



**Oregon Citizens'  
Utility Board**

# **Energy Affordability & Good Grid Neighbor Capacity**

Presentation for Oregon Data Center Advisory Committee – June 26, 2026

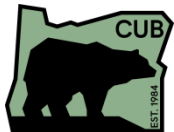
**Bob Jenks, Executive Director**

# About Oregon Citizens' Utility Board (CUB)

CUB is an independent membership-based, nonprofit organization that advocates for residential utility consumers. For over 42 years, we have worked to keep Oregon's regulated energy utilities affordable, accessible, reliable, and clean.

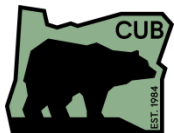


To date, we have saved Oregon families nearly \$11 billion dollars.



# Electric Utilities – Power Act Implementation

- **Create a Data Center Rate Class**
- **Primarily focused on fixed costs** (capital investments)
- **Assign cost of serving data centers to data center rate class:**
  - Direct assignment where possible
  - Allocate other growth-related costs to other growing customer classes
- **90% Minimum demand charges**
  - Pay for the energy they reserve even if they don't use it all
- **Contracts 10 to 30 years long**, depending on data center size
- **Load must be served with clean energy**
  - Cannot be served until there's a plan to meet Clean Energy Act (2021) (HB 2021) requirements



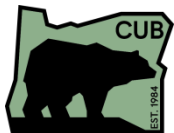
# Electric Utilities – Power Markets

## Supply and Demand

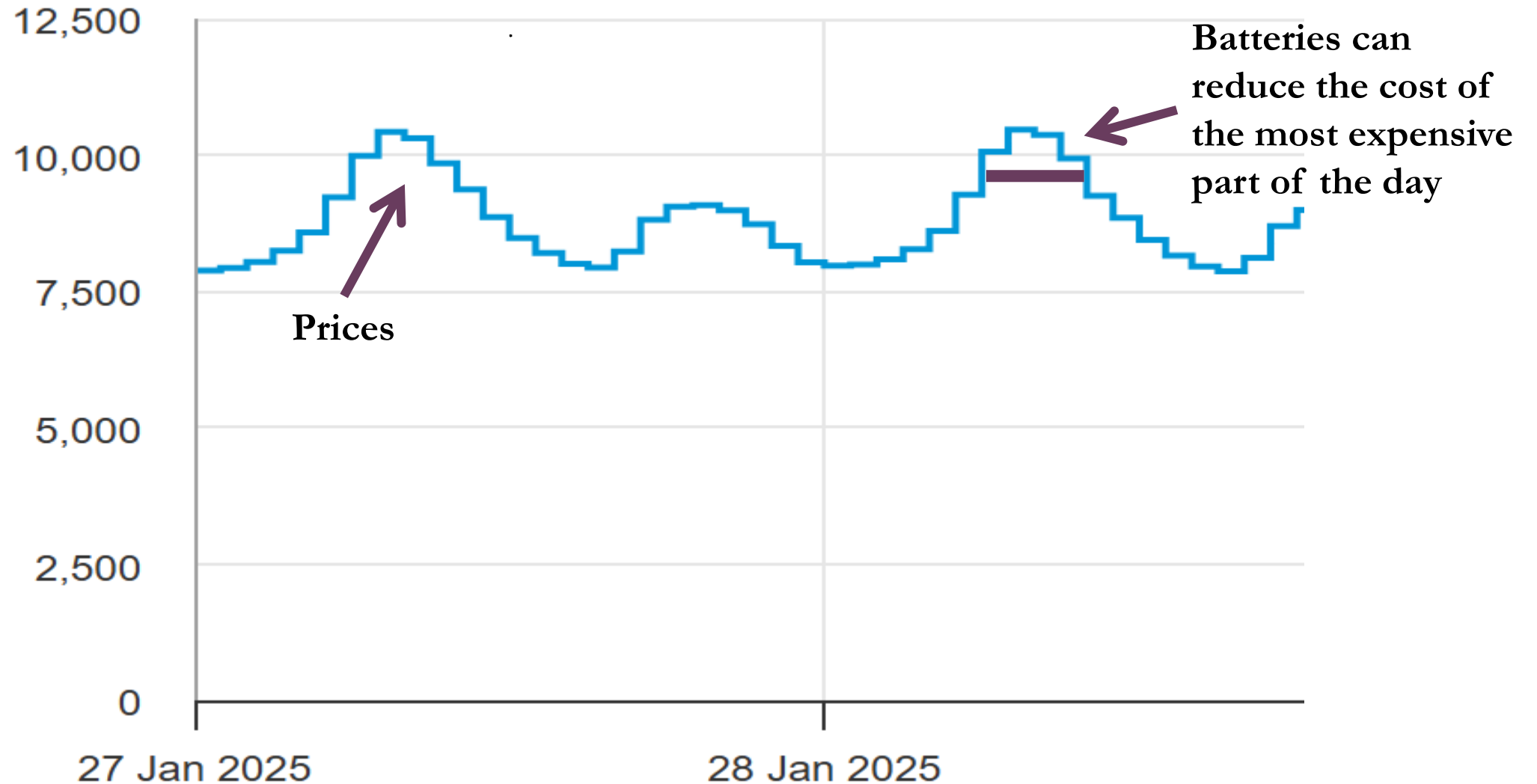
- Increased energy demand from data centers on the grid raises market prices

