



MEAN Power Supply Committee Meeting

Younes Conference Center, Kearney, Nebraska
May 20, 2026

2



Call to Order

Tom Goulette
Committee Chair



NMPPEnergy.org 

3

Call to Order

- Nebraska Open Meetings Act – Section 84-1412 (8)
- Roll Call



NMPPEnergy.org



4



Public Comment Period



NMPPEnergy.org



5

Public Participation Policy - Summary

- Any member of the public may speak, subject to these rules
- Individuals must state the following:
 - **Name**
 - **Address** (unless the address requirement is waived to protect the security of the individual), and
 - **Name of any organization represented** by such person
- Public comment period will be a maximum of 30 minutes
- Comments are limited to 3 minutes per person
- Address comments to the Committee as a body and not to any individual member thereof
- Disruptive conduct is not allowed & individual may be asked to leave meeting



NMPPEnergy.org



6

Consent Agenda

- Approval of Minutes of the January 21, 2026 Meeting
- The next meeting of the Power Supply Committee will be held on August 19, 2026 at the Younes Conference Center South, in Kearney, Nebraska



NMPPEnergy.org




7



2026 Summer Season Load and Capability Report

Matt Reed
Resource & Planning Analyst




NMPPEnergy.org




8

PRELIMINARY

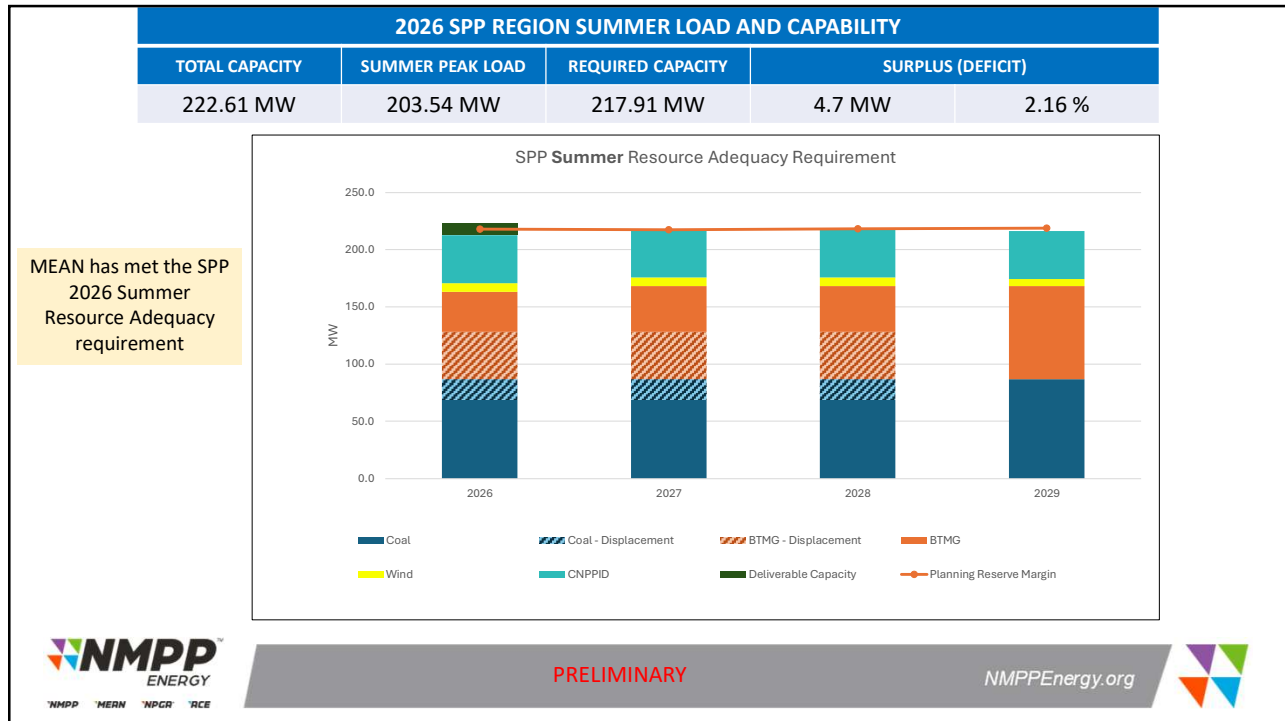
SPP and the West face a shifting regulatory landscape. Resource Adequacy projections shown in the following slides are preliminary and based on the best available information.



