



*Serving our customers*

# Energy Risk Management / Power Supply Update

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Nikki Bufford  
Energy Risk Manager

Saul Villarreal  
Resource Operations Lead

**TACOMA POWER**  
TACOMA PUBLIC UTILITIES

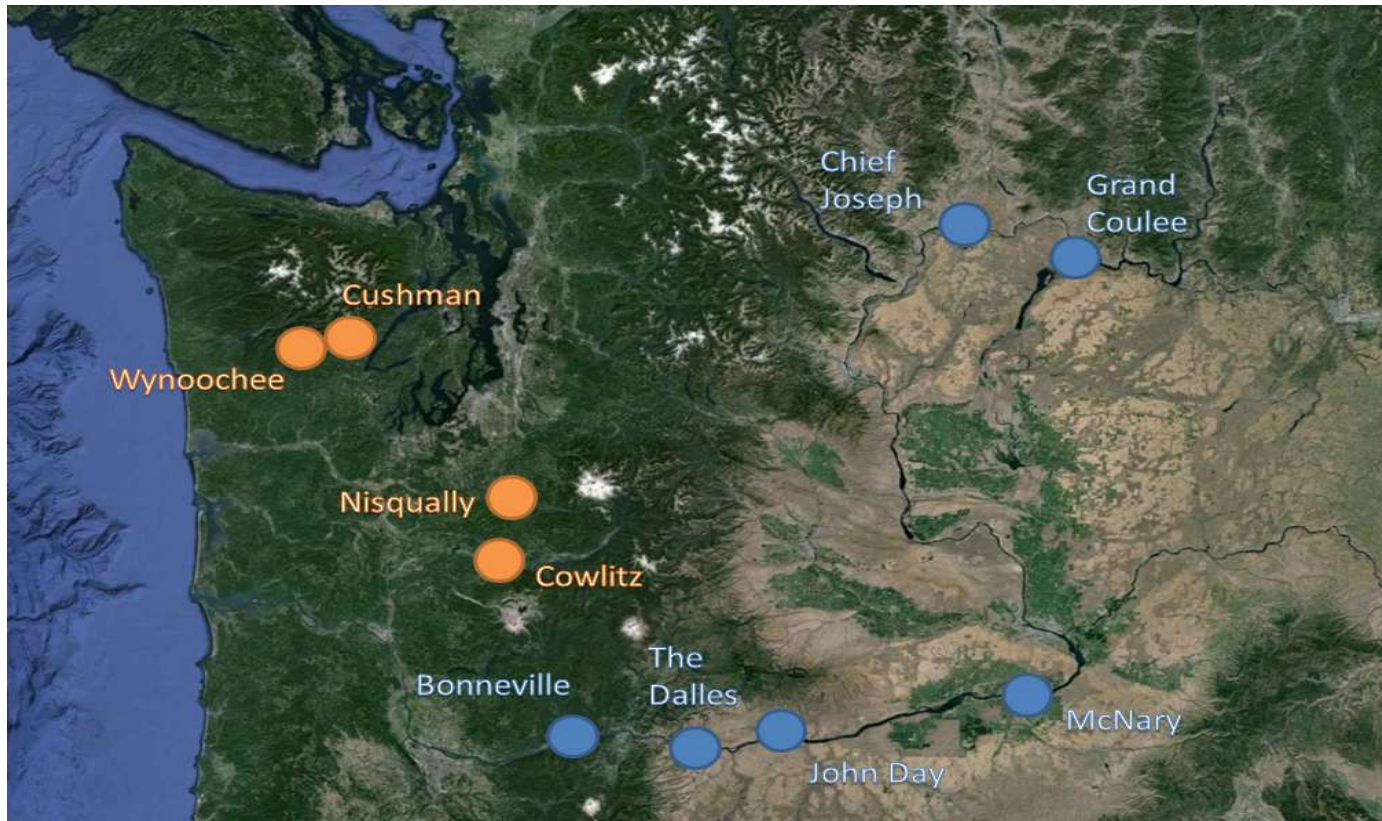
# Power Supply

Section 1

# Power Supply Update – Overview

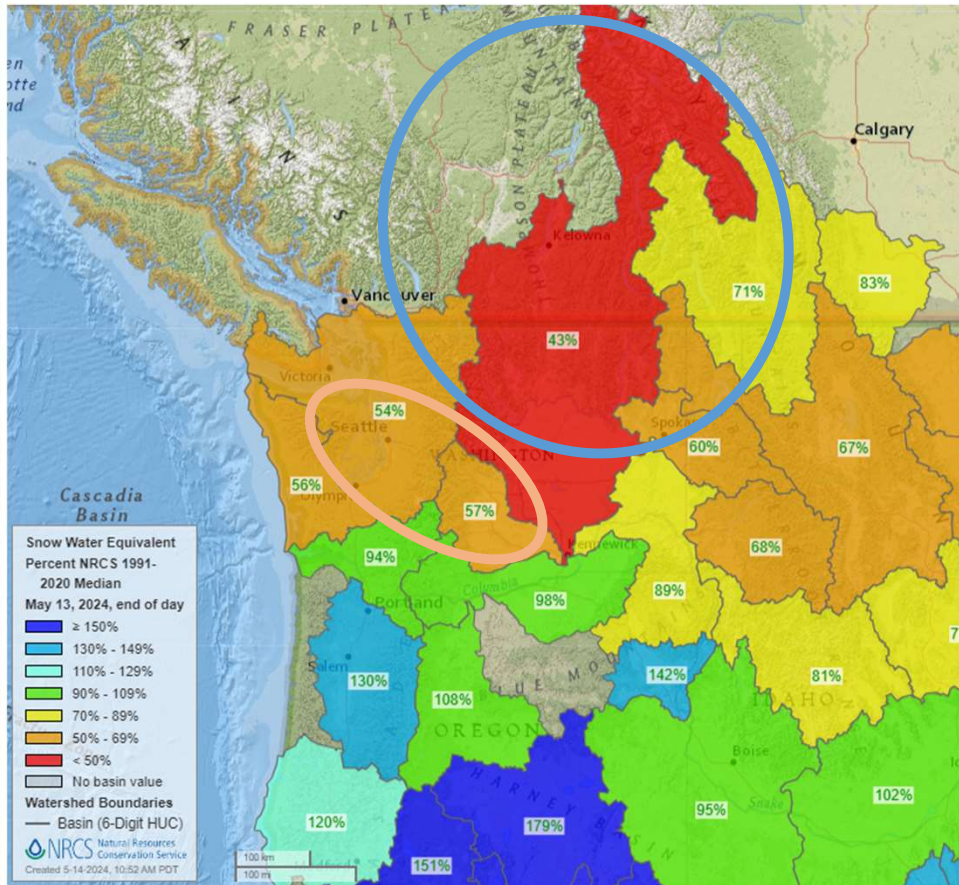