To keep supply and load in balance, utilities make thousands of transactions each year

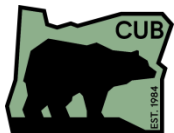
- Bilateral Wholesale Market
- Day Ahead Market
- Energy Imbalance Market



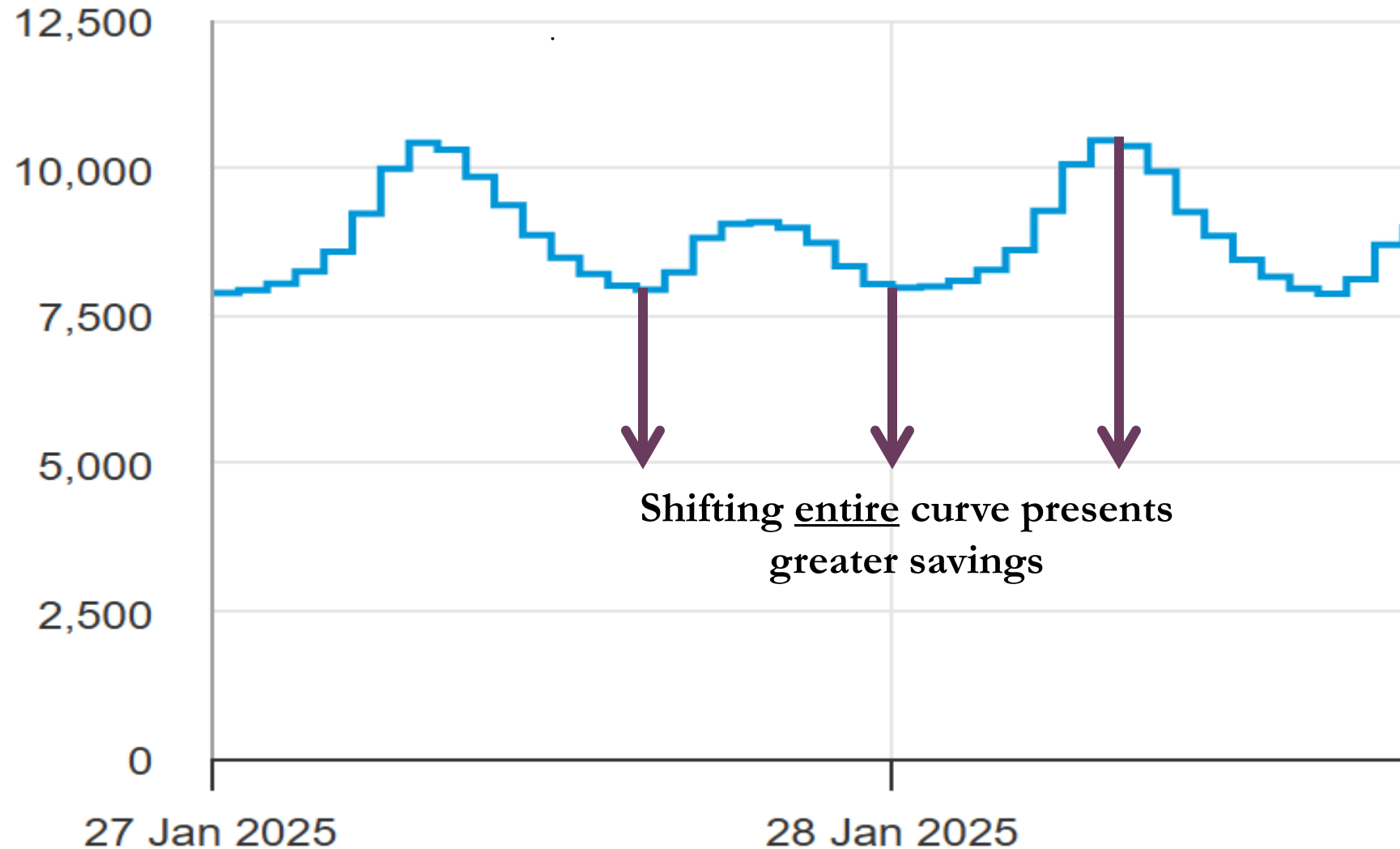
