

Power with Purpose Open Session November 2020 Update

November 10, 2020



Agenda

- Solar Project Update
- Natural Gas Generation Project Update
- Community Stakeholder Outreach Update

Solar Project Update



Solar Project Update

- Narrowed focus to 7 projects in/near service territory
- Continue technical, commercial, and contract analysis of these projects
- Provide solar technology outreach and education to:
 - County leaders (Washington, Cass, Burt, Saunders, Nemaha)
 - OPPDCommunityConnect.com
 - OPPD employees and retirees



Photo: Fort Calhoun Community Solar drone footage

Natural Gas Generation Project



Natural Gas Generation Project Update

- Nebraska Power Review Board
 - Applications submitted September 16
 - 16 letters received from major customers and community/state organizations in support
 - Hearing held October 19; PRB gave verbal unanimous approval (4 to 0)
- Voluntarily submitted documentation to the City of Papillion planning department in support of their process for Sarpy County South site
 - Papillion Planning Commission gave 7 to 0 approval for submittal items
 - Papillion City Council Meeting agenda item on November 17
- Detailed site technical assessments in progress for both proposed locations (ALTA survey, geotechnical, noise measurements, environmental)
- Fuel supply vendor meetings in progress

Natural Gas Generation Major Equipment Sourcing Progress

- Single RFP for Reciprocating Internal Combustion Engines (RICE)
- Single RFP for Simple-Cycle Combustion Turbines (CT)
- 9 vendors executed a Non-Disclosure Agreement (NDA) and received the applicable Request for Proposals (RFP)
- RICE proposals under evaluation
- CT Vendors submitted 27 questions in writing, which have been answered in two Letters of Clarification (LOC) and one Addendum

**Information as of November 4, 2020*

RICE Schedule Item	Milestone (Past/Future)
RICE RFP Issue Date	September 16, 2020 ✓
RICE Pre-bid Webex	September 23, 2020 ✓
RICE Proposal Due Date	October 21, 2020 ✓
RICE Negotiations Begin	Mid-Late November 2020
RICE Target Contract Award	December 2020

CT Schedule Item	Milestone (Past/Future)
CT RFP Issue Date	October 7, 2020 ✓
CT Pre-bid Webex	October 14, 2020 ✓
CT Proposal Due Date	November 16, 2020
CT Negotiations Begin	Mid December 2020
CT Target Contract Award	January 2021

Stakeholder Outreach



Outreach Approach

Phase I

Broad Community Listening & Education
District-wide State of Utility (moved online)

Phase II

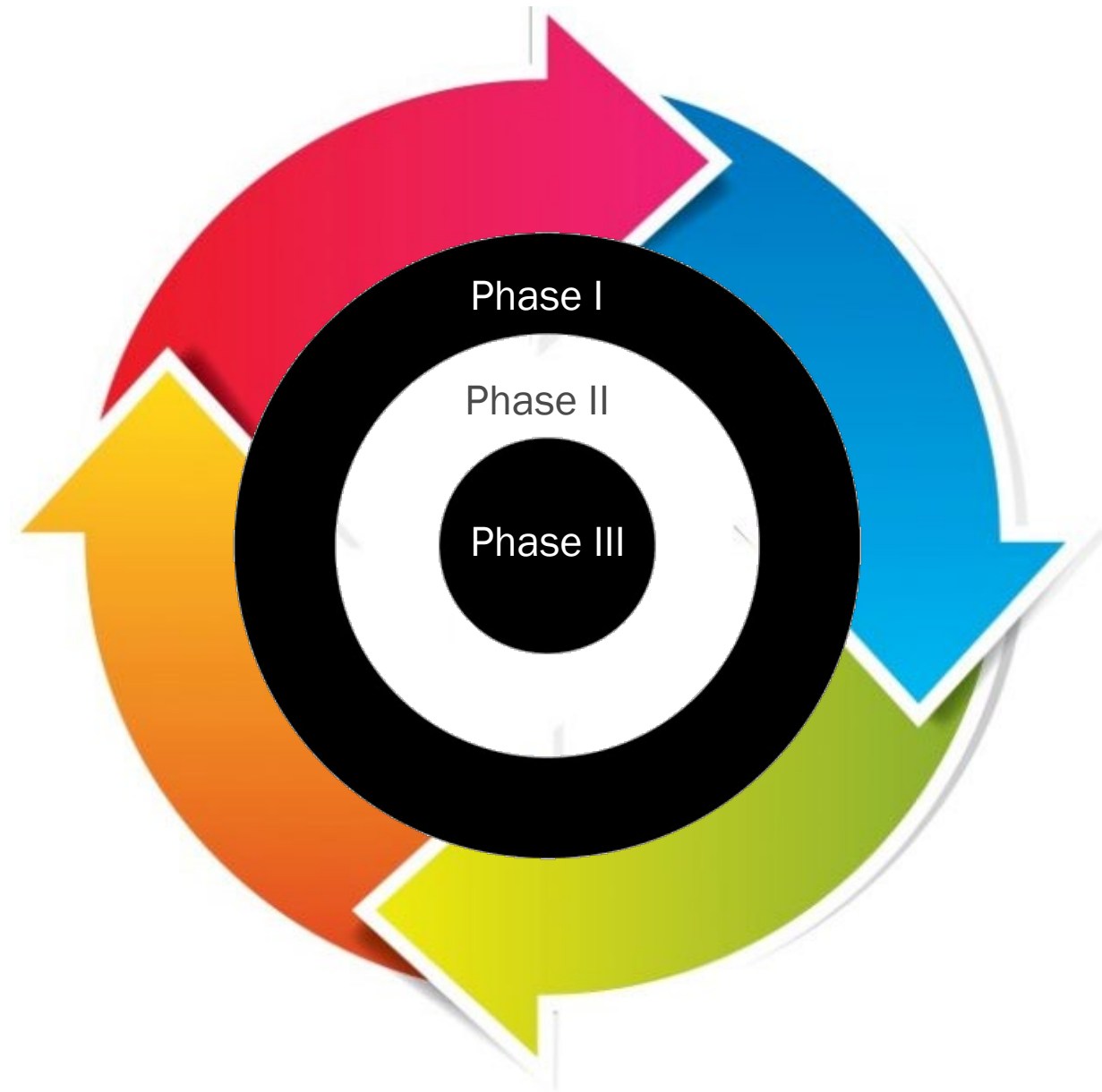
Conversations and Updates with Potentially
Impacted Areas as Modeling Continues

