

# Saudi Arabia Desalination Plant Market By Technology (Thermal Technology, Membrane Technology), By End Use Sector (Industrial, Municipal and Others), By Region, Competition Forecast & Opportunities, 2018-2028

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## Abstracts

Saudi Arabia Desalination Plant Market is expected to grow over the course of the forecast period due to factors such as government initiatives like Saudi Vision 2030, increasing government investments, increasing demand for municipal, agricultural, and industrial uses and rising demand for solar powered desalination.

A desalination plant is a type of industrial facility used to reduce or recover salt concentrations from water supplies that are intended for drinking or industrial use. By removing salt from the source water, any metal that comes into touch with the treated water is less likely to experience salt-induced corrosion. This makes the water fit for human consumption. Additionally, desalination plants primarily employ one or more of the following water treatment procedures that includes mechanical vapour compressions, thermal multistage flash distillation, and reverse osmosis.

### Increasing Demand for Solar-Powered Desalination

Along with improved conservation efforts and expanded desalination capability, new approaches to water issues are also being developed. With its breakthroughs in solar-powered desalination facilities, the nation is currently leading the world in transforming the desalination business. Additionally, in 2018 Advanced Water Technology (AWT) based in Saudi Arabia completed the first major solar-powered desalination facility in the world. Furthermore, as of 2018, the Kingdom's solar-powered desalination facilities conserved an estimated 1.5 million barrels of oil daily, minimising the consequences of

oil price increases. By utilizing cutting-edge methods and new technologies, enterprises will have the chance to assist Saudi Arabia in resolving its water problems.

### Government Initiatives and Privatization

A key goal of Saudi Arabia's National Transformation Plan and Vision 2030 program is to increase the share of desalinated water generated and held by private businesses. In November 2020, for instance, MEWA (the Saudi Arabian Ministry of Environment, Water, and Agriculture) announced the creation of the Water Transmission and Technologies Company (WTTCO), which will oversee and maintain more than 5,200 miles (8,400 km) of water transmission, distribution, and storage systems in support of the Kingdom's water privatisation and restructuring program. Moreover, the government-run organization is also charged with carrying out Vision 2030's objectives of increased productivity, lower waste, decreased operational costs, and more innovation in the water sector. The WTTCO will also look for more than USD 16 billion in private sector investment in crucial storage and water transmission networks.

### Increasing Desalination Investments

In the water industry specifically, the Saudi Arabia government wants to raise the proportion of desalinated water production that comes from strategic partners like independent water and power companies. Additionally, the government plans to begin working with the private sector on wastewater treatment. Moreover, the National Water Company (NWC) will play a smaller role as the government seeks to increase its service area. The Government is also considering of privatizing NWC. For instance, the National Water Company (NWC) recently announced investment opportunities worth billions more over the next five years in the service, infrastructure development, and water treatment fields for more than 300 water projects in Makkah, Riyadh, Taif, and Jeddah. This investment totals nearly USD6.7 billion.

### Market Segments

Saudi Arabia Desalination Plant Market is segmented based on technology, end use sector, region and competitive landscape. Based on Technology, the market is segmented into thermal technology and membrane technology. Based on end user sector, the market is segmented into Industrial, Municipal and Others.

### Market Players

Saudi Arabia Desalination Plant Market players include ACWA Power, Abunayyan Holding, SAWACO Water Desalination, Wetico, SA'DA Water, Marafiq Power & Water Utility Services, Saudi Water Technology Company, Veolia Water Technologies, Alkhorayef Water and Power Technologies Company, AES Arabia Ltd.

Report Scope:

In this report, Saudi Arabia Desalination Plant Market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Saudi Arabia Desalination Plant Market, By Technology:

Thermal Technology

Membrane Technology

Saudi Arabia Desalination Plant Market, By End User Sector:

Industrial

Municipal

Others

Saudi Arabia Desalination Plant Market, By Region:

Northern & Central Region

Western Region

Eastern Region

Southern Region

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in Saudi Arabia

*Saudi Arabia Desalination Plant Market By Technology (Thermal Technology, Membrane Technology), By End Use Sec...*

Desalination Plant Market.