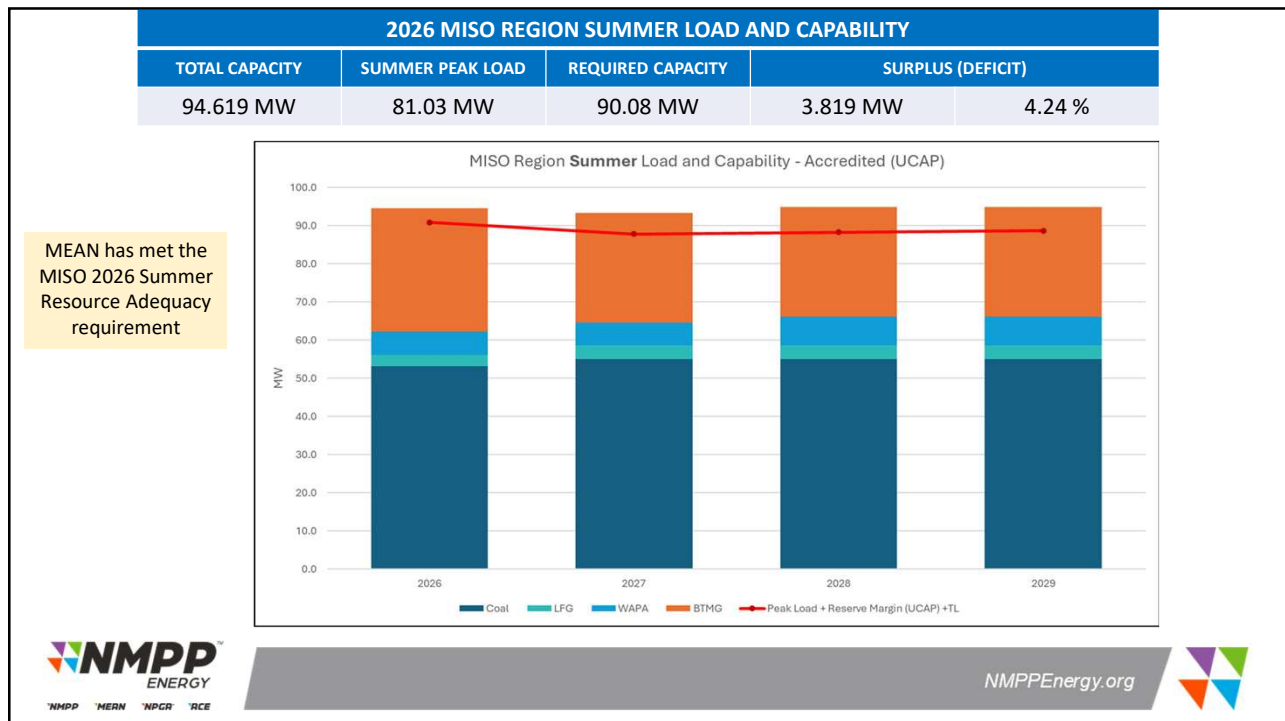
NMPPEnergy.org



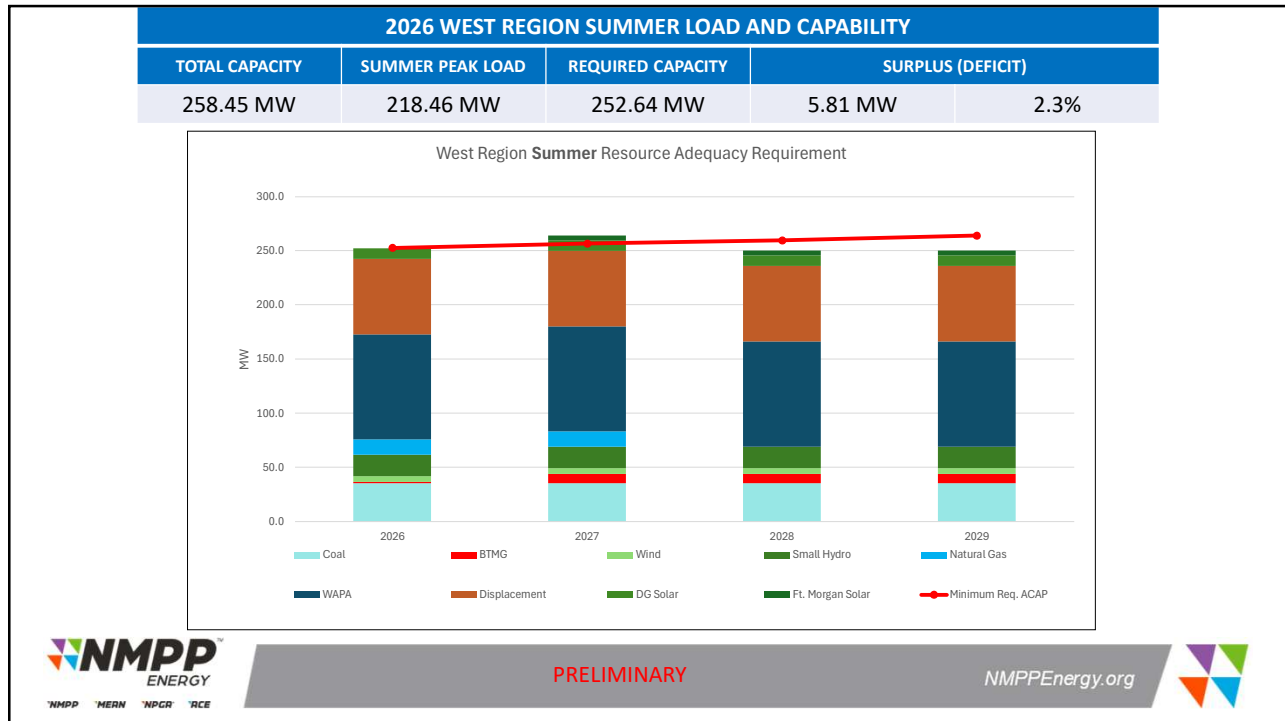
9



10



11



12

Consent Resolution*

Approval of the consent resolution as shown on page 3 of the meeting packet

13



Village of Snyder, Nebraska Amended and Restated Total Power Requirements Power Purchase Agreement (Service Schedule M)*

