NVEnergy®

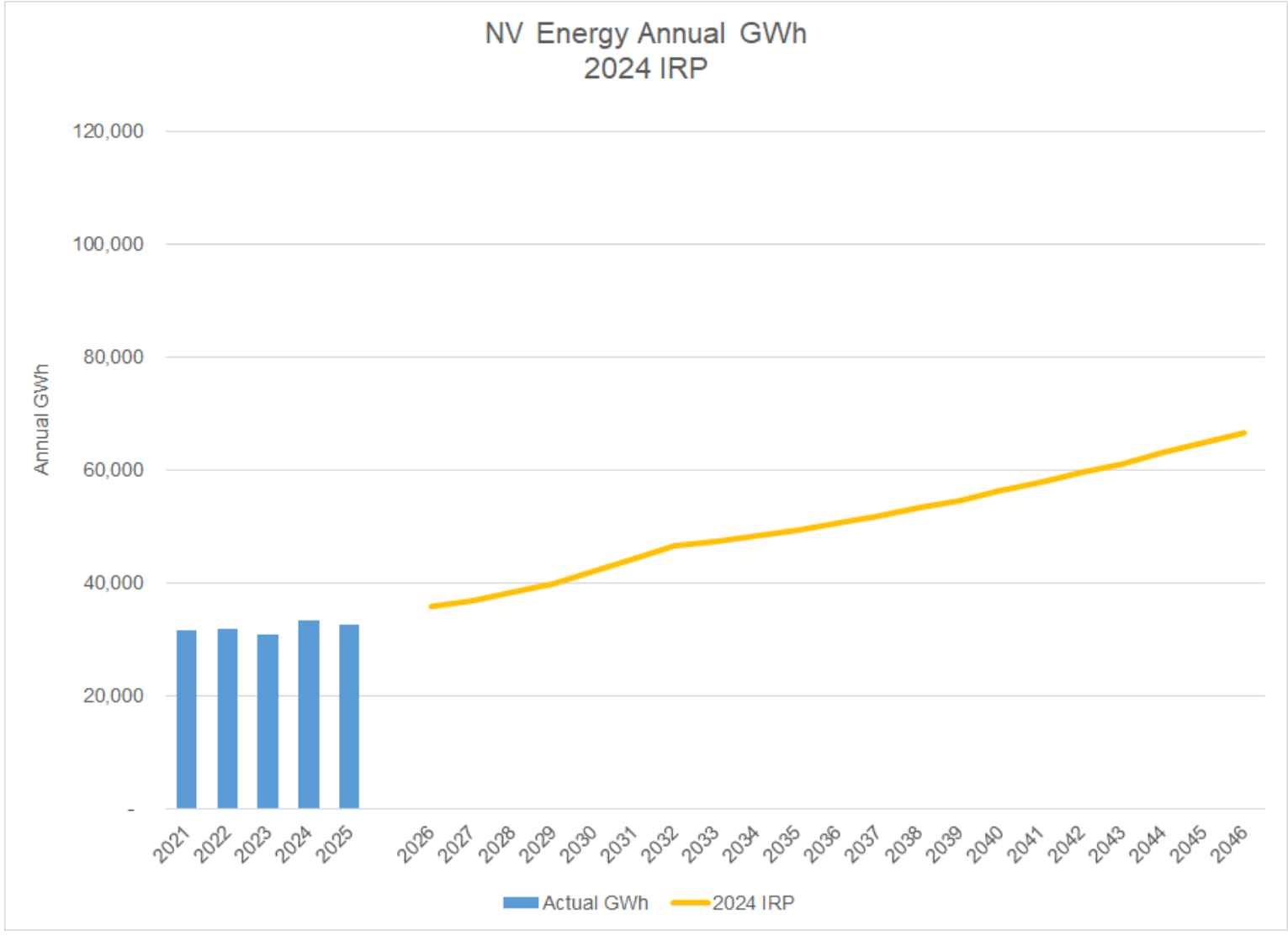
2026 Integrated Resource Plan ("IRP") Stakeholder Briefing