## Graph 1: Tacoma Power Hydroelectric Resource Overview

(Map of Tacoma Power’s Hydroelectric Projects and the Federal System)



# Power Supply Update

Graph 2: Regional Snowpack is Below Average



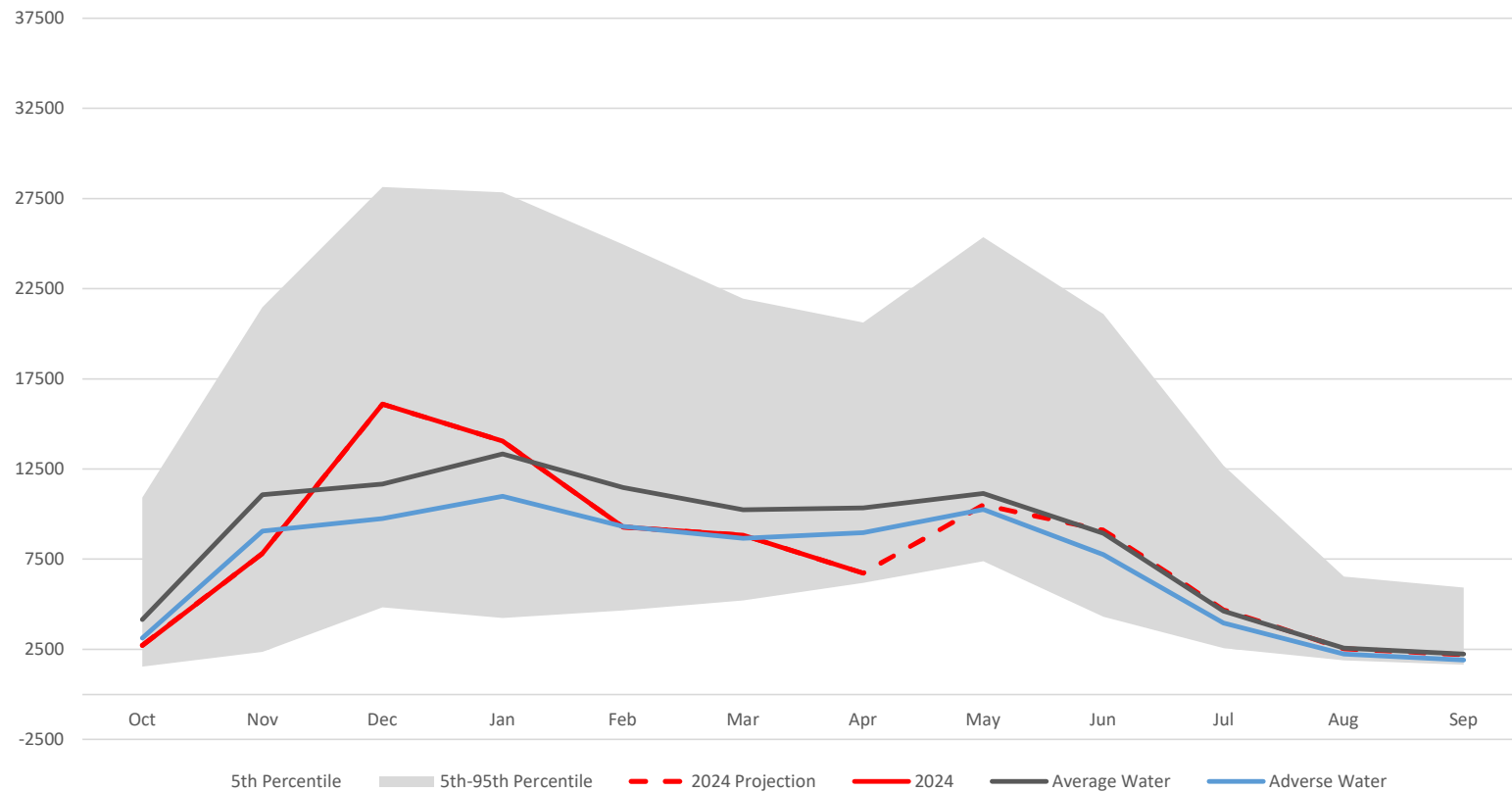
Bulk of Federal System Inflows driven by Upper Columbia Snowpack (significantly below normal)