# Batteries Reduce Peak Hours Cost



Source: BPA demand from Energy Information Agency



# Reducing Energy Demand in All Hours

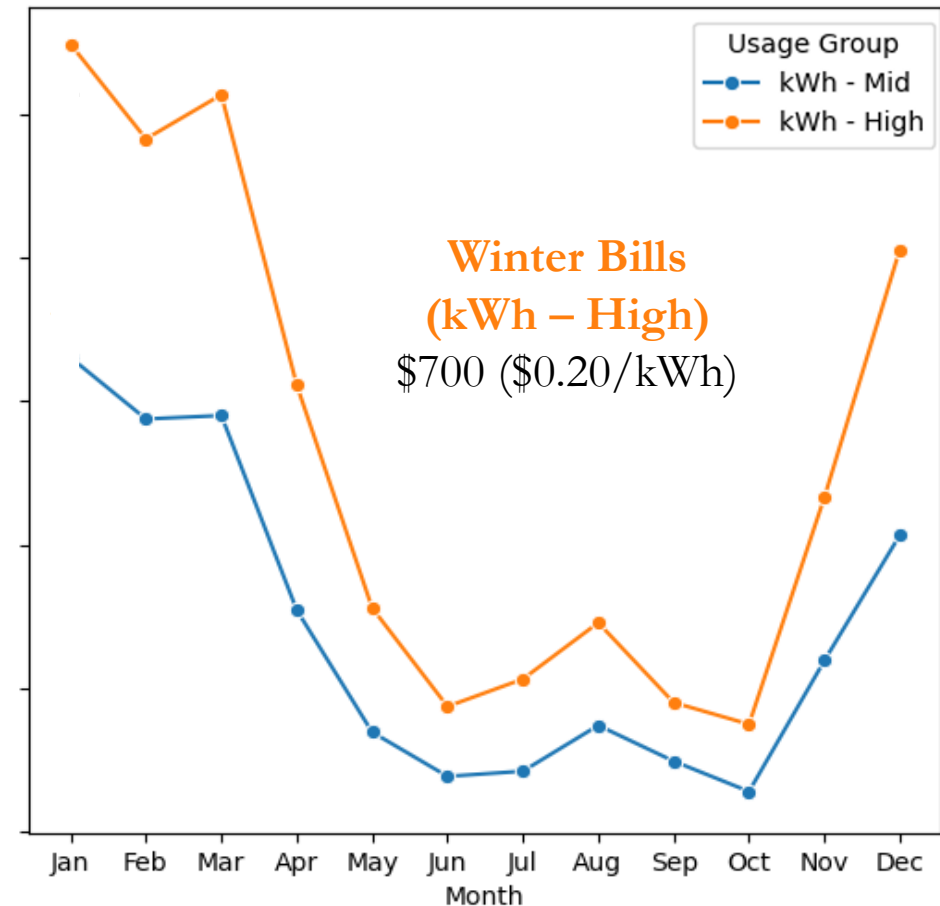
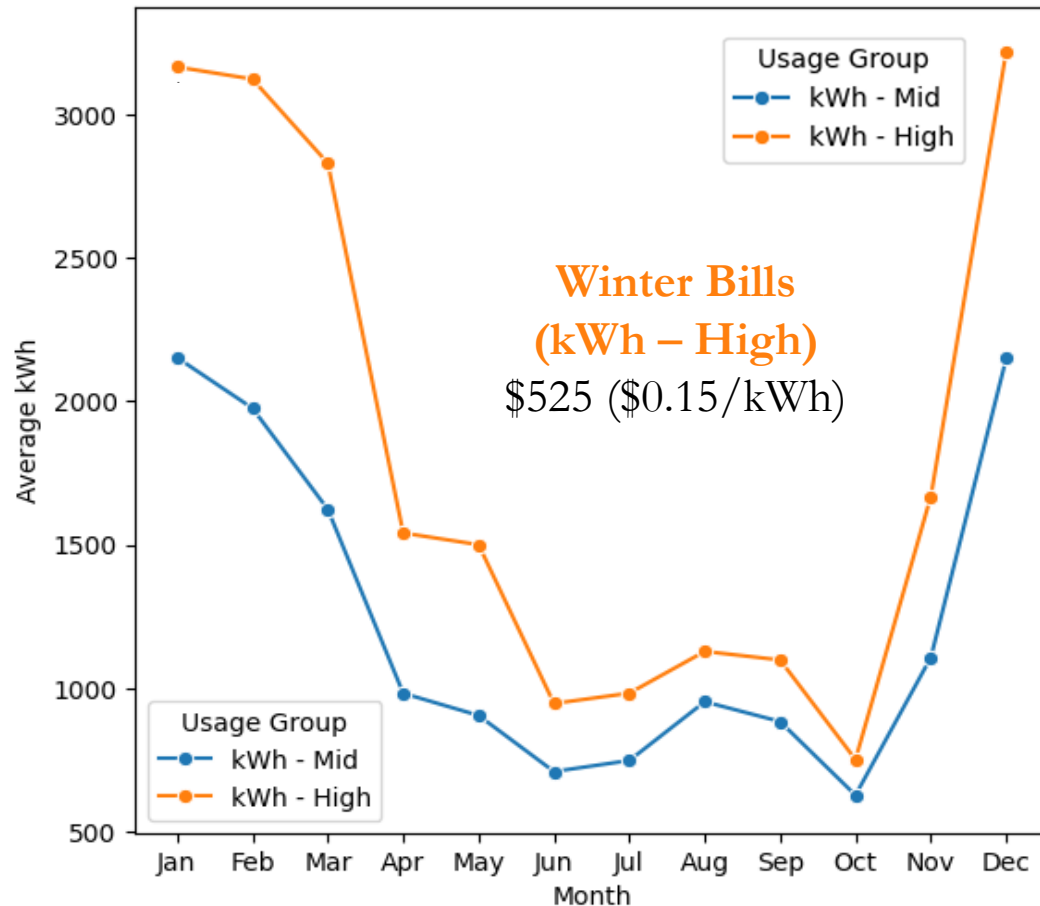