January 14, 2026

Resource Planning Process Flow

Load Forecast

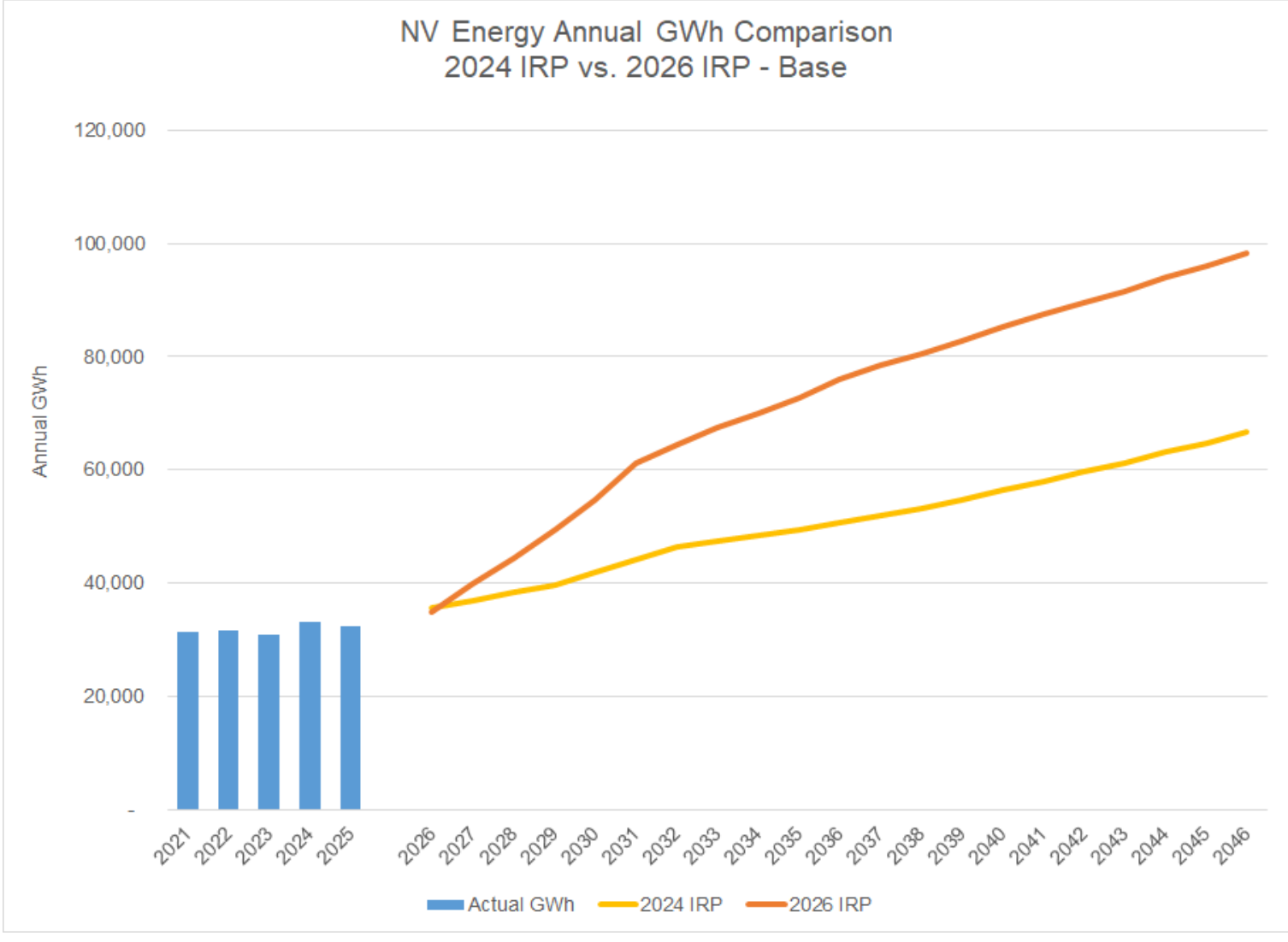
The approved 2024 IRP load forecast includes system growth of 31,00 GWh over the 20-year forecast period, or a compound annual growth rate (CAGR) of 3.2 percent