Phase III

Engagement with Directly Impacted (landowners)
& Interested (community leaders)

Ongoing

Outreach and Communication to Close the Loop



Virtual Meetings

September 2020

- Online Community Meetings, Sept. 29 & 30
- Promoted broadly via multi-channel digital campaign, including social media and radio
- Included geo-targeted social media, as well as direct mail, postcards, emails to community leaders and outreach to HOAs
- **Papillion meeting:** 52 attendees, Q&A more technical in nature
- **Military meeting:** 79 attendees, Q&A themes around sound, aesthetics, wildlife, property values and safety
- Meeting recordings posted on OPPDCommunityConnect

SOLAR + NATURAL GAS BACKUP = POWER WITH PURPOSE

OPPD's mission is to provide affordable, reliable and environmentally sensitive energy services to customers. We also have a goal of net-zero carbon production by 2050.

Working toward that goal, OPPD is moving forward with large-scale solar generation and natural gas backup and **plans to site a natural gas facility near the southeast corner of North 120th Street and Military Road.**


As part of our public power promise and continued stakeholder outreach, OPPD is committed to engaging our customers in these types of decisions, and we pledge to listen to your thoughts, ideas and questions.

Online Community Meeting...
We'll be hosting a meeting for our neighbors near the North 120th Street and Military Road facility on:

Wednesday, Sept. 30, at 6 p.m.
Learn more and access the meeting link at www.OPPDCommunityConnect.com or by scanning the QR code with your smartphone.

If you do not have internet access and would like to access the community meeting by phone, call 1-844-621-3956 toll-free. When prompted, enter this access code: 133 527 7723.

Let's talk! We'd love to hear what matters most to you!



SCAN ME

OPPD
Omaha Public Power District

444 S. 16th St. Mall
Omaha, NE 68102-2247

POSTAGE
INDICIA

JOHN Q CUSTOMER
1234 APPLE LANE
OMAHA NE 00000-0000

Note: Also held virtual meeting for MUD leadership with recording to be shared with MUD employees

Walking Tours

October 2020

- Lesson learned from online meetings... customers had a hard time visualizing sites
- Invited residents whose homes bordered MUD property on the east (RambleRidge) -ensured safety
- Subject matter experts on-hand as we toured plant and substation locations
- Boom truck allowed for height visualization of tallest substation structures
- General feedback:
 - Most grateful for in-depth look and relief that the plant was located further from homes
 - Addressed concerns around viewshed, sound, traffic, property values and electromagnetic fields



Next Steps

November 2020 and beyond...

- RambleRidge annual HOA meeting (Nov. 9)
 - Subject matter experts on-hand for updates, Q&A
- Drone footage of MUD site to be added to OPPDCommunityConnect (to help with perspective)
- Direct mail to original recipients of online meetings
 - Provide specifics for those who did not attend meetings or walking tours
- Solar locations, announcement, education and outreach
- Papillion (Sarpy County South) Transmission, Routing, Siting and Public Involvement Process
- 2021 meetings around design and construction

RICE Technology
Reciprocating engine (RICE) technology utilizes internal combustion engines, similar to a car engine. RICE facilities are typically smaller than combustion turbine generation facilities. OPPD currently uses small-scale RICE at our Elk City Station.

120th & Military Site
The proposed natural gas plant at the North 120th Street & Military Road location would include six to nine reciprocating engines for generation, along with a substation for transmission.

Natural Gas Backup
New natural gas facilities will provide greater operating flexibility and enable OPPD to further integrate renewable energy into our portfolio, while maintaining affordability, reliability and resiliency.
Adding this generation will help OPPD meet the growing energy needs of our service territory and will enable OPPD's system to remain resilient. That means OPPD can continue providing energy to our customers even when operations are impacted by a major outage event.

Why Natural Gas?

- Accredited capacity
- Cost-effective
- Supports renewable energy integration
- Cleaner energy, efficient fuel
- Complements up to 600 MW of planned solar facilities
- Important step in our journey to decarbonization

Join the Conversation...
Learn more and access the meeting link at www.OPPDCommunityConnect.com

SCAN ME

Your Energy Partner
OPPD
Omaha Public Power District
Sept. 2020

Frequent updates at OPPDCommunityConnect.com

Continued Engagement

- OPPDCommunityConnect.com
- OPPDtheWire.com
- Outlet's newsletter
 - Monthly updates right to your home (or email)
- OPPD social media channels
 - Facebook, Twitter, LinkedIn, NextDoor (coming soon!)
- Contact your OPPD board member or community leader/elected official
- Community meetings
 - OPPD organized events
 - Home Owner Association meetings
 - Speakers Bureau (per your request)
- OPPD Public Affairs & Customer Service Teams



Meetings will be promoted via OPPD digital channels, publications, emails to community leaders, and when needed, direct mail.

Appendix



Power with Purpose – Where We Are

