



THE POWER OF PEOPLE



**Environmental Protection Agency  
(EPA)**

**Solar for All Program**

**Nebraska Dept. of Environment & Energy  
(NDEE)**

NPPD Board of Directors Meeting  
Strategic Business Matters  
October 2023

Conrad Saltzgaber, Vice President  
Corporate Strategy & Innovation



**Nebraska Public Power District**

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# Agenda

- What is Solar For All (SFA)
- NPPD Team
- Timeline
- NDEE Led Application
- Business Model
- Low/Moderate Income Residence Selection
- Next Steps

# Basic Principals of Solar For All

- 1) EPA Program \$7.5 Billion, anticipated \$100 million maximum for Nebraska
- 2) Encourage installation of solar in disadvantage communities and/or Low/Moderate Income (LMI) residences
- 3) Reduce electric bills of LMI by average of 20%
- 4) Three program options
  - a) Residential rooftop solar
  - b) Multi-family solar
  - c) Community solar

# NPPD SFA Team

Dave Rich

Brandon Gardels

Chad Podolak

Dave Mazankowski

Jarod Nekl

Jennifer Butler-Palu

# Timeline of Solar For All

- 1) Notice of intent submitted to EPA by NDEE and Center for Rural Affairs (CFRA)
- 2) Applications Due to EPA by October 12, 2023
- 3) Anticipated EPA announcement of awards March 2024
- 4) Contract(s) between EPA and awardees signed August 2024
- 5) After contract signed, one year to finalize planning
- 6) Offer program for 4+ years

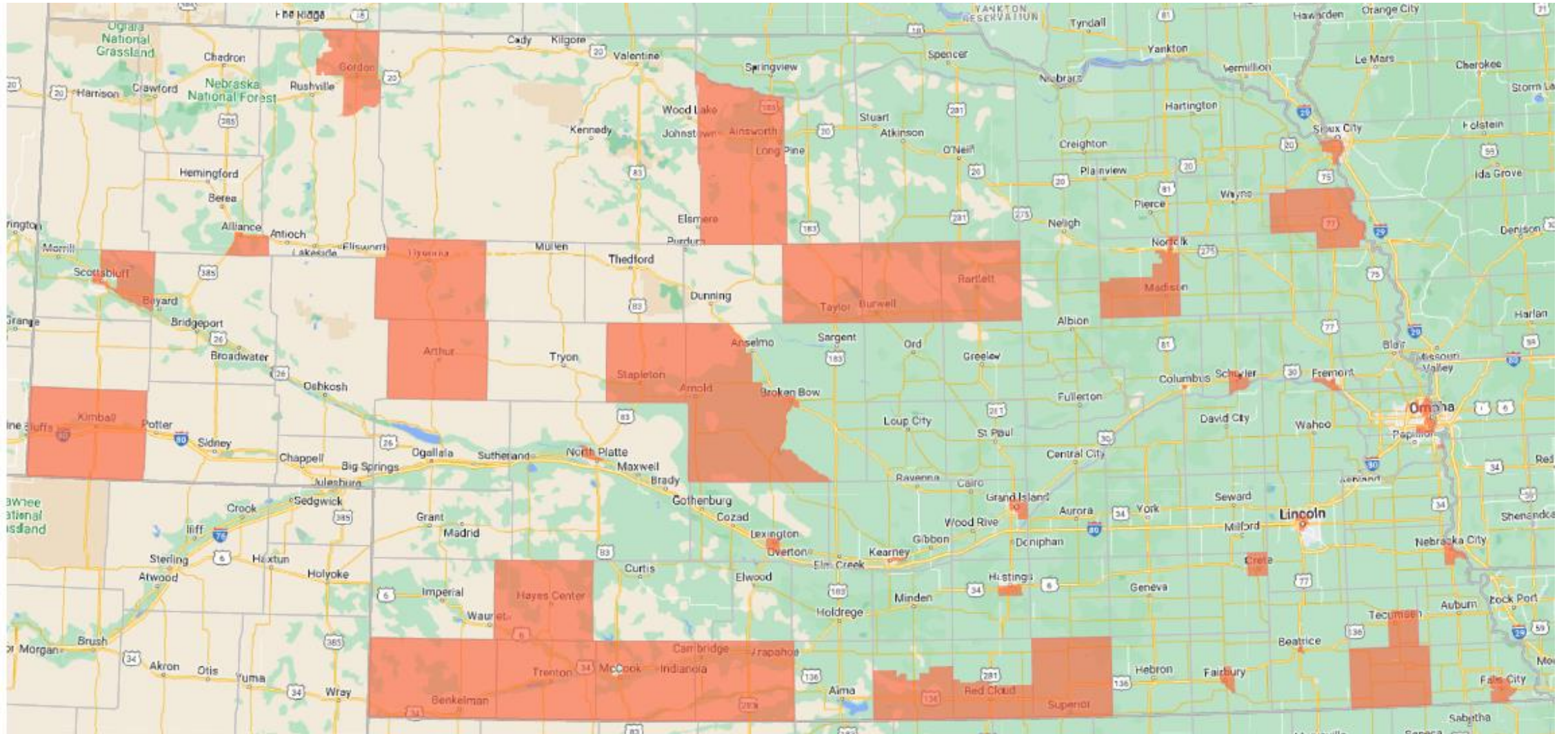
# NDEE Led Application

- 1) Nebraska utilities encouraged NDEE to take the lead in application
  - a) Utilities have a long-term working relationship with NDEE
  - b) NDEE experienced in administering and overseeing grants
  - c) Ability to serve entire Nebraska
  - d) Low administrative costs
- 2) Coalition Applicants: NPPD, OPPD, LES and City of Grand Island
  - a) NDEE will award funds directly to coalition utilities for their administration
- 3) Initial NDEE Notice of Intent request was for \$58.8 million