Tacoma owned resources are at or below average

# Power Supply Update

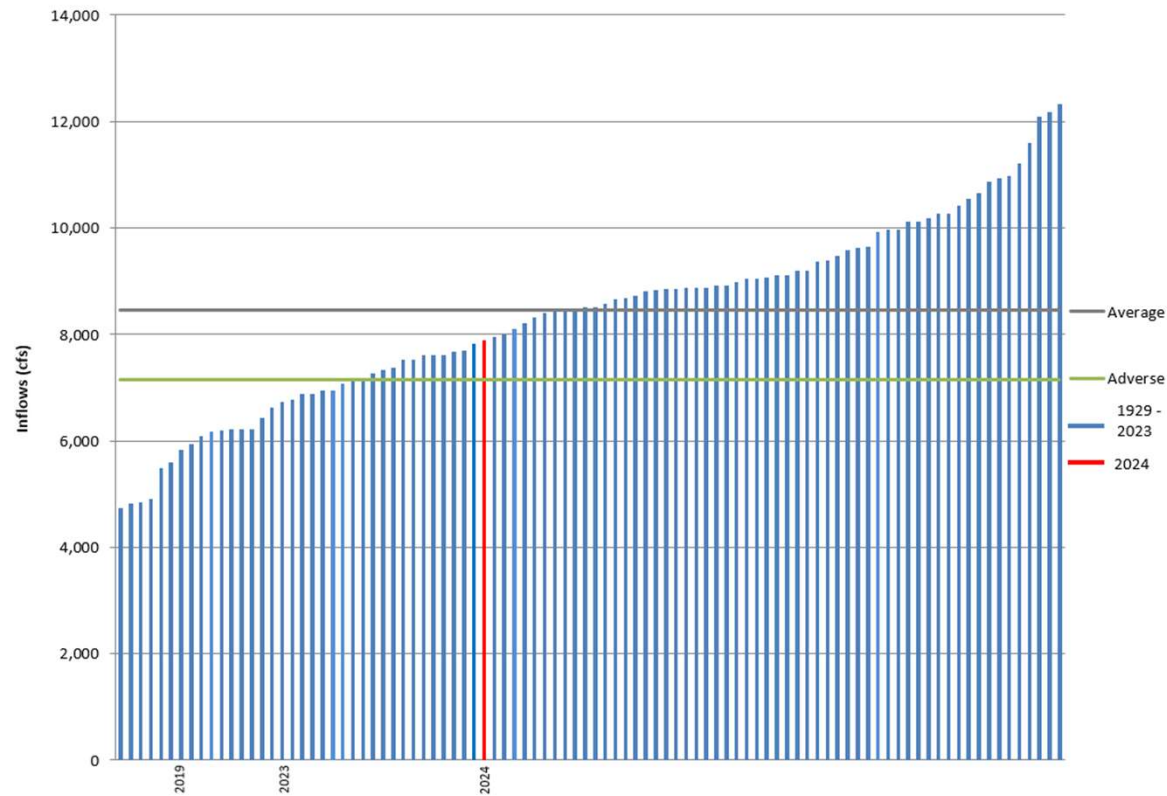
### Graph 3: Tacoma System Inflows – YTD WY 2024, Late May/June Runoff Expected, Below Average Spring Inflows

(Tacoma System Hydro Inflows, Years 1929 – 2024)