Source: BPA demand from Energy Information Agency

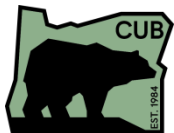
# Finding Energy Demand to Offset Capacity

Monthly Amount of Electricity Used in 1 Randomly Selected Manufactured/Mobile Home Community

All 34 households were separated into groups based on annual kWh  
 2022 2023



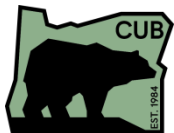
Source: Idaho Power Oregon Customer Data via OPUC Docket No. UE 426 (2024)



# Pacific Power's Low-Income Customers with High Energy Use

Month	Avg Residential Usage (kWh)	Avg Low Income High Usage (kWh)	Avg Residential Bill	Avg Low Income High Usage Bill (after discount)
January 2025	1,185	5,700	\$266	\$634
February 2025	1,089	5,872	\$212	\$662
August 2025	864	4,087	\$146	\$470

Source: Pacific Power Data from OPUC Docket RO 16, Energy Burden Metric Reports & Annual Supplement



# Good Grid Neighbor Capacity Increases Resiliency

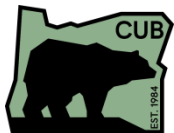
## Investments

- Critical Home Repairs
- Weatherization
- Heat Pumps
- Other Appliance Upgrades
- Manufactured Housing Replacement Program

## Benefits

- Help for High Usage/Low Income Customers
- Reduce Utility Debt and Shut-offs
- Add Capacity to Shared Grid
- Increase Resilience

Energy Trust of Oregon (ETO) and Bonneville Power Authority (BPA) support is available



**Our homes can be the first line of defense against energy insecurity, an increasingly strained energy grid, and more extreme weather.**



# Contact Us

## Contact

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**Home Cooling, Heat Resilience,  
and Energy Security**

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