



Arizona Public Service Update

Brian Cole, APS



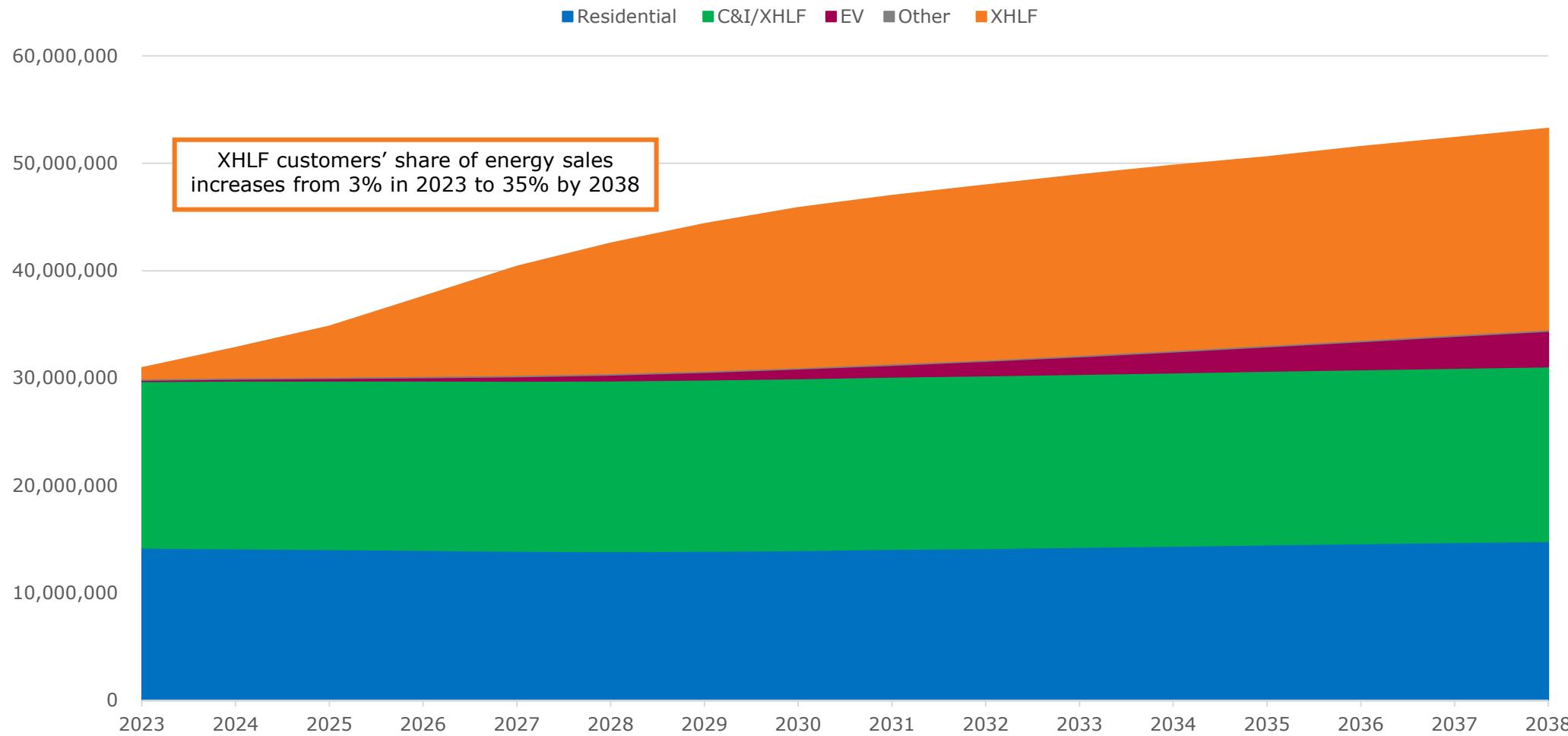
AGENDA

- Load Growth Update
- Resource Needs
- Resource Procurement Update
- Transmission Development
- Datacenter Load Growth



