

2024-2025 Conservation Target

Sustainability, City Light, Arts & Culture Committee

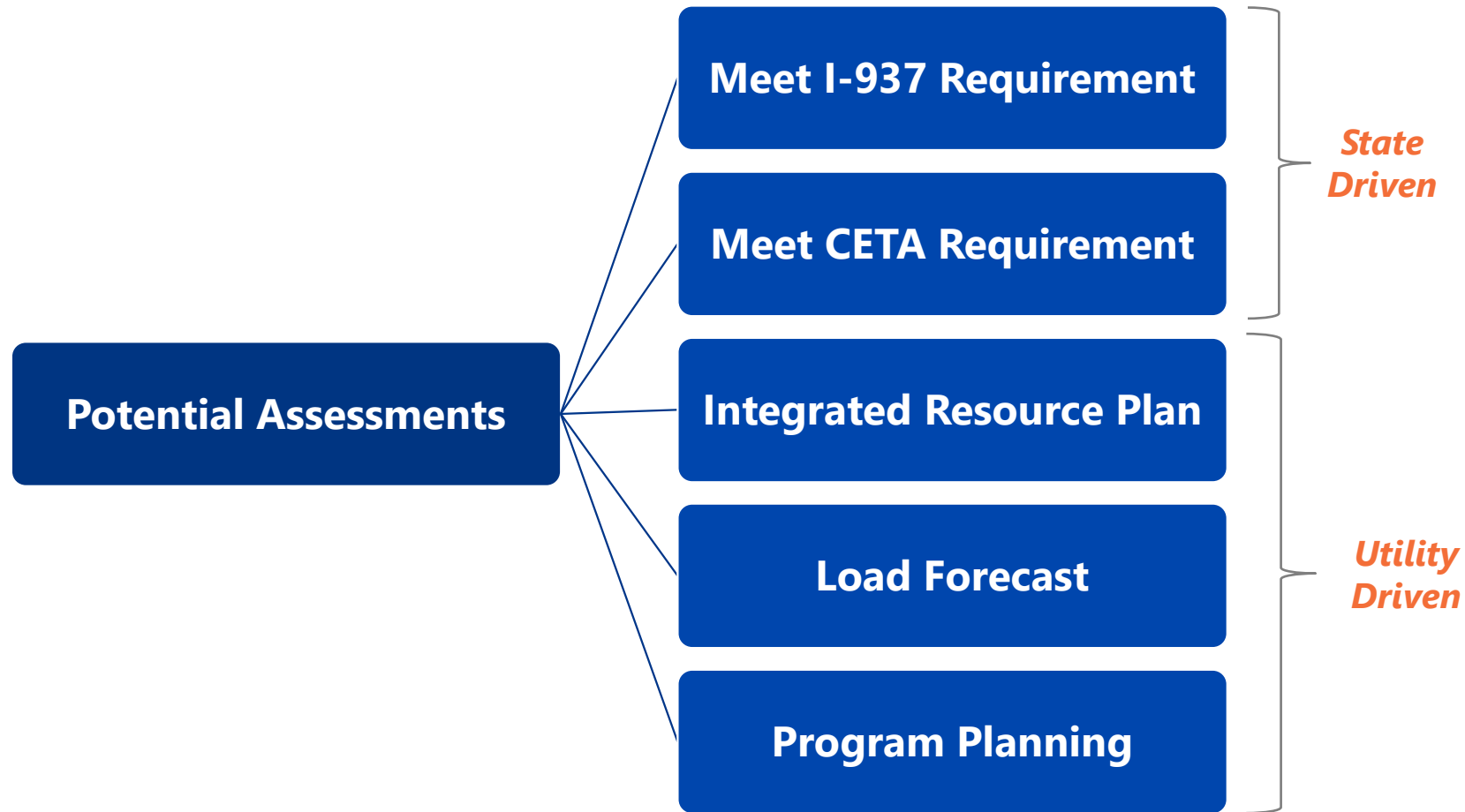
Jennifer Finnigan | May 3, 2024



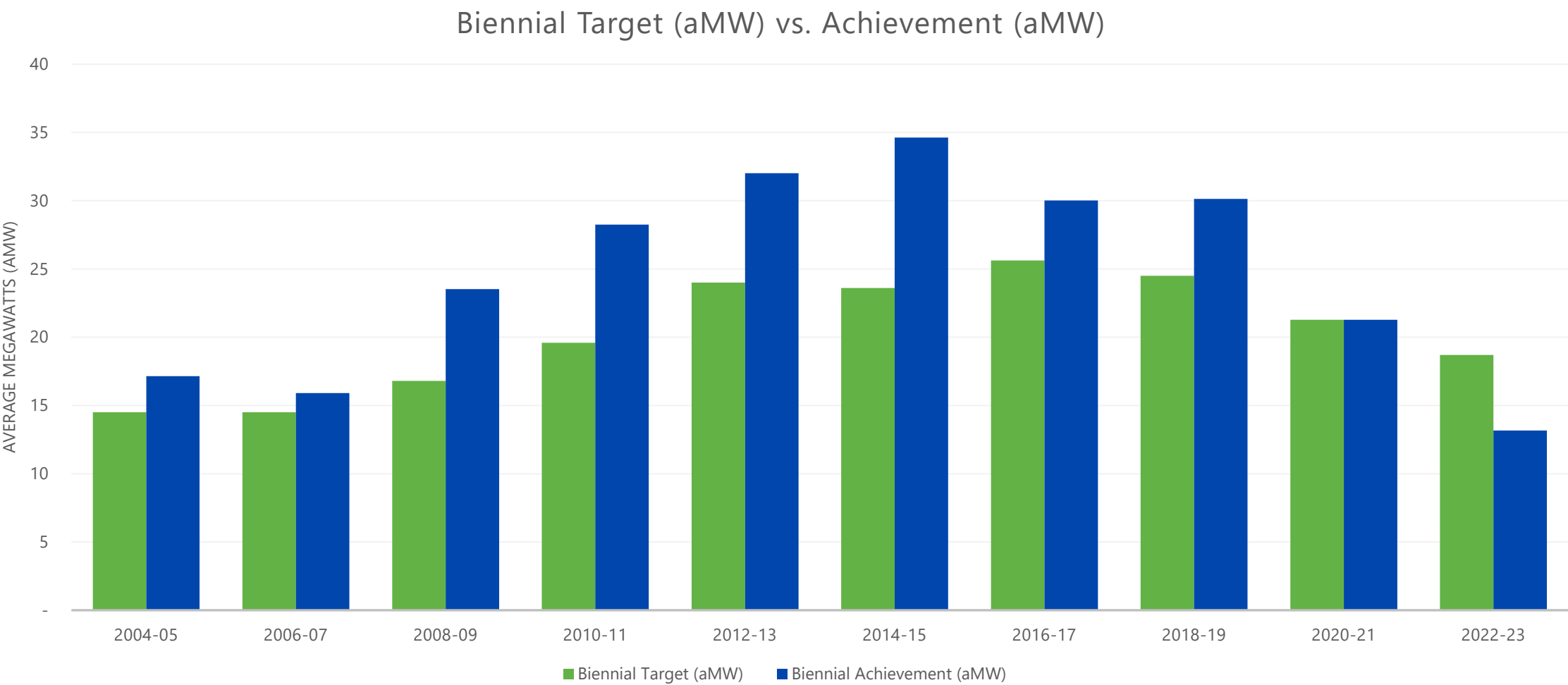
Seattle City Light

WE POWER SEATTLE

Why and how we set targets



Conservation targets and achievement over time



How the two-year target compares (by sector)

