



The energy and utilities analytics market is expected to grow at a CAGR of 13.5% during the forecasting period 2018-2023

The advent of smart revolution has brought in major transformation among the energy and utilities companies, all over the world.

HYDERABAD, TELANGANA, INDIA, September 4, 2018 /EINPresswire.com/ -- The Transformation of Utilities Value Chain through Analytics

The advent of smart revolution has brought in major transformation among the energy and utilities companies, all over the world. The growing concerns over environmental impacts, reducing operation costs, ever growing demand, changing regulatory policies and heavy competition have compelled the industry leaders to rethink their strategies. Industry leaders are turning towards [utilities analytics](#) in search for addressing at least a few of the challenges such as operating efficiencies, maintaining consumer demand and minimizing losses.

Utilities are continuously searching for ways to upgrade and install analytics into their business operations right from generation to the end users. But due to the presence of old age infrastructure, placements in harsh environments and long operation life lines of plants, companies have to undergo a tedious process to implement changes for collecting reliable data and improve operational efficiency. At the source, power plants collect a wide magnitude of data from various data points, such as asset management systems, control and monitoring systems, readings from power generators. By employing predictive analytics companies are able to leverage the past data to provide real time analysis, helping utilities in forecasting generation capacity.

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<https://industryarc.com/Report/16309/energy-utility-analytics-market.html>

The grids are a complex system of transmission lines that transmit electricity from power plants, wind turbines, solar plants and other renewable sources to the end consumers. Until a decade ago, majority of electricity was produced at a power plant, resulting in a constant supply to its grids and further on. However, increasing demand, varying consumption patterns and high production costs are pushing utility providers to embrace renewable energies, requiring the electrical grids to be more flexible and dynamic.

Renewables, such as solar energy and wind are environmental friendly but the power generation vastly varies and heavily depends on environmental factors. Grids are very expensive units and have a long lifetime, the difference in varying power distributions from traditional and renewable sources affect the performance and reduce the lifespan. With the help of analytics and technology, smart grids are providing a solution in helping and identifying which grids are experiencing overloads, at what time and where. Also, by employing advanced metering infrastructure (AMI) it makes it easier for companies to track and identify a series of solutions to protect their investment in the unit.

Industry experts and business leaders are rating customers' experiences as their first priority in the coming years. Today's consumers are well-informed and aware of the inevitable

environmental challenges, opting an energy saving route, whenever possible. The smart meters are step towards the right direction- customers would be able to view their utilities consumption, can compare rate options, and calculate energy efficiency and how to save money. Data analytics will help utilities understand their energy preferences and energy related choices and enable them to enhance their customer experience.

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<https://industryarc.com/support.php?id=16309>

Energy and Utilities Analytics market report is segmented as indicated below

1. Energy and Utilities Analytics Market – By Deployment

- 1.1. Introduction
- 1.2. On Premises
- 1.3. Cloud
- 1.4. Hybrid

2. Energy and Utilities Analytics Market – By Type

- 2.1. Introduction
- 2.2. Software
 - 2.2.1. Asset Management Analytics
 - 2.2.2. Collection Analytics
 - 2.2.3. Smart Meter Analytics
 - 2.2.4. Customer Analytics
 - 2.2.5. Others
- 2.3. Service
 - 2.3.1. Customer Management Service
 - 2.3.2. Meter to Cash
 - 2.3.3. Operational Business Intelligence
 - 2.3.4. Advisory Services
 - 2.3.5. Others

3. Energy and Utilities Analytics Market – By Analytics

- 3.1. Introduction
- 3.2. Predictive
- 3.3. Big Data
- 3.4. Descriptive
- 3.5. Diagnostic
- 3.6. Prescriptive

4. Energy and Utilities Analytics Market – By Application

- 4.1. Introduction
- 4.2. Load Research and Forecasting
- 4.3. Meter Operation and Optimization
- 4.4. Transmission and Distribution Management
- 4.5. Predictive Maintenance
- 4.6. Workforce Management
- 4.7. Emergency Response Management

5. Energy and Utilities Analytics Market – By Vertical

- 5.1. Introduction
- 5.2. Energy
 - 5.2.1. Oil
 - 5.2.2. Gas
 - 5.2.3. Electricity
 - 5.2.4. Coal

- 5.2.5. Nuclear
- 5.2.6. Renewables
- 5.2.7. Others
- 5.3. Utilities
- 5.3.1. Water
- 5.3.2. Electricity
- 5.3.3. Waste and Recycles

- 6. Energy and Utilities Analytics Market – By Market Entropy
- 7. Energy and Utilities Analytics Market – By Geography

Companies Cited/Interviewed/Referenced

Capgemini
Cisco Systems
Eaton Corporation
Ericsson
Intel Corporation
Siemens
Heliopower
IBM Corporation
Oracle Corporation
SAP SE
Company 15+

Related Reports:

A. Dark Analytics Market

<https://industryarc.com/Report/17942/dark-analytics-market.html>

B. Retail Analytics Market

<https://industryarc.com/Report/15357/retail-analytics-market.html>

What can you expect from the report?

The Energy & Utility Analytics Market Report is Prepared with the Main Agenda to Cover the following 20 points:

1. Market Size by Product Categories
2. Market trends
3. Manufacturer Landscape
4. Distributor Landscape
5. Pricing Analysis
6. Top 10 End user Analysis
7. Product Benchmarking
8. Product Developments
9. Mergers & Acquisition Analysis
10. Patent Analysis
11. Demand Analysis (By Revenue & Volume)
12. Country level Analysis (15+)
13. Competitor Analysis
14. Market Shares Analysis
15. Value Chain Analysis
16. Supply Chain Analysis
17. Strategic Analysis
18. Current & Future Market Landscape Analysis
19. Opportunity Analysis
20. Revenue and Volume Analysis

Frequently Asked Questions:

Q. Does IndustryARC publish country, or application based reports in Energy & Utility Analytics Market?

Response: Yes, we do have separate reports and database as mentioned below:

1. North America Energy & Utility Analytics Market (2018-2023)
2. South America Energy & Utility Analytics Market (2018-2023)
3. Europe Energy & Utility Analytics Market (2018-2023)
4. Asia Pacific Energy & Utility Analytics Market (2018-2023)
5. Middle East and Africa Energy & Utility Analytics Market (2018-2023)
- 6.
7. Hybrid Energy & Utility Analytics Market (2018-2023)
8. Software Energy & Utility Analytics Market (2018-2023)
9. Big Data Analytics in Energy & Utility Analytics Market (2018-2023)
10. Workforce Management market in Energy & Utility Analytics Market (2018-2023)
11. Nuclear Market in Energy & Utility Analytics Market (2018-2023)

Q. Does IndustryARC provide customized reports and charge additionally for limited customization?

Response: Yes, we can customize the report by extracting data from our database of reports and annual subscription databases. We can provide the following free customization

1. Increase the level of data in application or end user industry.
2. Increase the number of countries in geography or product chapter.
3. Find out market shares for other smaller companies or companies which are of interest to you.
4. Company profiles can be requested based on your interest.
5. Patent analysis, pricing, product analysis, product benchmarking, value and supply chain analysis can be requested for a country or end use segment.

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We look forward to support the client to be able to better address their customer needs, stay ahead in the market, become the top competitor and get real-time recommendations on business strategies and deals. Contact us to find out how we can help you today.

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