

Utility and Energy Analytics Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global utility and energy analytics market size reached US\$ 2.9 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 7.9 Billion by 2028, exhibiting a growth rate (CAGR) of 18.18% during 2022-2028.

Utility and energy analytics aid in analyzing useful data concerning electricity distribution and consumption in real-time. They also provide inaccessible information on customer consumption patterns, preferences, and decisions. This information helps uncover forecast demand, manage energy constraints effectively, improve regulatory compliance, prevent fraud and loss, and enhance customer satisfaction. It also assists utilities in encouraging electricity conservation. Moreover, leading companies are offering utility and energy analytical solutions that enable utilities to improve operations via a unified and comprehensive view of their assets.

Utility and Energy Analytics Market Trends:

Surging electricity demand due to rapid urbanization, rising global population and the increasing dependence on electrical appliances is propelling utilities around the world to upgrade infrastructure and maximize grid and load efficiency. This, in turn, is resulting in the increasing data volume and complexity and encouraging the adoption of utility and energy analytics across the globe. These analytical devices help companies deliver reliable, safe, and affordable energy. Apart from this, the increasing utilization of smart water meters on account of the rising consumption of potable water for domestic, commercial, and industrial applications are contributing to market growth. Utility and energy analytical devices combine data from smart meters with billing information to predict energy demand. Furthermore, key players are offering solutions that can measure information about an asset, including data history, maintenance records, and

operating conditions. They also provide deep insights into operations, which assist utility companies in shifting from costly time-based asset management to a more informed reliability-based approach. Additionally, as new approaches are significant to meet the present need for performing complex historical analysis and reporting, the demand for utility and energy analytical devices is increasing worldwide.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global utility and energy analytics market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, deployment, application and vertical.

Breakup by Type:

- Solutions
- Services

Breakup by Deployment:

- Cloud-based
- On-premises

Breakup by Application:

- Load Forecasting
- Customer Analytics
- Grid Analytics
- Asset Management
- Smart Meter Analytics
- Others

Breakup by Vertical:

- Oil and Gas
- Renewable Energy
- Nuclear Power
- Electricity
- Water
- Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being ABB Ltd., BuildingIQ Inc., Capgemini SE, International Business Machines Corporation, Oracle Corporation, SAP SE, SAS Institute Inc., Schneider Electric SE, Siemens AG, Salesforce.com Inc., Teradata Corporation and TIBCO Software Inc.

Key Questions Answered in This Report

1. How big is the global utility and energy analytics market?
2. What is the expected growth rate of the global utility and energy analytics market

during 2023-2028?

3. What are the key factors driving the global utility and energy analytics market?
4. What has been the impact of COVID-19 on the global utility and energy analytics market?
5. What is the breakup of the global utility and energy analytics market based on the type?
6. What is the breakup of the global utility and energy analytics market based on the deployment?
7. What is the breakup of the global utility and energy analytics market based on the application?
8. What is the breakup of the global utility and energy analytics market based on the vertical?
9. What are the key regions in the global utility and energy analytics market?
10. Who are the key players/companies in the global utility and energy analytics market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL UTILITY AND ENERGY ANALYTICS MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY TYPE

- 6.1 Solutions
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Services
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast

7 MARKET BREAKUP BY DEPLOYMENT

7.1 Cloud-Based

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 On-Premises

7.2.1 Market Trends

7.2.2 Market Forecast

8 MARKET BREAKUP BY APPLICATION

8.1 Load Forecasting

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Customer Analytics

8.2.1 Market Trends

8.2.2 Market Forecast

8.3 Grid Analytics

8.3.1 Market Trends

8.3.2 Market Forecast

8.4 Asset Management

8.4.1 Market Trends

8.4.2 Market Forecast

8.5 Smart Meter Analytics

8.5.1 Market Trends

8.5.2 Market Forecast

8.6 Others

8.6.1 Market Trends

8.6.2 Market Forecast

9 MARKET BREAKUP BY VERTICAL

9.1 Oil and Gas

9.1.1 Market Trends

9.1.2 Market Forecast

9.2 Renewable Energy

9.2.1 Market Trends

9.2.2 Market Forecast

9.3 Nuclear Power

- 9.3.1 Market Trends
- 9.3.2 Market Forecast
- 9.4 Electricity
 - 9.4.1 Market Trends
 - 9.4.2 Market Forecast
- 9.5 Water
 - 9.5.1 Market Trends
 - 9.5.2 Market Forecast
- 9.6 Others
 - 9.6.1 Market Trends
 - 9.6.2 Market Forecast

10 MARKET BREAKUP BY REGION

- 10.1 North America
 - 10.1.1 United States
 - 10.1.1.1 Market Trends
 - 10.1.1.2 Market Forecast
 - 10.1.2 Canada
 - 10.1.2.1 Market Trends
 - 10.1.2.2 Market Forecast
- 10.2 Asia-Pacific
 - 10.2.1 China
 - 10.2.1.1 Market Trends
 - 10.2.1.2 Market Forecast
 - 10.2.2 Japan
 - 10.2.2.1 Market Trends
 - 10.2.2.2 Market Forecast
 - 10.2.3 India
 - 10.2.3.1 Market Trends
 - 10.2.3.2 Market Forecast
 - 10.2.4 South Korea
 - 10.2.4.1 Market Trends
 - 10.2.4.2 Market Forecast
 - 10.2.5 Australia
 - 10.2.5.1 Market Trends
 - 10.2.5.2 Market Forecast
 - 10.2.6 Indonesia
 - 10.2.6.1 Market Trends

