



Bonneville
POWER ADMINISTRATION



INTEGRATED PROGRAM REVIEW

COLUMBIA GENERATING STATION

JUNE 17, 2020

AGENDA

Time	Topic	Speaker
10 minutes	Columbia Generating Station (Columbia) Background	Cherie Sonoda
15 minutes	Columbia Commitment to the Region	Cristina Reyff, VP Corporate Asset Management/CFO/CRO
15 minutes	Columbia BP-22 IPR Forecasts	Johnathan Hicks, Budget & Project Performance Manager
15 minutes	Columbia Long Range Plan	Corey Olivier, Strategy & Risk Manager/Deputy CRO
15 minutes	Columbia Cost Effective Operation	David Jordan, Financial Planning & Analysis Manager
20 minutes	Questions	

COLUMBIA GENERATING STATION O&M BACKGROUND

- Columbia costs are included in the revenue requirements of Power Services rate structure
- CGS is an 1174 net MW boiling water nuclear reactor located in Richland, Washington
- CGS is owned and operated by Energy Northwest
- CGS began commercial operation in December 1984 and is licensed to operate through December 2043.
- BPA supports Energy Northwest's mission to operate CGS in a safe, reliable and cost effective manner such that its performance is in the top quartile of the industry in technical and cost performance relative to its peers on a sustained basis.

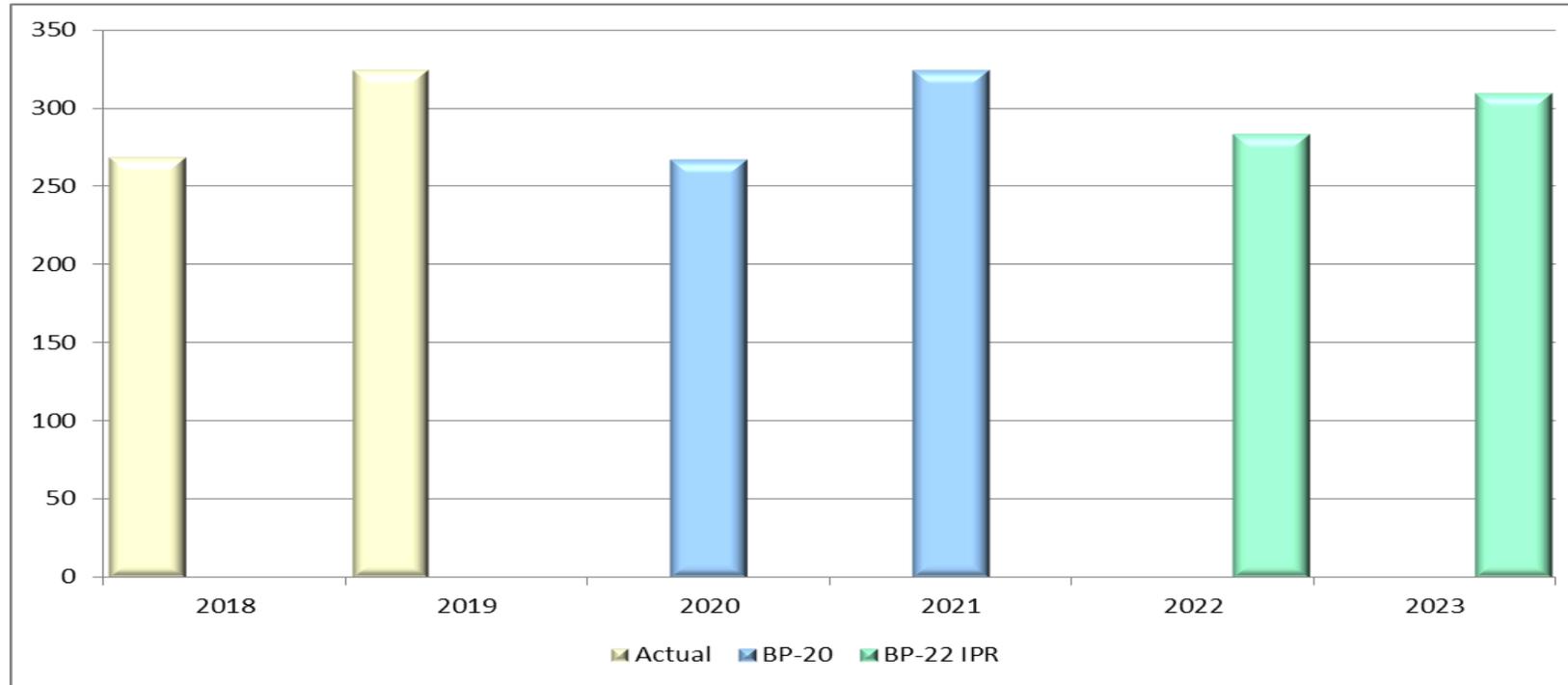
COLUMBIA GENERATING STATION O&M

Columbia Generating Station	2019 Actual	BP-20 Rate Case 2020	BP-20 Rate Case 2021	BP-22 IPR 2022	BP-22 IPR 2023	BP-20 Rate Case 2 Year Total	BP-22 IPR 2 Year Total
COLUMBIA GENERATING STATION	318,685,000	260,327,000	317,257,000	275,798,000	301,786,000	577,584,000	577,584,000
DECOMMISSIONING CONTRIBUTIONS	3,936,000	4,092,000	4,256,000	4,428,000	4,605,000	8,348,000	9,033,000
NEIL INSURANCE	895,000	2,152,000	2,249,000	2,825,000	2,825,000	4,401,000	5,650,000
TOTAL	323,516,000	266,571,000	323,762,000	283,051,000	309,216,000	590,333,000	592,267,000

- BPA acquires 100% of Columbia generation and funds 100% of its costs plus directly funds the Decommissioning Trust Fund and NEIL insurance premiums.
- Columbia continued safe, reliable, and cost effective operation is the key product.
- Columbia will have maintenance and refueling outages in FYs 2021 and 2023. Columbia had an outage in FY 2019.
- To support holding BP-22 costs to BP-20 levels, Columbia has identified capital projects and associated capital allocations slated to be completed in future years and pulled them forward to offset O&M allocations in BP-22.
- The proposed IPR levels for FY 2022-2023 support continued operation and maintenance of Columbia, are consistent with the spending forecast provided by the Energy Northwest FY 2021 Long Range Plan and the O&M forecasts are held to the same two year amount as the current rate period funding levels.

COLUMBIA GENERATING STATION O&M – CASH BASIS

BPA Fiscal Years – Dollars in Millions



	2018	2019	2020	2021	2022	2023
Actual	268	324				
BP-20			267	324		
BP-22 IPR					283	309

Supporting BPA's Strategic Plan

Columbia's cost management strategies support BPA's strategic goals of sustaining financial strength, modernizing assets through investing in our power products and supporting BPA's ability to provide competitive power products and services.

A photograph of a forest path with sunlight streaming through the trees, overlaid with a white box containing the word 'QUESTIONS?' in green.

QUESTIONS?

THANK YOU

FINANCIAL DISCLOSURE

This information was publicly available on JUNE 12, 2020, and contains information not sourced directly from BPA financial statements.