Load Forecast

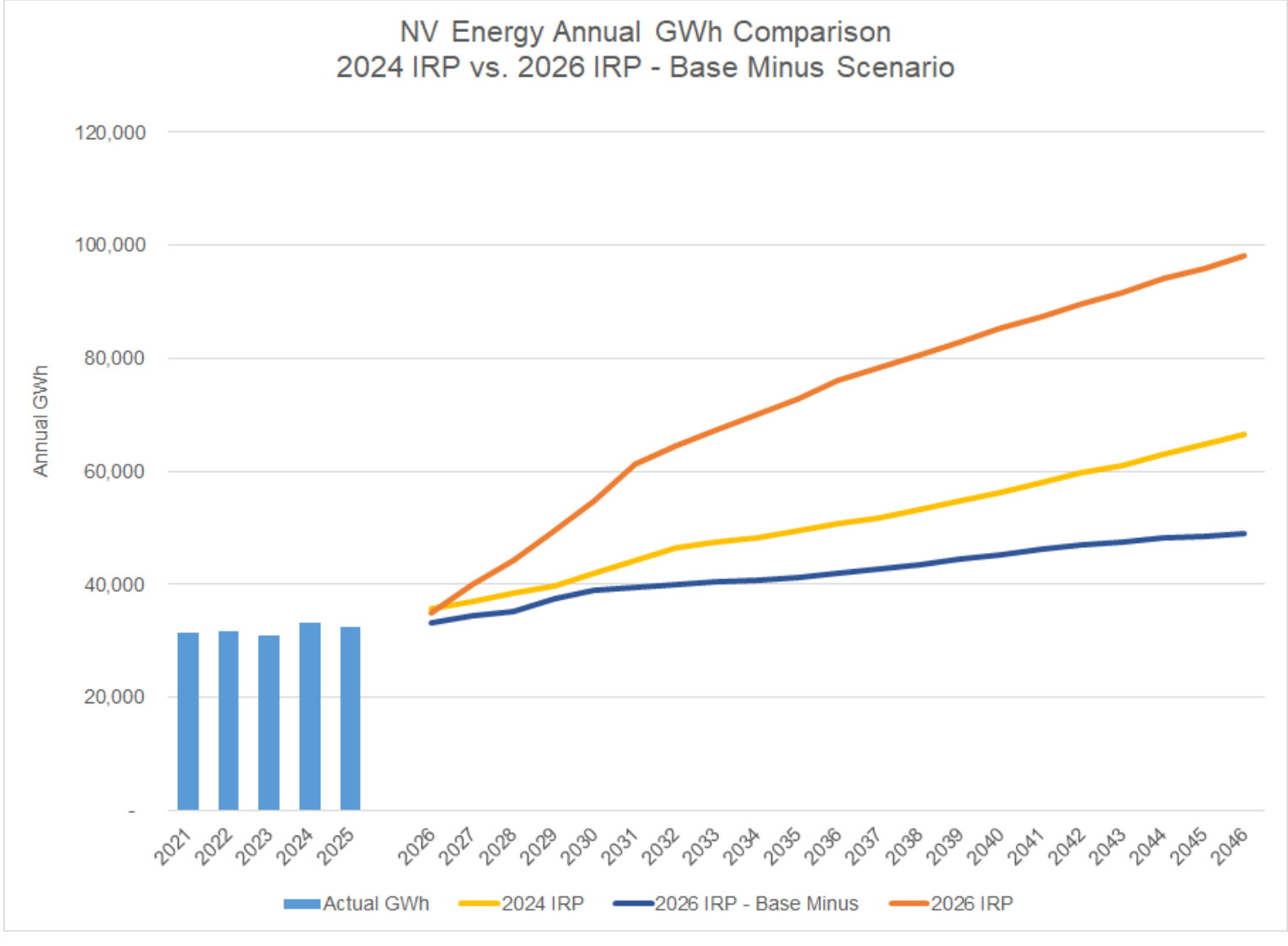
Over the 20-year planning period, the 2026 IRP load forecast represents a 47 percent increase in annual GWh from the 2024 IRP load forecast, driven primarily by large customer projects

	CAGR
Annual MW Peak	
Approved 2024 IRP	2.5%
2026 IRP	3.8%
Annual GWh	
Approved 2024 IRP	3.2%
2026 IRP	5.3%



