

AMWA 2018 Water Policy Conference

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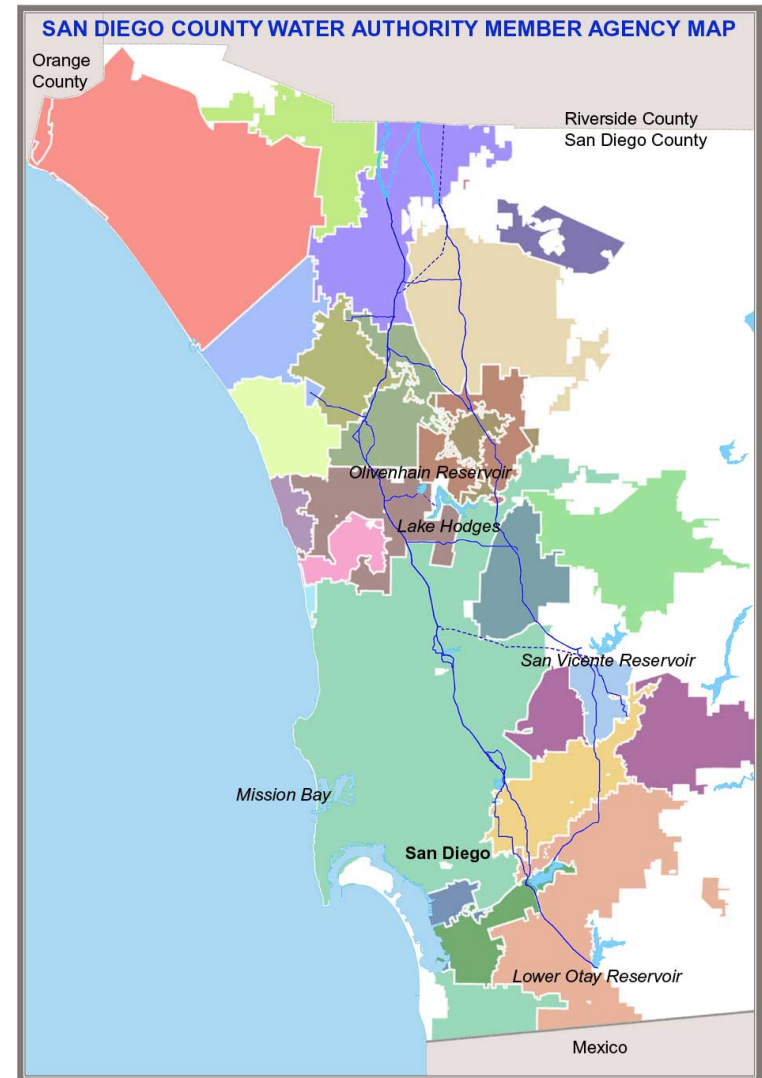
San Diego County Water Authority

Wholesale water agency and regional water planner created by State Legislature in 1944