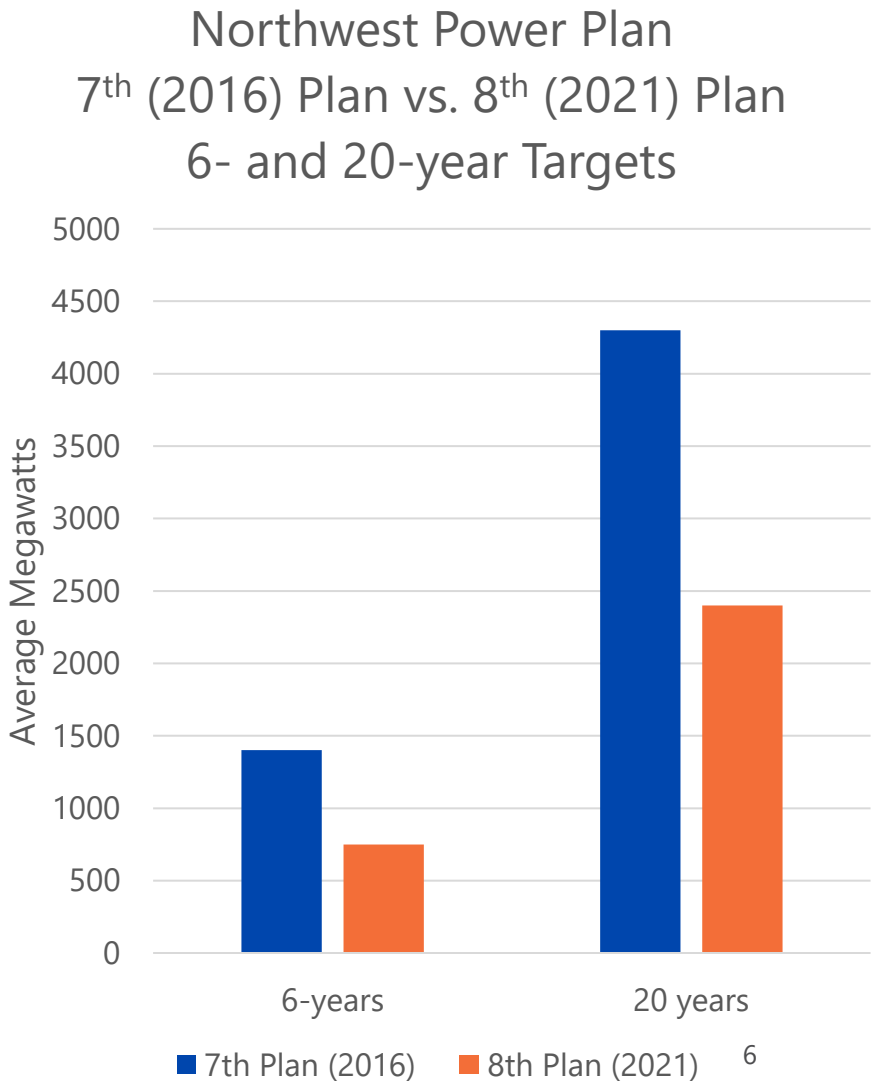
	2-Yr 2022-2023		2-Yr 2024-2025		Percent Change
	aMW	Percent of Total	aMW	Percent of Total	
Residential	2.90	15%	4.00	22%	
Commercial	13.85	74%	12.00	66%	
Industrial	1.99	11%	2.00	11%	
Total	18.74		18.00		-4%

How the ten-year target compares (by sector)

	10-Yr 2022-2031		10-Yr 2024-2033		Percent Change
	aMW	Percent of Total	aMW	Percent of Total	
Residential	11.16	14%	22.00	28%	
Commercial	57.08	74%	49.00	62%	
Industrial	8.65	12%	8.00	10%	
Total	76.89		79.00		2.7%

Neighboring utilities

A 2.7% increase in 10-year conservation potential is in line with – or higher than – our peers



