



Bonneville Power Administration

April 28, 2021



How BPA spends a dollar of its power revenues

O&M (24 cents)

Operation and maintenance costs at the hydro projects and Columbia Generating Station.

Debt (24 cents)

Principal and interest on federal and nonfederal debt.

Fish & Wildlife (17 cents, plus the impact of lost power generation)

Principal and interest on debt, expense and people costs total 17 cents. But the full impact is 24 cents due to the cost of lost power generation that results from spill and other operational requirements to support fish and wildlife.

Residential Exchange (9 cents)

Payments to consumers served by higher-cost investor- and consumer-owned utilities.

Conservation (7 cents)

Principal and interest on debt, expense costs, people and Energy Efficiency Incentive.



BPA people (5 cents)

Salaries, benefits and supplies for power and corporate employees not supporting conservation and fish and wildlife.

Power purchases (5 cents)

System augmentation, balancing purchases, renewable purchases, long-term contracts and risk mitigation.

Transmission (4 cents)

Resource integration costs and cost to deliver secondary energy to customers.

Transfer (3 cents)

Cost to deliver power to customers not directly connected to BPA's transmission system.

Rate discounts (2 cents)

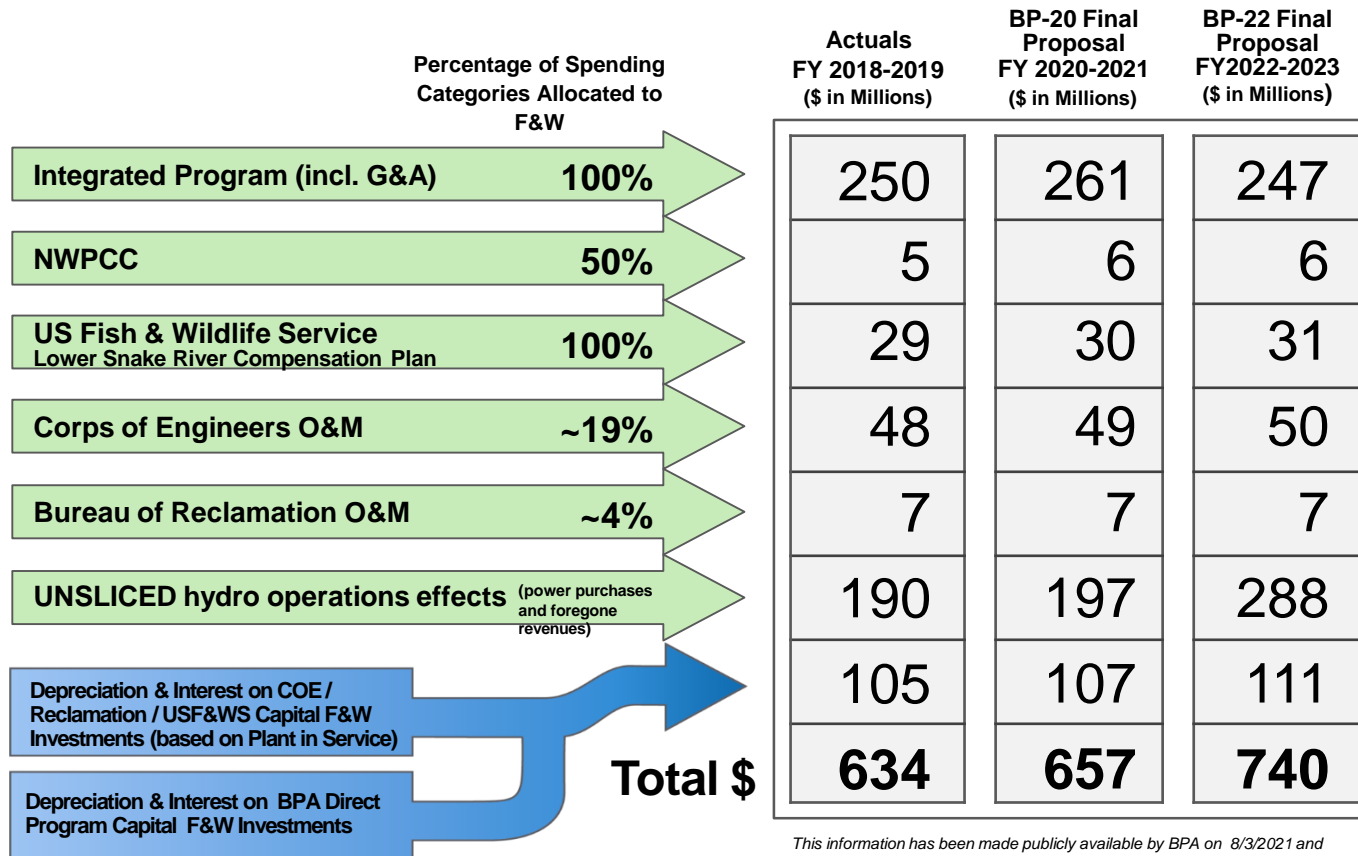
Discount provided to customers with low system densities and to customers with eligible irrigation load.

