



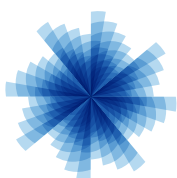
TUTUKA PROJECT

Delivering Cost-Effective, Eco-Friendly Cooling Tower Blowdown Reuse

A cost effective, environmentally friendly solution for cooling water blowdown reduction that achieves 90% water recovery and significantly reduced produced water disposal and environmental impact.

Highlights

- **Technological Leadership** - unique robust horizontal evaporator for continuous reliable operation
- **Cost-Effective** - high quality materials designed for low maintenance and reduced operational costs
- **Environmentally Friendly Solution** - reduced energy consumption
- **Reliable, sustainable and economical solutions built to last**



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“The successful operation of the plant for over 25 years has proven IDE’s reliability and technological leadership, as well as its eco-friendly approach.”

Mike van der Walt, Auxiliary Plant Engineering Manager, Tutuka Power Station, Eskom

Overview

- **Capacity:** 1200 m³/day
- **Technology:** Mechanical Vapor Compression (MVC) Wastewater Concentrator
- **Project Type:** Engineering-Procurement-Construction (EPC)
- **Location:** Tutuka Power Station, South Africa
- **Commission Date:** 1987

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.