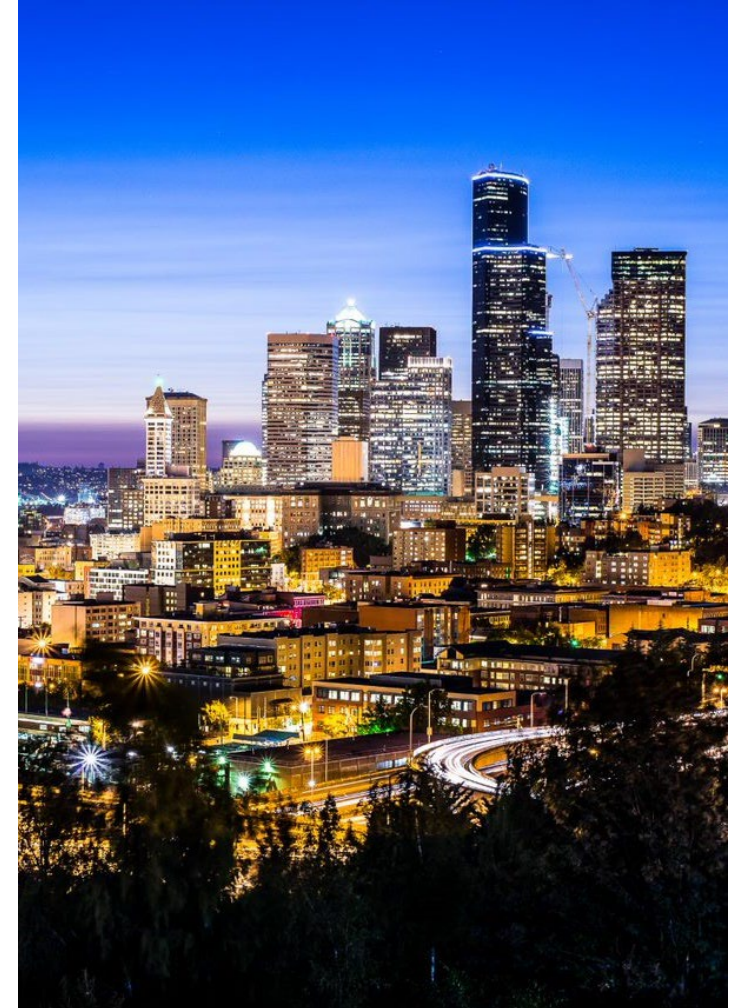
Conclusion

Our commitment to conservation remains strong

We will continue to deliver innovative programs

- **Scale up residential** offerings
- Leverage federal **Inflation Reduction Act**
- **Equity-centered design**, based on Racial Equity Analyses and customer and community voices to ensure that *all* can participate

Request approval of 2024-25 conservation target of 18 aMW and 2024-2033 conservation target of 79 aMW



