WRA EXHIBIT 3

Jurisdictional Modeling Diagrams from
2023 IRP Update and 2025 IRP

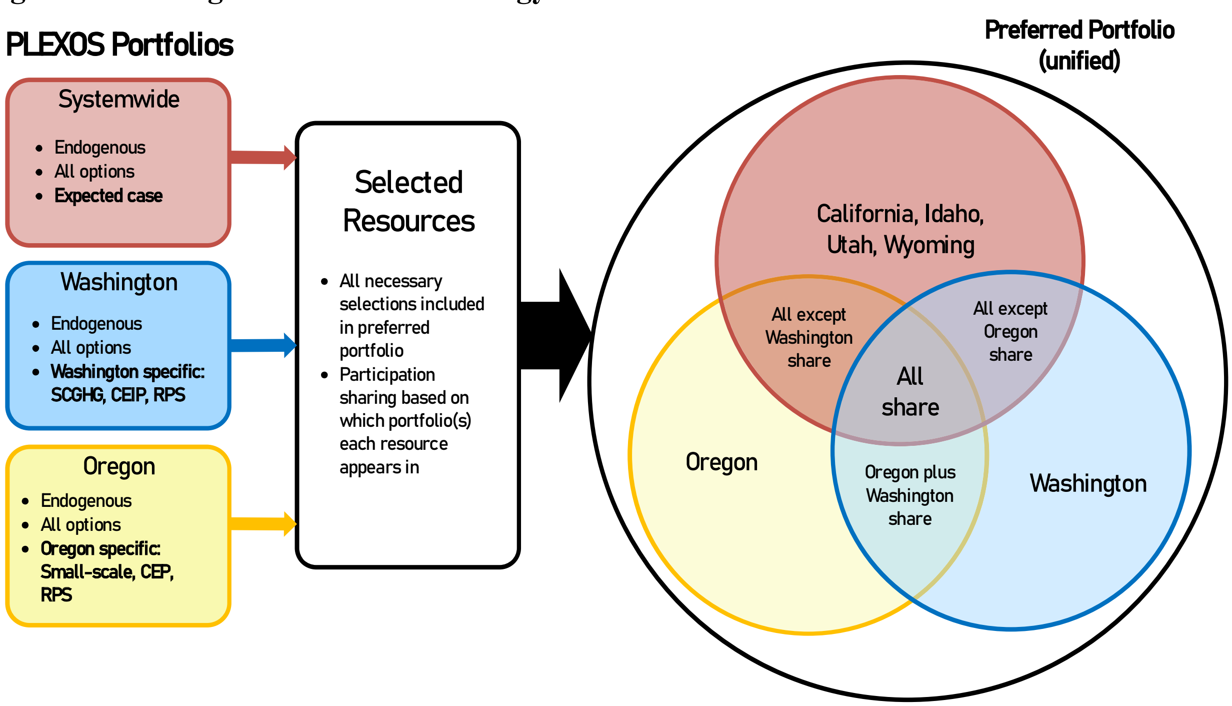
Preferred Portfolio Development

As discussed above, the iterative study process was completed for all studies in the 2023 IRP Update. The fully unconstrained Medium Gas, Medium CO_2 (MM) study was iterated through eight distinct phases of granularity or reliability adjustments before reaching a point where the results stabilized, and no further significant progress was evident. The portfolios generated in this eight-phase study process were all eligible to be selected as the systemwide best portfolio.

Given state policy requirements, however, the systemwide portfolio was not expected to meet all state-specific compliance obligations. To generate an optimal, all-state portfolio, the systemwide portfolio must be integrated with selections optimized under each state's requirements, requiring additional studies. These additional studies were created by layering state compliance constraints into the LT model, and these model runs went through the same iterative process as described above. The preferred portfolio leveraged the resource selections of the least-cost MM system-wide portfolio, the least-cost MM Oregon Policy portfolio and the least-cost Social Cost of Greenhouse Gas (SC-GHG) Washington Policy portfolio.

Figure 6.3 illustrates the strategy for the integration of optimal resource selections for all states. Using the figure as a guide, if a given resource is selected as optimal for one state but is not selected in the systemwide portfolio nor for any other individual state, then that resource is assumed to belong to the selecting state to meet its specific requirements. If a resource is selected as optimal for a specific state and systemwide portfolio, it is assumed shared.

