



Meeting Information

MEAN Board Portal

Login at: <https://www.nmppenergy.org>

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MEAN Power Supply Committee Virtual Meeting

November 13, 2025

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Call to Order

Tom Goulette
Committee Chair



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Call to Order

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



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Public Comment Period



NMPP ENERGY
NMPP NERN NPCR RCE

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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



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Power Supply Committee-Consent Agenda

- Approval of Minutes of the August 20, 2025 Meeting
- The next meeting of the Power Supply Committee will be held on November 19, 2025 at the Younes Conference Center South, Kearney, Nebraska. In the case of inclement weather, the meeting may be held virtually.



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Consent Resolution*

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



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Potential Resource Additions

Nathan Horrell

Manager of Resources, Planning and Transmission

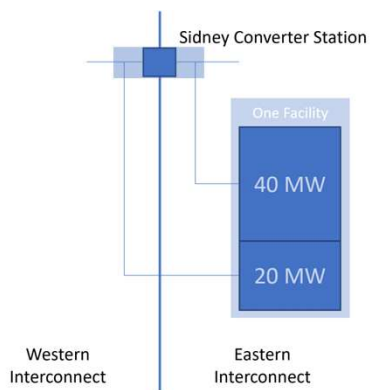


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Sandhills Solar near Sidney, NE



- Phase 1 – 40 MW (COD Q4 2027)
 - Connect to East
 - Interconnection Agreement in-hand
 - R-Line contingent, limited to 8.5 MW non-summer
 - Firm transmission in-hand up to 35 MW
 - PPA in development
 - 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



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Black Hills Energy – Project Opportunity

- 20 MW Solar PPA
 - Unexpected Sub T costs identified, catastrophic price increase
 - **Project is no longer on offer**
- Recip. Engine – Lange 3
 - Need 6 units for viable project
 - MEAN offered 1 unit
 - Other 5 units backed out of project
 - **Project is no longer on offer**



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Meeting Capacity Need Through Behind the Meter Generation (BTMG)

- Capacity market – costs are increasing (dramatically)
- Resources of all types are seeing increased costs for new builds
- MEAN has a need for capacity resources (dispatchable, dual-fuel)
- BTMG is very valuable, and gets more valuable in an era of high capacity prices
- Need to build BTMG without causing extreme cost escalation
- Solutions?
 - MEAN-owned BTMG
 - Member-owned BTMG



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Resource Adequacy Buffer

Nathan Horrell

Manager of Resources, Planning and Transmission



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Risks to Annual Accreditation (SPP)

- Performance Based Accreditation (PBA)
 - RISK: If units go on forced outage during accreditation season, accreditation takes a hit
 - MITIGATION:
 - Ops focus on minimizing forced outages
 - Carry extra capacity
- Effective Load Carrying Capability (ELCC)
 - RISK: Wind, solar, and BESS accreditation can change from year-to-year
 - Usually, will decrease as more gets built (but not always)
 - MITIGATION: carry extra capacity
- Peak Demand Assessment
 - RISK: Could see penalties (Cost of New Entry (CONE)) if we under-forecast load by more than 3%*
 - Mitigation: no penalties assessed if excess capacity is carried

*policy is still in development



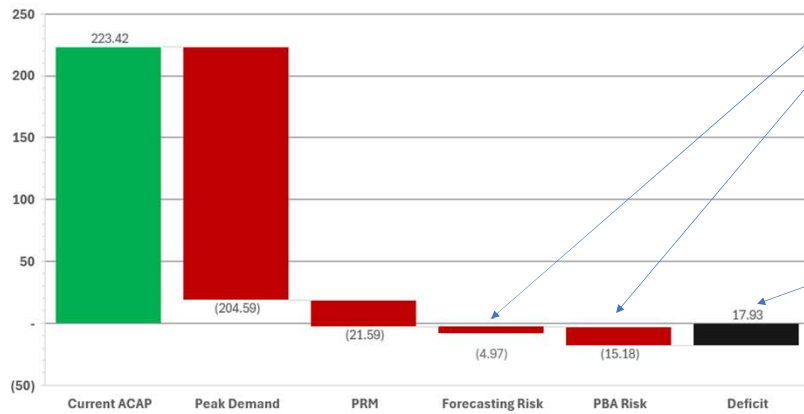
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Capacity Risk Buffer (SPP)

Summer Accreditation Risk - SPP



- Assumes load additions
- Assumes largest unit (WEC2) takes Forced Outage for full season
- Forecast and PBA risk are not correlated – we don't have to add them; we can take the larger of the two to mitigate both
- Bottom line – recommend to carry ~15MW of summer “buffer” capacity in SPP.**
- Winter carries additional risk
- Other areas/regions will have different buffers.



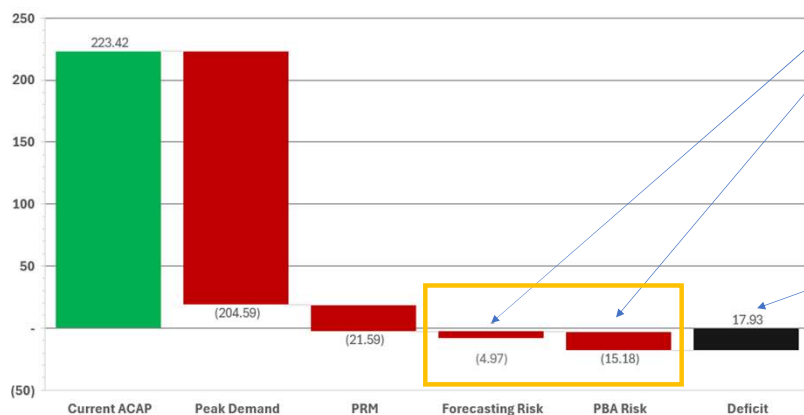
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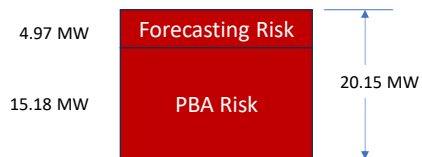
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Combining Risks

- Correlated risks stack



- Uncorrelated risks don't



PBA and Forecasting Risks are uncorrelated

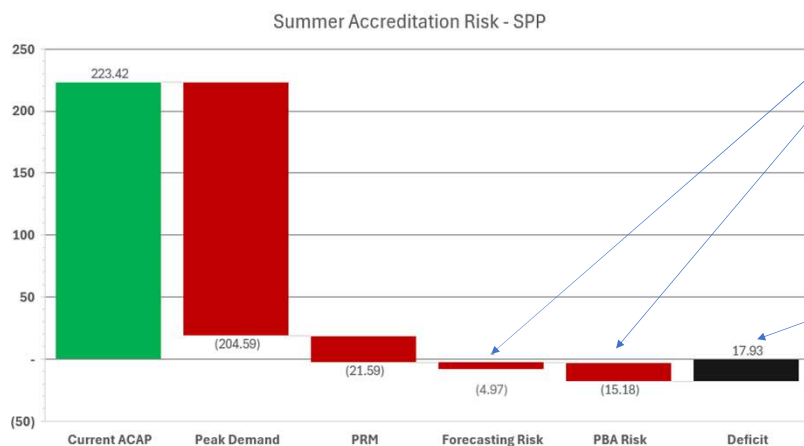


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Adjourn



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