THANK YOU



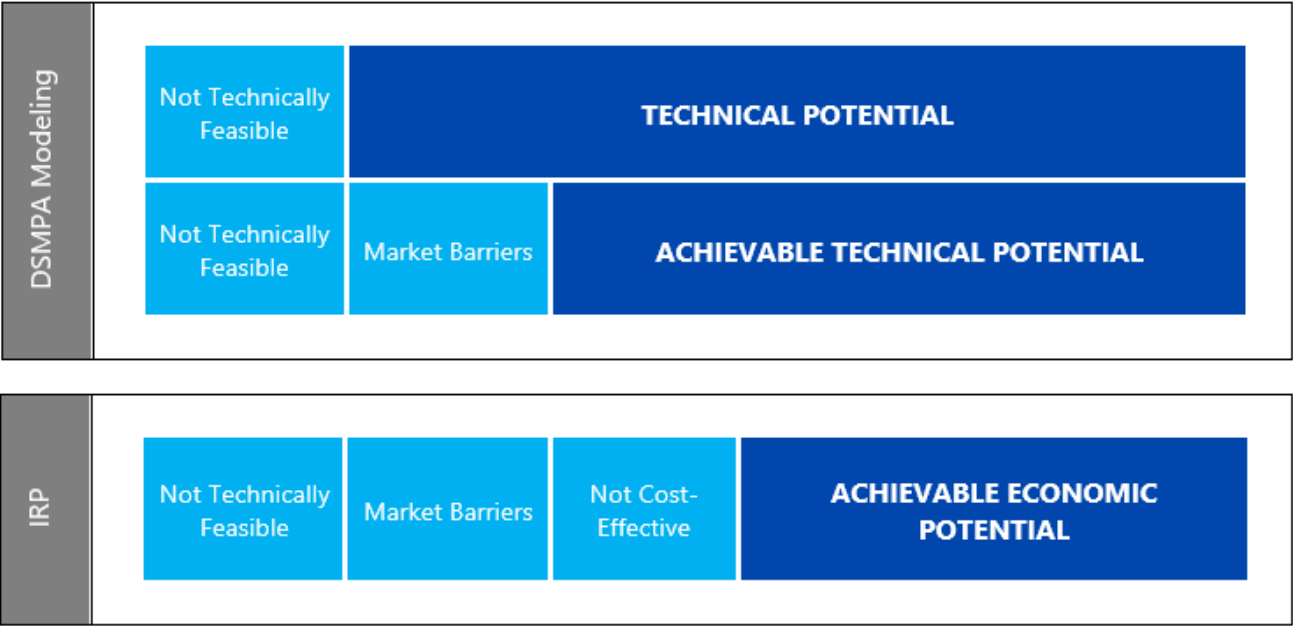
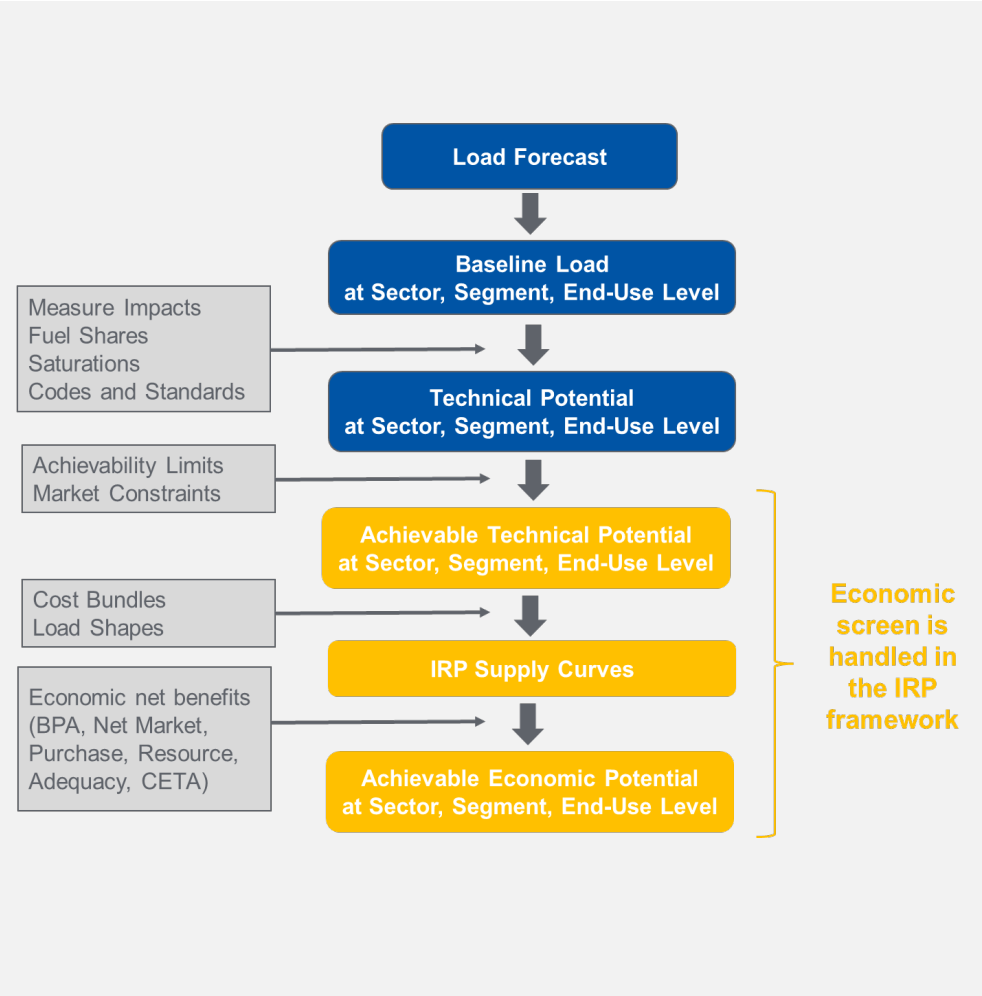
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Background

Initiative 937 – the Washington Energy Independence Act – was approved by Washington voters in 2006

- Requires utilities to “identify and pursue all available conservation that is cost effective, reliable, and feasible.”
- Accomplished by setting two-year and ten-year targets via a Conservation Potential Assessment.
- Targets must be set every two years

