



Power with Purpose Update Committee Meeting

October 18, 2022



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 Completion: January 2024
- Construction activities
 - Substation: grounding work and drilled piers
 - Generation: underground piping/duct banks, foundation work
 - Gas supply: gas pipeline installation
- Receiving breakers for substation



Facing Northwest – Engine Foundations



Facing South - Aerial view of site on 9/18/2022

Information as of October 7, 2022

Power with Purpose Update

Turtle Creek Station

- Site Completion: January 2024
- Construction activities
 - Substation: grounding work & drilled piers
 - Generation: underground piping/duct banks, foundation work
 - Gas supply: gas pipeline infrastructure
- Siemens unit 1 combustion turbine and generator ~ late October
- Receiving substation breakers



Facing South – Aerial view of site on 9/18/2022



Facing East – Unit 2 Combustion Turbine Embedded Conduit

Information as of October 7, 2022



Power with Purpose Open Session October 2022 Solar Update

October 18, 2022

Solar Update

- Platteview Project
- Federal Policy
- Solar Deployment



Platteview Solar

October Project Status Update

- Ongoing Activities
 - Procurement of major equipment
 - Development of vendor Factory Witness Test Plan
 - Substation 69kV 60% Design Package
 - Electrical, Civil and Structural 30% Design Packages
 - Geotechnical Reports
 - Pile Load Test Results
 - Facility Design Basis document
 - Coordination with community



Photos of pile load test conducted at Platteview site. Testing was planned and coordinated with landowners.

Design & Engineering

Construction

Operation

Site Preparation

Commissioning

Federal Policy Updates: Inflation Reduction Act (IRA)

- US Department of Treasury and the IRS issued a press release on October 5th seeking public input on implementing clean energy tax credits in six key areas:
 1. Energy Generation Incentives
 2. Credit Enhancements
 3. Incentives for Homes and Buildings
 4. Consumer Vehicle Credits
 5. Manufacturing Credits
 6. Credit Monetization
- Stakeholders encouraged to respond as soon as possible, ideally within 30 days (by November 4th)
- These responses will inform how the Treasury and IRS implement the legislation
- OPPD staff actively engaged in responses through LPPC, APPA, and other industry groups

Guiding Principles

In implementing the historic climate and clean energy provisions of the Inflation Reduction Act, Treasury will be guided by three core principles:

- **Robust and Broad Public Engagement:** Treasury will engage a broad spectrum of taxpayers, stakeholders, and communities to inform guidance and rulemaking. As discussed in greater detail below, Treasury has begun the process of soliciting comments from the public on key provisions. Over the coming weeks, Treasury will be convening several initial stakeholder roundtables with industry, labor unions, climate and environmental justice advocates, and others to hear directly from a wide range of voices.
- **Clarity and Certainty:** Treasury will work expeditiously to provide clarity and certainty to taxpayers, so the climate and economic benefits of this historic legislation can be felt as quickly as possible. For example, in August, Treasury and the IRS [immediately issued initial guidance on the electric vehicle tax credit](#) and worked closely with the Department of Transportation and Department of Energy so taxpayers could easily find a list of eligible vehicles online.
- **Sound Stewardship:** Treasury will work closely with the IRS to put in place effective guardrails and reporting to ensure the benefits are delivered as Congress intended. Treasury is committed to ensuring that as many eligible taxpayers as possible benefit from the incentives provided by law while protecting against fraud and abuse.

Excerpt from the Treasury & IRS Fact Sheet:

<https://home.treasury.gov/system/files/136/FactSheet-Implementing-IRA-Climate-CleanEnergy-TaxIncentives.pdf>

As of October 7th, 2022

Efforts to Deploy Solar

- Ongoing education and advocacy across OPPD's service territory
 - OPPD staff attended and/or participated in County meetings in Cass, Otoe, and Washington
- Frequent meetings with suppliers (developers and equipment) to maintain relationships and develop best sourcing strategy for going back to the market
 - Staff attended RE+ Conference in September and met with more than 15 suppliers
- Active study and planning of potential sites across OPPD's service territory
 - Full deployment of the 519MW would be spread across multiple sites
 - Study of each specific site requires generation interconnection analysis, technical site analysis, financial analysis, and determining the best structure for the land and asset to deploy at that site
- Further refinement and implementation of the IRA's clean energy tax incentives from the federal government is a significant factor in how OPPD will deploy the remaining solar sites
 - Clarity on the IRA will ultimately help shape OPPD's potential to own and operate solar assets