



# Docket No. UM 1930 Oregon Community Solar Program Workshop

## Ratepayer Impact of Expanding Carve-out Capacity

August 6, 2025

Joe Abraham, OPUC Staff



# TODAY'S AGENDA



Section	Time
Workshop goals, docket schedule	3:00 – 3:05 pm
Staff Presentation on Ratepayer Impacts	3:05 – 3:45
Questions and Answers	3:45 – 4:20
Next Steps and Closing	4:20 – 4:25 pm

# WORKSHOP GOALS

- Shared understanding of estimated ratepayer impact and methodology used
- Opportunity to discuss questions, ideas and issues
- Review of next steps and remaining docket schedule



# UPDATED UM 1930 DOCKET SCHEDULE



Event	Date
Workshop #2 (ratepayer impact)	August 6, 2025
Stakeholder Comments due	August 22
Staff Public Meeting memo published	September 23
Public meeting for Commission deliberation	September 30, 2025

# ESTIMATING RATEPAYER IMPACT

1

## Subscribed energy costs

[Operational capacity (MW)] X [production capacity (MWh/MW-AC)]  
X [bill credits (\$) minus utility avoided cost rate (\$/MWh)]

+

2

## Program administration costs

[PA costs] minus [PA fees paid by participants]

+

3

## Utility administration costs

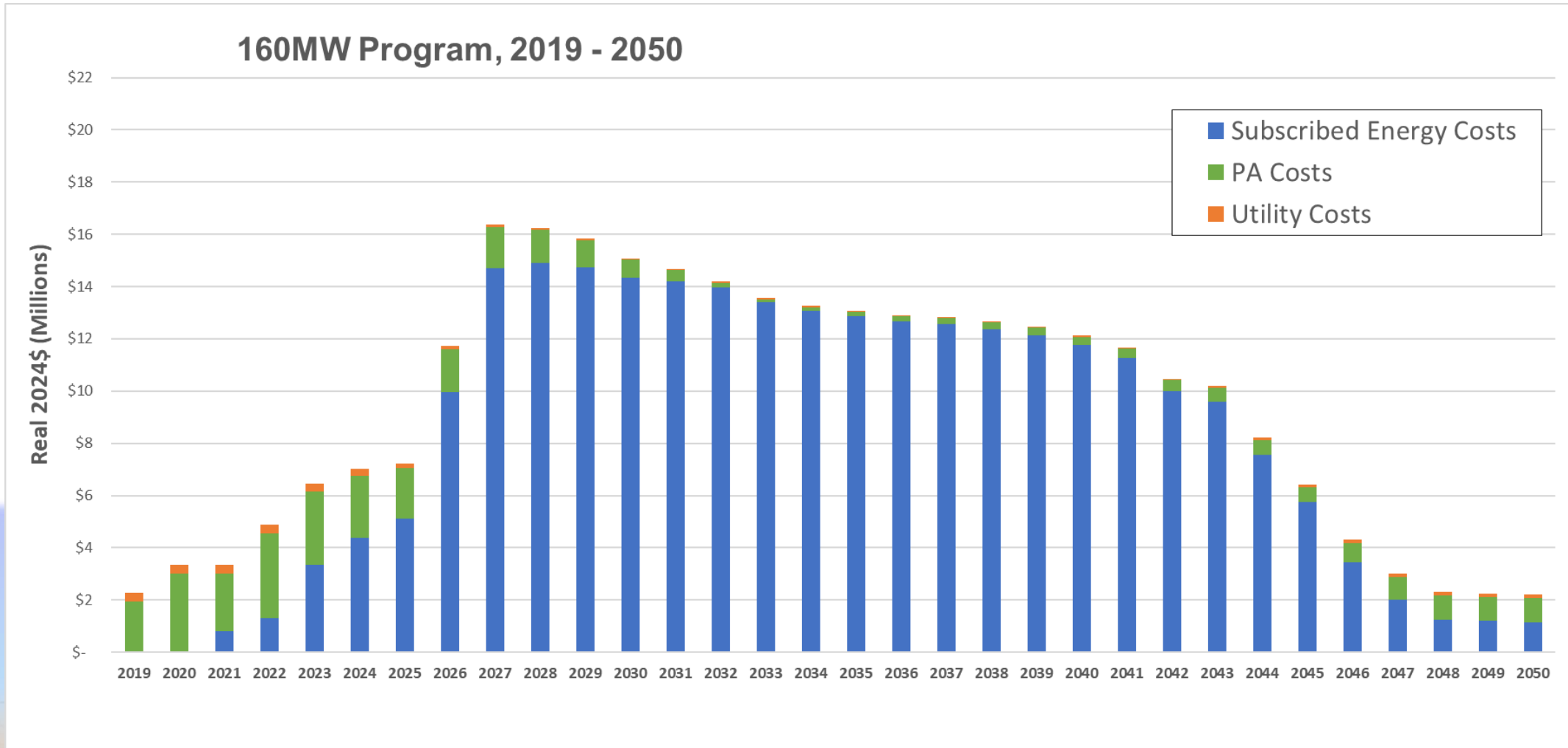
Utility expenses to implement CSP

# CSP RATEPAYER IMPACT (2019 – 2050)

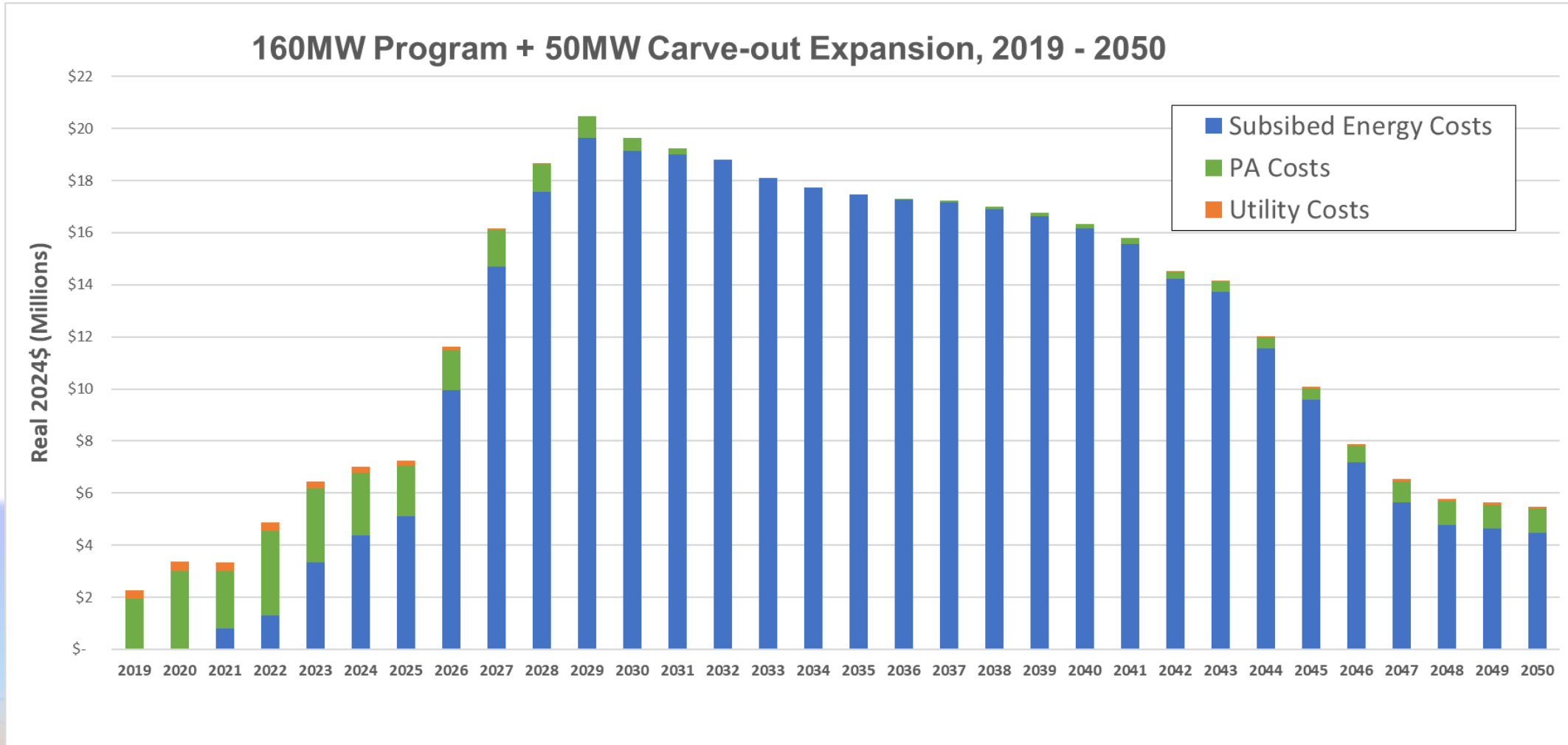
- Total program cost of 160MW: \$303M (real 2024\$)
- Additional cost for 50MW Carve-out expansion: \$93M
- Estimated costs incorporate updated inputs:
  - 2025 avoided cost rates for PURPA solar QFs
  - MWh/MW-AC production rates based on operational CSP projects



# ANNUAL RATEPAYER IMPACT



# ANNUAL RATEPAYER IMPACT



# ESTIMATED RESIDENTIAL BILL IMPACT



## Estimated average impact on monthly residential bill (real \$2024, 2021-2050)

Utility	160MW (current)	+50MW (proposal)	160MW + 50MW