How we calculate potential

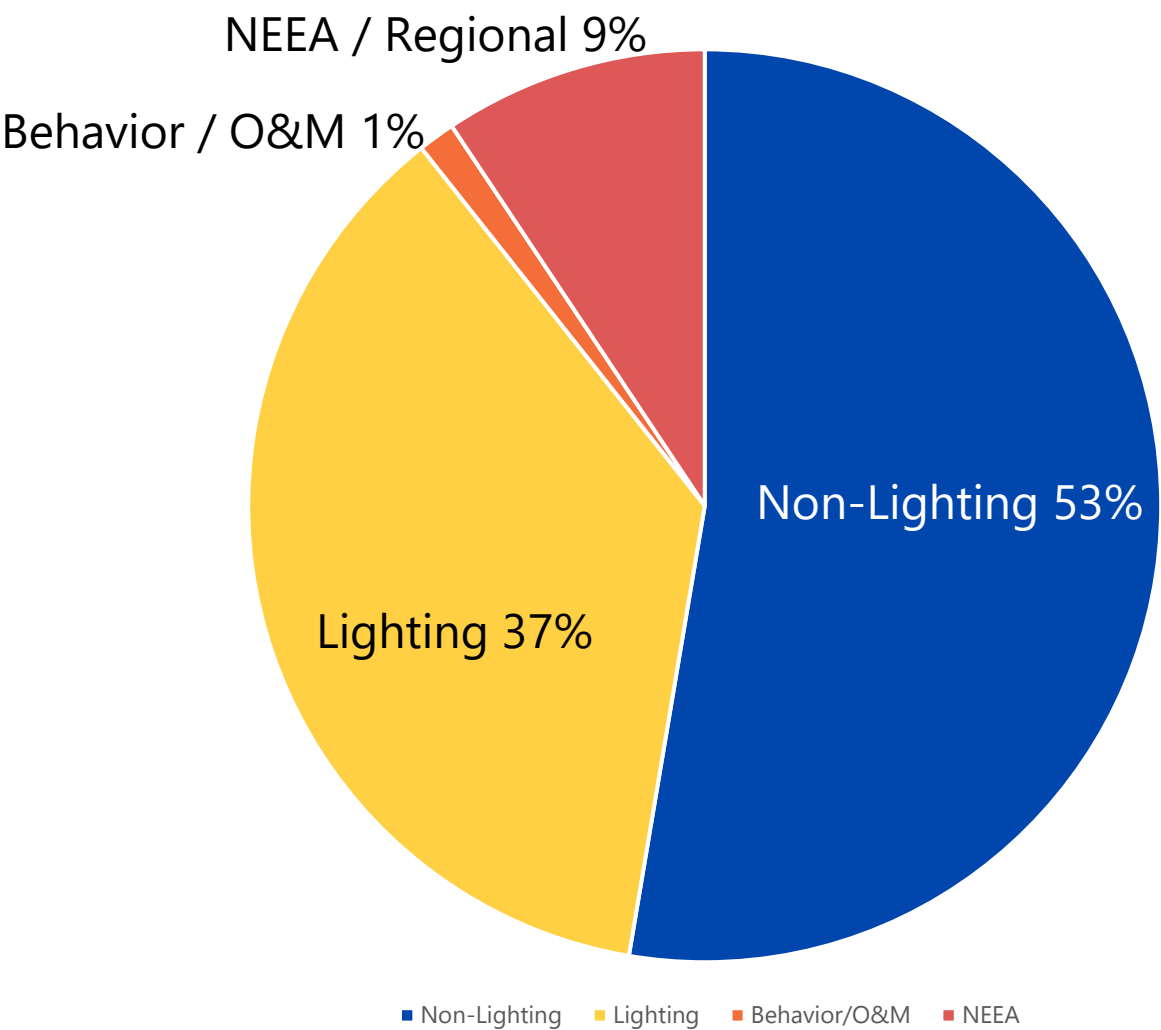


Conservation at City Light

- A **top resource choice**
 - Low cost
 - Low risk
 - Low environmental impact
- One of the longest continually operated energy conservation programs in country
- 2023 conservation budget: \$30M

