

# **Global Digital Substation Market Size study, by module (Hardware, Scada systems and fiber optic communication network), Type (transmission substation and distribution substation), Industry (utility, metal, mining, oil & gas and transportation) and Regional Forecasts 2018-2025**

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## **Abstracts**

Global digital substation market to reach USD 11.5 billion by 2025.

Global digital substation market is valued approximately USD 6.3 billion in 2017 and is anticipated to grow with a healthy growth rate of more than 7.87% over the forecast period 2018-2025. Increasing technological advancements is considered as key trend for the digital substation market. Additionally, the advent of battery technology to generate electricity is also expected to supplement the growth of the market across the globe.

The digital substation market is significantly driven by the increasing infrastructure development in smart cities. Smart cities enable flexibility and cutting-edge intelligence that would help cities to utilize resources more efficiently to improve everything from air, water quality to transportation, energy and communication systems. According to the Smart America Organization, government would invest \$41 trillion till 2045 with an aim to upgrade their infrastructure to benefit from the IOT. As per the company sources, in February 2015, Intel and the city of san Jose, CA collaborated on public-private partnership project which aims to implement Intel's IoT smart city demonstration platform by launching green vision initiative. This project aims to create environmental sustainability and enhance the quality of life for its citizen. Thus, the market for the digital substation is witnessing growth due to the rising need for replacing aging

infrastructure and rising adoption of digital substations in smart cities. As a result, the adoption of digital substation would increase, contributing towards the growth of the market over the forecast period. Furthermore, growing demand for renewable energy projects offers lucrative growth prospects for the digital substation market. However, high cost of deployment is expected to hinder the growth of the digital substation market during the forecast period.

On the basis of segmentation, the digital substation market is segmented into module, type and industry. Module segment is classified into hardware, Scada systems and fiber optic communication network of which of which hardware module dominates the market. On the basis of type segment, the market report is classified into transmission substation and distribution substation. The industry segment is classified into utility, metal, mining, oil & gas and transportation of which utility industry is one of the leading application areas owing to the high demand-supply gap in energy in most of the developed and developing nations.

The regional analysis of digital substation market is considered for the key regions such as North America, Europe, Asia Pacific, Latin America and ROW. Asia-Pacific dominates the global digital substation market in terms of revenue due to building renewable energy capacity of 175 GW by 2022 and various initiatives taken by government of India to improve its power and energy sector to ensure clean energy generation, which is expected to drive the growth of the digital substation market in APAC. Furthermore, Asia Pacific is expected to emerge as a the fastest growing region during the forecasted period owing to untapped opportunities in this region.

The leading market players mainly include-

ABB

Siemens

General Electric

Schneider Electric

Honeywell

Cisco

Eaton

Emerson

NR Electric

Larsen & Toubro

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

#### By Module

Hardware

Scada systems

Fiber optic communication network

#### By Type

Distribution substation

Transmission substation

#### By Industry

Utility

Metal

Mining

Oil & Gas

Transportation

By Regions:

North America

U.S.

Canada

Europe

UK

Germany

ROE

Asia Pacific

China

India

Japan

ROAPEC

LAMEA

Brazil

Mexico

ROW

Middle East & Africa

Furthermore, years considered for the study are as follows:

Historical year – 2015, 2016

Base year – 2017

Forecast period – 2018 to 2025

Target Audience of the Global Digital Substation Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

## Contents

### **CHAPTER 1. GLOBAL DIGITAL SUBSTATION MARKET DEFINITION AND SCOPE**

- 1.1. Research Objective
- 1.2. Market Definition
- 1.3. Scope of The Study
- 1.4. Years Considered for The Study
- 1.5. Currency Conversion Rates
- 1.6. Report Limitation

### **CHAPTER 2. RESEARCH METHODOLOGY**

- 2.1. Research Process
  - 2.1.1. Data Mining
  - 2.1.2. Analysis
  - 2.1.3. Market Estimation
  - 2.1.4. Validation
  - 2.1.5. Publishing
- 2.2. Research Assumption

### **CHAPTER 3. EXECUTIVE SUMMARY**

- 3.1. Global & Segmental Market Estimates & Forecasts, 2015-2025 (USD Billion)
- 3.2. Key Trends

### **CHAPTER 4. GLOBAL DIGITAL SUBSTATION MARKET DYNAMICS**

- 4.1. Growth Prospects
  - 4.1.1. Drivers
  - 4.1.2. Restraints
  - 4.1.3. Opportunities
- 4.2. Industry Analysis
  - 4.2.1. Porter's 5 Force Model
  - 4.2.2. PEST Analysis
  - 4.2.3. Value Chain Analysis
- 4.3. Analyst Recommendation & Conclusion

### **CHAPTER 5. GLOBAL DIGITAL SUBSTATION MARKET, BY MODULE**

*Global Digital Substation Market Size study, by module (Hardware, Scada systems and fiber optic communication...*

- 5.1. Market Snapshot
- 5.2. Market Performance - Potential Model
- 5.3. Global Digital Substation Market, Sub Segment Analysis
  - 5.3.1. Hardware
    - 5.3.1.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 5.3.1.2. Regional breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 5.3.2. Fibre optic Communication network
    - 5.3.2.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 5.3.2.2. Regional breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 5.3.3. Scada systems
    - 5.3.3.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 5.3.3.2. Regional breakdown estimates & forecasts, 2015-2025 (USD Billion)

## **CHAPTER 6. GLOBAL DIGITAL SUBSTATION MARKET, BY TYPE**

- 6.1. Market Snapshot
- 6.2. Market Performance - Potential Model
- 6.3. Global Digital Substation Market, Sub Segment Analysis
  - 6.3.1. Distribution substation
    - 6.3.1.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 6.3.1.2. Regional breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 6.3.2. Transmission Substation
    - 6.3.2.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 6.3.2.2. Regional breakdown estimates & forecasts, 2015-2025 (USD Billion)