Sales Forecast Update

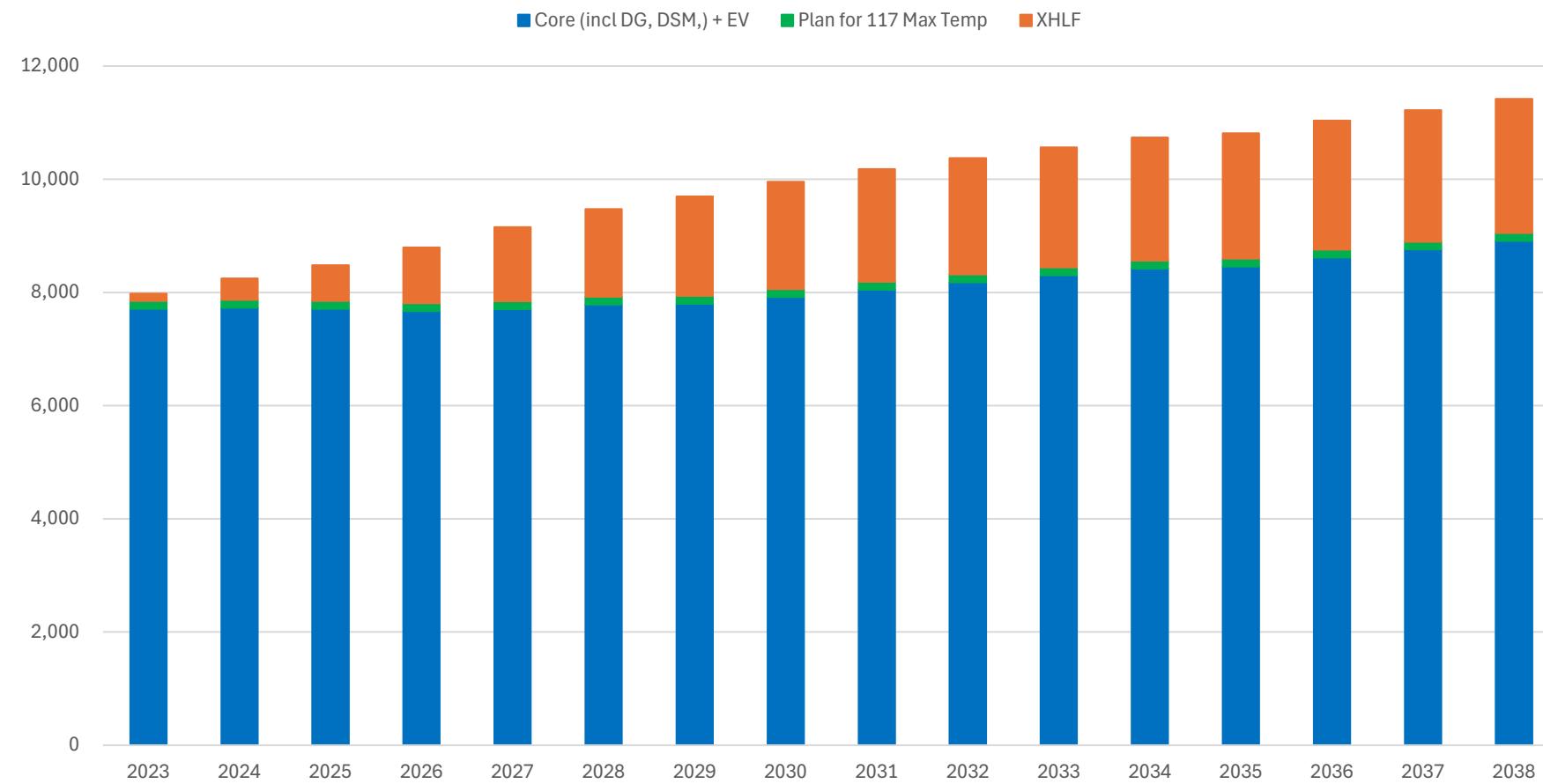
2023 IRP Sales Forecast