# Power Supply Update

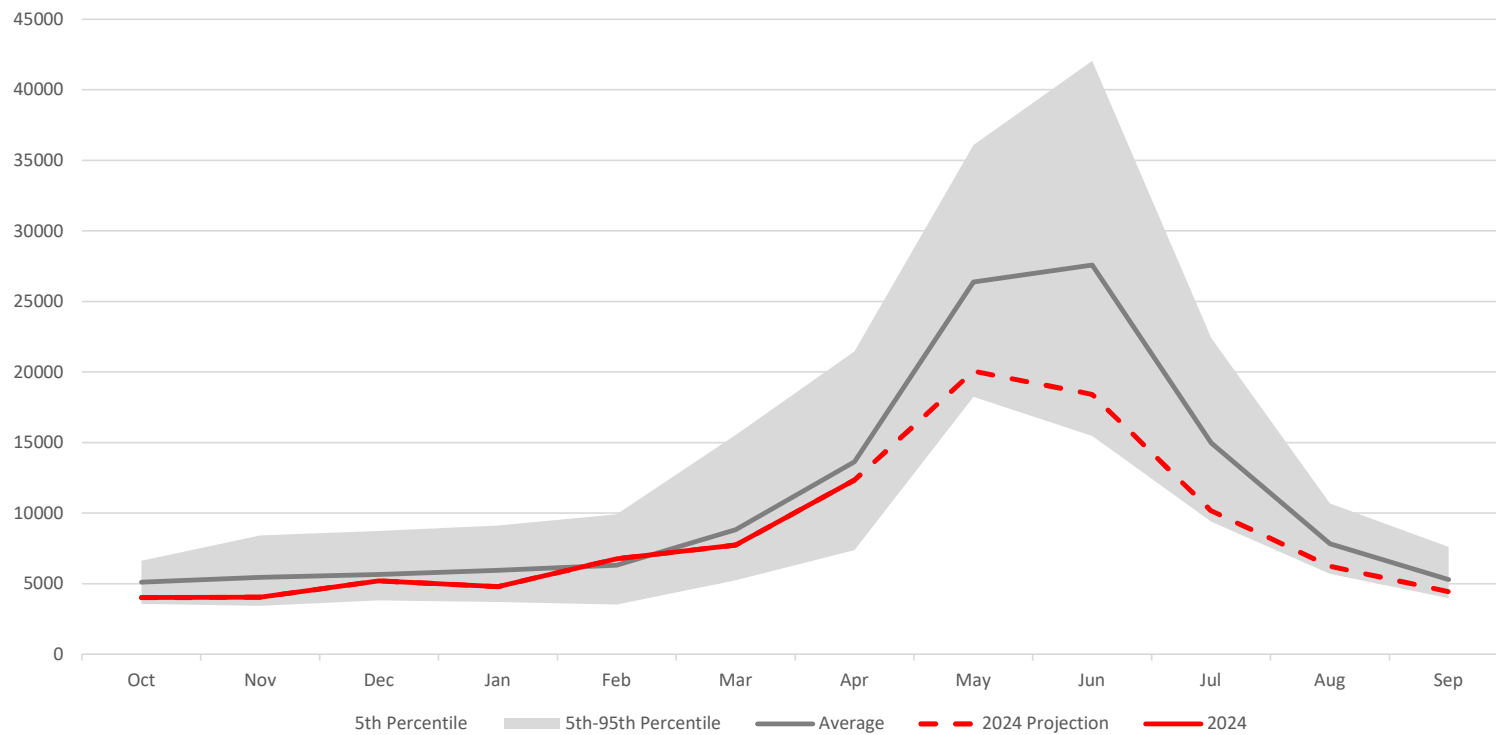
Graph 4: WY 2024 Tacoma System Inflows – Close to Adverse  
(Tacoma System Inflows Annual Avg., Years 1929 – 2024)