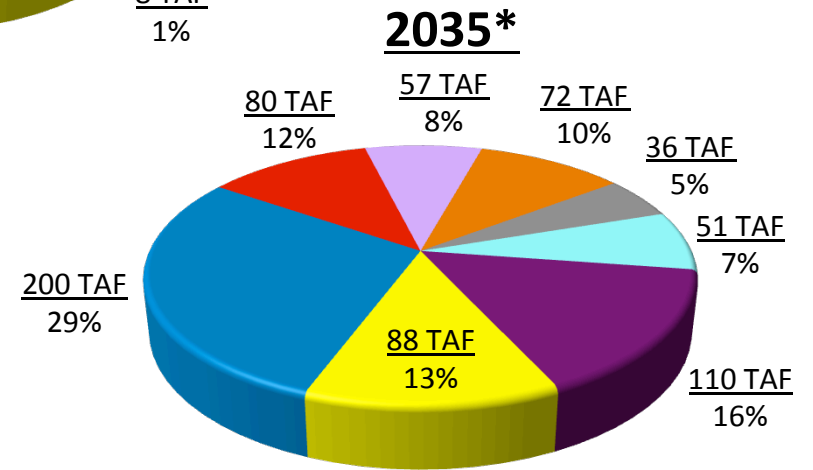
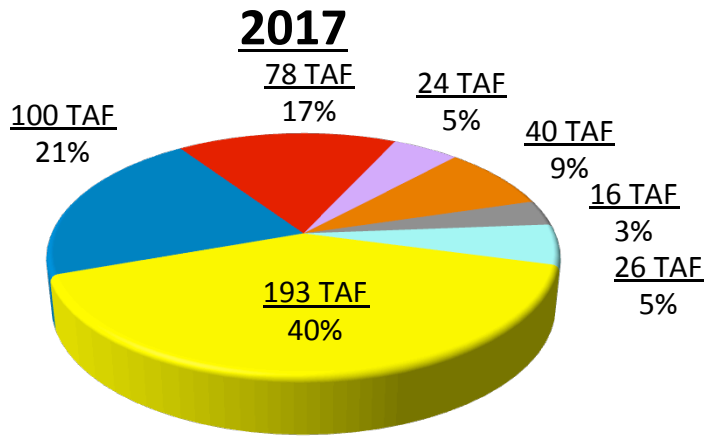
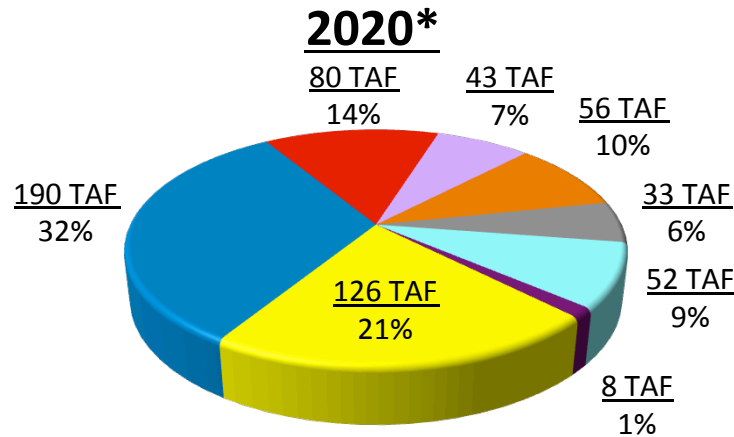
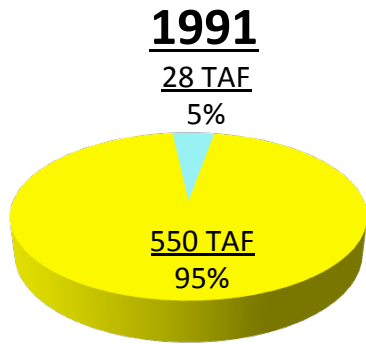
- ▶ 24 member agencies
- ▶ Serves 3.3 million people and region's \$222 billion economy

Provides 80%–90% of water used in San Diego County

- ▶ Added desalinated seawater to local supply in late 2015
- ▶ Builds, owns, operates and maintains large-scale regional water infrastructure



Increasing San Diego County's Water Supply Reliability through Supply Diversification



* Includes verifiable and additional planned local supply projects from 2015 UWMP

