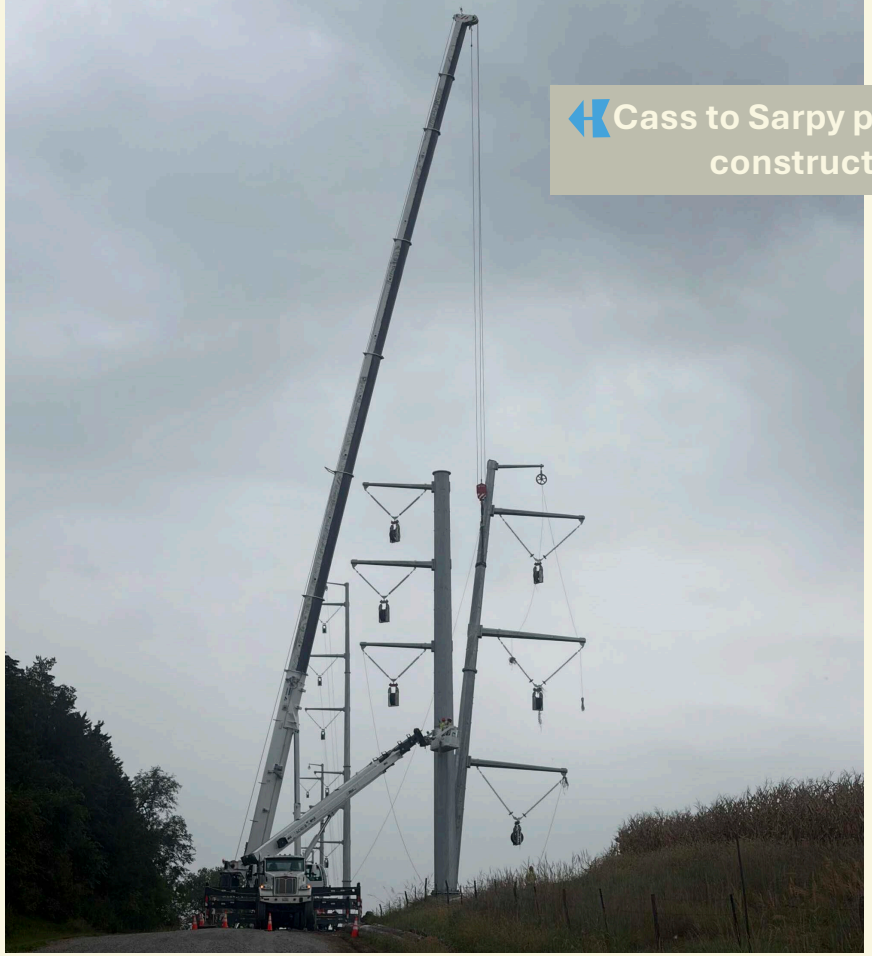
Budget

Schedule

Risk



Breakers for the Cass County Station Substation



Cass to Sarpy pole construction

KEY WINS

- Public involvement has wrapped with route announcements for **three projects**
- Routing, siting and public involvement will kick off soon for the 100-plus miles of transmission for **JTIQ**
- TaSCA contractors executing on three major substation projects

RENEWABLES AND STORAGE UPDATE

BURT COUNTY SOLAR

PROJECT OVERVIEW & STATUS

2026

- Purchase Power Agreement between OPPD and Sandhills Energy finalized in May
- Early stages of construction have already started, including road work and site prep
- Design packages are in progress

Project Nameplate Capacity

- **Solar:** 250 MW

Location: Burt County, Nebraska (east of Tekamah)

Developer: Sandhills Energy

Estimated Commercial Online Date: 2029





PIERCE COUNTY ENERGY CENTER

PROJECT OVERVIEW & STATUS

Project Nameplate Capacity

- **Solar:** 420 MW
- **Energy Storage:** 170 MW

Location: Pierce County, Nebraska

Developer: NextEra Energy Resources

Estimated Commercial Online Date: Q1/Q2 2027



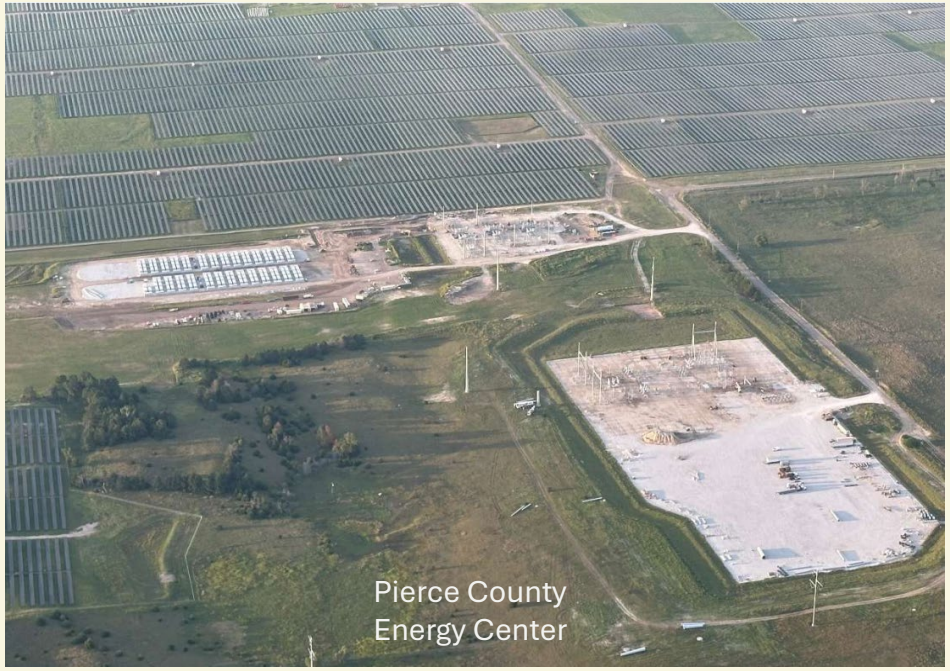


2026

Enhanced structure providing an optimized partnership among OPPD, Google and NextEra Energy Resources

Construction activity progress

- County road construction: 100%
- Site grading: 100%
- Racking installation: 100%
- Panel installation: 100%
- Substation construction: 75%
- Battery Installation: 90%
- Solar & Battery Commissioning: In progress



NORTH OMAHA STATION UPDATE

NORTH OMAHA STATION Q4 2026 UPDATE

ROAD TO NORTH OMAHA STATION TRANSITION

DEC 2025 · ✓ DONE

Grid connections approved

FERC approved the generation interconnection agreements (requested in 2020) for TCS/SBLS, a required first step.

JAN 2026 · ✓ DONE

ISP & SPP studies launched

Studies test whether the grid stays reliable following unit retirement/refueling.

WE ARE HERE · NOV 2026

Studies underway

ISP and SPP studies on track.

Next Board update: December

END OF 2026

Results to the Board

Both studies complete.

The 2026 ISP is presented to the Board.

~SPRING 2027 (EST.)

Time-sensitive board decision

Board has up to 120 days after the ISP to approve solutions.
(Board Resolution 6744)

THE PLAN

Units 1–3 Retire · Units 4–5 Refuel to Natural Gas (no longer available during winter months)
ISP and SPP studies will inform of grid investments that may be needed to enable NOS retirement/refueling

TCS: Turtle Creek Station · SBLS: Standing Bear Lake Station · ISP: Integrated System Plan · SPP: Southwest Power Pool

QUESTIONS?