# Power Supply Update

## Graph 5: Federal System Inflows – Dry Spring, Drier Summer Expected

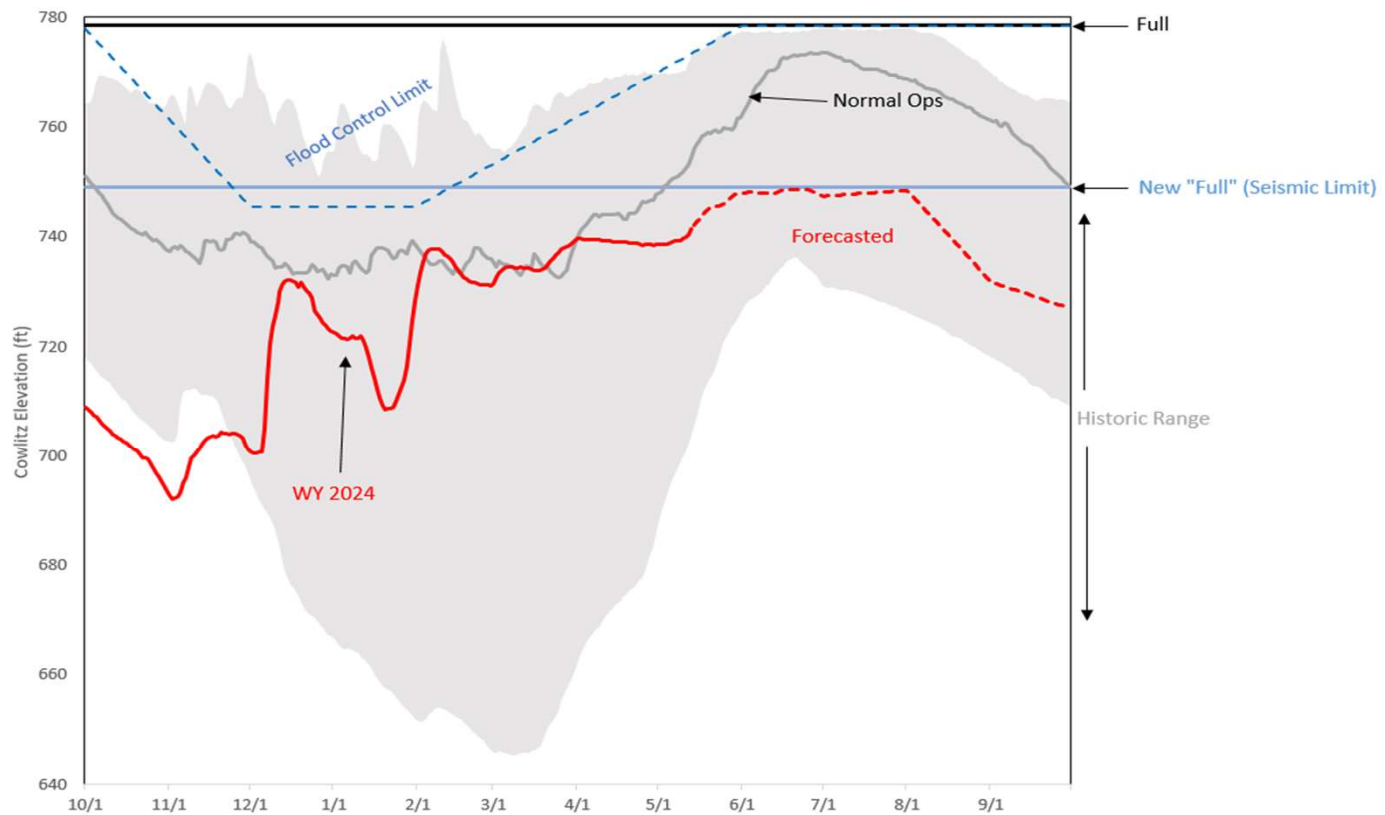
(Federal System Hydro Inflows, Years 1961 – 2024)