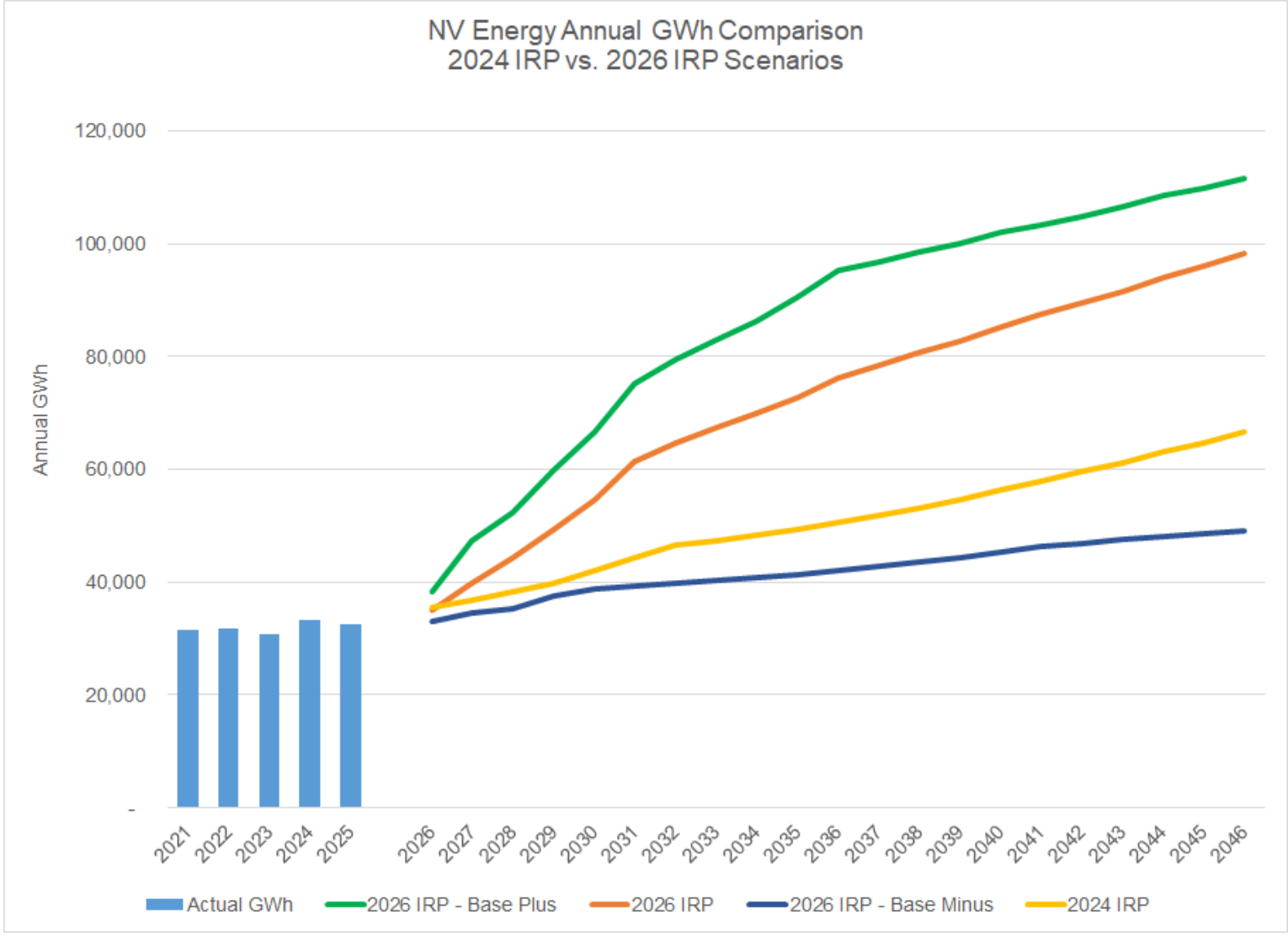
Load Forecast

An alternate forecast scenario (Base Minus) removes loads for large customer projects associated with data center and AI energy needs



Load Forecast

