

Poseidon Water

Awards & Accolades

- 2016 International Plant of the Year for the Carlsbad Desalination Plant
Awarded by Global Water Intelligence
- 2013 Desalination Deal of the Year for the Carlsbad Desalination Plant
Awarded by Global Water Intelligence
- 2013 Bond Deal of the Year Finalist for the Carlsbad Desalination Plant
Recognized by Bond Buyer
- 2012 Largest U.S. Project Financing Deal for the Carlsbad Desalination Plant
Recognized by Bloomberg News
- 2012 North American Infrastructure Deal of the Year for the Carlsbad Desalination Plant
Recognized by Infrastructure Investor
- 2012 North American Water Deal of the Year for the Carlsbad Desalination Plant
Recognized by Project Finance Magazine

Leading the Way in New Water Solutions

Poseidon is the partner of choice for local governments and industrial water users interested in lowering costs and reducing risks in the development of water infrastructure projects. We provide state-of-the-art technology, management expertise and innovative financing solutions to meet our customer's need for clean, fresh water in challenging environments.

Poseidon Water relies on unique project-specific partnerships to address the water supply, water treatment and water reuse goals of our public and private sector clients. Our leading area of specialty is in large-scale seawater reverse osmosis desalination plants. Poseidon's approach combines state-of-the-art technology with innovative contracting practices and a disciplined development process. The result: clean, efficient and environmentally friendly solutions for water-challenged communities.

In Operation



Claude "Bud" Lewis Carlsbad Desalination Plant

The largest seawater desalination plant in the Western Hemisphere, producing 50 million gallons of water per day, has been in operation in San Diego County, California since late 2015.

In Development



Huntington Beach Desalination Plant

Southern California will move one step closer to the goal of assuring a drought-proof water supply for future generations with the 50 million gallon per day Huntington Beach Desalination Plant, now in late-stage development.

About Poseidon Water

Poseidon is experienced in the development, management and investment in a variety of projects undertaken through a public-private partnership approach. Poseidon organizes expert teams that typically include local water agencies, leading engineering, construction and design firms, and sources of capital, including its parent, Brookfield Infrastructure Partners, L.P. This approach enables appropriate risk allocation among the project participants and delivery of high-performance, environmentally friendly and innovative solutions at a favorable cost and accelerated delivery schedule compared to conventional approaches. Poseidon has developed a specialty in municipal-scale reverse osmosis seawater desalination facilities. The company holds multiple patents for both desalination systems and the integrated treatment of brackish concentrate and seawater.

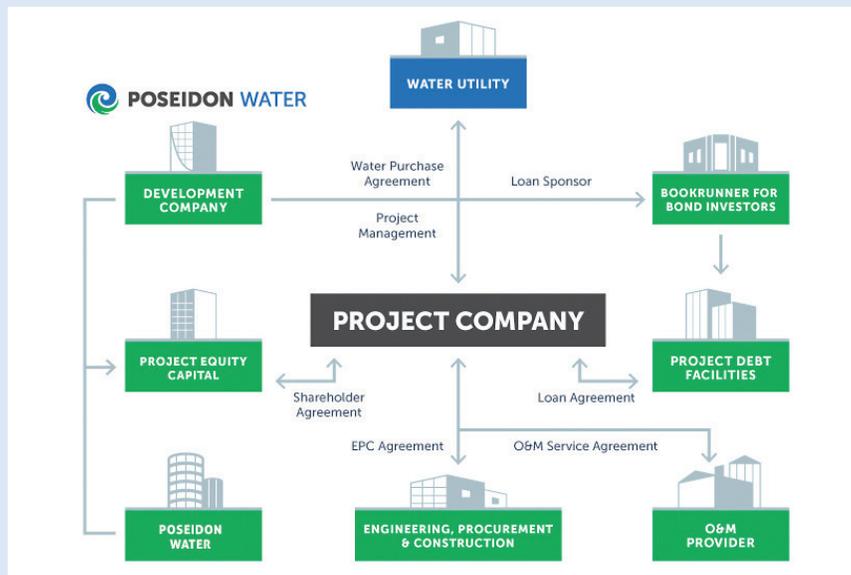


What We Do

Since 1995, Poseidon Water has been a leader in the development of water treatment and reclamation projects using a public-private partnership approach. As populations continue to grow, communities are left searching for innovative ways to secure access to clean water and, at the same time, effectively manage wastewater. Poseidon Water answers this need with innovative solutions.

Public-Private Partnership Approach

Poseidon's approach involves a detailed, up-front contracting that assigns clear responsibilities and optimizes risk allocation process among public water authorities, industrial water users, Poseidon and other project participants. This partnering process is tailored to meet the requirements of each individual project. The result: a well-defined project development roadmap – accountability of roles – turnkey project delivery – improved cost control – and more predictable project performance over the long term.



We obtain all project entitlements

Early in the development cycle, our team develops a comprehensive strategy to secure all required federal, state and local permits, licenses and entitlements and to earn local community support.

We negotiate long-term water purchase agreements

Poseidon's partnership agreements provide for an equitable sharing of project capital and operating costs based on the output and performance of the project. The result: long-term water price predictability over the entire term of the contract. The customer pays only for water actually delivered.

We procure best-fit technology for each project need

Using our extensive experience and expertise deploying industry-leading water treatment solutions, we adopt a technology-neutral, tailored approach that optimizes costs and performance for each site.

We use best-in-class contractors and operators

We maintain close, non-exclusive relationships with industry-leading service and process providers, contractors, engineering professionals, and plant operators. Our extensive network enables us to offer tailor-made solutions to address the unique challenges of each project our team undertakes.

We arrange project debt financing

Our careful approach to risk management enables capital-efficient project finance on a non-recourse basis to customers and Poseidon. We have a demonstrated track record of securing investment-grade ratings for such financings. We evaluate financing sources and select the combination that offers best value based on project circumstances.

We invest project equity and provide project management

In many projects, we play a dual role as equity investor as well as project manager under a long-term Management Services Agreement. In today's era of limited budgets, this approach helps water utilities to conserve and optimize their use of scarce capital and personnel resources.

We possess intellectual property for desalination co-located with power plants

We hold US Patent # 6,946,081 covering desalination systems co-located with power plants or other thermal generating sources, as well as other existing and pending patents.