

Title Planning for Uncertainty in Water Supply and Demand	Number WTR-240	Rev. no. 0
Responsibility Drinking Water Division	Supersedes N/A	Pages 1
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1. PURPOSE

This policy sets the direction for how Seattle Public Utilities will plan to meet the long-term water supply needs of its retail and wholesale customers, while meeting the needs of in-stream resources given the uncertainties in both future supply and demand.

2. POLICY

Base supply investment strategies on future outlooks for supply and demand that incorporate an evaluation of uncertainties using the best available analytical tools.

- A. Consider investing simultaneously in the planning-level or preliminary engineering design stages of multiple sources to ensure sufficient supply is available to meet demand when it is needed in the future.
- B. Implement or construct new sources prior to the supply/demand cross-over point when prudent for reducing risk or cost.
- C. Address potential impacts of long-term climate change on water supply and demand in developing supply investment strategies based on the most current knowledge available and a wide range of climatic conditions.
- D. Factor in needed emergency reserves when evaluating available water sources and alternative supply investment strategies.
- E. Re-evaluate the supply investment strategy at least every six years, and adjust it, as needed, based on new information.