# NDEE Led Application (Cont'd)

- 4) Increased to \$70.56 million, due to higher costs for solar
  - a) EPA award to NDEE will determine NPPD share
  - b) Will likely be in the range of \$14 to \$16.8 million
- 5) NPPD plans to utilize this money to finance community solar projects
  - a) NPPD plans to utilize IRS Direct Pay Investment Tax Credits for funding
- 6) NDEE Application receiving letters of support from:
  - a) Nebraska utilities
  - b) Retail communities
  - c) Solar contractors
  - d) Community colleges

NDEE plans to disperse funds based on population in the Climate & Economic Justice Screening Tool (CEJST) tracts in orange below.





# Business Model

- 1) Will be refined during the one-year planning period
- 2) Value of the community solar projects will be used to fund the SFA bill credits
  - a) Value will be calculated using the Southwest Power Pool (SPP) hourly value for energy produced times the KWh generated for that hour
- 3) Initial modeling indicates approximately \$300 per year for each LMI residence to meet the 20% reduction in electric bill

# Business Model (Cont'd)

- 4) Number of LMI residences funded will depend on the EPA grant, the cost of installed solar and the value of solar in the SPP market
- 5) Anticipate providing benefits to LMI residence for life of the project (20+ years)
  - a) Serve approximately 144 customers each year over the life of a community solar facility per million dollars in funding.  
(2,000-2,400 per year)
- 6) NPPD's allocation will cover NPPD Retail and all Wholesale, Rurals and Municipals

# Determine and Select LMI Residence Selection

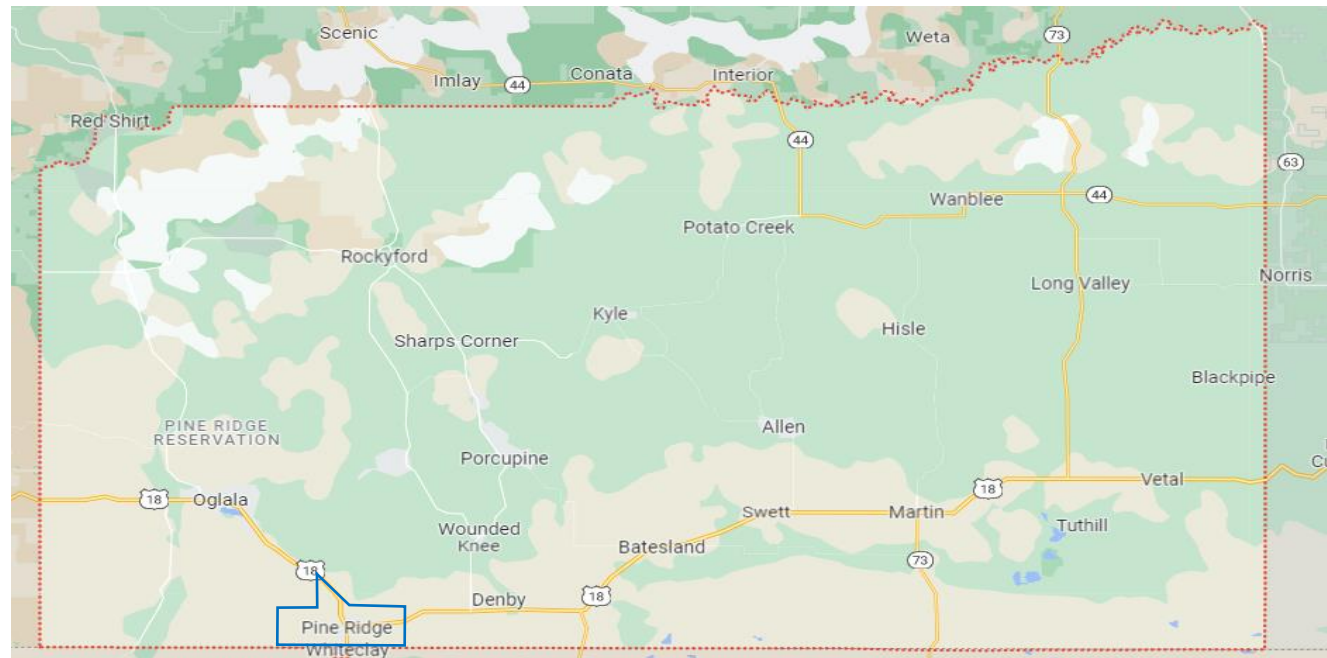
- 1) Will be refined during the one-year planning period
- 2) Will utilize state agencies and other programs as defined in the EPA SFA grant.
- 3) Utilities will not decide which residences will receive credit
- 4) The number of requests will likely exceed available funds
- 5) Exploring alternatives to providing credits to LMI recipients

# Next Steps

- 1) Application submitted today by NDEE
- 2) Presentation on October 19<sup>th</sup>, Wholesale Customer Meeting

# Powering Affordable Clean Energy (PACE) Program – Pine Ridge

- 1) NPPD working with solar developer to support PACE application for the community of Pine Ridge
  - a) Part of larger effort for the Pine Ridge Reservation
  - b) PACE provides up to 60% Loan Forgiveness for Renewable Energy Projects





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## Questions

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