# Power Supply Update

## Graph 6: Cowlitz Projection Reflects Conservative Operations

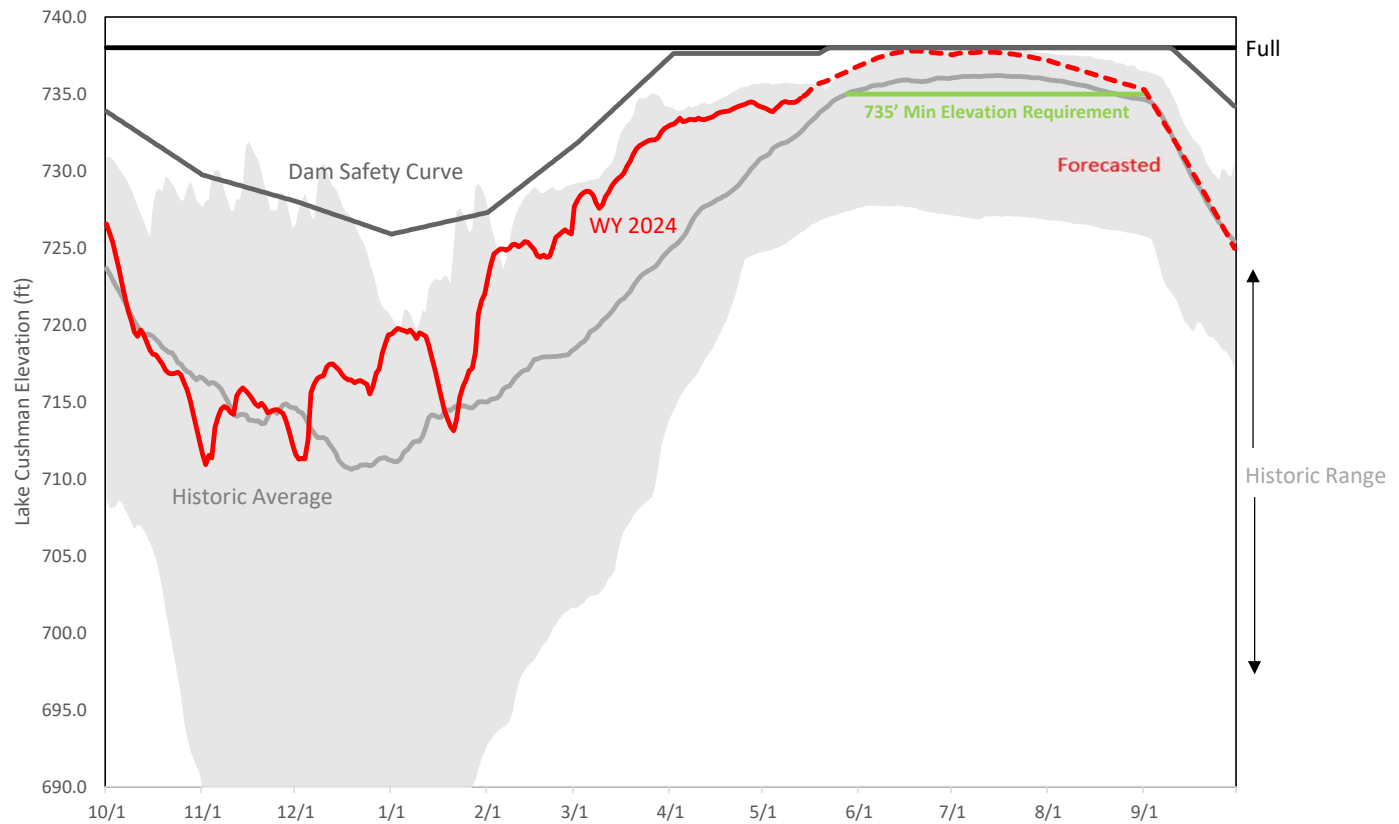
(Cowlitz Elevation, WY 2024 vs. Years 1991-2023)





# Power Supply Update

Graph 7: Cushman Project Elevation – Low Snowpack, Running Conservatively to Assure Refill  
(Cushman Elevation, WY 2024 vs. Years 2012-2023)



# Wholesale Net Revenues

Section 2

# Energy Risk Management

## Energy Risk Management Overview

### Energy Risk Management Program Objective

The objective of the program is to **manage the variability** from our power supply portfolio.