Financial components of BPA's F&W Actions

- **Integrated Program Review** – BPA's F&W program is a legal compliance program. It funds several hundred mitigation projects to support compliance with applicable laws, including the Northwest Power Act and Endangered Species Act. The program also helps fulfill trust and treaty responsibilities.
- **Debt service** – The projected amortization, depreciation and interest payments for investments directly funded through BPA borrowing, as well as capital investments by the Corps and Reclamation that are funded by the U.S. Treasury and reimbursed by BPA.
- **Fish-related O&M** (“reimbursable expenses”) – The hydroelectric share of operations and maintenance and other non-capital expenditures for fish and wildlife activities by the Corps and Reclamation (i.e., O&M of fish facilities at the federal mainstem dams and Corps/Reclamation mitigation hatcheries), and U.S. Fish & Wildlife Service (for hatcheries under the Lower Snake River Compensation Plan – 11 hatcheries and 18 satellite facilities).
- **River operations** – The power production effects of river operations called for in NOAA Fisheries and USFWS biological opinions.

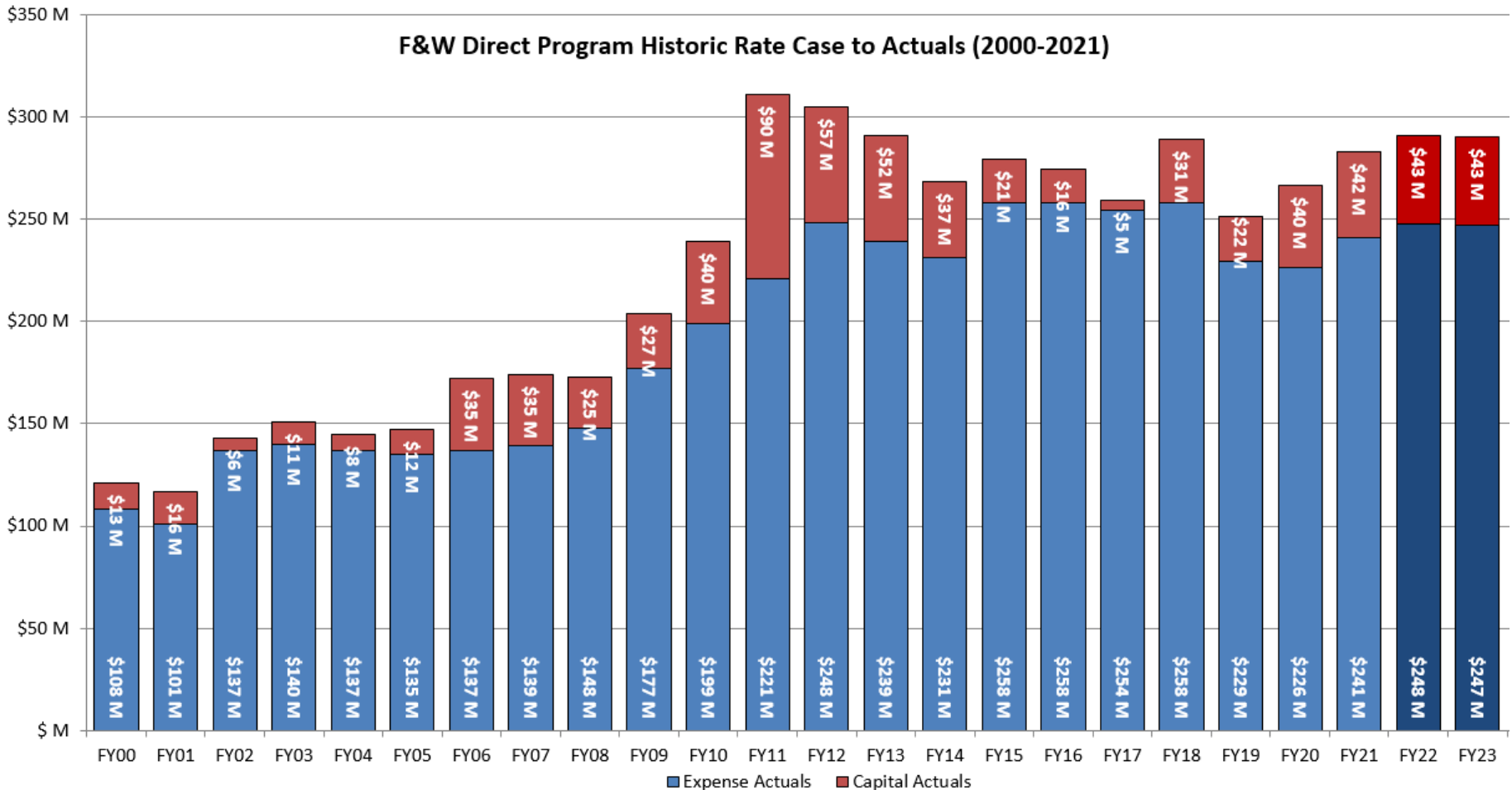


Total annual average cost of F&W actions

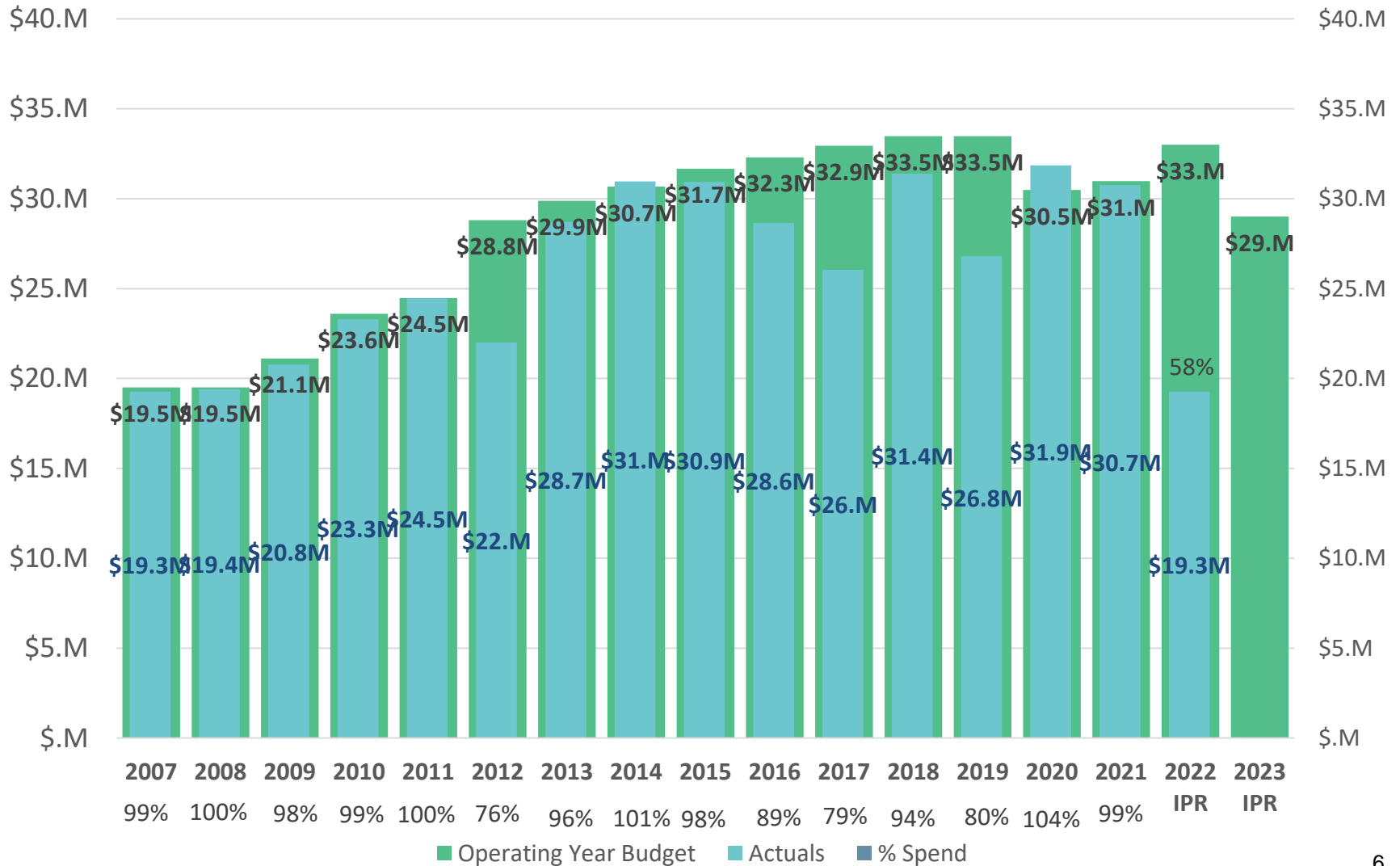


This information has been made publicly available by BPA on 8/3/2021 and contains information not reported in agency financial statements.

F&W Direct Program Actuals (00-21)



