

# CARLSBAD PROJECT

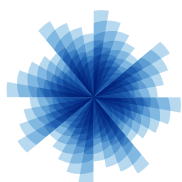


## The Largest Desalination Plant in the Western Hemisphere and a Complete Game Changer for Desalination in the US

An award-winning desalination project for the San Diego County Water Authority (SDCWA) that will provide clean water to about 300,000 people and generate over \$50m annually to the regional economy. The plant overcame significant practical, regulatory and economic hurdles to deliver a cost effective and environmentally friendly water supply. IDE and its partners worked for more than 10 years to develop a desalination solution that meets all the challenging criteria.

### Highlights

- **Multi - award winner**
  - Desalination Plant of the Year 2016 - Global Water Awards
  - Desalination deal of the Year 2013 - Global Water Awards
  - North American Water Deal of the Year, Project Finance Magazine
- **Cutting edge technology** - innovative pretreatment phase, resulting in higher efficiency, reduced energy consumption and high quality water
- **Revolution for US desalination** – ground-breaking project financing that relies on a true partnership model
- **Environmental Breakthrough** - First major California infrastructure project to eliminate its carbon footprint



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## Overview

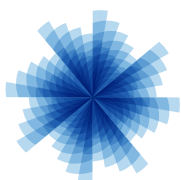
- **Capacity:** 54M gallons (204,412 m<sup>3</sup>) per day
- **Technology:** Reverse Osmosis (SWRO)
- **Project type:** Engineering-Procurement-Construction (EPC) + Operation & Maintenance (O&M)
- **Location:** Encina Power Station, Carlsbad, California
- **Footprint:** ~5.5 acres  
**Commission date:** 2015

## About IDE

IDE is a world leader in water treatment solutions. We specialize in the development, engineering, construction and operation of some of the world's largest and most advanced thermal and membrane desalination and industrial water treatment plants.

IDE partners with a wide range of customers - municipalities, oil & gas, mining, refineries and power stations - on all aspects of water projects, and delivers approximately 3 million m<sup>3</sup>/day of high quality water worldwide.

IDE listens first and then brings technological leadership, proven reliability and consistent delivery to all our customers. Our highly experienced and dedicated team knows that strong partnerships lead to success and growth.



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