### Program Components

Identify &  
Quantify Risks

Risk Tolerance &  
Policies

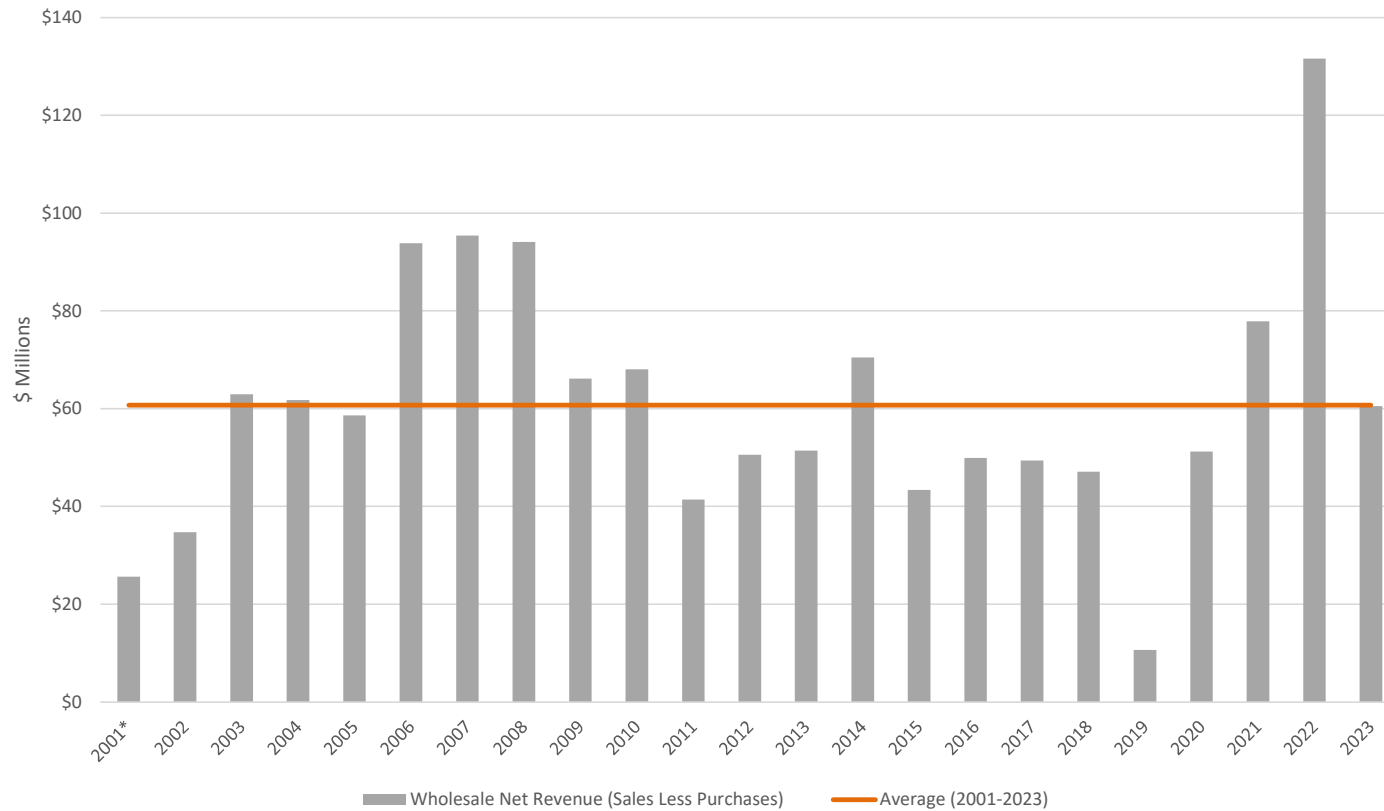
Hedging Program  
& Metrics

Trade Controls &  
Processes

Monitor & Report  
Risks

# Wholesale Net Revenues

Graph 8: Wholesale Revenues are Historically Volatile

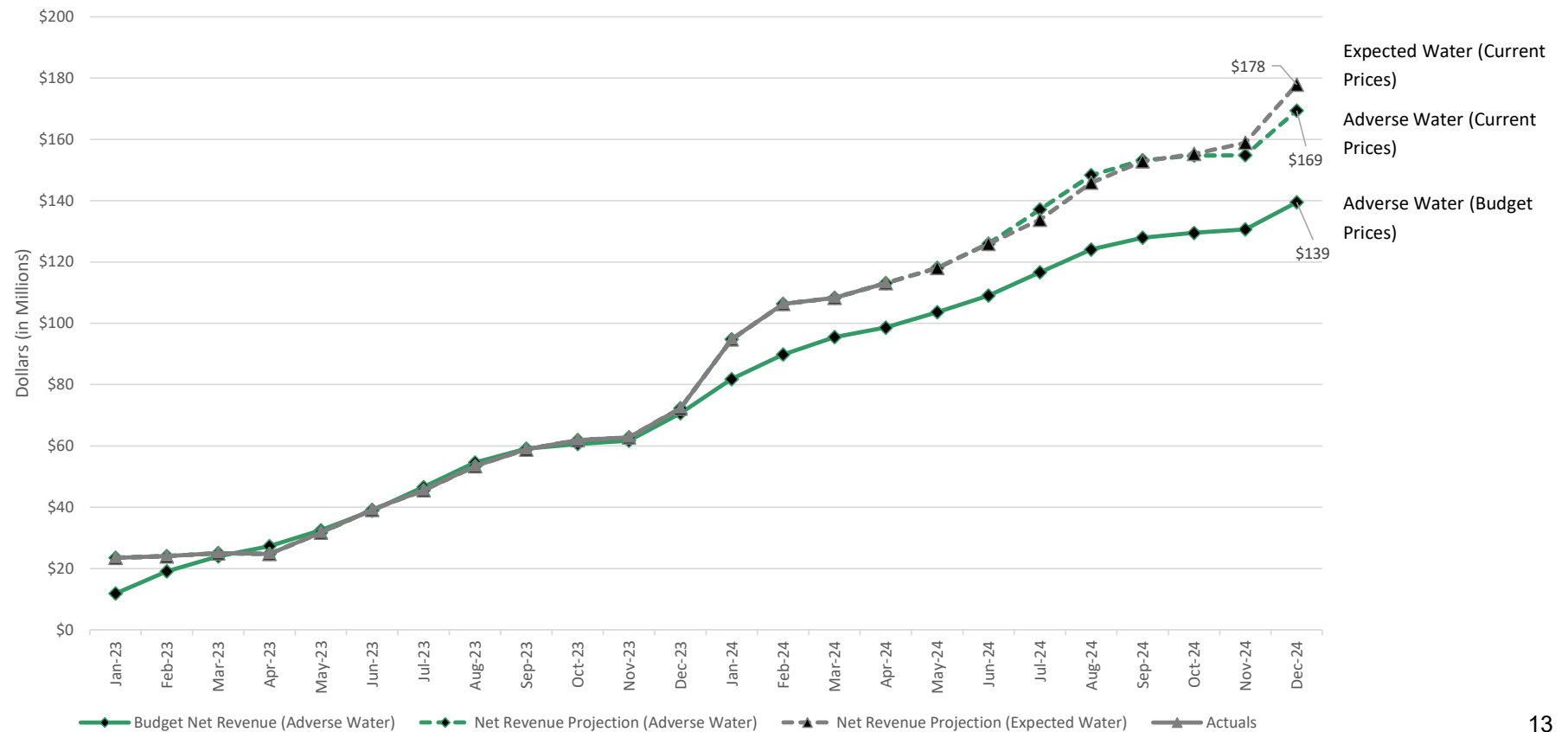


\*Does not include purchases (data not available)

