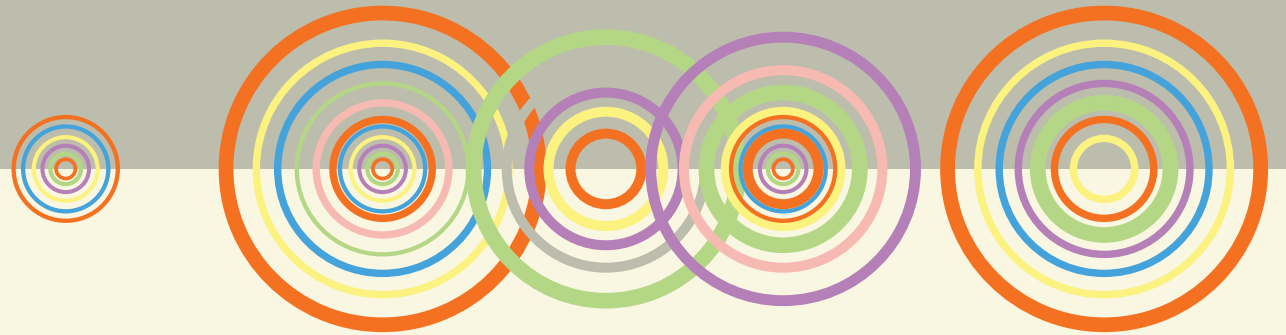


# NEW GENERATION & TRANSMISSION UPDATE

➤ 11.18.25 ➤



All Committee Meeting  
Nov 18, 2025



# AGENDA

- Generation Update
- Transmission and Substation Update
- Engineer's Certificate Update
- Renewables and Storage

# PROGRESS: NEW GEN



Backfilling trenches at CCS for underground electrical ductbank and piping.

Budget



Small variances. Monitoring risks.

Schedule



On track & continuing to identify ways to add float to schedule.

Progress is being made on the foundation at TCS for a temporary warehouse, which will be used for storage during the project.



Q4 2025

## Cass County Station (CCS)

- Well and pump installs, rebar for fuel oil tanks
- Permits: Driveway design approved; building permits submitted for fuel oil, water treatment and security buildings

## Turtle Creek Station (TCS)

- Foundation work for spare generation step-up unit, spare warehouse and fuel tanks

## KEY WINS

- **TCS turbine** arrived in Omaha via railcar from Port of Houston.
- **Collaboration with external partners**, such as Kiewit and Cass County, to solve challenges, achieve project milestones.



# STANDING BEAR LAKE



**9**  
ENGINES

**162**  
MW

**-40°**  
OPERATING  
TEMP

**72**  
HRS OF FUEL  
STORAGE

# PROGRESS: TRANSMISSION & SUBSTATION

Q4 2025

## Cass-to-Sarpy T-Line (CSTP)

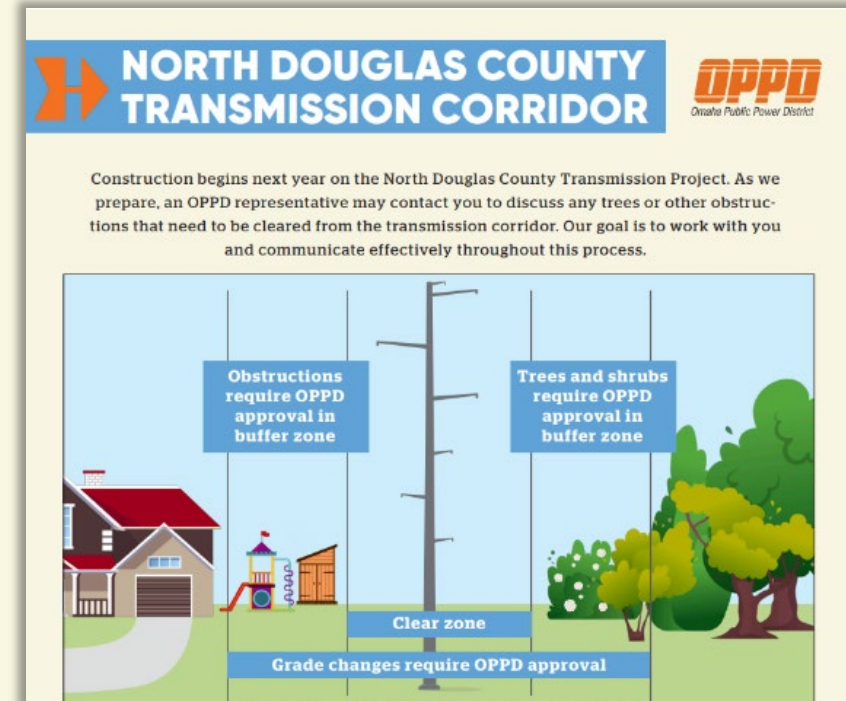
- Transmission, substation and distribution construction underway with customer notifications out.