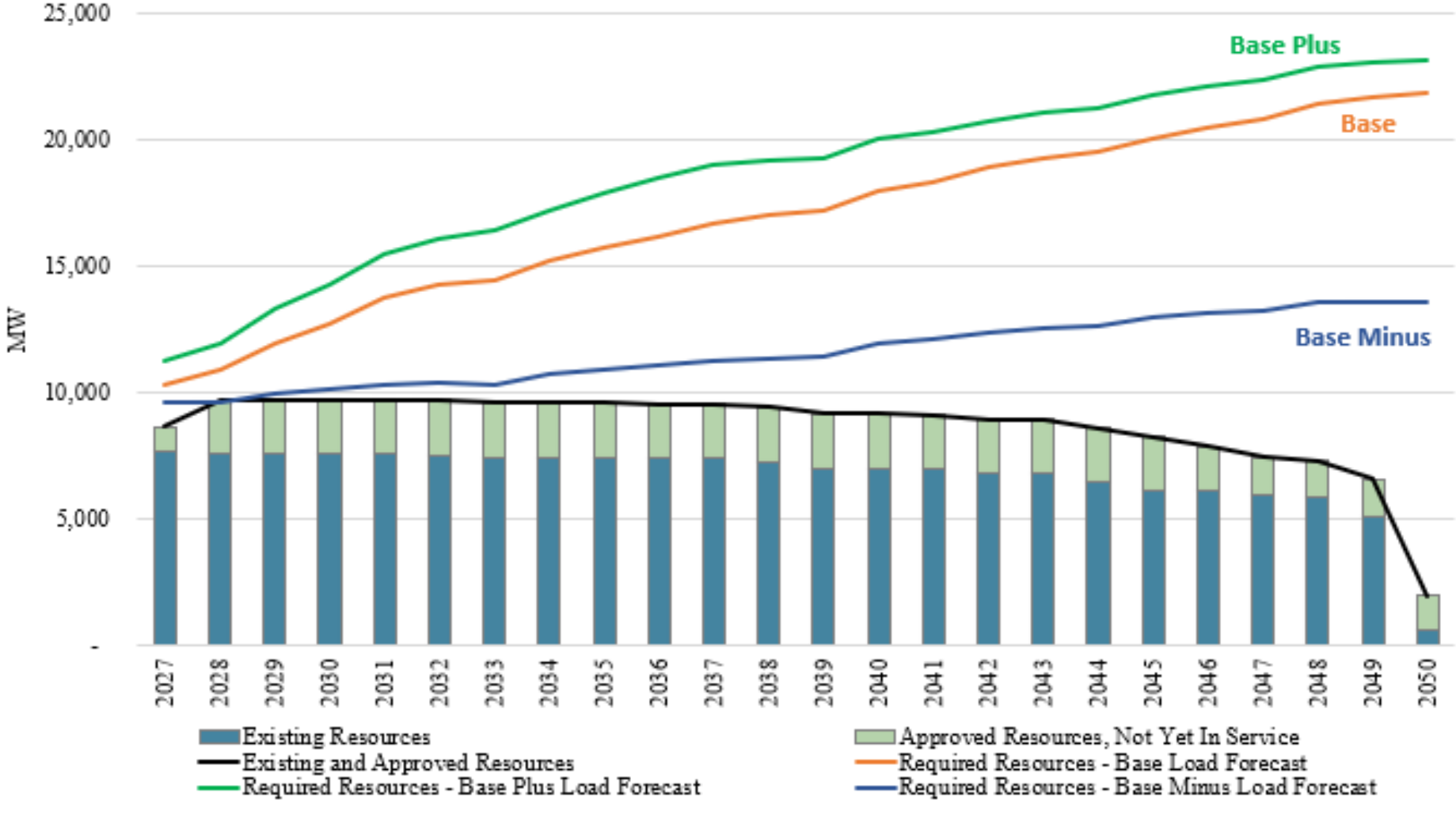
An additional forecast scenario (Base Plus) removes the mitigation applied in the Base load forecast to large customer projects with signed contracts