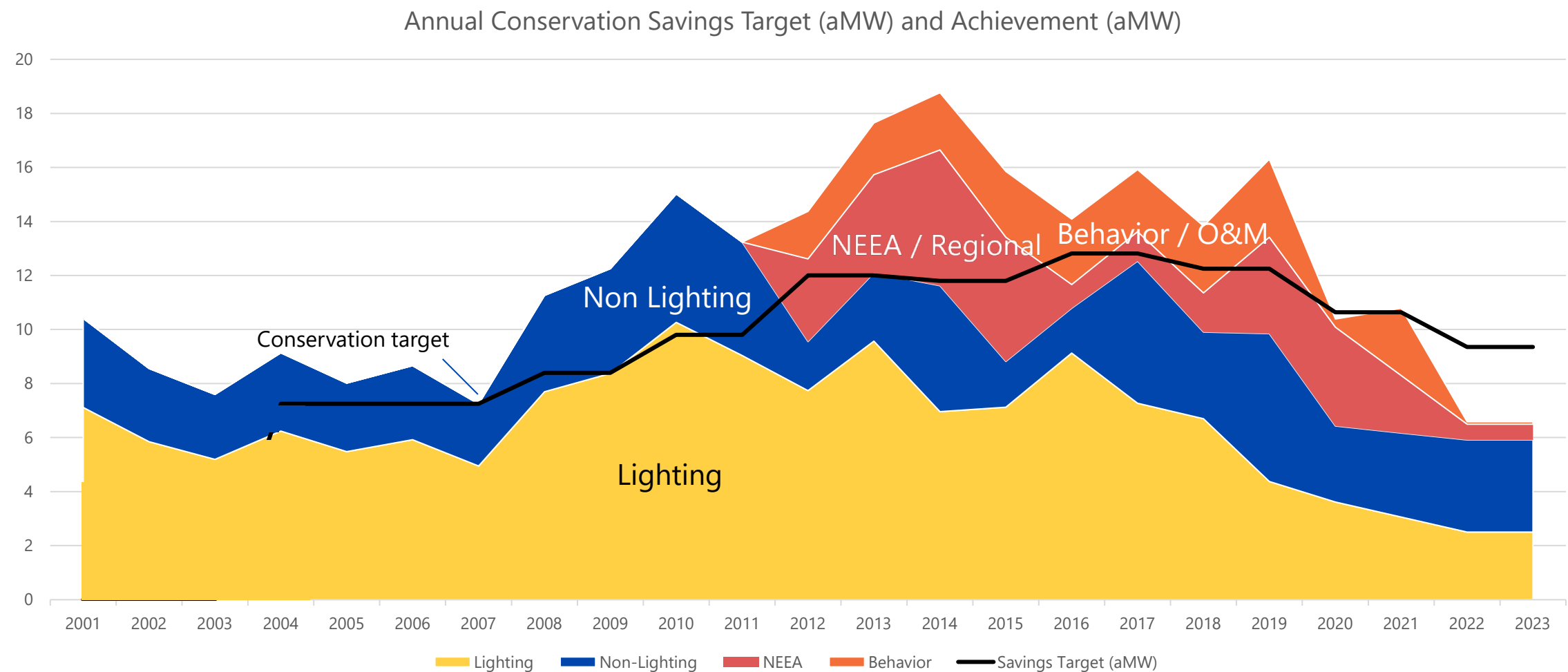


Sources of conservation savings (2022-23)



**** Preliminary**

Conservation acquisition over time



Conservation targets (by sector)

	2-Yr 2024-2025 aMW	10-Yr 2024-2033 aMW
Residential	4	22
Commercial	12	49
Industrial	2	8
Total	18	79

~22,000 homes ~95,000 homes

Most of the conservation potential is in the commercial sector.

What changed to impact targets?



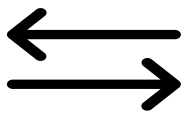
Supply chain, high vacancy, decreased investment in commercial real estate (= **commercial conservation reduction**)



Higher load forecast in winter and summer due to electrification (= **residential conservation increase**)



Residential weatherization and heating saves energy exactly when City Light hits its peak load (= **residential conservation increase**)



Public policy (**methodology, building codes, increased electrification,...**)