Advancing Desalination in California

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Desalination = Portfolio Approach to Water Management

- Desalination is NOT a panacea
- But desalination is integral to local water resilience and reliability

- Desalination should be a consideration:
  - Where it makes sense geographically and hydrologically from a water supply alternative standpoint
  - Where it makes sense from a cost/rates standpoint
Desalination = Important Climate Adaptation Strategy

• Desalination is:
  • Locally controlled
  • Drought-proof
  • Reliable
  • Mitigation against community/economic impacts from prolonged drought
The Industry is Tackling Historical Criticisms of Desalination

- **Cost**
  - No remaining “low-hanging fruit” - demand hardening – meld costs to mitigate rates

- **Environmental**
  - Rigorous environmental standards – CA Ocean Plan – mitigation projects

- **Energy**
  - Consumption – carbon footprint - costs

“Best available, site, design, technology, and mitigation measures feasible to minimize intake and mortality of all forms of marine life” CA Ocean Plan
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