Assessment of Capacity Need

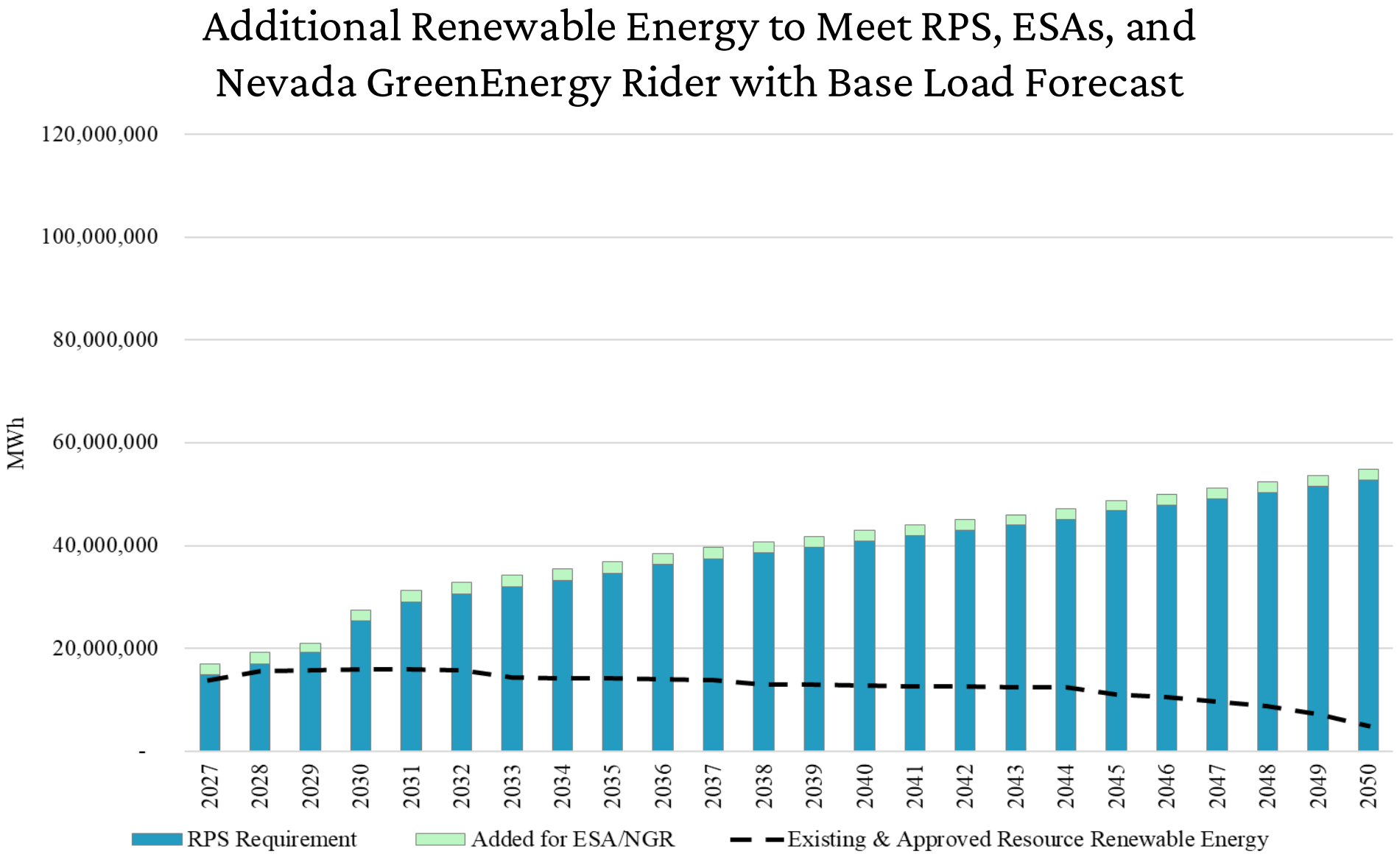
Integrated Resource Plan

NV Energy Capacity Positions For Base, Base Plus, and Base Minus Load Forecasts



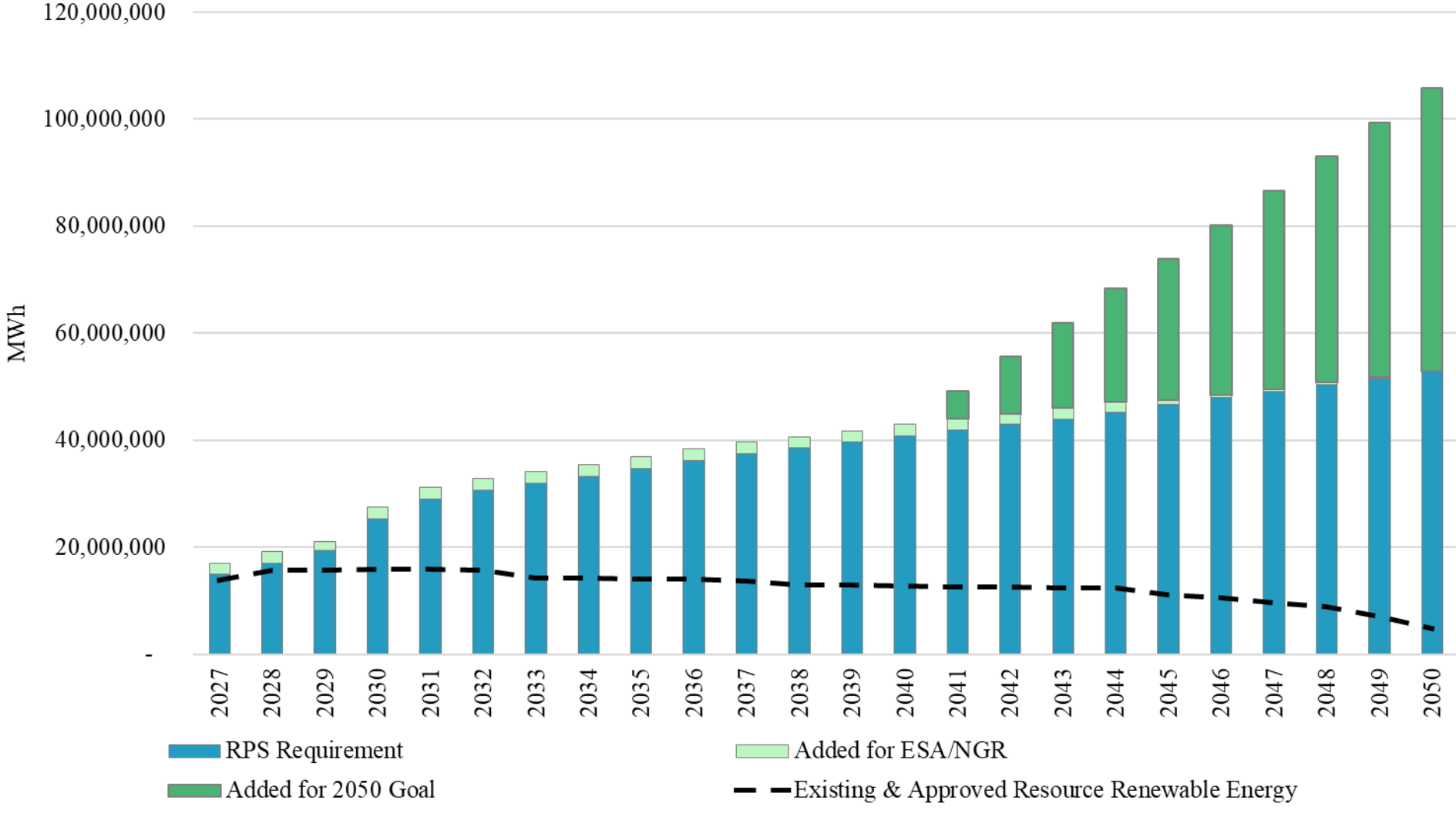
Base Load Forecast Renewable Energy Need

