

Public Information Forums & Feedback on DRAFT Decarbonization Goal



Chad Podolak

Stakeholder and Advocacy Manager

October 19, 2021



Nebraska Public Power District

Always there when you need us

DRAFT

BOARD POLICY GOVERNANCE PROCESS

Policy No. BP-SD-05
Effective Date xx-xx-xx
Page 1 of 2

- **Provided in August for discussion and feedback**

CARBON EMISSIONS REDUCTIONS

Carbon emissions and emissions regulation are a significant business risk for Nebraska Public Power District (NPPD) and its customers. NPPD recognizes the importance of balancing affordability, reliability / resilience, and sustainability when addressing the business risks related to carbon emissions and emissions regulations. This policy establishes the Board of Director's goal for carbon emission reductions that will be used to guide NPPD in determining future generation resource planning options.

NPPD adopts the **goal of achieving “net zero” carbon emissions from NPPD’s generation resources by 2050**. This may be achieved by using certified offsets, energy efficiency projects, lower or zero carbon emission generation resources, beneficial electrification projects, or other economic and practical technologies that help NPPD meet the adopted goal.

NPPD Management will report to the Board annually the carbon emissions of generating resources under NPPD “control” on both a total short tons of CO₂ emitted and CO₂ intensity (lbs. / MWh) basis including effects of offsets, etc. as discussed above.

The Board of Directors may evaluate and reconsider the District's Carbon Emissions Goal if it is determined that meeting or progressing toward the goal will adversely impact the District's ability to continue to meet the Board's strategic directives concerning reliability (BP-SD-03) or cost competitiveness (BP-SD-04).



Nebraska Public Power District
Always there when you need us

Powering
Our Future

Obtain customer and public feedback around these key questions:

- **Do our constituents see carbon emissions as a business risk to NPPD?**
- **What is the best structure for NPPD's carbon reduction goal?**
- **What principles of electric service are most important to maintain or achieve as we reduce carbon emissions?**
 - ✓ Reliability
 - ✓ Resiliency
 - ✓ Affordability
 - ✓ Environmental Impact



Public/Customer Outreach Process

Public Forums

- **Five Meetings and Annual Customer Meeting**
- **Over 500 Attendees at Forums**
- **EPRI Educational Session**
- **Draft Goal for Discussion**
- **Interactive Polling**
- **Public Feedback**

Public Survey

- **Developed by EPRI and NPPD Management**
- **Hosted by MSR Group**
- **Live August 11th through September 1st**
- **Analysis by EPRI**
- **Segmented Data and Results**
 - NPPD.com – 4k+
 - Wholesale Rural – 92
 - Wholesale Muni – 18
 - Retail – 7

Current Status

- **MSR Summary Report – being reviewed by Board and Sr. Management**
- **EPRI Report – survey results analysis forthcoming**
- **Both reports to provide input for potential decarbonization goal formation & finalization**



Decarbonization Possibilities

- Lower or zero carbon emission generation resources - wind, solar, nuclear, hydro, fossil fuel with carbon capture, etc.
- Energy efficiency projects - reducing electricity demand and consumption through more efficient electricity usage.
- Beneficial electrification projects - replacing loads powered by fossil fuels with electricity such as; electric vehicles, water heaters, furnaces, etc.
- Carbon offsets – quantifying carbon reduction or sequestration such as no till farming.
- Focus on ideas, strategies, pilots and partnerships!



Questions?

Thank you!



Chad Podolak

Stakeholder and Advocacy Manager

Nebraska Public Power District

402-276-0946

cjpodol@nppd.com



Nebraska Public Power District

Always there when you need us