## **CHAPTER 7. GLOBAL DIGITAL SUBSTATION MARKET, BY APPLICATION**

- 7.1. Market Snapshot
- 7.2. Market Performance - Potential Model
- 7.3. Global Digital Substation Market, Sub Segment Analysis
  - 7.3.1. Building Digital Substation
    - 7.3.1.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 7.3.1.2. Regional breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 7.3.2. Home Digital Substation
    - 7.3.2.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 7.3.2.2. Regional breakdown estimates & forecasts, 2015-2025 (USD Billion)

## **CHAPTER 8. GLOBAL DIGITAL SUBSTATION MARKET, BY INDUSTRY**

- 8.1. Market Snapshot
- 8.2. Market Performance - Potential Model
- 8.3. Global Digital Substation Market, Sub Segment Analysis
  - 8.3.1. Utility
    - 8.3.1.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 8.3.1.2. Regional breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 8.3.2. Metal
    - 8.3.2.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 8.3.2.2. Regional breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 8.3.3. Mining
    - 8.3.3.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 8.3.3.2. Regional breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 8.3.4. Oil & Gas
    - 8.3.4.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 8.3.4.2. Regional breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 8.3.5. Transportation
    - 8.3.5.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 8.3.5.2. Regional breakdown estimates & forecasts, 2015-2025 (USD Billion)

## **CHAPTER 9. GLOBAL DIGITAL SUBSTATION MARKET, BY REGIONAL ANALYSIS**

- 9.1. Digital Substation Market, Regional Market Snapshot (2015-2025)
- 9.2. North America Digital Substation Market Snapshot
  - 9.2.1. U.S.
    - 9.2.1.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 9.2.1.2. Module breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 9.2.1.3. Type breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 9.2.1.4. Industry breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 9.2.2. Canada
    - 9.2.2.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 9.2.2.2. Module breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 9.2.2.3. Type breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 9.2.2.4. Industry breakdown estimates & forecasts, 2015-2025 (USD Billion)
- 9.3. Europe Digital Substation Market Snapshot
  - 9.3.1. U.K.
    - 9.3.1.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 9.3.1.2. Module breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 9.3.1.3. Type breakdown estimates & forecasts, 2015-2025 (USD Billion)



- 9.3.1.4. Industry breakdown estimates & forecasts, 2015-2025 (USD Billion)
- 9.3.2. Germany
  - 9.3.2.1. Market estimates & forecasts, 2015-2025 (USD Billion)
  - 9.3.2.2. Module breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 9.3.2.3. Type breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 9.3.2.4. Industry breakdown estimates & forecasts, 2015-2025 (USD Billion)
- 9.3.3. Rest of Europe
  - 9.3.3.1. Market estimates & forecasts, 2015-2025 (USD Billion)
  - 9.3.3.2. Module breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 9.3.3.3. Type breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 9.3.3.4. Industry breakdown estimates & forecasts, 2015-2025 (USD Billion)
- 9.4. Asia Digital Substation Market Snapshot
  - 9.4.1. China
    - 9.4.1.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 9.4.1.2. Module breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 9.4.1.3. Type breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 9.4.1.4. Industry breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 9.4.2. India
    - 9.4.2.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 9.4.2.2. Module breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 9.4.2.3. Type breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 9.4.2.4. Industry breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 9.4.3. Japan
    - 9.4.3.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 9.4.3.2. Module breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 9.4.3.3. Type breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 9.4.3.4. Industry breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 9.4.4. Rest of Asia Pacific
    - 9.4.4.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 9.4.4.2. Module breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 9.4.4.3. Type breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 9.4.4.4. Industry breakdown estimates & forecasts, 2015-2025 (USD Billion)
- 9.5. Latin America Digital Substation Market Snapshot
  - 9.5.1. Brazil
    - 9.5.1.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 9.5.1.2. Module breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 9.5.1.3. Type breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 9.5.1.4. Industry breakdown estimates & forecasts, 2015-2025 (USD Billion)
  - 9.5.2. Mexico

- 9.5.2.1. Market estimates & forecasts, 2015-2025 (USD Billion)
- 9.5.2.2. Module breakdown estimates & forecasts, 2015-2025 (USD Billion)
- 9.5.2.3. Type breakdown estimates & forecasts, 2015-2025 (USD Billion)
- 9.5.2.4. Industry breakdown estimates & forecasts, 2015-2025 (USD Billion)
- 9.6. Rest of The World
  - 9.6.1. Middle East and Africa
    - 9.6.1.1. Market estimates & forecasts, 2015-2025 (USD Billion)
    - 9.6.1.2. Module breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 9.6.1.3. Type breakdown estimates & forecasts, 2015-2025 (USD Billion)
    - 9.6.1.4. Industry breakdown estimates & forecasts, 2015-2025 (USD Billion)

## **CHAPTER 10. COMPETITIVE INTELLIGENCE**

- 10.1. Company Market Share (Subject to Data Availability)
- 10.2. Top Market Strategies
- 10.3. Company Profiles
  - 10.3.1. ABB
    - 10.3.1.1. Overview
    - 10.3.1.2. Financial (Subject to Data Availability)
    - 10.3.1.3. Product Summary
    - 10.3.1.4. Recent Developments
  - 10.3.2. Siemens
  - 10.3.3. General Electric
  - 10.3.4. Schneider Electric
  - 10.3.5. Honeywell
  - 10.3.6. Cisco
  - 10.3.7. Eaton
  - 10.3.8. Emerson
  - 10.3.9. NR Electric
  - 10.3.10. Larsen & Toubro

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