Integrated Resource Plan



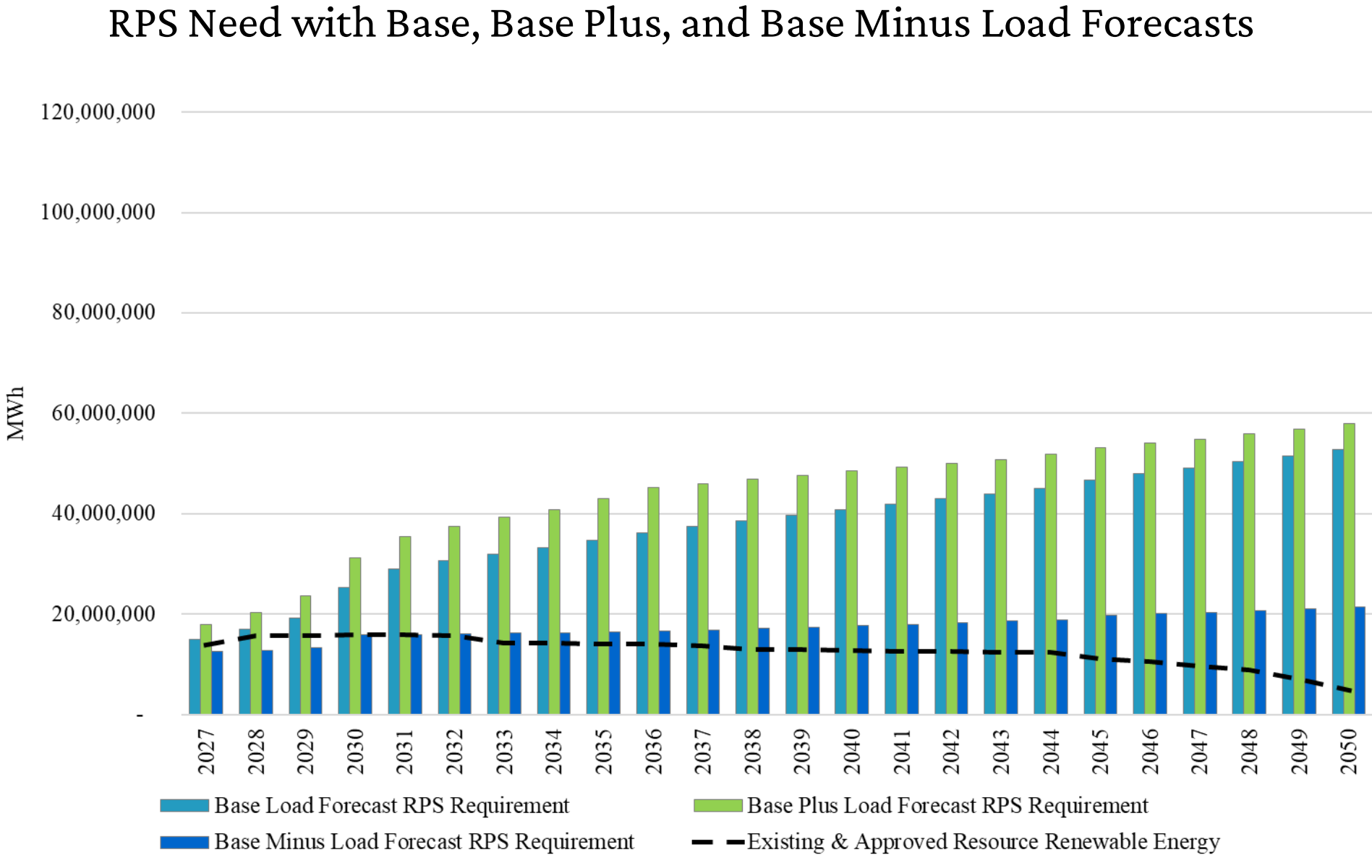
Base Load Forecast Renewable Energy Need (cont'd)

Additional Renewable Energy to Meet RPS, ESAs, Nevada GreenEnergy Rider, and State's 2050 Clean Energy Goal with Base Load Forecast



