



# Power with Purpose Update

## March Committee Meeting: Open Session

March 10, 2020



# Power with Purpose Solution

## Challenges

- Changing generation landscape
- Supporting the needs of our growing communities
- Maintaining reliability and resiliency

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## Framework

- OPPD's Mission  
Affordable, Reliable  
& Environmentally Sensitive
- Strategic Directives
- Legal and Regulatory Obligations

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## Solution

- **Large utility scale solar** with natural gas backup
- Modernized natural gas assets; replacement for North Omaha Units 1-3 retirements and Units 4 & 5 refuel to natural gas
- Voltage support device(s)
- Request for Proposal (RFP) results will finalize the modeling conclusions

### Benefits

- Ensures OPPD is able to meet the needs of our customer-owners while maintaining affordability, reliability and resiliency.
- Carbon dioxide (CO<sub>2</sub>) emissions are expected to be reduced by 80-90% over current North Omaha emissions.
- In total, over our journey from 2010-2024, we estimate a 30% reduction in CO<sub>2</sub> emissions.
- OPPD expects to maintain no general rate increase from these solutions.

# February 2020 Progress – Solar

- Proposals being evaluated by multi-disciplinary team against predetermined criterion
- Began input of solar proposal information in models

*Information as of February 28, 2020*

# Solar Next Steps: March – April

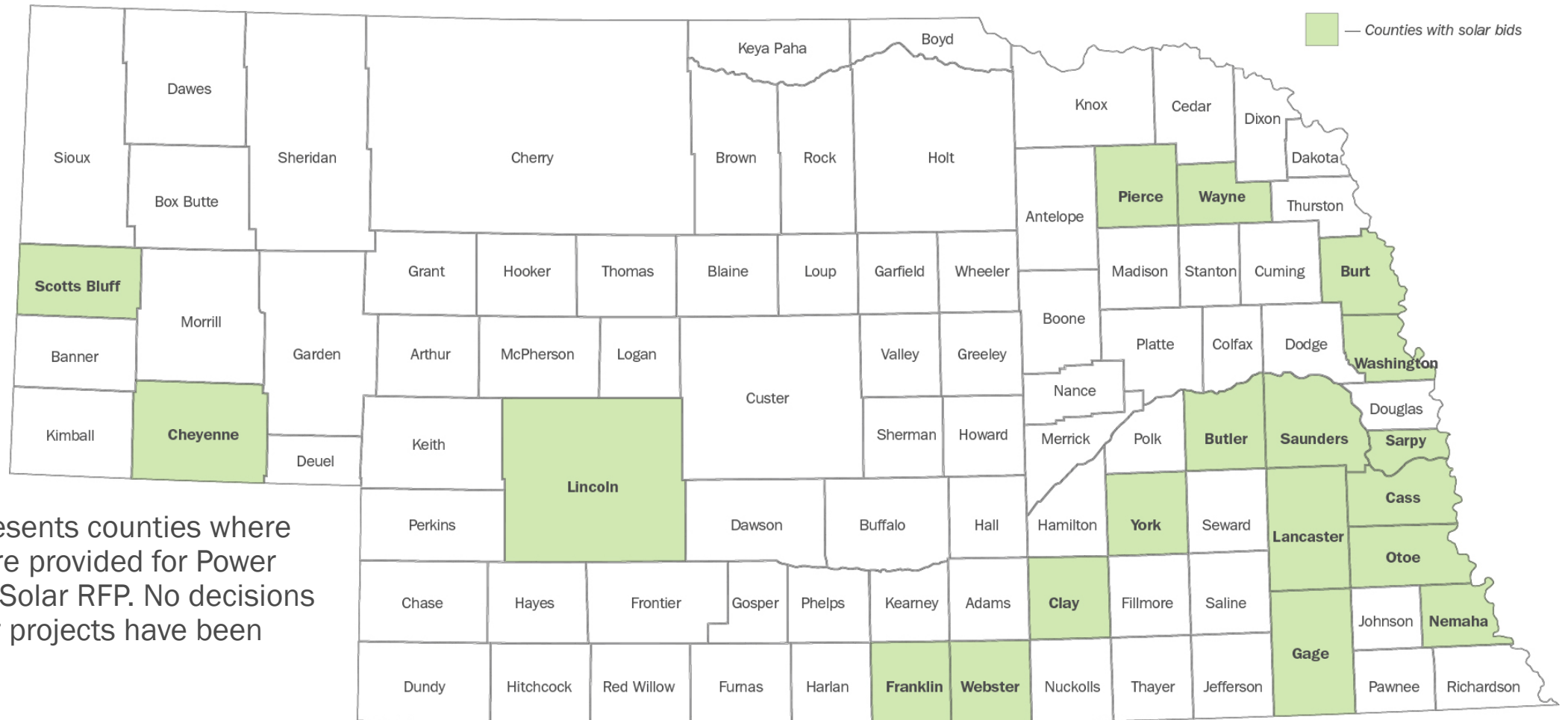
## March

- Continue modeling solar proposals
- Conduct detailed technical and financial review of proposals

## April

- Continue modeling and evaluation of proposals
- Prepare for Southwest Power Pool (SPP) generator interconnection process

# Solar RFP Responses by County



Shading represents counties where solar bids were provided for Power with Purpose Solar RFP. No decisions on location or projects have been made.

## Next Steps

Modeling and evaluation of proposals will continue to take place over the next several weeks/months.

02/28/2020

# February 2020 Progress – Natural Gas

- Owners Engineer (OE) contract awarded
- OE project team on boarded
- Gas asset RFP kick off meeting completed
- Continued review of potential sites for acceptability
- Natural gas supply Request for Information (RFI) responses received and currently under evaluation

*Information as of February 28, 2020*

# Natural Gas Next Steps: March - April

## March

- Conduct detailed technical and financial review of high potential gas generation sites
- Begin drafting Southwest Power Pool Generator Interconnection application
- Continue development of gas generation assets Request For Proposal (RFP)
- Continue evaluation of natural gas supply options

## April

- Incorporate gas generation sites for modeling
- Submit Southwest Power Pool Generator Interconnection application
- Continue development of gas generation assets RFP
- Continue evaluation of natural gas supply options

