

# Global and United States Solid Oxide Fuel Cell (SOFC) Market Research by Company, Type & Application 2013-2025

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## Abstracts

### SUMMARY

A solid oxide fuel cell (or SOFC) is an electrochemical conversion device that produces electricity directly from oxidizing a fuel. Fuel cells are characterized by their electrolyte material; the SOFC has a solid oxide or ceramic electrolyte. Advantages of this class of fuel cells include high efficiency, long-term stability, fuel flexibility, low emissions, and relatively low cost. The largest disadvantage is the high operating temperature which results in longer start-up times and mechanical and chemical compatibility issues.

Market Segment as follows:

#### By Type

Tubular

Planar

Others

#### By Application

Transportation

Portable & Military

## Stationary

### By Company

Bloom Energy

Siemens Energy

Aisin Seiki

Mitsubishi Heavy Industries

Delphi Corp

GE

Convion

FuelCell Energy

Atrex Energy, Inc

SOLIDpower

ZTEK Corporation

Redox Power Systems

Ceres

Elcogen

The main contents of the report including:

Section 1:

Product definition, type and application, global and United States market overview;

Section 2:

Global and United States Market competition by company;

Section 3:

Global and United States sales revenue, volume and price by type;

Section 4:

Global and United States sales revenue, volume and price by application;

Section 5:

United States export and import;

Section 6:

Company information, business overview, sales data and product specifications;

Section 7:

Industry chain and raw materials;

Section 8:

SWOT and Porter's Five Forces;

Section 9:

Conclusion.

## Contents

### **1 MARKET OVERVIEW**

- 1.1 Market Segment Overview
  - 1.1.1 Product Definition
  - 1.1.2 Market by Type
    - 1.1.2.1 Tubular
    - 1.1.2.2 Planar
    - 1.1.2.3 Others
  - 1.1.3 Market by Application
    - 1.1.3.1 Transportation
    - 1.1.3.2 Portable & Military
    - 1.1.3.3 Stationary
- 1.2 Global and Regional Market Size
  - 1.2.1 Global Overview
  - 1.2.2 United States Overview

### **2 GLOBAL AND REGIONAL MARKET BY COMPANY**

- 2.1 Global
  - 2.1.1 Global Sales by Company
  - 2.1.2 Global Price by Company
- 2.2 United States
  - 2.2.1 United States Sales by Company
  - 2.2.2 United States Price by Company

### **3 GLOBAL AND REGIONAL MARKET BY TYPE**

- 3.1 Global
  - 3.1.1 Global Sales by Type
  - 3.1.2 Global Price by Type
- 3.2 United States
  - 3.2.1 United States Sales by Type
  - 3.2.2 United States Price by Type

### **4 GLOBAL AND REGIONAL MARKET BY APPLICATION**

- 4.1 Global

- 4.1.1 Global Sales by Application
- 4.1.2 Global Price by Application
- 4.2 United States
  - 4.2.1 United States Sales by Application
  - 4.2.2 United States Price by Application

## **5 REGIONAL TRADE**

- 5.1 Export
- 5.2 Import

## **6 KEY MANUFACTURERS**

- 6.1 Bloom Energy
  - 6.1.2 Company Information
  - 6.1.2 Product Specifications
  - 6.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.2 Siemens Energy
  - 6.2.1 Company Information
  - 6.2.2 Product Specifications
  - 6.2.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.3 Aisin Seiki
  - 6.3.1 Company Information
  - 6.3.2 Product Specifications
  - 6.3.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.4 Mitsubishi Heavy Industries
  - 6.4.1 Company Information
  - 6.4.2 Product Specifications
  - 6.4.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.5 Delphi Corp
  - 6.5.1 Company Information
  - 6.5.2 Product Specifications
  - 6.5.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.6 GE
  - 6.6.1 Company Information
  - 6.6.2 Product Specifications
  - 6.6.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.7 Convion
  - 6.7.1 Company Information

- 6.7.2 Product Specifications
- 6.7.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.8 FuelCell Energy
  - 6.8.1 Company Information
  - 6.8.2 Product Specifications
  - 6.8.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.9 Atrex Energy, Inc
  - 6.9.1 Company Information
  - 6.9.2 Product Specifications
  - 6.9.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.10 SOLIDpower
  - 6.10.1 Company Information
  - 6.10.2 Product Specifications
  - 6.10.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.11 ZTEK Corporation
- 6.12 Redox Power Systems
- 6.13 Ceres
- 6.14 Elcogen

