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

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

**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 (CO2) 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 CO2 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
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
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

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<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>Wed., March 18</td>
<td>5:30–7 p.m.</td>
<td>Blair Public Library</td>
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<td>Thurs., March 19</td>
<td>6–7:30 p.m.</td>
<td>Peru State College</td>
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<td>Tues., March 24</td>
<td>5:30–7 p.m.</td>
<td>UNO Community Engagement Center</td>
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<td>Wed., March 25</td>
<td>6–7:30 p.m.</td>
<td>Ashland Public Library</td>
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<td>Thurs., March 26</td>
<td>5:30–7 p.m.</td>
<td>Springfield Community Building</td>
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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

Power with Purpose Modeling
- Integrated Modeling (generation, financial, transmission, etc.)

Solar
- RFP process: evaluation, technical review, negotiations

Gas
- RFP process: evaluation, technical review, negotiations

Regulatory
- SPP Interconnection Application – Deadline April 30, 2020
- Regulatory Approvals

Stakeholder
- State of the Utility Outreach
- Ongoing stakeholder touch points for generation and transmission siting (as necessary)