**Desalination Public Benefit Investments**

**for Resources/Climate Resilience Bond Package**

* **$150M for grants for advanced treatment technology projects related to brackish surface and ground water desalination**
  + Brackish surface and groundwater desalination infrastructure and associated treatment, storage, conveyance, and distribution facilities
  + Contaminant and salt removal projects and associated treatment, storage, conveyance, and distribution facilities
  + Pilot or demonstration projects for new brackish groundwater and surface water salt and contaminant removal technologies
    - Including, but not limited to, electrostatic deionization technologies and brine remediation strategies
  + Competitive research and development grants
  + Cost share to access federal and other funding opportunities
  + Technical assistance and grant writing assistance for DACs
* **$250M for advanced treatment technology projects related to seawater desalination**
  + Seawater desalination infrastructure and associated treatment, storage, conveyance, and distribution facilities
  + Pilot or demonstration projects for new seawater salt and contaminant removal technologies
    - Including, but not limited to, land-based desalination, offshore desalination, and subsea desalination
  + Competitive research and development grants
  + Cost share to access federal and other funding opportunities
  + Technical assistance and grant writing assistance for DACs
* **$200M for research and development and grants and direct expenditures for brine disposal solutions**
  + Brine lines
  + Brine disposal or remediation technologies
* **Competitive grant funding process, considering the following criteria**
  + Water supply reliability improvement
  + Water quality and ecosystem benefits related to decreased reliance on diversions from the Delta, Colorado River, or instream flows
  + Public health benefits from improved drinking water quality or supply
  + Cost-effectiveness
  + Energy efficiency and greenhouse gas emission impacts
  + Reasonable geographic allocation throughout the state
* **Preference may be given to projects that demonstrate substantial use of renewable or zero-carbon energy resources or grid-responsiveness in water supply production**

**Total Desalination Public Benefit Investment Request: $600M**