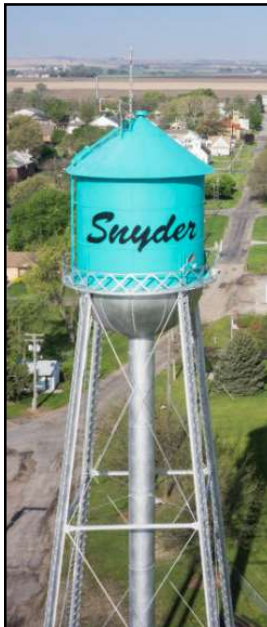
Michelle Lepin
General Counsel



NMPPEnergy.org



14



Village of Snyder, Neb. Modernized SSM

- Snyder is currently a Service Schedule J (SSJ) participant
 - SSJ term 6/1/20 - 5/31/26
- Snyder has requested to transition to the modernized SSM agreement effective June 1, 2026 when SSJ expires
 - Village Board approved the modernized SSM April 8, 2026
- Budget and Fixed Cost Recovery Charge (FCRC) Allocation approved at the Jan. 2026 MEAN Board meeting already includes Snyder as an SSM effective June 1, 2026



NMPPEnergy.org



15

Village of Snyder, Nebraska Amended and Restated Total Power Requirements Power Purchase Agreement (Service Schedule M)*

Approval of the resolution as shown on page 6 of the meeting packet



NMPPEnergy.org



16



Modifications to Asset Management Policies and Procedures (AMPP) and Unit Generating Procedure*

Aidan Beckman
Staff Attorney



NMPPEnergy.org



17

Updates for MISO LMRs and Fuel Switching

- AMPP and Unit Generating Procedure updates related to anticipated Midcontinent Independent System Operator (MISO) Load Modifying Resource (LMR) changes
 - ▶ MISO may penalize and disqualify LMRs if they are unavailable, do not respond to the dispatch instruction, or do not generate up to their scheduled quantity
 - ▶ Changes allow MEAN to pass through charges and penalties and further harmonize notice requirements with Unit Generating Procedure
- Fuel Switching Procedure provides a step-by-step procedure for dual-fuel units to fuel switch with sufficient advance notice
- A few housekeeping edits



NMPPEnergy.org



18

Modifications to Asset Management Policies and Procedures (AMPP) and Unit Generating Procedure*

Approval of the resolution as shown on page 7 of the meeting packet



NMPPEnergy.org




19



Integrated Resource Plan Update

Aaryan Naik
Energy Resource Developer



NMPPEnergy.org 

20

2027 IRP Background

What is the IRP?

- The Integrated Resource Plan (IRP) is a long-term planning document that identifies how we will meet our future electric resource needs, evaluating both supply-side (generation, purchases) and demand-side (energy efficiency, conservation) options.

Why is it required?



- Submission of the IRP is required by the Western Area Power Administration (WAPA) under federal regulation 10 CFR Part 905. All WAPA firm power customers must submit an updated IRP every 5 years.


What must the IRP include?

- The IRP must show how we plan to provide reliable and cost-effective service, taking into account environmental impacts, load forecasting, resource alternatives, and clear action steps for implementation.
- The IRP must include a public participation process, providing an opportunity for public input, and must document how public comments were gathered, considered, and addressed in the final plan.

When is it due?

- Our IRP must be finalized and submitted to WAPA in Q2 2027, in order to meet regulatory compliance and avoid financial penalties.

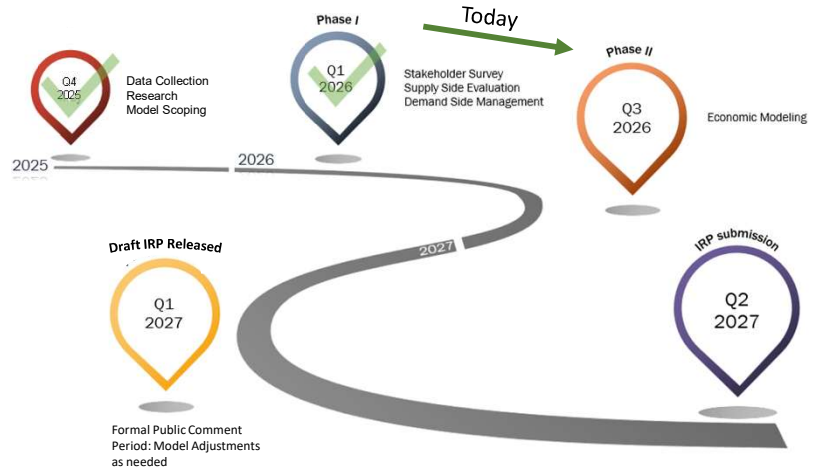
NMPPEnergy.org 

21

2027 IRP Process Overview

- Define goals and gather data for resource planning
- Model scenarios and evaluate resource options
- Finalize plan and submit to WAPA