## **7 INDUSTRY UPSTREAM**

- 7.1 Industry Chain
- 7.2 Raw Materials

## **8 MARKET ENVIRONMENT**

- 8.1 SWOT
- 8.2 Porter's Five Forces

## **9 CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table Global Market Sales Revenue by Company 2013-2017  
Table Global Market Sales Revenue Share by Company 2013-2017  
Table United States Market Sales Revenue by Company 2013-2017  
Table United States Market Sales Revenue Share by Company 2013-2017  
Table Global Market Sales Revenue by Type 2013-2017  
Table Global Market Sales Revenue Share by Type 2013-2017  
Table United States Market Sales Revenue by Type 2013-2017  
Table United States Market Sales Revenue Share by Type 2013-2017  
Table Global Market Sales Revenue by Application 2013-2017  
Table Global Market Sales Revenue Share by Application 2013-2017  
Table United States Market Sales Revenue by Application 2013-2017  
Table United States Market Sales Revenue Share by Application 2013-2017  
Table United States Export 2013-2017 (Million USD)  
Table United States Import 2013-2017 (Million USD)  
Table Sales Revenue, Cost and Margin of Bloom Energy  
Table Sales Revenue, Cost and Margin of Siemens Energy  
Table Sales Revenue, Cost and Margin of Aisin Seiki  
Table Sales Revenue, Cost and Margin of Mitsubishi Heavy Industries  
Table Sales Revenue, Cost and Margin of Delphi Corp  
Table Sales Revenue, Cost and Margin of GE  
Table Sales Revenue, Cost and Margin of Convion  
Table Sales Revenue, Cost and Margin of FuelCell Energy  
Table Sales Revenue, Cost and Margin of Atrex Energy, Inc  
Table Sales Revenue, Cost and Margin of SOLIDpower  
Table Sales Revenue, Cost and Margin of ZTEK Corporation  
Table Sales Revenue, Cost and Margin of Redox Power Systems  
Table Sales Revenue, Cost and Margin of Ceres  
Table Sales Revenue, Cost and Margin of Elcogen

## List Of Figures

### LIST OF FIGURES

- Figure Tubular Market Size and CAGR 2013-2017 (Million USD)
- Figure Tubular Market Forecast and CAGR 2018-2025 (Million USD)
- Figure Planar Market Size and CAGR 2013-2017 (Million USD)
- Figure Planar Market Forecast and CAGR 2018-2025 (Million USD)
- Figure Others Market Size and CAGR 2013-2017 (Million USD)
- Figure Others Market Forecast and CAGR 2018-2025 (Million USD)
- Figure Transportation Market Size and CAGR 2013-2017 (Million USD)
- Figure Transportation Market Forecast and CAGR 2018-2025 (Million USD)
- Figure Portable & Military Market Size and CAGR 2013-2017 (Million USD)
- Figure Portable & Military Market Forecast and CAGR 2018-2025 (Million USD)
- Figure Stationary Market Size and CAGR 2013-2017 (Million USD)
- Figure Stationary Market Forecast and CAGR 2018-2025 (Million USD)
- Figure Global Solid Oxide Fuel Cell (SOFC) Market Size and CAGR 2013-2017 (Million USD)
- Figure Global Solid Oxide Fuel Cell (SOFC) Market Forecast and CAGR 2018-2025 (Million USD)
- Figure United States Solid Oxide Fuel Cell (SOFC) Market Size and CAGR 2013-2017 (Million USD)
- Figure United States Solid Oxide Fuel Cell (SOFC) Market Forecast and CAGR 2018-2025 (Million USD)
- Figure Global Market Sales Revenue Share by Company in 2017
- Figure United States Market Sales Revenue Share by Company in 2017
- Figure Global Market Sales Revenue Share by Type in 2017
- Figure United States Market Sales Revenue Share by Type in 2017
- Figure Global Market Sales Revenue Share by Application in 2017
- Figure United States Market Sales Revenue Share by Application in 2017
- Figure Industry Chain Overview
- Figure Solid Oxide Fuel Cell (SOFC) SWOT List
- Figure Energy Porter's Five Forces



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