Available Customizations:

Saudi Arabia Desalination Plant Market with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

## Contents

### 1. Desalination Plant Overview

#### 1.1. Market Definition

#### 1.2. Scope of the Study

## 2. RESEARCH METHODOLOGY

### 2.1. Baseline Methodology

### 2.2. Methodology Followed for Calculation of Market Size

### 2.3. Methodology Followed for Calculation of Market Shares

### 2.4. Methodology Followed for Forecasting

### 2.5. Key Industry Partners

### 2.6. Major Association and Secondary Sources

## 3. EXECUTIVE SUMMARY

## 4. IMPACT OF COVID-19 ON SAUDI ARABIA DESALINATION PLANT MARKET

## 5. GLOBAL DESALINATION PLANT MARKET OVERVIEW

## 6. SAUDI ARABIA DESALINATION PLANT MARKET OUTLOOK

### 6.1. Market Size & Forecast

#### 6.1.1. By Value

### 6.2. Market Share & Forecast

#### 6.2.1. By Technology (Thermal Technology, Membrane Technology)

#### 6.2.2. By End Use Sector (Industrial, Municipal and Others)

#### 6.2.3. By Region

### 6.3. By Company (2022)

### 6.4. Market Map (By Technology, By End User Sector, By Region)

## 7. NORTHERN & CENTRAL REGION DESALINATION PLANT MARKET OUTLOOK

### 7.1. Market Size & Forecast

#### 7.1.1. By Value

### 7.2. Market Share & Forecast

#### 7.2.1. By Technology

#### 7.2.2. By End Use Sector

## **8. WESTERN REGION DESALINATION PLANT MARKET OUTLOOK**

### 8.1. Market Size & Forecast

#### 8.1.1. By Value

### 8.2. Market Share & Forecast

#### 8.2.1. By Technology

#### 8.2.2. By End Use Sector

## **9. EASTERN REGION DESALINATION PLANT MARKET OUTLOOK**

### 9.1. Market Size & Forecast

#### 9.1.1. By Value

### 9.2. Market Share & Forecast

#### 9.2.1. By Technology

#### 9.2.2. By End Use Sector

## **10. SOUTHERN REGION DESALINATION PLANT MARKET OUTLOOK**

### 10.1. Market Size & Forecast

#### 10.1.1. By Value

### 10.2. Market Share & Forecast

#### 10.2.1. By Technology

#### 10.2.2. By End Use Sector

## **11. LIST OF DESALINATION PLANTS ACROSS SAUDI ARABIA**

## **12. MARKET DYNAMICS**

### 12.1. Drivers

### 12.2. Challenges

## **13. MARKET TRENDS AND DEVELOPMENTS**

## **14. SAUDI ARABIA ECONOMIC PROFILE**

## **15. POLICY & REGULATORY LANDSCAPE**

## **16. COMPETITIVE LANDSCAPE**

- 16.1. Company Profiles
  - 16.1.1. ACWA Power
    - 16.1.1.1. Business Overview
    - 16.1.1.2. Recent Developments
    - 16.1.1.3. Financials (If Available)
    - 16.1.1.4. Key Personnel
  - 16.1.2. Abunayyan Holding
    - 16.1.2.1. Business Overview
    - 16.1.2.2. Recent Developments
    - 16.1.2.3. Financials (If Available)
    - 16.1.2.4. Key Personnel
  - 16.1.3. SAWACO Water Desalination
    - 16.1.3.1. Business Overview
    - 16.1.3.2. Recent Developments
    - 16.1.3.3. Financials (If Available)
    - 16.1.3.4. Key Personnel
  - 16.1.4. Wetico
    - 16.1.4.1. Business Overview
    - 16.1.4.2. Recent Developments
    - 16.1.4.3. Financials (If Available)
    - 16.1.4.4. Key Personnel
  - 16.1.5. SA'DA Water
    - 16.1.5.1. Business Overview
    - 16.1.5.2. Recent Developments
    - 16.1.5.3. Financials (If Available)
    - 16.1.5.4. Key Personnel
  - 16.1.6. Marafiq Power & Water Utility Services
    - 16.1.6.1. Business Overview
    - 16.1.6.2. Recent Developments
    - 16.1.6.3. Financials (If Available)
    - 16.1.6.4. Key Personnel
  - 16.1.7. Saudi Water Technology Company
    - 16.1.7.1. Business Overview
    - 16.1.7.2. Recent Developments
    - 16.1.7.3. Financials (If Available)
    - 16.1.7.4. Key Personnel
  - 16.1.8. Veolia Water Technologies
    - 16.1.8.1. Business Overview

- 16.1.8.2. Recent Developments
- 16.1.8.3. Financials (If Available)
- 16.1.8.4. Key Personnel
- 16.1.9. Alkhorayef Water and Power Technologies Company
  - 16.1.9.1. Business Overview
  - 16.1.9.2. Recent Developments
  - 16.1.9.3. Financials (If Available)
  - 16.1.9.4. Key Personnel
- 16.1.10. AES Arabia Ltd
  - 16.1.10.1. Business Overview
  - 16.1.10.2. Recent Developments
  - 16.1.10.3. Financials (If Available)
  - 16.1.10.4. Key Personnel

## **17. STRATEGIC RECOMMENDATIONS**

## **18. ABOUT US & DISCLAIMER**



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