

# MUNICIPAL ENERGY AGENCY OF NEBRASKA

Table 1						
Colorado Resource Adequacy Annual Report						
HB 23-1039 Article 40- 43-104	Requirements Summary (Units - %, MW)	2025	2026	2027	2028	2029
3a	Native Load Forecast	137.9	138.6	139.3	139.9	140.6
3b	Nameplate Capacity and Accredited Capacity by Individual Resource (See Table 2)					
3c	Resources - Distributed Generation - Accredited	4.7	14.9	14.9	14.9	14.9
3d	Demand Response	0.0	0.0	0.0	0.0	0.0
3e	Target Planning Reserve Margin	15.0%	15.0%	15.0%	15.0%	15.0%
3f	Forecasted Planning Reserve Margin	29.3%	32.3%	31.7%	31.3%	30.9%
3g	Resources - Total Accredited Capacity (including Distributed Generation)*	178.3	183.3	183.4	183.7	184.0
3h	Excess Capacity	19.8	23.9	23.3	22.8	22.3
	Deficient Capacity	0.0	0.0	0.0	0.0	0.0

\*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.

<b>Colorado Resource Adequacy Annual Report</b>									
<b>HB 23-1039 Article 40- 43-104</b>	<b>Resources Descriptions</b>	<b>Fuel Type of Resource</b>	<b>Tier***</b>	<b>Nameplate (Contracted Capacity)</b>	<b>Accredited Capacity</b>				
3b					<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
	Ruedi/Maroon Creek	Hydro	Tier 1	4.00	4.00	4.00	4.00	4.00	4.00
	Shavano Falls - Drop 4	Hydro	Tier 1	3.00	3.00	3.00	3.00	3.00	3.00
	Shavano Falls - Drop 6	Hydro	Tier 1	5.00	5.00	5.00	5.00	5.00	5.00
	Ridgway	Hydro	Tier 1	8.00	8.00	8.00	8.00	8.00	8.00
	WAPA LAP Allocations	Hydro Based	Tier 1	74.64	74.64	74.64	74.64	74.64	74.64
	WAPA SLCA Allocations	Hydro Based	Tier 1	22.81	22.81	22.81	22.81	22.81	22.81
	WAPA Displacement	Hydro Based	Tier 1	66.69	66.69	66.69	66.69	66.69	66.69
	Kimball Wind	Wind	Tier 1	30.00	4.60	4.60	4.60	4.60	4.60
	Distributed Generation Solar - Project #1	Solar	Tier 2	0.88	0.53	0.53	0.53	0.53	0.53
	Distributed Generation Solar - Project #2	Solar	Tier 2	3.80	2.28	2.28	2.28	2.28	2.28
	Distributed Generation Solar - Project #3	Solar	Tier 2	0.35	0.21	0.21	0.21	0.21	0.21
	Distributed Generation Solar - Project #4	Solar	Tier 2	2.80	1.68	1.68	1.68	1.68	1.68
	Distributed Generation Solar - Project #5	Solar	Tier 3	7.00	0.00	4.20	4.20	4.20	4.20
	Distributed Generation Solar - Project #6	Solar	Tier 3	10.00	0.00	6.00	6.00	6.00	6.00
	Black Hills PPA	Natural Gas and Other Gases	Tier 1	15.00	15.00	15.00	15.00	15.00	15.00
	Laramie River Station 2 & 3	Coal	Tier 1	18.00	18.00	18.00	18.00	18.00	18.00
	WYGEN 1	Coal	Tier 1	20.00	20.00	20.00	20.00	20.00	20.00
	WEC2/Indianola Behind-the-Meter Generation**	Conventional Based	Tier 1	3.00	2.89	2.91	2.93	2.96	2.98
	Oak Creek Behind-the-Meter Generation	Conventional Based	Tier 1	1.36	1.36	1.36	1.36	1.36	1.36
	Kimball Behind-the-Meter Generation	Conventional Based	Tier 2	8.00	8.00	8.00	8.00	8.00	8.00

\*\*The town of Julesburg, Colorado is in the Eastern Interconnection. WAPA LAP's transmission system in the Eastern Interconnection is not contiguous to MEAN's designated network resources. It is the responsibility of MEAN to secure transmission service from a third-party provider to transmit the East-Side designated network resources to LAP's network or to serve the Julesburg load. MEAN serves this load using resources in both the SPP and MISO footprint.

\*\*\*Definition of Tier. **Tier 1** is a resource owned or contracted by MEAN that reached commercial operations by the January 18,2024 report date. **Tier 2** is a planned resource owned or contracted by MEAN with a scheduled commercial operation date after the January 18, 2024 report date. **Tier 3** is a studied resource anticipated to be owned or contracted by MEAN with no scheduled commercial operations date.