- 10.2.6.2 Market Forecast
- 10.2.7 Others
 - 10.2.7.1 Market Trends
 - 10.2.7.2 Market Forecast
- 10.3 Europe
 - 10.3.1 Germany
 - 10.3.1.1 Market Trends
 - 10.3.1.2 Market Forecast
 - 10.3.2 France
 - 10.3.2.1 Market Trends
 - 10.3.2.2 Market Forecast
 - 10.3.3 United Kingdom
 - 10.3.3.1 Market Trends
 - 10.3.3.2 Market Forecast
 - 10.3.4 Italy
 - 10.3.4.1 Market Trends
 - 10.3.4.2 Market Forecast
 - 10.3.5 Spain
 - 10.3.5.1 Market Trends
 - 10.3.5.2 Market Forecast
 - 10.3.6 Russia
 - 10.3.6.1 Market Trends
 - 10.3.6.2 Market Forecast
 - 10.3.7 Others
 - 10.3.7.1 Market Trends
 - 10.3.7.2 Market Forecast
- 10.4 Latin America
 - 10.4.1 Brazil
 - 10.4.1.1 Market Trends
 - 10.4.1.2 Market Forecast
 - 10.4.2 Mexico
 - 10.4.2.1 Market Trends
 - 10.4.2.2 Market Forecast
 - 10.4.3 Others
 - 10.4.3.1 Market Trends
 - 10.4.3.2 Market Forecast
- 10.5 Middle East and Africa
 - 10.5.1 Market Trends
 - 10.5.2 Market Breakup by Country

10.5.3 Market Forecast

11 SWOT ANALYSIS

- 11.1 Overview
- 11.2 Strengths
- 11.3 Weaknesses
- 11.4 Opportunities
- 11.5 Threats

12 VALUE CHAIN ANALYSIS

13 PORTERS FIVE FORCES ANALYSIS

- 13.1 Overview
- 13.2 Bargaining Power of Buyers
- 13.3 Bargaining Power of Suppliers
- 13.4 Degree of Competition
- 13.5 Threat of New Entrants
- 13.6 Threat of Substitutes

14 PRICE ANALYSIS

15 COMPETITIVE LANDSCAPE

- 15.1 Market Structure
- 15.2 Key Players
- 15.3 Profiles of Key Players
 - 15.3.1 ABB Ltd.
 - 15.3.1.1 Company Overview
 - 15.3.1.2 Product Portfolio
 - 15.3.1.3 Financials
 - 15.3.1.4 SWOT Analysis
 - 15.3.2 BuildingIQ Inc.
 - 15.3.2.1 Company Overview
 - 15.3.2.2 Product Portfolio
 - 15.3.2.3 Financials
 - 15.3.3 Capgemini SE
 - 15.3.3.1 Company Overview

- 15.3.3.2 Product Portfolio
- 15.3.3.3 Financials
- 15.3.3.4 SWOT Analysis
- 15.3.4 International Business Machines Corporation
 - 15.3.4.1 Company Overview
 - 15.3.4.2 Product Portfolio
 - 15.3.4.3 Financials
 - 15.3.4.4 SWOT Analysis
- 15.3.5 Oracle Corporation
 - 15.3.5.1 Company Overview
 - 15.3.5.2 Product Portfolio
 - 15.3.5.3 Financials
 - 15.3.5.4 SWOT Analysis
- 15.3.6 SAP SE
 - 15.3.6.1 Company Overview
 - 15.3.6.2 Product Portfolio
 - 15.3.6.3 Financials
 - 15.3.6.4 SWOT Analysis
- 15.3.7 SAS Institute Inc.
 - 15.3.7.1 Company Overview
 - 15.3.7.2 Product Portfolio
 - 15.3.7.3 SWOT Analysis
- 15.3.8 Schneider Electric SE
 - 15.3.8.1 Company Overview
 - 15.3.8.2 Product Portfolio
 - 15.3.8.3 Financials
 - 15.3.8.4 SWOT Analysis
- 15.3.9 Siemens AG
 - 15.3.9.1 Company Overview
 - 15.3.9.2 Product Portfolio
 - 15.3.9.3 Financials
 - 15.3.9.4 SWOT Analysis
- 15.3.10 Salesforce.com Inc.
 - 15.3.10.1 Company Overview
 - 15.3.10.2 Product Portfolio
 - 15.3.10.3 Financials
 - 15.3.10.4 SWOT Analysis
- 15.3.11 Teradata Corporation
 - 15.3.11.1 Company Overview