Public participation is allowed and encouraged throughout the process



*Timelines could change, visit nmpenergy.org for notices and up-to-date info



NMPPEnergy.org



22

Stakeholder Survey Results

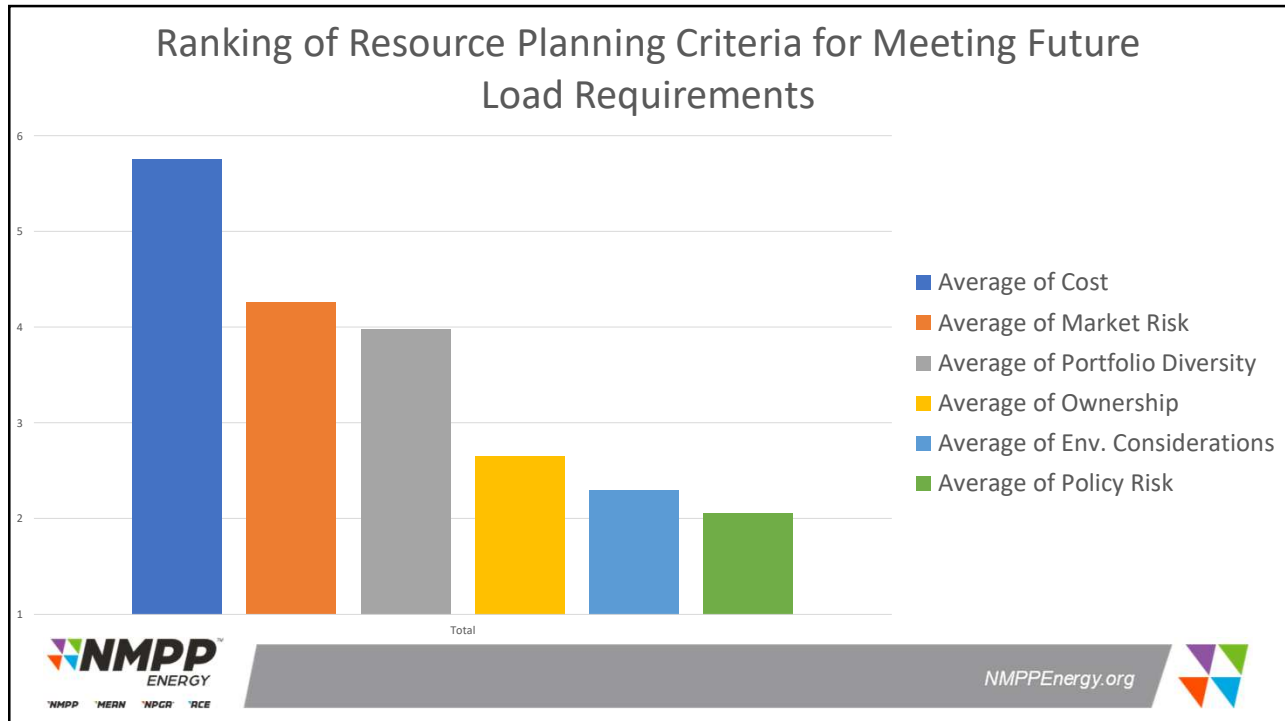
- 3 Main Questions to Support Modeling and Resource Decisions
 - Resource Planning Criteria
 - Potential Demand Side Management Programs
 - Electrification Factors
- 56 Survey Responses