LSRCP Historic Budgets to Actuals



F&W Program & LSRCP FY22 Actuals to Rate Case



EF&W Dashboard

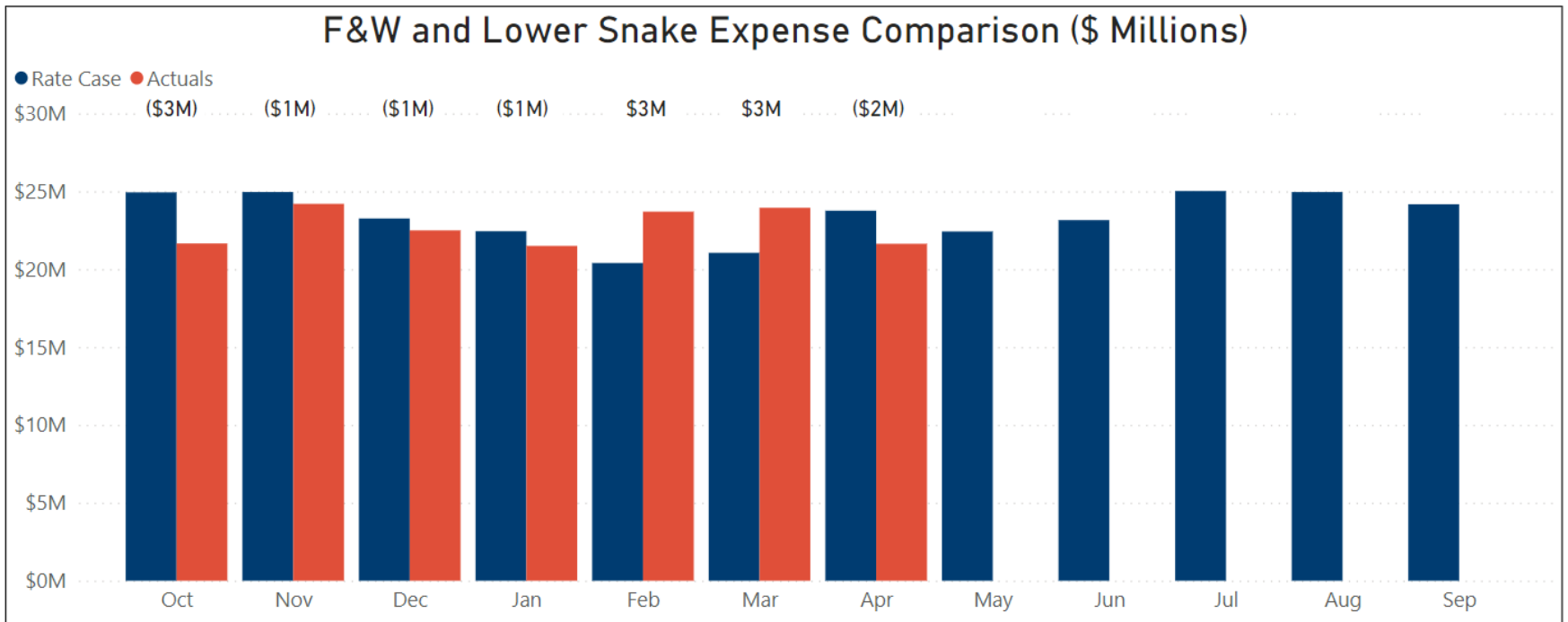
Fiscal Year

- 2017
- 2018
- 2019
- 2020
- 2021
- 2022


This page was left as is to reconcile to the FIN1518 Agency Ops Dashboard

May 17
Updated on

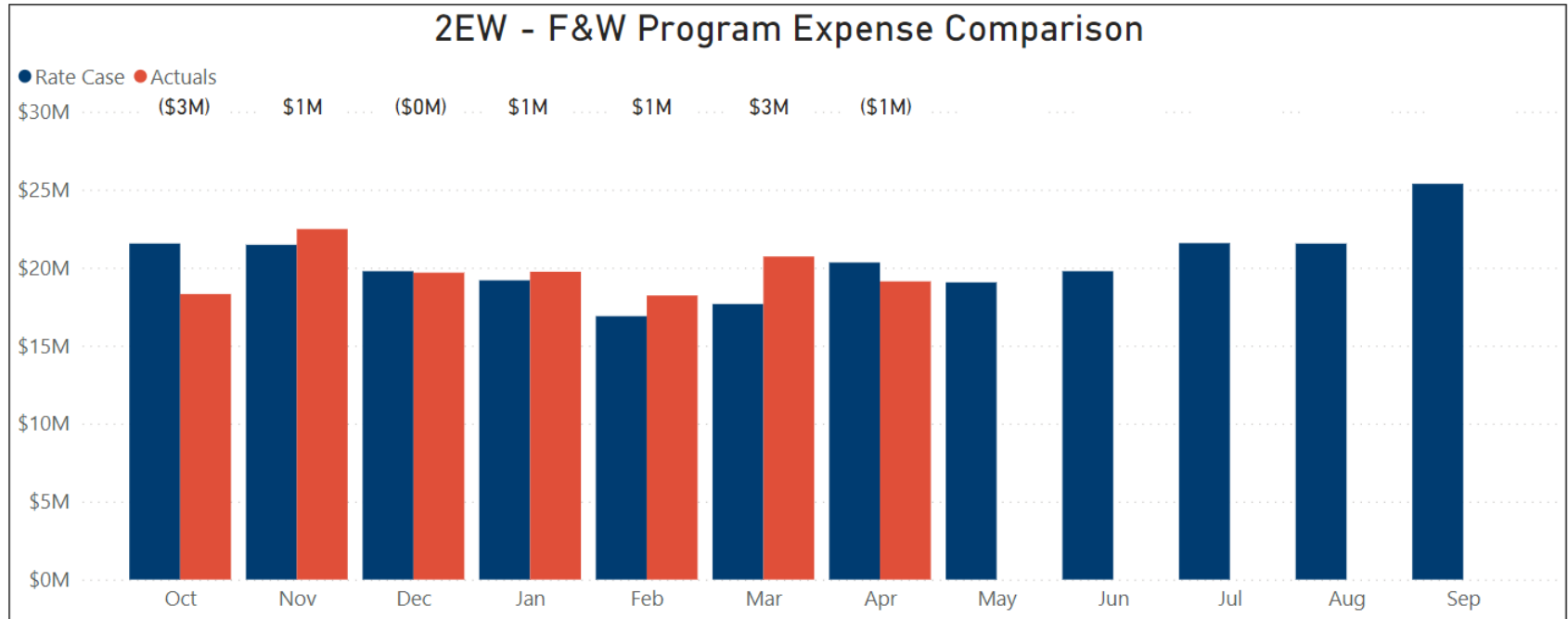
Fiscal Year			Fiscal Year to Date		
Rate Case	Q2 Forecast	Variance	YTD Rate Case	YTD Actuals	Variance
\$280.5M	\$280.5M	(\$0.0M)	\$160.8M	\$159.1M	(\$1.7M)



F&W Program FY22 Actuals to Rate Case

 **EF&W Dashboard** Fiscal Year
 2017 2018 2019 2020 2021 **2022** May 17
 Updated on

Fiscal Year			Fiscal Year to Date		
Rate Case	Q2 Forecast	Variance	YTD Rate Case	YTD Actuals	Variance
\$244.2M	\$243.8M	(\$352.2K)	\$136.9M	\$138.3M	\$1.4M