RPS Need With Various Load Forecasts

Integrated Resource Plan



2024 All Source Request For Proposals (RFP)

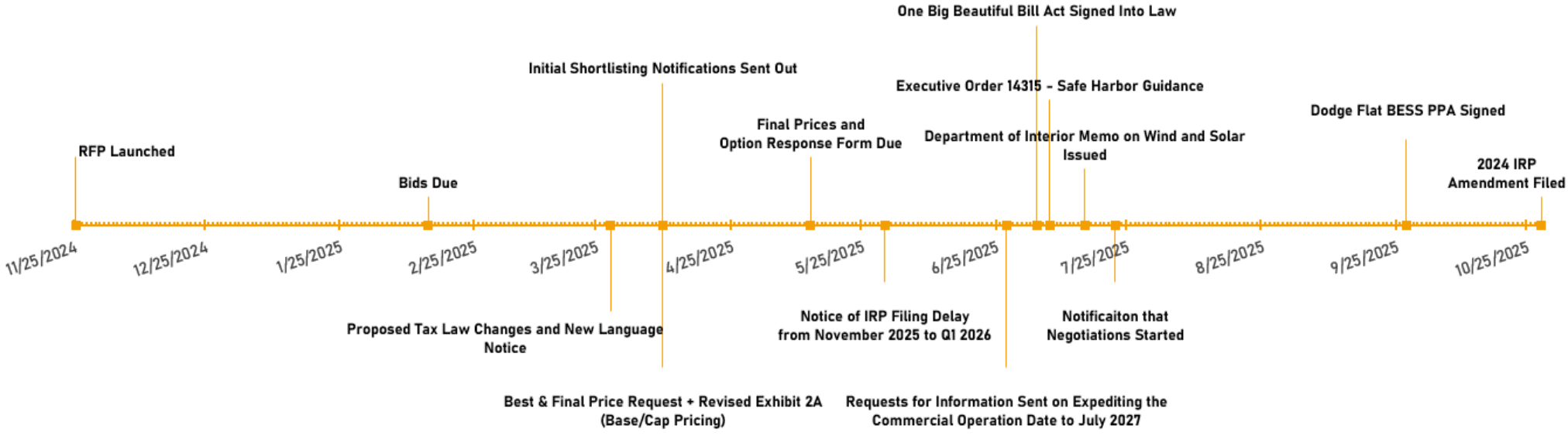
Integrated Resource Plan

Technology	Bids (#)	Companies (#)	Sum of Capacity (MW)	Sum of Storage Capacity (MW)	Commercial Operation Date Range
Energy Storage Systems	59	20	-	8,385	6/1/2027 to 12/1/2033
Geothermal	2	2	101	-	12/1/2028 to 12/31/2030
Solar	7	3	1,074	-	10/1/2027 to 12/31/2028
Solar+Energy Storage System	121	21	11,805	12,634	10/1/2027 to 5/31/2032
Western Systems Power Pool Confirm	1	1	85	-	1/1/2027
Wind	8	4	1,859	-	5/1/2028 to 5/31/2033
Total Bids*	**198**	**34**	**14,924**	**21,019**	**1/1/2027 to 12/1/2033**

*73 total unique projects

RFP Timeline

Integrated Resource Plan



11/25/2024	RFP Launched
2/14/2025	Bids Due
3/28/2025	Proposed Tax Law Changes and New Language Notice
4/9/2025	Initial Shortlisting Notifications Sent Out
4/9/2025	Best & Final Price Request + Revised Exhibit 2A (Base/Cap Pricing)
5/13/2025	Final Prices and Option Response Form Due
5/30/2025	Notice of IRP Filing Delay from November 2025 to Q1 2026
6/27/2025	Requests for Information Sent on Expediting the Commercial Operation Date to July 2027
7/4/2025	One Big Beautiful Bill Act Signed Into Law
7/7/2025	Executive Order 14315 - Safe Harbor Guidance
7/15/2025	Department of Interior Memo on Wind and Solar Issued
7/22/2025	Notification that Negotiations Started
9/27/2025	Dodge Flat BESS PPA Signed
10/28/2025	2024 IRP Amendment Filed

2024 RFP Selection Process

Shortlist of 15 projects with over 8,000 MW of generating or storage capacity available between 2027-2030 with a focus on deliverability:

- Viability of project securing tax credits
- Projects with no federal nexus
- Solar + Storage projects sited on private land, with minimal federal nexus (access road, gen-tie, etc.)
- Storage projects that have an early COD and support reliability
- Extent of contract changes and commitment to negotiation timeline
- Contract terms that balance delivery-assurance and customer protections

Future Resource Buildouts

Anticipated New Resources

- More new resources in the north than the south, as the need is more significant in northern Nevada
- Goal to reduce open capacity position to 500 MW by 2031
- Earliest feasible new combustion turbine operation: 2029 or 2030
- Anticipate preferred plan will add 25% to 30% as much thermal as renewable energy and storage
- Total new thermal may exceed 3 GW in next decade
- RPS compliance will be challenging for several years due to load growth and policy considerations impacting resource development

Economic Analysis Process

Planning Details

- Planning period: 2027 to 2050
- Refreshed view of future resource candidates
- Continue to use UCAP capacity accounting
- Implement effective load carrying capabilities specific to long-duration storage
- Restore prior treatment of demand response as load modifier
- Continue to incorporate named placeholders as appropriate to indicate future intent

Thank you for your interest.