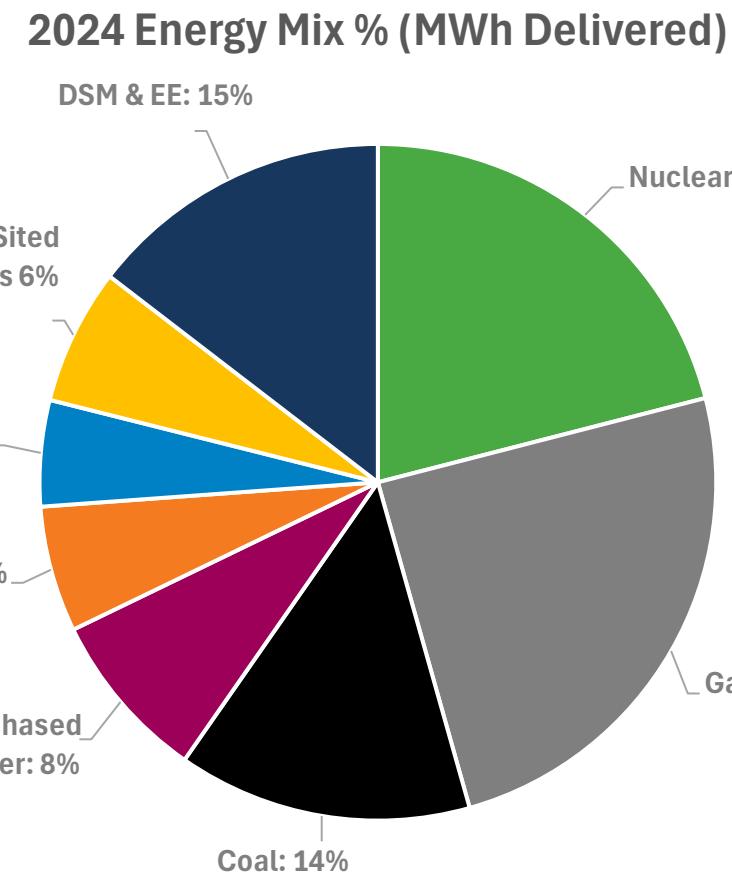
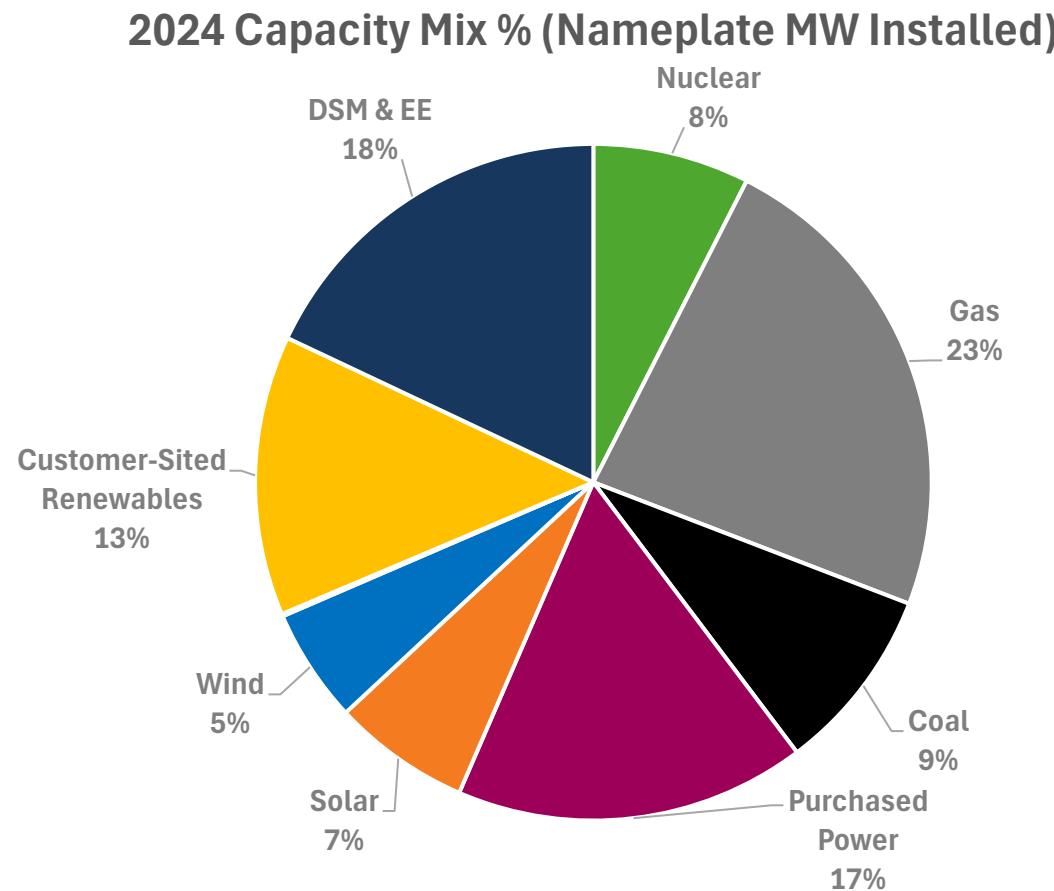
Peak Forecast Update