Figure 6.3 – Integrated Portfolio Strategy

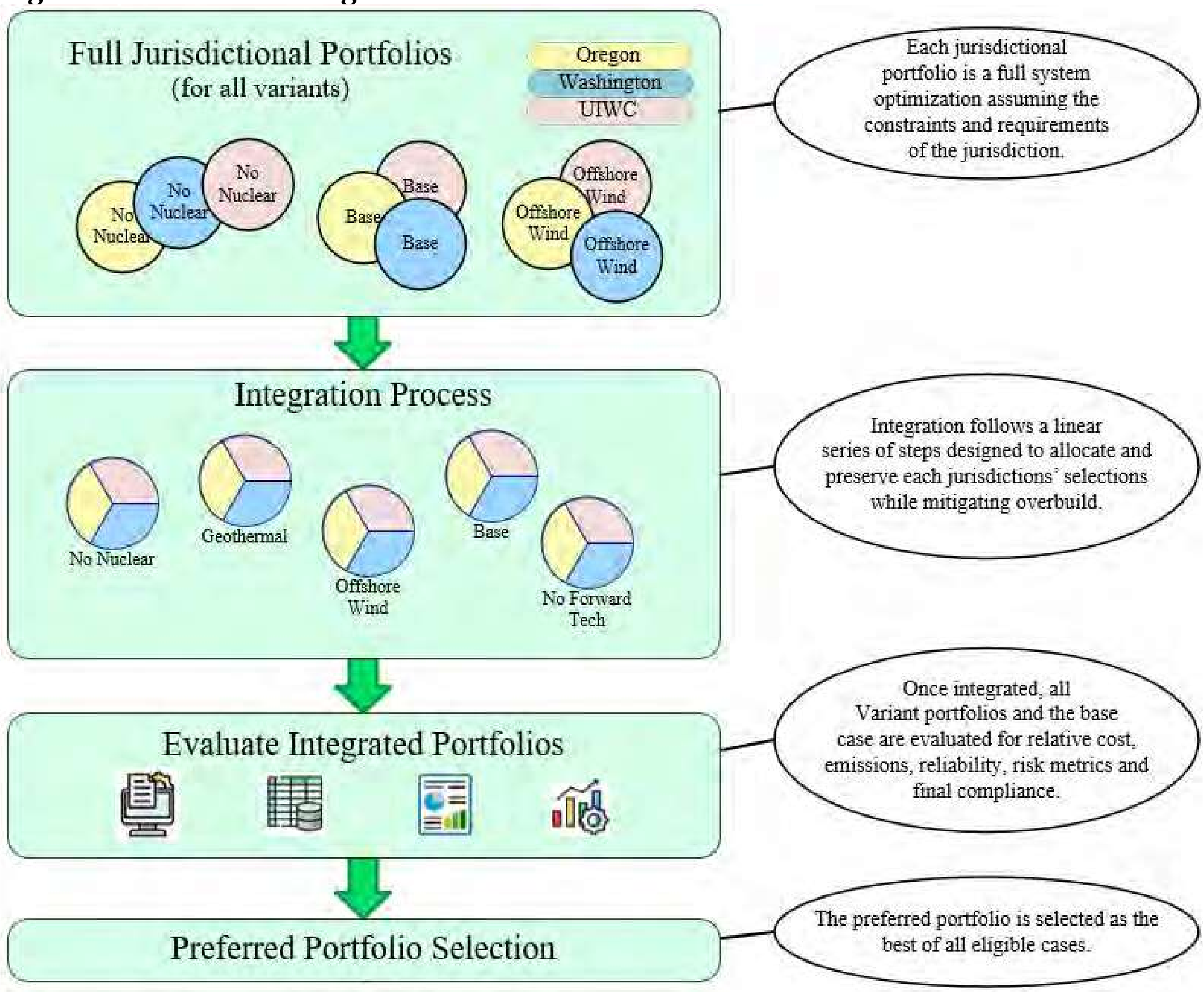


Introduction

This chapter reports modeling and portfolio selection results for the resource portfolios developed with a broad range of input assumptions informed by the PLEXOS modeling. Using model data from the portfolio-development process and subsequent cost and risk analysis of unique portfolio alternatives, the following discussion describes PacifiCorp's preferred portfolio selection process and presents the 2025 IRP preferred portfolio.

This chapter is organized around the portfolio development, modeling and evaluation steps identified in the previous chapter and covers the portfolio cost and risk analysis for the variant portfolios, including selection of the preferred portfolio. As illustrated in Figure 9.1, the final preferred portfolio selection is informed by all relevant modeling results.

Figure 9.1 – Portfolio Integration and Selection Workflow



This chapter also presents discussion of Oregon's compliance position in the preferred portfolio.