PGE	\$0.27 (max: \$0.45)	\$0.07 (max: \$0.09)	\$0.33 (max: \$0.54)
PAC	\$0.23 (max: \$0.38)	\$0.13 (max: \$0.17)	\$0.33 (max: \$0.55)



# KEY INPUTS FOR RATEPAYER IMPACT

## **Project inputs**

- Costs for development and operations
- Timeline to construct/energize (2yr) and operate (20yrs)
- Capacity (MW-AC) and production rates (MWh/MW-AC)
- Subscriptions (% subscribed, % low-income and residential, fees)

## **Program, utility, economic inputs**

- Bill credit rates (\$/kWh) and program administration fees
- PURPA QF avoided cost rates and utility admin costs
- U.S. inflation rate (2.8%)

# OVERVIEW OF CSP FINANCIAL MODEL



- Developed and used in initial Program design, Commission approval of capacity tiers
- Supports balancing Program requirements and goals, including:
  - Sufficient revenue for project developers
  - incentives for participants and low-income bill savings
  - Minimizing cost-shifting to non-participating ratepayers



# WALK THROUGH OF FINANCIAL MODEL



(presenter screen share, approx. 15 min)



# COMPARING CSP AS RESOURCE

Levelized Cost (\$/KWh)			
Utility	CSP Tier 2 Capacity	Current PURPA QF Avoided Costs	Energy Trust 2025 Savings
PGE	\$0.133	\$0.062	\$0.031
PAC	\$0.116	\$0.057	\$0.042



# RECOVERY OF COSTS

- OAR 860-088-0160 authorizes utilities to recover costs from ratepayers
  - PGE – schedule 136
  - PAC – schedule 207
  - IPC – schedule 56



# Comments and Questions?



# DOCKET NEXT STEPS

- August 22, 2025: Written comments due
- September 23: Staff Memo with final proposal in UM 1930
- September 30: Commission decision on Staff recommendation at public meeting



Thank You

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