# Wholesale Net Revenues – 2023/2024

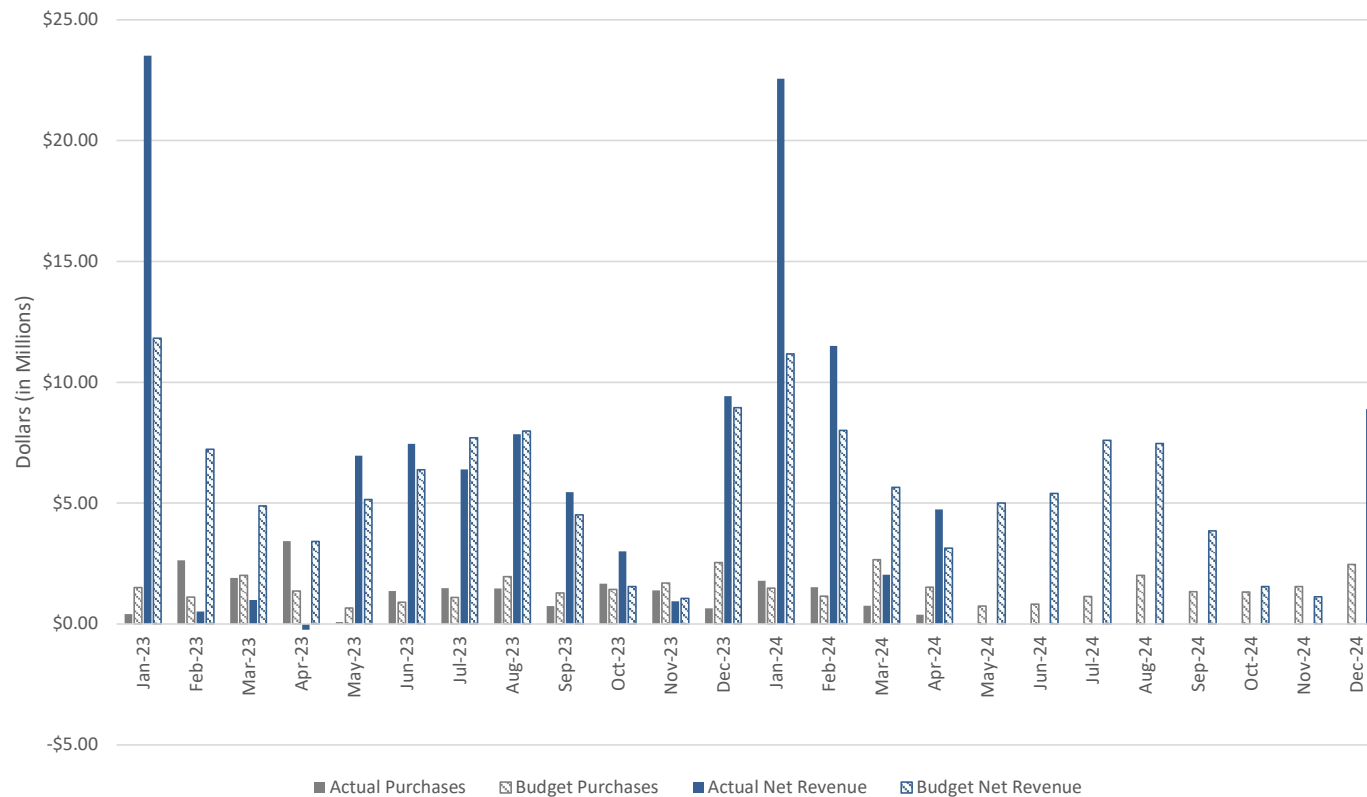
## Graph 9: Actual Wholesale Net Revenues Projections Exceed Budget for Biennium

(Cumulative Actual vs. Budget Wholesale Net Revenues, 2023 – 2024)



# Wholesale Net Revenues – 2023/2024

Graph 10: Actual Net Revenues Recover from Poor Hydro Conditions to Date  
(Monthly Actual vs. Budget Wholesale Purchases and Net Revenues)



# Wholesale Net Revenues – 2023/2024

## Graph 11: We Have High Probability of Exceeding the Budget

(Risk Model Simulation of Biennial Net Revenues, 2023-2024)