2023 IRP Peak Forecast (MW)



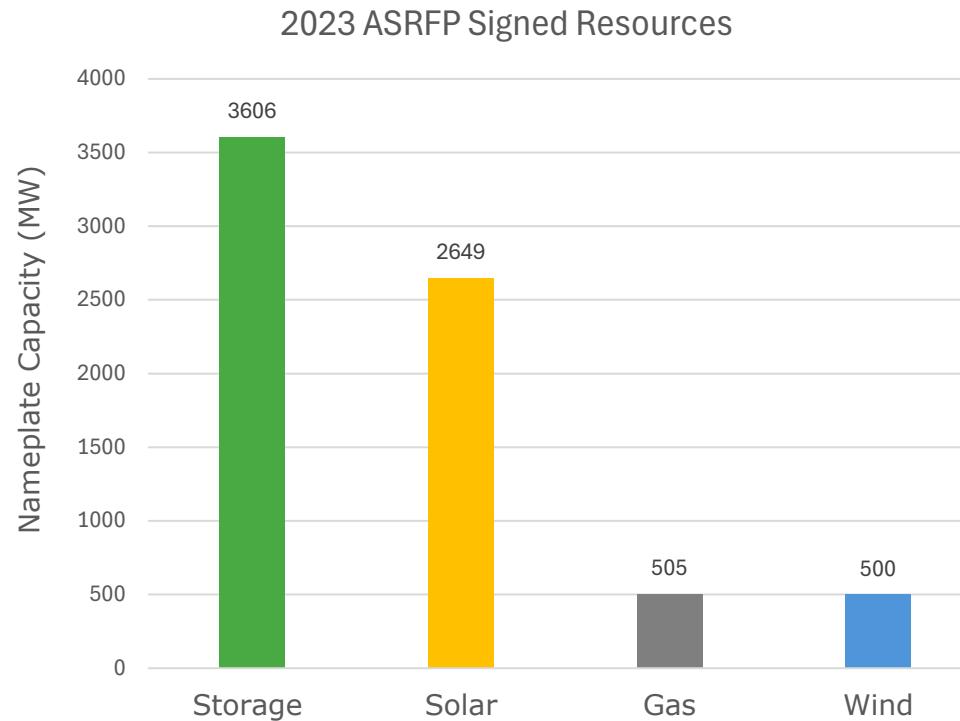


2024 Energy & Capacity Mix





2023 All Source Request for Proposal (ASRFP) Signed Resources



2023 ASRFP by the Numbers

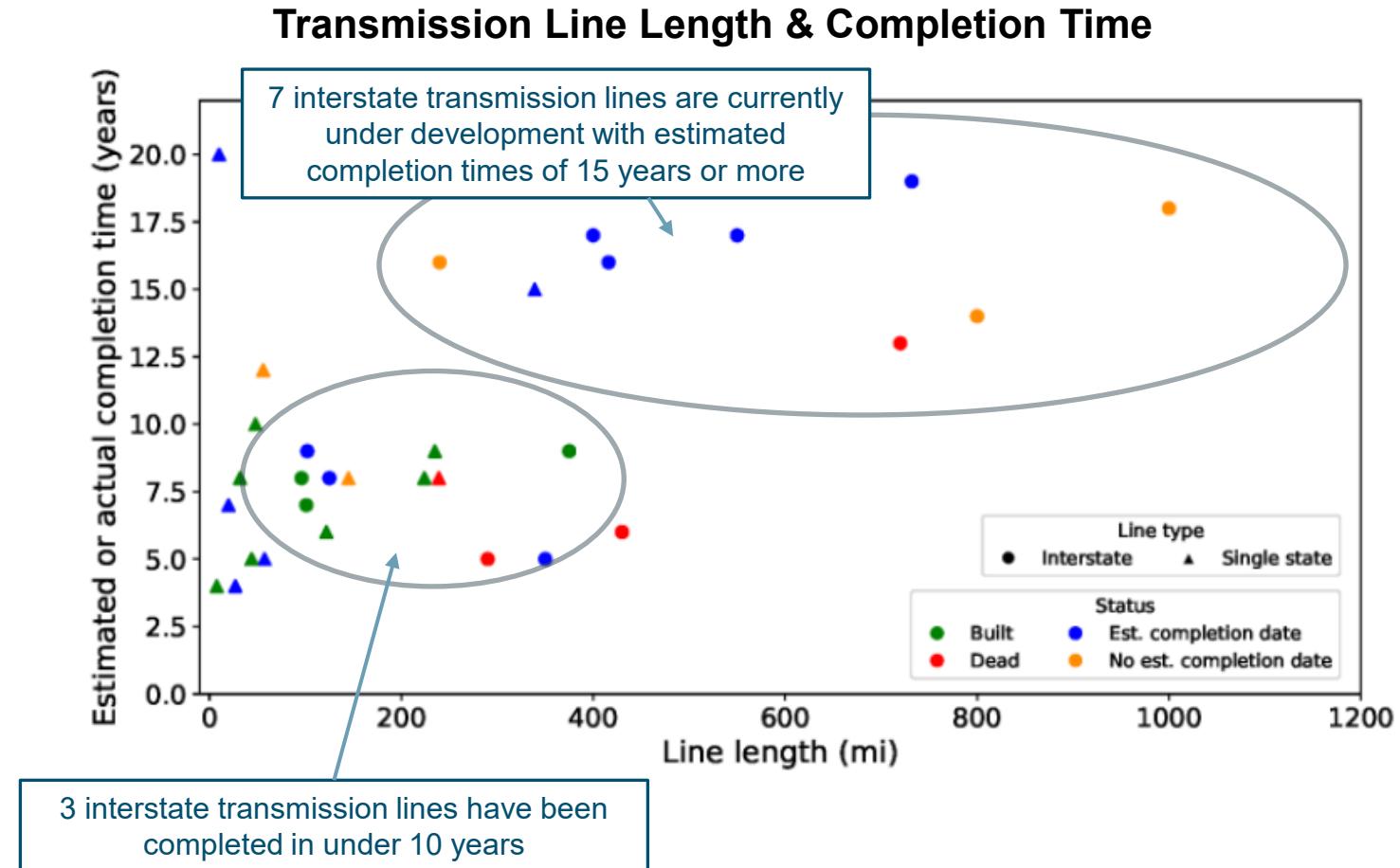
- Sought at least 1,000 MW of reliable Capacity and 700 MW of Renewables.
- Target CODs
 - June 1, 2026 – June 1, 2028
- Contracted 43% Renewable; 93% Clean
- 7,260 MW Total

2024 ASRFP Released February 5th



Interstate Transmission Development Time

- + A review of over 30 transmission projects initiated after the 2005 Energy Policy Act found that new transmission takes an average of over 10 years to complete
 - The quickest line reviewed was sited and built in only four years, while the longest project has been ongoing for over 16 years
- + Interstate transmission lines generally take longer to site than lines that remain within a single jurisdiction
 - Long distance interstate transmission lines will frequently take 15 years or more to site and construct



Source(s):

[Harvard Kennedy School Belfer Center: The Challenges of Decarbonizing the U.S. Electric Grid by 2035](#)
[Harvard Dataverse: Review of transmission lines since 2005](#)