



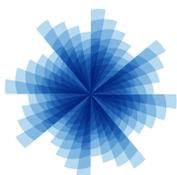
ASHKELON PROJECT

An award-winning, milestone plant for the desalination industry

When completed, Ashkelon was by far the world's largest and most advanced desalination plant. With a huge capacity of up to 330,000 m³/day and with extremely high efficiency levels, the Ashkelon plant achieved one of the world's lowest ever prices for desalinated water. In 2010, due to the unmatched success of the plant, it was expanded by nearly 20% to 392,000 m³/day, providing clean water for more than a million people.

Highlights

- **Cost leadership** - sets a new benchmark for low cost of desalinated water
- **Technological leadership** - first use of IDE's proprietary Pressure Center Design, Triple Line Intake, ERS (Energy Recovery System) and a unique, patented Boron Removal System for increased efficiency and significantly reduced water costs
- **Global recognition** - won GWI's "Desalination Plant of The Year" award in 2006



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“The world’s largest SWRO desalination facility that raises the ambition of the whole RO sector...achieved one of the lowest prices for desalinated water in the world...the project’s achievements may take many years to match...”

(Global Water Intelligence Magazine, January 2006)

Overview

- **Capacity:** 396,000 m³/day
- **Technology:** Reverse Osmosis (RO)
- **Project Type:** Build-Operate-Transfer (BOT)
- **Location:** Ashkelon, Israel
- **Footprint:** 70,000 m² (350m x 200m)
- **Commission Date:** 2005

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 m³/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.