- 15.3.11.2 Product Portfolio
- 15.3.11.3 Financials
- 15.3.11.4 SWOT Analysis
- 15.3.12 TIBCO Software Inc.
 - 15.3.12.1 Company Overview
 - 15.3.12.2 Product Portfolio
 - 15.3.12.3 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Utility and Energy Analytics Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Utility and Energy Analytics Market Forecast: Breakup by Type (in Million US\$), 2023-2028

Table 3: Global: Utility and Energy Analytics Market Forecast: Breakup by Deployment (in Million US\$), 2023-2028

Table 4: Global: Utility and Energy Analytics Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 5: Global: Utility and Energy Analytics Market Forecast: Breakup by Vertical (in Million US\$), 2023-2028

Table 6: Global: Utility and Energy Analytics Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 7: Global: Utility and Energy Analytics Market: Competitive Structure

Table 8: Global: Utility and Energy Analytics Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Utility and Energy Analytics Market: Major Drivers and Challenges

Figure 2: Global: Utility and Energy Analytics Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Utility and Energy Analytics Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: Utility and Energy Analytics Market: Breakup by Type (in %), 2022

Figure 5: Global: Utility and Energy Analytics Market: Breakup by Deployment (in %), 2022

Figure 6: Global: Utility and Energy Analytics Market: Breakup by Application (in %), 2022

Figure 7: Global: Utility and Energy Analytics Market: Breakup by Vertical (in %), 2022

Figure 8: Global: Utility and Energy Analytics Market: Breakup by Region (in %), 2022

Figure 9: Global: Utility and Energy Analytics (Solutions) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 10: Global: Utility and Energy Analytics (Solutions) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 11: Global: Utility and Energy Analytics (Services) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 12: Global: Utility and Energy Analytics (Services) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 13: Global: Utility and Energy Analytics (Cloud-based) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 14: Global: Utility and Energy Analytics (Cloud-based) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 15: Global: Utility and Energy Analytics (On-premises) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 16: Global: Utility and Energy Analytics (On-premises) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 17: Global: Utility and Energy Analytics (Load Forecasting) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 18: Global: Utility and Energy Analytics (Load Forecasting) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 19: Global: Utility and Energy Analytics (Customer Analytics) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 20: Global: Utility and Energy Analytics (Customer Analytics) Market Forecast:

Sales Value (in Million US\$), 2023-2028

Figure 21: Global: Utility and Energy Analytics (Grid Analytics) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 22: Global: Utility and Energy Analytics (Grid Analytics) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 23: Global: Utility and Energy Analytics (Asset Management) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 24: Global: Utility and Energy Analytics (Asset Management) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 25: Global: Utility and Energy Analytics (Smart Meter Analytics) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 26: Global: Utility and Energy Analytics (Smart Meter Analytics) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 27: Global: Utility and Energy Analytics (Other Applications) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 28: Global: Utility and Energy Analytics (Other Applications) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 29: Global: Utility and Energy Analytics (Oil and Gas) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 30: Global: Utility and Energy Analytics (Oil and Gas) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 31: Global: Utility and Energy Analytics (Renewable Energy) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 32: Global: Utility and Energy Analytics (Renewable Energy) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 33: Global: Utility and Energy Analytics (Nuclear Power) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 34: Global: Utility and Energy Analytics (Nuclear Power) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 35: Global: Utility and Energy Analytics (Electricity) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 36: Global: Utility and Energy Analytics (Electricity) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 37: Global: Utility and Energy Analytics (Water) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 38: Global: Utility and Energy Analytics (Water) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 39: Global: Utility and Energy Analytics (Other Verticals) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 40: Global: Utility and Energy Analytics (Other Verticals) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 41: North America: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 42: North America: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 43: United States: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 44: United States: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 45: Canada: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 46: Canada: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 47: Asia-Pacific: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 48: Asia-Pacific: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 49: China: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 50: China: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 51: Japan: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 52: Japan: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 53: India: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 54: India: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 55: South Korea: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 56: South Korea: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 57: Australia: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 58: Australia: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 59: Indonesia: Utility and Energy Analytics Market: Sales Value (in Million US\$),

2017 & 2022

Figure 60: Indonesia: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 61: Others: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 62: Others: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 63: Europe: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 64: Europe: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 65: Germany: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 66: Germany: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 67: France: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 68: France: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 69: United Kingdom: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 70: United Kingdom: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 71: Italy: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 72: Italy: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 73: Spain: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 74: Spain: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 75: Russia: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 76: Russia: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 77: Others: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 78: Others: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 79: Latin America: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 80: Latin America: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 81: Brazil: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 82: Brazil: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 83: Mexico: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 84: Mexico: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 85: Others: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 86: Others: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 87: Middle East and Africa: Utility and Energy Analytics Market: Sales Value (in Million US\$), 2017 & 2022

Figure 88: Middle East and Africa: Utility and Energy Analytics Market: Breakup by Country (in %), 2022

Figure 89: Middle East and Africa: Utility and Energy Analytics Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 90: Global: Utility and Energy Analytics Industry: SWOT Analysis

Figure 91: Global: Utility and Energy Analytics Industry: Value Chain Analysis

Figure 92: Global: Utility and Energy Analytics Industry: Porter's Five Forces Analysis

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