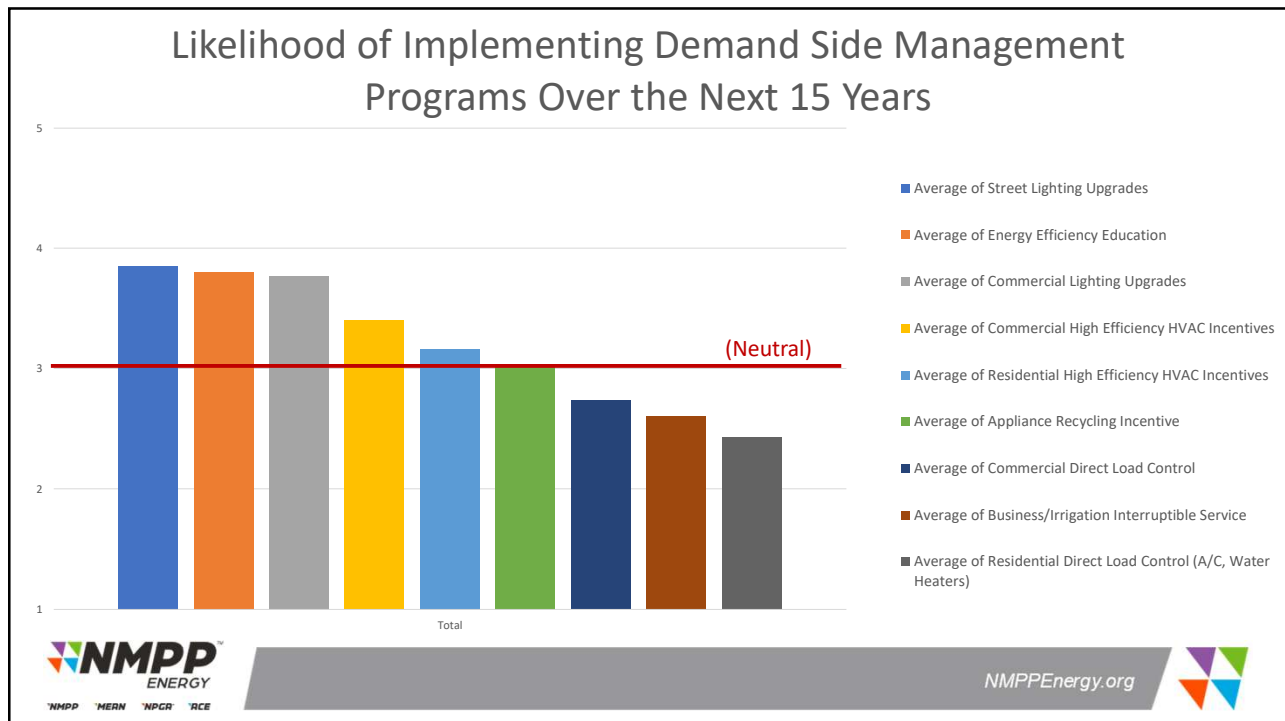
NMPPEnergy.org



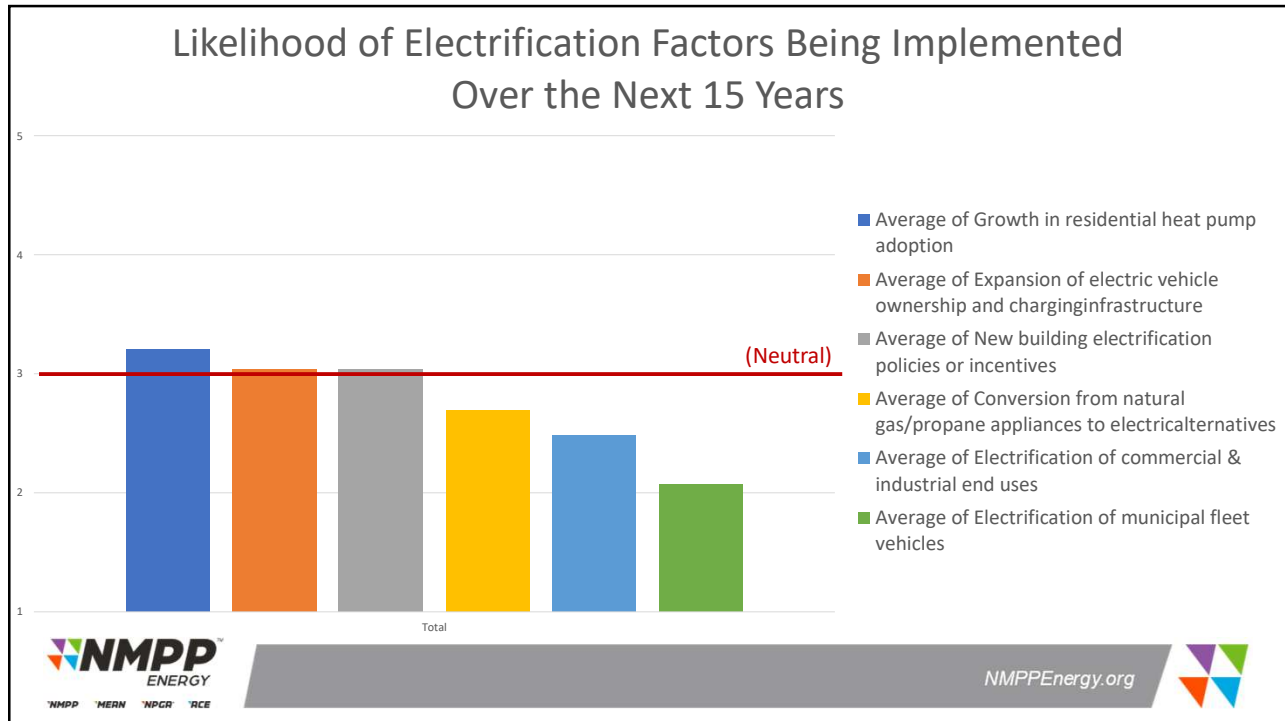
23



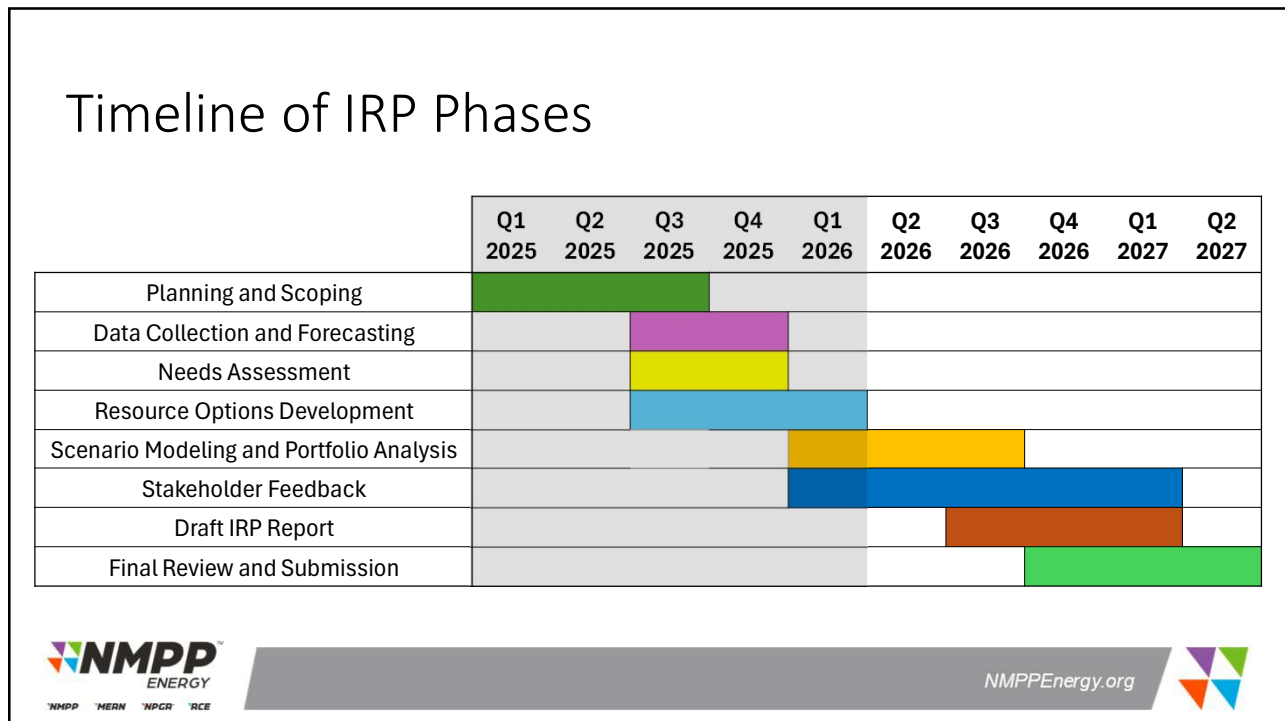
24



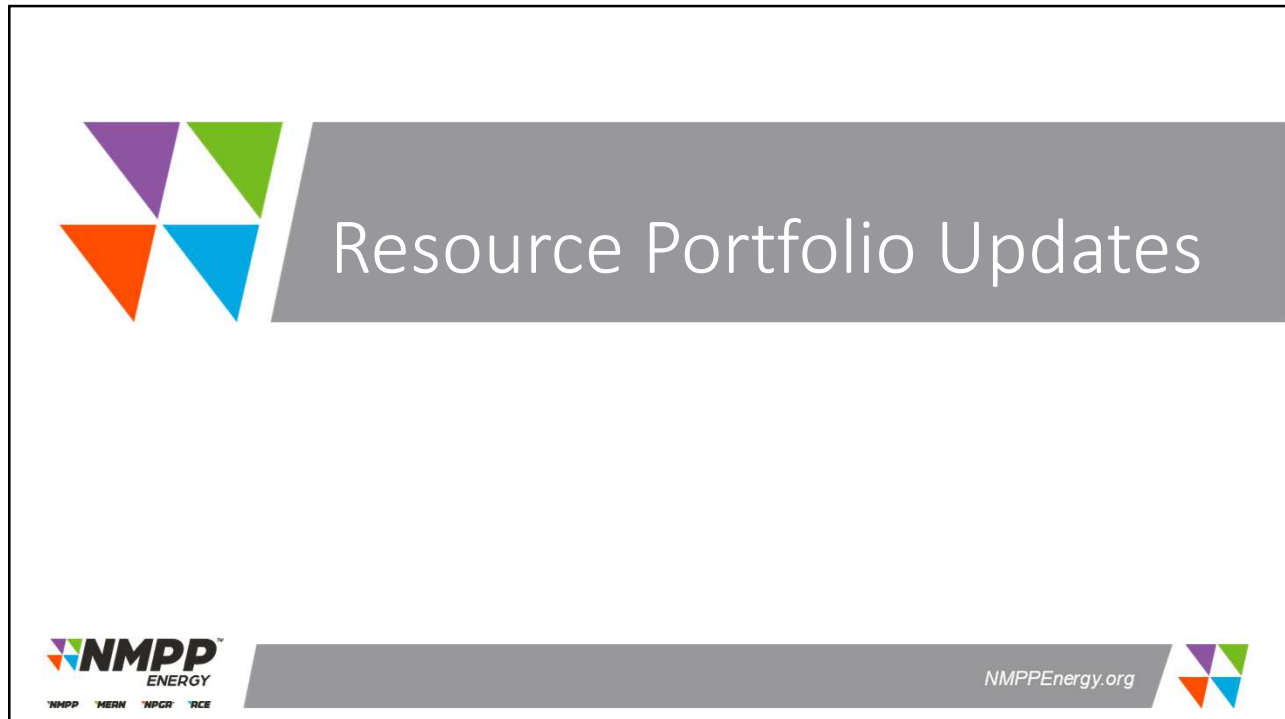
25



26



27



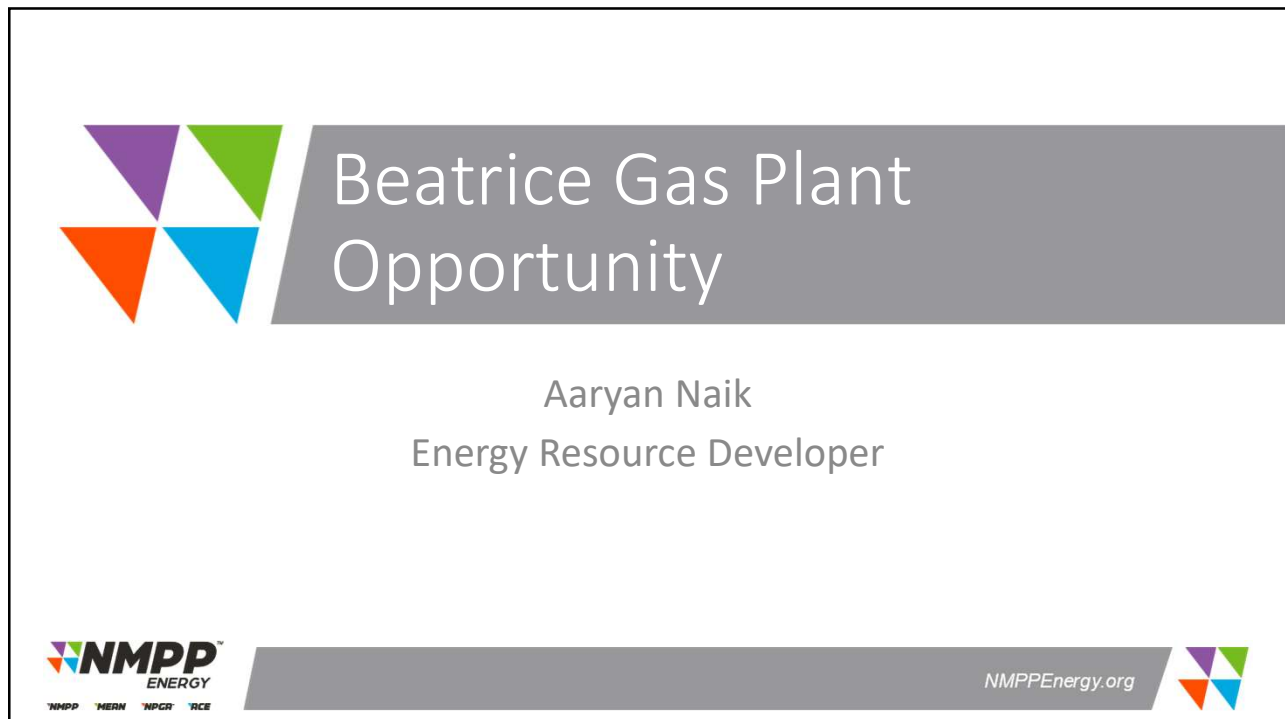
Resource Portfolio Updates

NMPP
ENERGY
NMPP MERN NPCR RCE

NMPPEnergy.org

This slide features a title bar with the text "Resource Portfolio Updates" in white on a grey background. To the left of the title bar is a logo consisting of four triangles (purple, green, orange, blue) arranged in a larger square. At the bottom left is the NMPP Energy logo, and at the bottom right is the website URL "NMPPEnergy.org" next to a smaller version of the four-triangle logo.

28



Beatrice Gas Plant Opportunity

Aaryan Naik
Energy Resource Developer

NMPP
ENERGY
NMPP MERN NPCR RCE

NMPPEnergy.org

This slide features a title bar with the text "Beatrice Gas Plant Opportunity" in white on a grey background. To the left of the title bar is the same four-triangle logo as seen on the previous slide. Below the title bar, the name "Aaryan Naik" and title "Energy Resource Developer" are centered. At the bottom left is the NMPP Energy logo, and at the bottom right is the website URL "NMPPEnergy.org" next to a smaller version of the four-triangle logo.

29

Beatrice Gas Plant Opportunity

- 120-200 MW Facility in Beatrice