## North Douglas County T-Line (NDCTP)

- Tree trimming underway on Segment 1.
- Easement acquisition ongoing on 2 & 3; Working with landowners on clearing obstacles in corridor.

## KEY WINS

- Kicked off in-depth planning for three new **transmission projects**, including Joint Transmission Interconnection Queue (JTIQ).
- **Increased coordination** across OPPD as project volume and complexity ramps up.
- **Quickly re-designed** two structures planned for NDCTP to overcome manufacturing constraints – double anchor bolt design first of its kind for OPPD.
- **Significant updates** to property owner communications for transmission corridors, reducing risk related to customer impacts.



7

PROJECTS IN  
SCOPING /  
INITIATION PHASE

6

PROJECTS IN ENG/  
RIGHT OF WAY  
(ROW)/PERMIT  
PHASE

1

PROJECT IN  
CONSTRUCTION  
PHASE

184

MILES OF  
TRANSMISSION

## SCHEDULE



All projects are on track or ahead of schedule, managing long material lead times.

## BUDGET



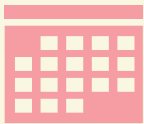
Project cost increases due to steel, materials, and construction cost increases.

# ENGINEER'S CERTIFICATE UPDATE



OPPD Board Resolution 6709 – Transmission and Substation Contract Alliance (TaSCA) – Engineer's Certificate to Negotiate (Approved May 15, 2025)

## KEY LEARNINGS



Ensures OPPD can better manage complexities in construction scheduling, including outages.



Limits the risk of material supply volatility.

