

Telecom Power Rental Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

<https://marketpublishers.com/r/T7EC76C7FA6BEN.html>

Date: December 2024

Pages: 100

Price: US\$ 4,850.00 (Single User License)

ID: T7EC76C7FA6BEN

Abstracts

The Global Telecom Power Rental Market achieved a valuation of USD 1.7 billion in 2024 and is anticipated to grow at a CAGR of 3.6% from 2025 to 2034. This growth is fueled by the rising demand for temporary power solutions during network upgrades and the critical need for uninterrupted communication and data exchange. As infrastructure development accelerates across key regions, there is an increasing preference for rental power systems to meet escalating electricity demands. Furthermore, the expanding power requirements associated with 5G infrastructure are set to bolster the market's outlook significantly.

Telecom power rental systems with power ratings between 75 kVA and 375 kVA are forecasted to generate USD 750 million by 2034. This growth is underpinned by the rapid adoption of cloud-based telecom services and the expansion of machine-to-machine communication networks. Additionally, the rising frequency of extreme weather events, such as storms and cyclones, is driving the need for reliable power systems to ensure continuous operations. Supportive regulatory frameworks and a sustained demand for advanced power solutions in the telecom sector are expected to create favorable market conditions.

The standby telecom power rental segment is projected to grow at a steady rate of 3% through 2034. The need for reliable power supply in remote areas with limited grid access is a major factor propelling this growth. Increased investment in telecom research and development, coupled with the demand for scalable power solutions to support surveillance and monitoring systems, is also fueling market expansion. Moreover, the growing adoption of smart city initiatives powered by telecom infrastructure presents new opportunities for the telecom power rental market.

In the United States, the telecom power rental market is poised to reach USD 500 million by 2034. The rising demand for temporary telecom services during large-scale global events and the growing reliance on on-demand solutions to support technology rollouts are key growth drivers. Additionally, increasing mobile penetration in underserved areas and the growing trend of telecom infrastructure renting are contributing to market expansion. Enhanced focus on environmental sustainability, stricter emissions regulations, and the integration of advanced control, remote monitoring, and automation technologies are further shaping the future of the telecom power rental industry.

Contents

CHAPTER 1 METHODOLOGY & SCOPE

- 1.1 Market scope & definition
- 1.2 Market estimates & forecast parameters
- 1.3 Forecast calculation
- 1.4 Data sources
 - 1.4.1 Primary
 - 1.4.2 Secondary
 - 1.4.2.1 Paid
 - 1.4.2.2 Public

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Industry synopsis, 2021 - 2034

CHAPTER 3 INDUSTRY INSIGHTS

- 3.1 Industry ecosystem analysis
- 3.2 Regulatory landscape
- 3.3 Industry impact forces
 - 3.3.1 Growth drivers
 - 3.3.2 Industry pitfalls & challenges
- 3.4 Growth potential analysis
- 3.5 Porter's analysis
 - 3.5.1 Bargaining power of suppliers
 - 3.5.2 Bargaining power of buyers
 - 3.5.3 Threat of new entrants
 - 3.5.4 Threat of substitutes
- 3.6 PESTEL analysis

CHAPTER 4 COMPETITIVE LANDSCAPE, 2024

- 4.1 Introduction
- 4.2 Strategic outlook
- 4.3 Innovation & sustainability landscape

CHAPTER 5 MARKET SIZE AND FORECAST, BY POWER RATING, 2021 – 2034

(USD MILLION)

- 5.1 Key trends
- 5.2 ? 75 kVA
- 5.3 > 75 kVA - 375 kVA
- 5.4 > 375 kVA - 750 kVA
- 5.5 > 750 kVA

CHAPTER 6 MARKET SIZE AND FORECAST, BY APPLICATION, 2021 – 2034 (USD MILLION)

- 6.1 Key trends
- 6.2 Standby
- 6.3 Peak shaving
- 6.4 Prime/continuous

CHAPTER 7 MARKET SIZE AND FORECAST, BY FUEL, 2021 – 2034 (USD MILLION)

- 7.1 Key trends
- 7.2 Diesel
- 7.3 Gas
- 7.4 Others

CHAPTER 8 MARKET SIZE AND FORECAST, BY REGION, 2021 – 2034 (USD MILLION)

- 8.1 Key trends
- 8.2 North America
 - 8.2.1 U.S.
 - 8.2.2 Canada
- 8.3 Europe
 - 8.3.1 Russia
 - 8.3.2 UK
 - 8.3.3 Germany
 - 8.3.4 France
 - 8.3.5 Spain
 - 8.3.6 Austria
 - 8.3.7 Italy

8.4 Asia Pacific

8.4.1 China

8.4.2 Australia

8.4.3 India

8.4.4 Japan

8.4.5 South Korea

8.4.6 Indonesia

8.4.7 Malaysia

8.4.8 Thailand

8.4.9 Vietnam

8.4.10 Philippines

8.5 Middle East

8.5.1 Saudi Arabia

8.5.2 UAE

8.5.3 Qatar

8.5.4 Turkiye

8.5.5 Iran

8.5.6 Oman

8.6 Africa

8.6.1 Egypt

8.6.2 Nigeria

8.6.3 Algeria

8.6.4 South Africa

8.6.5 Angola

8.6.6 Kenya

8.6.7 Mozambique

8.7 Latin America

8.7.1 Brazil

8.7.2 Mexico

8.7.3 Argentina

8.7.4 Chile

CHAPTER 9 COMPANY PROFILES

9.1 Aggreko

9.2 APR Energy

9.3 Atlas Copco

9.4 Bredenoord

9.5 Byrne Equipment Rental

- 9.6 Caterpillar
- 9.7 Cummins
- 9.8 Generac Power Systems
- 9.9 Herc Rentals
- 9.10 HIMOINSA
- 9.11 Paikane
- 9.12 Perennial Technologies
- 9.13 Powermak
- 9.14 Rehlko
- 9.15 Shenton Group
- 9.16 Sudhir Power
- 9.17 Teksan
- 9.18 United Rentals

I would like to order

Product name: Telecom Power Rental Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

Product link: <https://marketpublishers.com/r/T7EC76C7FA6BEN.html>

Price: US\$ 4,850.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/T7EC76C7FA6BEN.html>