- Most likely a Combustion Turbine (CT) without Selective Catalytic Reduction (SCR) or a Reciprocating Internal Combustion Engine (RICE unit)
- Pushed as a facility for smaller utilities to partner in
- Unit will be owned and operated by a stand alone Interlocal
- Utilities that participate will have a Life of Unit Offtake Agreement
- Preliminary cost estimates are around industry standards
- Looking for a soft commitment by June



NMPPEnergy.org



30



Behind the Meter Generation Capacity Commitment Incentive Program

Aaryan Naik
Energy Resource Developer



NMPPEnergy.org



31

Program Goals and Benefits



Opportunity for MEAN communities to develop local generation assets



Provides financial incentives for projects that deliver dependable capacity



Helps MEAN meet future Resource Adequacy (RA) needs



Aligns community investments with MEAN's long-term system strategy



NMPPEnergy.org



32

BTMG INCENTIVE PROGRAM TIMELINE

Supporting Local Generation. Strengthening Reliability. Delivering Value.











NMPPEnergy.org



33


Project Expectations

-  **Participant-Owned Model:** Projects must be owned and operated by the community (not MEAN-owned)
-  **Behind-the-Meter Requirement:** Resources must be located on the local distribution system
-  **New Capacity Only:** Existing or already-contracted resources are not eligible
-  **Size:** Projects must be under 10MW to be considered to avoid costly interconnection studies
-  **Service Schedule:** Participant must be signed under the modernized Service Schedule M (SSM) Agreement
-  **MEAN Support:** Ongoing technical guidance and development support provided to participants


NMPPEnergy.org



34

Project Ranking Criteria




INFRASTRUCTURE & PROJECT FEASIBILITY

Evaluates development readiness, dedicated staffing, interconnection and siting considerations, study progress, and confidence in the commercial operation date.




LOCATION / MARKET VALUE

Assesses how the project's location aligns with MEAN's capacity needs and delivers value to the market or region.




RELIABILITY & ACCREDITED CAPACITY

Considers the project's dependable capacity contribution, availability during peak periods, and dispatch reliability (fuel security and/or state of charge).




COMMUNITY RESILIENCE BENEFITS

Measures the project's positive impact on local reliability, critical infrastructure, and resiliency of the community and local electrical grid.




ENVIRONMENTAL ATTRIBUTES


Evaluates a projects adherence to local, state and federal guidelines on environmental compliance.




Projects are scored across all criteria to create a composite ranking score.



Higher scores reflect greater overall value to MEAN.



MEAN retains discretion to consider additional strategic factors and select projects beyond the highest composite score.


