Municipal Energy Agency of Nebraska Resource Adequacy Annual Report

Submitted pursuant to Colorado HB 23-1039 (Article 40-43-104)
Reporting Year: 2026

This Resource Adequacy Annual Report is submitted to the Colorado Energy Office in accordance with HB 23-1039 (Article 40-43-104) and provides MEAN's load forecast, accredited capacity resources, planning reserve margins, and resource needs for the 2027-2031 planning period.

Background on the Municipal Energy Agency of Nebraska (MEAN)

The Municipal Energy Agency of Nebraska (MEAN) was created on June 22, 1981, as a body corporate and politic under the Nebraska Municipal Cooperative Financing Act (Sections 18-2401 through 18-2485, Reissue Revised Statutes of Nebraska). MEAN was established to plan, acquire, finance, and operate electric generation and transmission facilities on behalf of its 61 participating municipal utilities. MEAN's power supply system consists of both ownership interests and contractual entitlements in a diverse portfolio of generation and transmission resources (the "MEAN Power Supply System"). More information about MEAN is available at nmppenergy.org/mean.

Resource Adequacy Narrative

As shown in **Table 1** and **Table 2**, MEAN's resource assessment for the upcoming planning period indicates a short term capacity deficiency resulting from ordinary portfolio transitions and the timing of contract expirations relative to future resource additions. This deficiency is not indicative of a long term structural shortfall. MEAN plans to address the near term gap through the procurement of short term bilateral capacity agreements and supplemental market purchases, as needed, to ensure reliability and maintain compliance. MEAN will continue to refine and adjust its resource portfolio to minimize future reliance on short term procurement.

MUNICIPAL ENERGY AGENCY OF NEBRASKA

Table 1. Resource Adequacy Requirements Summary

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HB 23-1039 Article 40-43-104	**Requirements Summary (Units - %, MW)**	**2027**	**2028**	**2029**	**2030**	**2031**
3a	Native Load Forecast	44.21	46.23	46.39	46.55	46.71
3b	Nameplate Capacity and Accredited Capacity by Individual Resource (See Table 2)					
3c	Resources - Distributed Generation - Accredited	0	0	0	0	0
3d	Demand Response	0.0	0.0	0.0	0.0	0.0
3e	Target Planning Reserve Margin	2.21%	2.94%	3.00%	3.05%	3.11%
3f	Forecasted Planning Reserve Margin	-2.6%	-6.84%	-7.16%	-7.48%	-7.8%
3g	Resources - Total Accredited Capacity (including Distributed Generation)*	43.065	43.065	43.065	43.065	43.065
3h	Excess Capacity	0	0	0	0	0
	Deficient Capacity	2.123	4.524	4.714	4.904	5.094

*Wind accredited capacity was derived using Southwest Power Pool's Accreditation Calculator, which uses a methodology yielding more conservative results than the Effective Load Carrying Capability (ELCC) methodology. Solar accreditation uses Southwest Power Pool's ELCC study results for solar farms.

Table 2. Resource Descriptions and Accredited Capacity									
	Colorado Resource Adequacy Annual Report								
HB 23-1039 Article 40-43-104	Resources Descriptions	Fuel Type of Resource	Tier***	Nameplate (Contracted Capacity)	Accredited Capacity				
3b					2027	2028	2029	2030	2031
	Ruedi/Maroon Creek	Hydro	Tier 1	4.00	4.00	4.00	4.00	4.00	4.00
	WAPA LAP Allocations	Hydro Based	Tier 1	0.259	0.259	0.259	0.259	0.259	0.259
	WAPA SLCA Allocations	Hydro Based	Tier 1	4.806	4.806	4.806	4.806	4.806	4.806
	WAPA Displacement	Hydro Based	Tier 1	34	34	34	34	34	34

***Definition of Tier. **Tier 1** is a resource owned or contracted by MEAN that reached commercial operations by the January 2026 report date. **Tier 2** is a planned resource owned or contracted by MEAN or anticipated to be owned or contracted by MEAN with a scheduled commercial operation date after the January 2026 report date. **Tier 3** is a studied resource anticipated to be owned or contracted by MEAN with no scheduled commercial operations date.