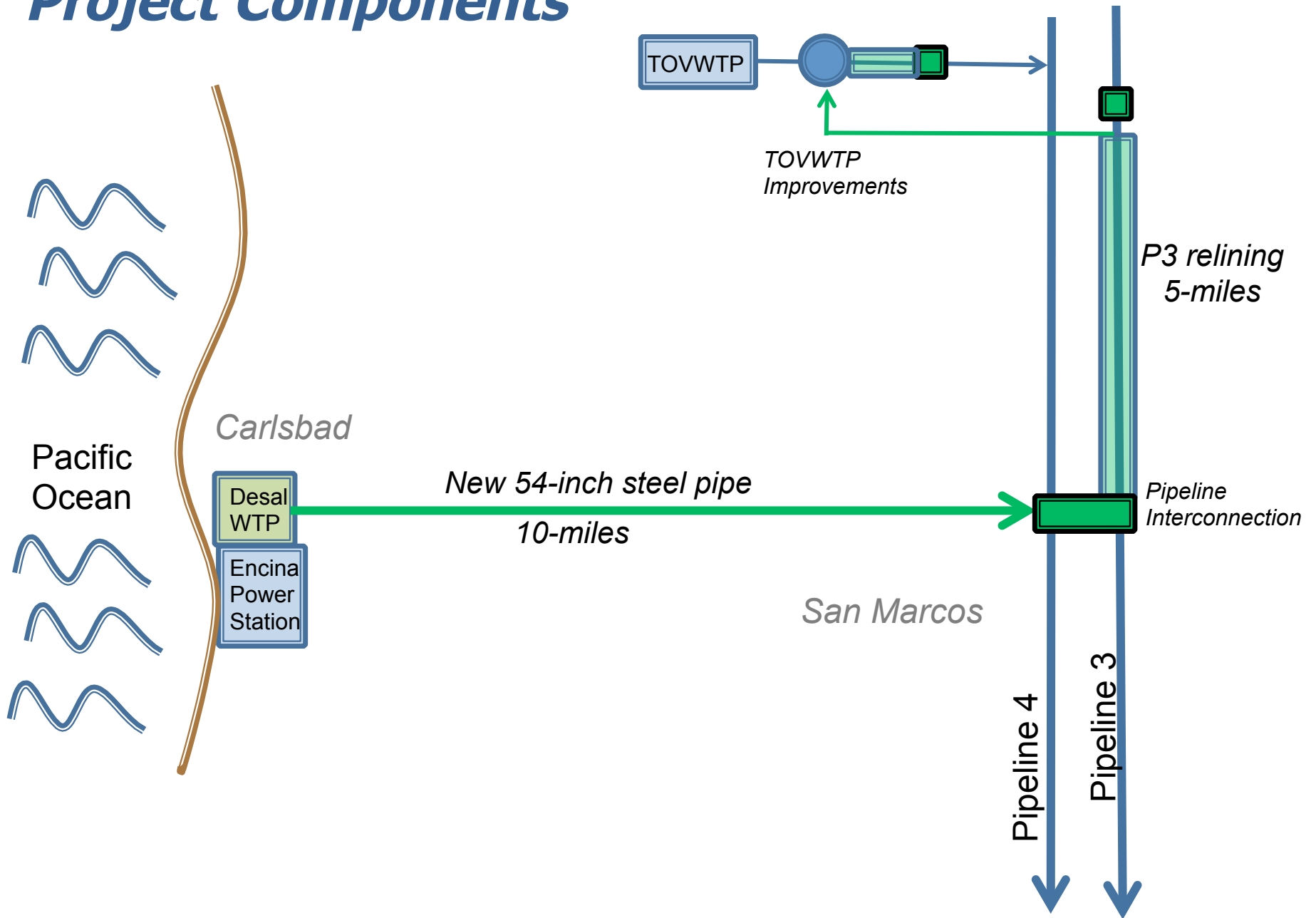
(TAF=Thousand Acre-Feet)

Lewis Carlsbad Desalination Plant

- Owned and operated by Poseidon Water
- 30 year contract
- \$1 billion investment
- 48,000-56,000 AF/year of drought-proof supplies
- Largest, most advanced seawater desalination facility in North America
- On-line in December 2015



Project Components



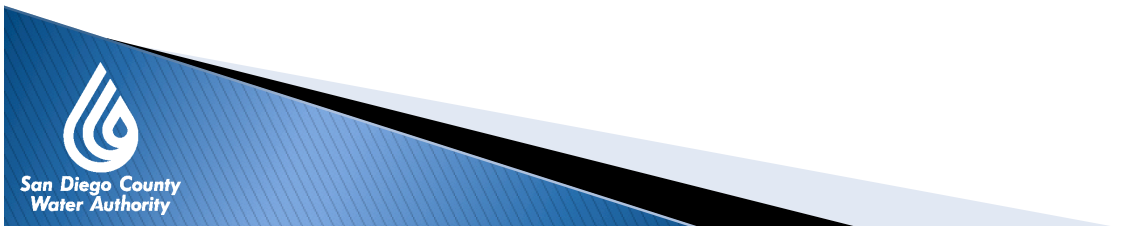
The Carlsbad Project: A Successful Public Private Partnership (P3)

- ▶ *Risk Transfer* to Poseidon/Contractor team
- ▶ *Price certainty* throughout Water Purchase Agreement term
- ▶ *Buy-out provisions* after 10 years of operation
- ▶ *Transfer to public ownership* at the end of the 30 year agreement



Developer's Responsibilities

- ▶ Permit, design and build the Desal Plant (Water Purchase Agreement)
- ▶ Permit, design and build the Product Water Pipeline (Design-Build Agreement)
- ▶ Operate and maintain the Desal Plant
- ▶ Supply the Product Water



Water Authority Responsibilities

- ▶ “Take or Pay” for Product Water if it meets specifications
- ▶ Timely construction of Treatment plant and Pipeline improvements/rehabilitation
- ▶ Operate and maintain the Product Water Pipeline, treatment plant and related system pipelines





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Water Authority