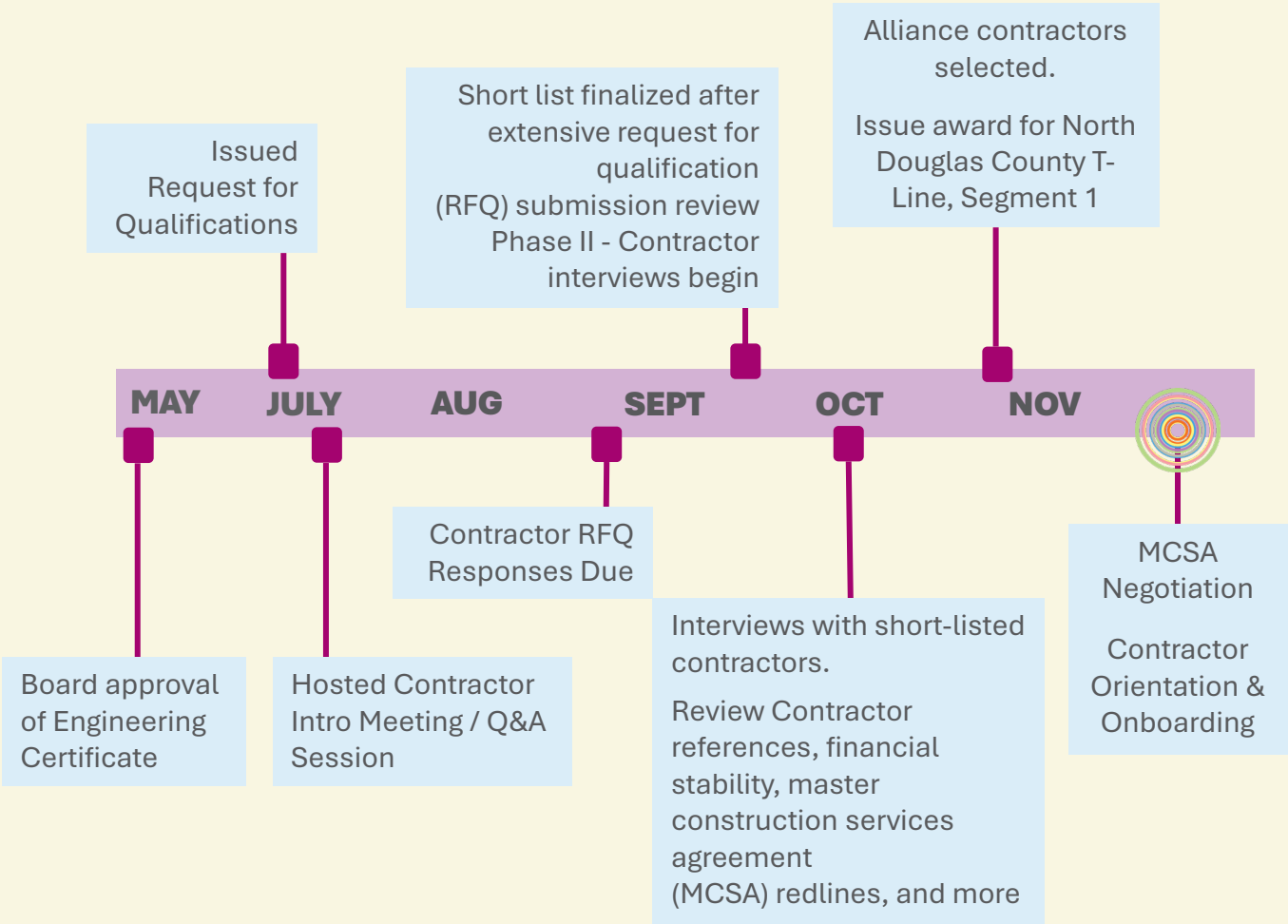


Reduces resourcing risks as OPPD navigates high volume of competing projects across the United States.



Enable best pricing and contract terms, including risk mitigation provisions.

## TaSCA TIMELINE





## TRANSMISSION

## PROGRAM RISK

## GENERATION



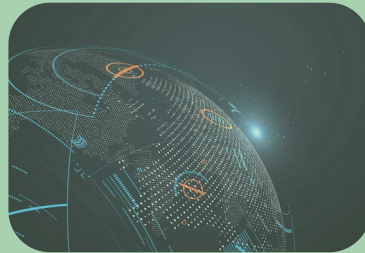
Establishing and clearing transmission corridors



Scheduling complexity related to program size and scale



Labor Constraints



Shrinking Outage Windows



Government shutdown



Material costs



Longer materials lead times



Inflationary pressures



Construction impacts on roads and neighbors near site



Major equipment (turbine, GSUs) risks and logistics

# ➤ RENEWABLES AND STORAGE



# 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:** 2027



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

### Contingent items include:

- Firm Network transmission Service Study

### Construction activities

- County road construction, grading and other civil site work
- Inverter installation
- Pile, racking and panel installation