NMPPEnergy.org


35

Next Steps

- Program details and approval for August Board Meeting
- Request for Proposal (RFP) Release in late August- Early September
- For those interested
 - ▶ Begin gathering information you have over potential BTMG
 - ▶ Email anaik@nmppenergy.org to be added to the list
 - ▶ When RFP is issued, submit an intent to bid



36



Sandhills Solar Project near Sidney, Nebraska

Aaryan Naik
Energy Resource Developer

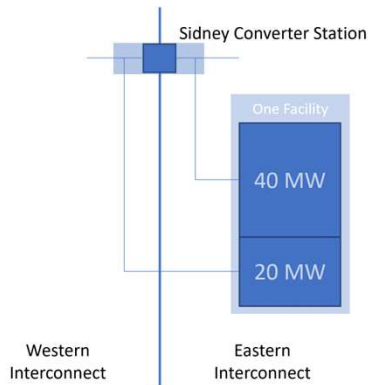


NMPPEnergy.org



37

Sandhills Solar near Sidney, NE



- **Phase 1 – 40 MW (GCOD May 31, 2028)**

- ▶ Connect to East
- ▶ Generator Interconnection Agreement in-hand
 - R-Line contingent, limited to 8.5 MW non-summer
 - R-Line expected to be operational Q4 2028
- ▶ Firm transmission in-hand up to 35 MW
- ▶ PPA to be reviewed when received
- ▶ Price
 - Combined price for both phases
 - Can escalate modestly for Phase 2 upgrades

- **Phase 2 – 20 MW (COD TBD)**

- ▶ Connect to West
- ▶ No Interconnection Agreement
- ▶ PPA or amendment later



NMPPEnergy.org



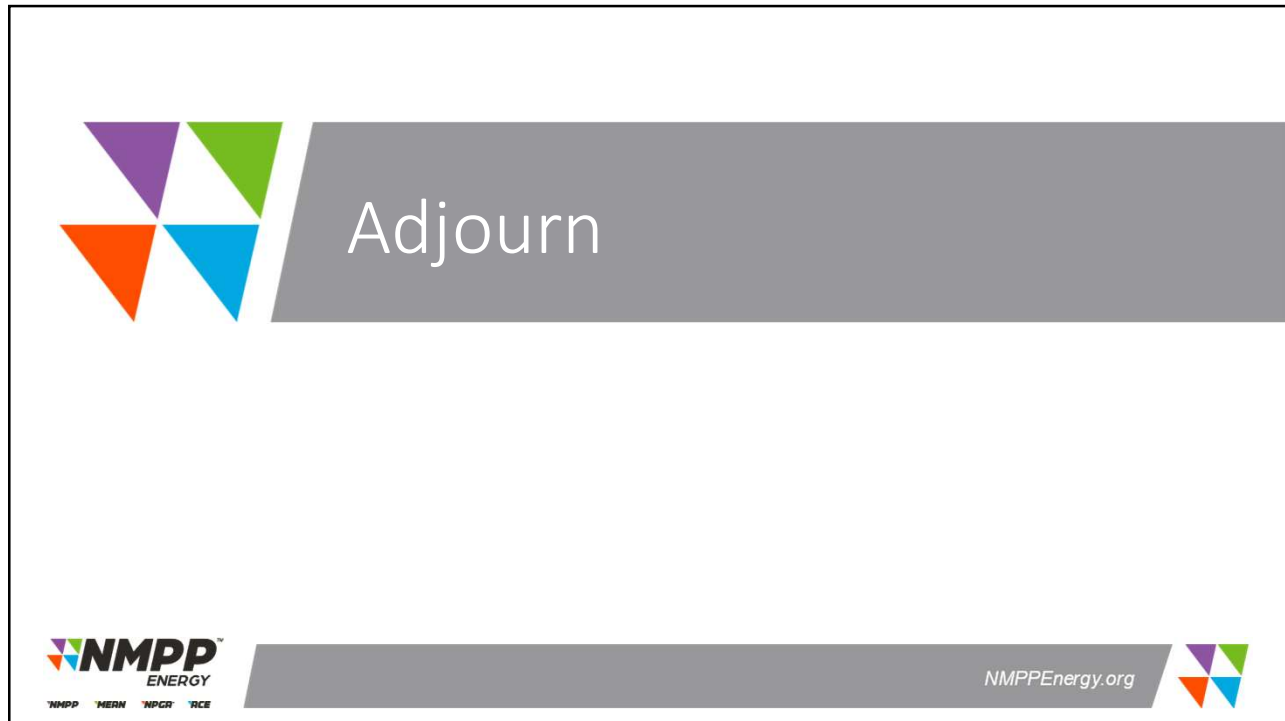
38

Sandhills Update

- 2.5 MW, 2-hour battery at Ft Morgan Raceway Solar
 - 2.5 MW – most it can charge/discharge at any time
 - 2 hours – how long it takes to discharge at 2.5 MW
 - Takes longer than 2 hours to charge due to losses (called round-trip efficiency)
- MEAN to optimize and dispatch
- DC/AC Coupled
- Energy arbitrage only
- Favorable pricing for pilot asset
 - Terms and Engineering still under development



39



Adjourn

NMPP
ENERGY
NMPP MERN NPCR RCE

NMPPEnergy.org

The slide features a central grey horizontal bar with the word "Adjourn" in white text. To the left of this bar is a logo consisting of four triangles (purple, green, orange, blue) arranged in a square pattern. At the bottom left, the "NMPP ENERGY" logo is displayed, with "NMPP" in a large, bold font and "ENERGY" in a smaller font below it. Underneath "ENERGY" are the letters "NMPP MERN NPCR RCE" in a very small font. At the bottom right, the website address "NMPPEnergy.org" is written in a small font, followed by a smaller version of the four-triangle logo.