

# **Prepaid Electricity Metering Market Report by Type (Thin Meter Based Solutions, Thick Meter Based Solutions), Component (Hardware, Software, Services), Phase (Single Phase, Three Phase), End User (Commercial, Industrial, Residential), and Region 2024-2032**

<https://marketpublishers.com/r/P9194DE4D590EN.html>

Date: March 2024

Pages: 138

Price: US\$ 3,899.00 (Single User License)

ID: P9194DE4D590EN

## **Abstracts**

The global prepaid electricity metering market size reached US\$ 6.2 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 11.3 Billion by 2032, exhibiting a growth rate (CAGR) of 6.7% during 2024-2032.

The efficient utilization of electricity currently represents one of the biggest concerns around the world. This has resulted in a shift from convention electromechanical meters to prepaid electricity meters as they provide better security and control and enable users to pay for electricity in advance as well as keep track of the electricity consumed. Besides this, prepaid electricity meters help minimize the gap between the cost of power supply and revenue realized by ensuring timely payments. Consequently, their utilization is increasing in both the emerging and developed economies.

### **Prepaid Electricity Metering Market Trends:**

At present, there is a significant rise in the demand for energy security across the globe. As energy conservation and efficient utilization of power are key aspects of energy security, there is an increase in the overall sales of prepaid electricity meters across the globe. These meters instantly provide data of power consumption, which is then analyzed by users to control the use and stabilize energy demands. Besides this, prepaid electricity meters are getting more preference, especially in emerging economies, as the leading electricity firms are focusing on reducing their financial

losses due to consumers' reluctance or inability to make bill payments on time. Furthermore, governments of numerous countries are mandating the utilization of prepaid electricity meters to minimize human intervention in metering, billing and collection.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global prepaid electricity metering market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on type, component, phase and end user.

#### Breakup by Type:

Thin Meter Based Solutions  
Thick Meter Based Solutions

#### Breakup by Component:

Hardware  
Software  
Services

#### Breakup by Phase:

Single Phase  
Three Phase

#### Breakup by End User:

Commercial  
Industrial  
Residential

#### 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 report has also analysed the competitive landscape of the market with some of the key players being Accenture Plc, Aclara Technologies LLC (Hubbell Incorporated), Calico Energy Inc., Elster Group GmbH (Honeywell International Inc.), Exceleron Software LLC, HCL Technologies Limited, Infosys Limited, Itron Inc., KAMSTRUP A/S, Landis+Gyr, Oracle Corporation, PayGo Electric, Siemens AG and Wipro Limited.

#### Key Questions Answered in This Report

1. What was the size of the global prepaid electricity metering market in 2023?
2. What is the expected growth rate of the global prepaid electricity metering market during 2024-2032?
3. What are the key factors driving the global prepaid electricity metering market?
4. What has been the impact of COVID-19 on the global prepaid electricity metering market?
5. What is the breakup of the global prepaid electricity metering market based on the type?
6. What is the breakup of the global prepaid electricity metering market based on the

component?

7. What is the breakup of the global prepaid electricity metering market based on the phase?

8. What is the breakup of the global prepaid electricity metering market based on the end user?

9. What are the key regions in the global prepaid electricity metering market?

10. Who are the key players/companies in the global prepaid electricity metering market?

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