# Outreach Approach

## Phase I – In Progress

Broad Community Listening & Education

## Phase II – Spring

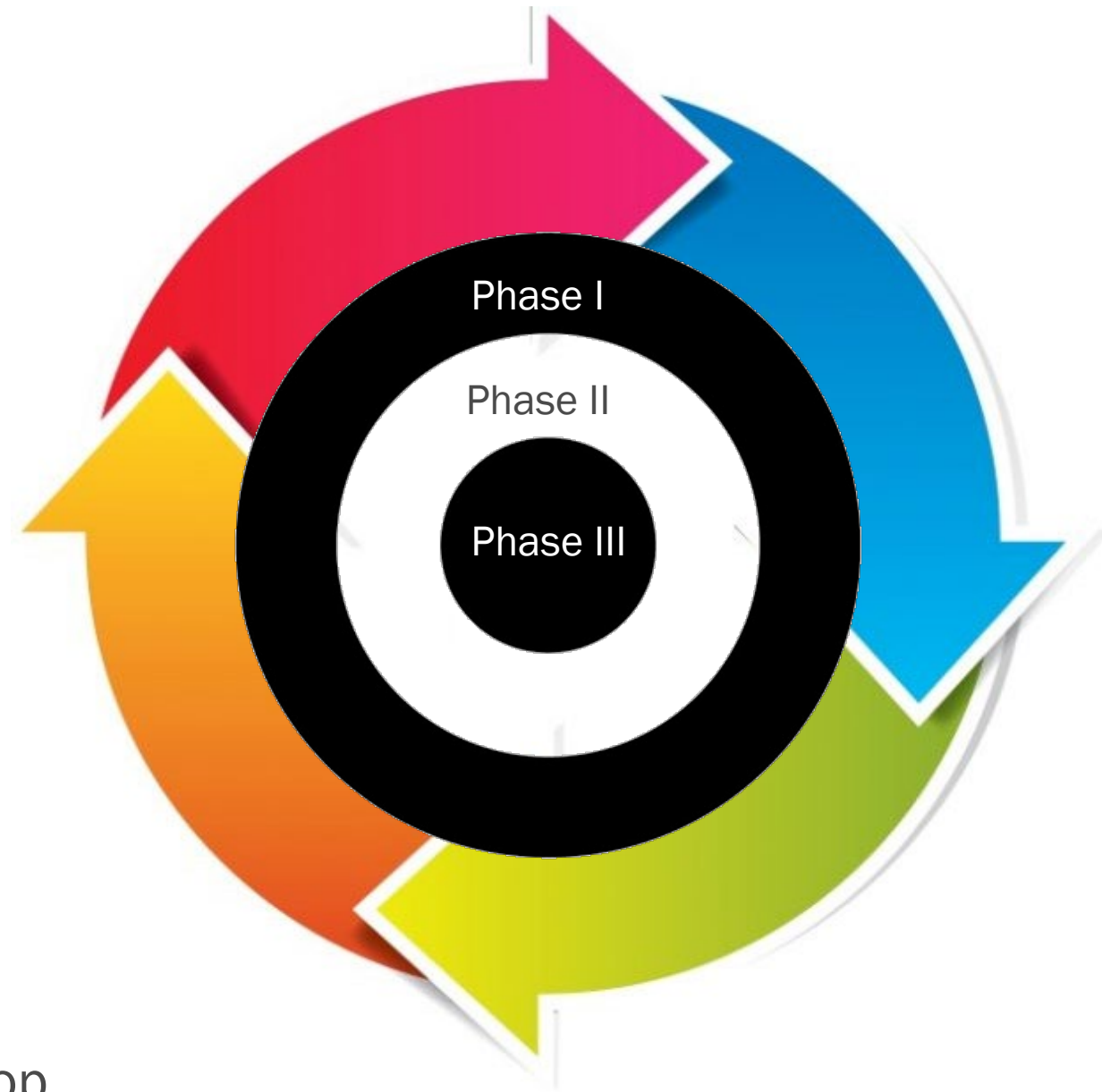
Potentially Impacted Stakeholder  
Conversations and Updates

## Phase III – Spring - Summer

Engagement with Directly Impacted (i.e.  
landowners) & Interested (i.e. community  
leaders)

## Ongoing

Outreach and Communication to Close the Loop





# Events - State of the Utility: Powering the Future

## State of the utility presentation

- How we give back to the communities we serve
- Safeguarding power infrastructure from severe weather impacts
- Grant funded initiatives related to battery storage and electric vehicle charging stations
- Regional economic development efforts
- Pathways to decarbonization planning process
- Power with Purpose: solar and backup natural gas generation

## Stations for conversation with subject matter experts

- Power with Purpose
- Electric Services and Products
- Community

Wed., March 18, 5:30–7 p.m.

Blair Public Library

Thurs., March 19, 6–7:30 p.m.

Peru State College

Tues., March 24, 5:30–7 p.m.

UNO Community Engagement Center

Wed., March 25, 6–7:30 p.m.

Ashland Public Library

Thurs., March 26, 5:30–7 p.m.

Springfield Community Building

# Outreach Approach

- **Employee Communications**
- **Engagement Platform**
  - Research and launch new platform (i.e. Bang the Table)
- **Websites – OPPD.com, OPPDtheWire, OPPDListens**
  - Update site on Power with Purpose and Decarbonization
- **Outlets**
  - Provide brief monthly updates to ensure regular cadence
- **Social Media**
  - Engage customers on Facebook, Twitter and LinkedIn
- **Media Contacts**
  - Engage local and industry media contacts for continued coverage
- **Speakers Bureau**
  - Targeted proactive approach in scheduling presentations
- **Community Events**
  - Research district wide events for opportunities to engage and educate
- **Market Research – Power Panel, Survey**
- **Community Conversations with Community Partners and Officials**



# Power with Purpose Update Timeline