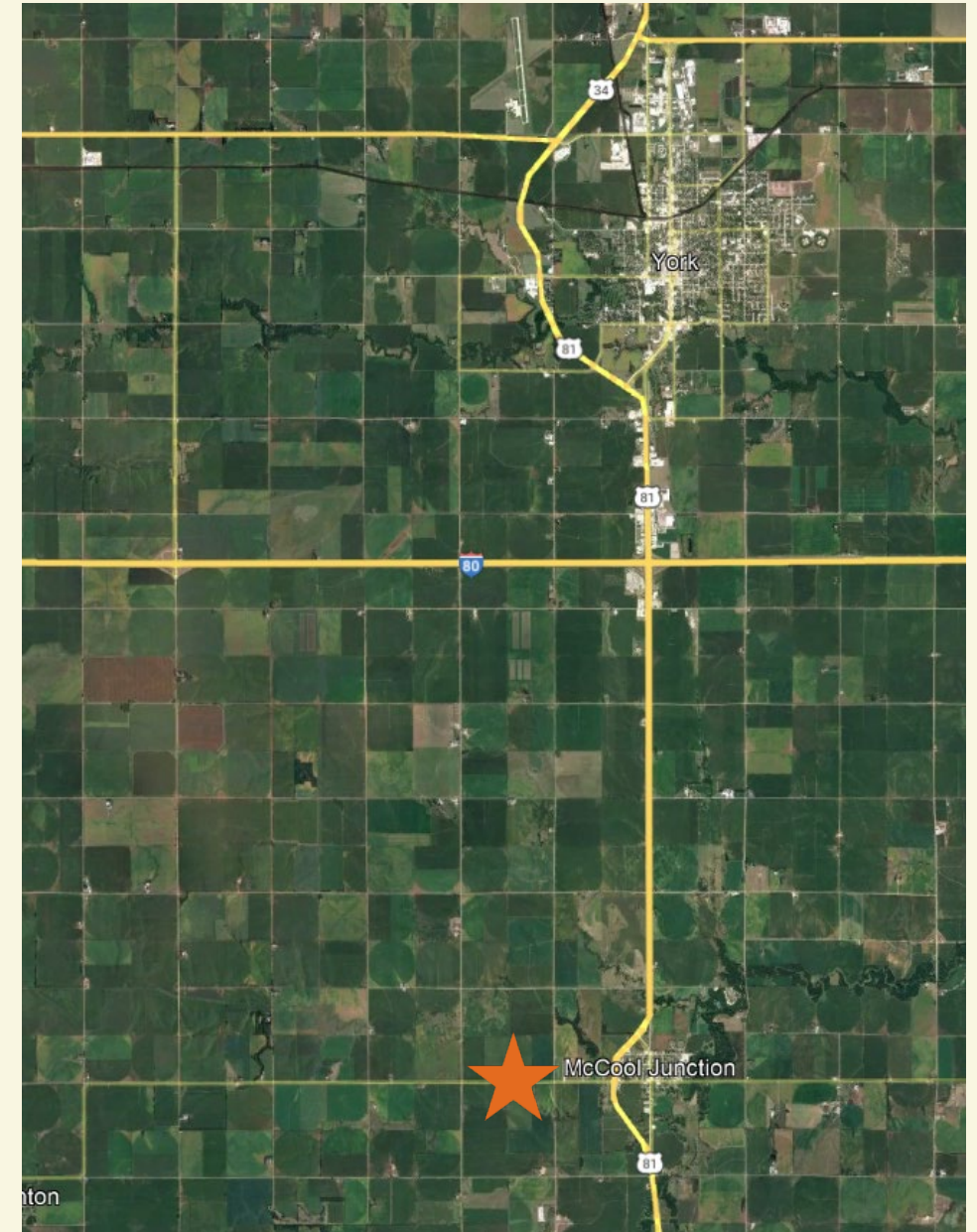


Pierce County Energy Center

# K-JUNCTION SOLAR

## Project Overview & Status

- Generation Interconnection Agreement between OPPD, NPPD, and SPP effective August 2023
- OPPD support for York County to develop reasonable regulations.
- Timeline:
  - **July 2024:** County commissioners sent regulations to the Planning & Zoning Committee to re-develop
  - **Q3-4 2024:** County-hired consultant developed comprehensive plan and advice for solar regulations
  - **Feb. 2025:** Planning & Zoning Committee voted to send original regulations back to the County Commissioners with no changes
  - **April 2025:** County Commissioners rejected restrictive regulations
  - **Present:** County Commissioners continue to work through revisions to regulations
- Project Team advocating for reasonable regulations and future possibilities for the project.



★ General solar facility location

» **QUESTIONS?**