LSRCP FY22 Actuals to Rate Case



EF&W Dashboard

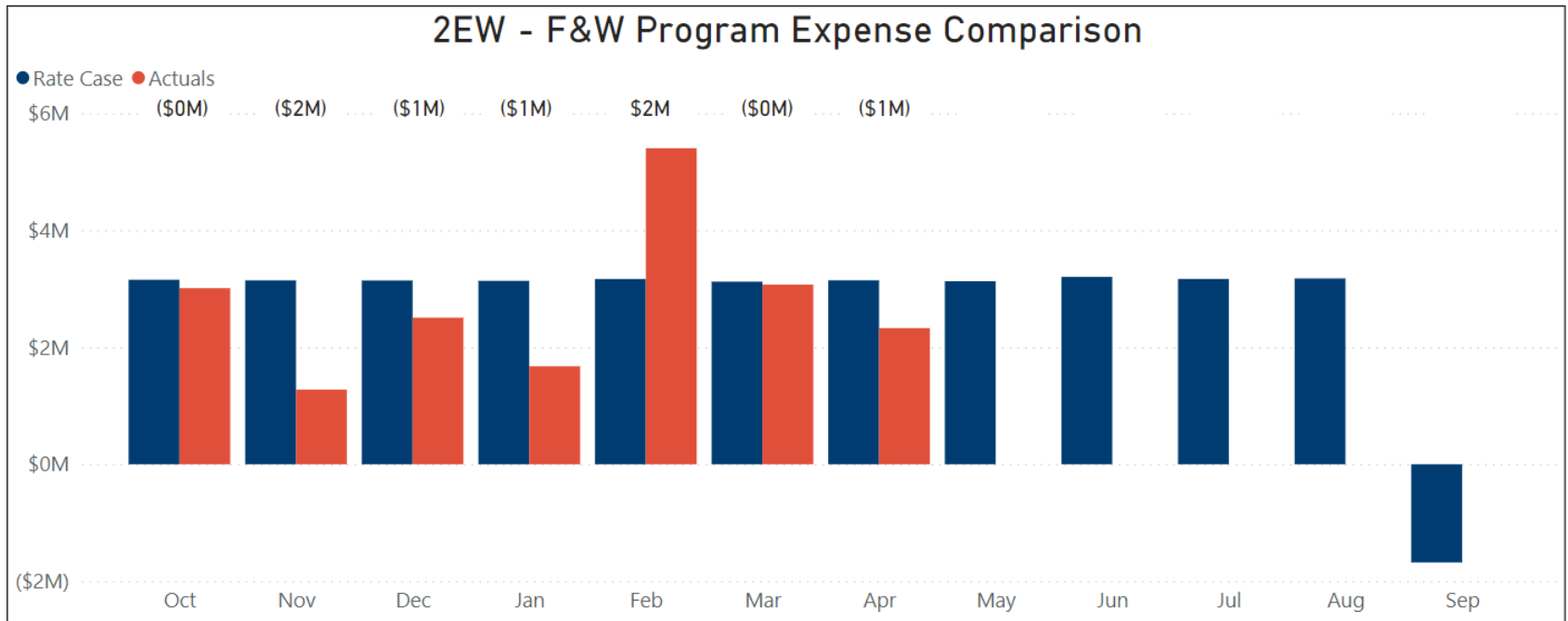
Fiscal Year

- 2017
- 2018
- 2019
- 2020
- 2021
- 2022

May 17

Updated on

Fiscal Year			Fiscal Year to Date		
Rate Case	Q2 Forecast	Variance	YTD Rate Case	YTD Actuals	Variance
\$33.0M	\$33.0M	(\$0.0)	\$22.0M	\$19.3M	(\$2.7M)



Strategic Goals

#1

**STRENGTHEN
FINANCIAL HEALTH**

#2

**MODERNIZE
ASSETS &
SYSTEM OPERATIONS**

#3

**PROVIDE
COMPETITIVE POWER
PRODUCTS & SERVICES**

#4

**MEET TRANSMISSION
CUSTOMER NEEDS
EFFICIENTLY & RESPONSIVELY**

Fish & Wildlife Program IPR Budget Trends

Fish and Wildlife Program IPR Levels Reduction

