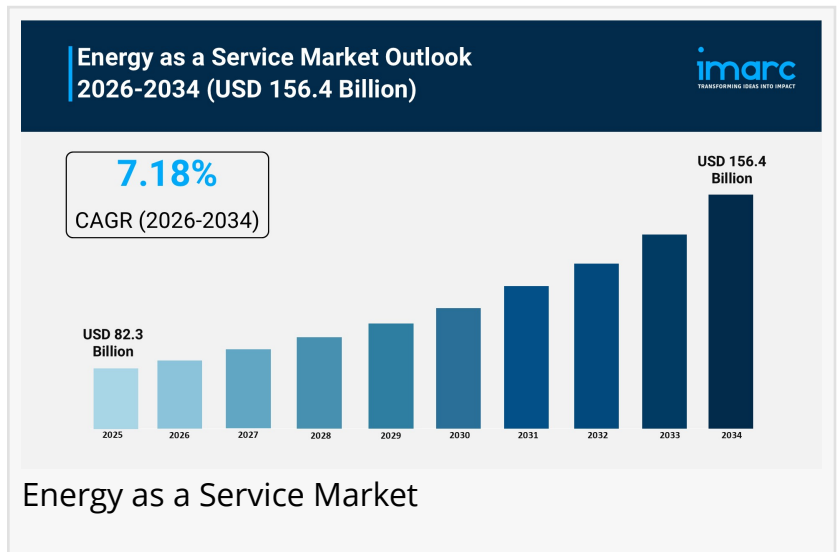


Energy as a Service Market to Reach USD 156.4 Billion by 2034, Growing at 7.18% CAGR | IMARC Group

IMARC Group expects the market to reach USD 156.4 Billion by 2034, exhibiting a growth rate (CAGR) of 7.18% during 2026-2034.

SHERIDAN, WY, UNITED STATES, May 8, 2026 /EINPresswire.com/ -- The global energy as a service market size reached USD 82.3 Billion in 2025 and is projected to reach USD 156.4 Billion by 2034, expanding at a CAGR of 7.18% during 2026–2034, according to the latest market research report by IMARC Group.

Growth is anchored by North America's regional dominance, Energy Supply Services holding the largest service-type share, and rising enterprise adoption driven by smart grid modernization, renewable energy integration, and demand for flexible, subscription-based energy models.



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directly reinforcing the EaaS infrastructure backbone and enabling providers to deliver more adaptive, technology-driven energy solutions.

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Organizations striving to meet net-zero commitments are turning to EaaS to access solar, wind, and hydropower without the capital burden of direct infrastructure ownership. A compelling recent example is the SecuRE Negros initiative in the Philippines, where all local government units of Negros Occidental committed to solar energy deployment through a partnership with WeGen Energy targeting 40% of overall government energy requirements through service agreements, with no upfront expenditure required.

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EaaS providers are increasingly deploying artificial intelligence and Internet of Things (IoT) platforms to deliver real-time monitoring, predictive analytics, and automated demand-response capabilities. Tata Consultancy Services (TCS), for instance, showcased its EaaS platform at DTECH Northeast, offering utilities and large commercial and industrial consumers tools for renewable asset management, power trading, and performance-optimized energy monitoring a clear signal of the sector's digital maturation.

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Institutional capital is flowing rapidly into EaaS platforms. Redaptive's announcement of a \$650 million credit facility from CDPQ and Nuveen in May 2025 to expand its Energy-as-a-Service infrastructure exemplifies the growing institutional confidence in the sector's long-term returns. Such capital deployments are enabling large-scale rollouts of energy-efficient and AI-integrated solutions across enterprise portfolios globally.

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EaaS providers are actively penetrating new geographies. Turbo Energy S.A.'s March 2025 expansion into Chile introducing an AI-powered solar EaaS model enabling commercial clients to adopt renewable solutions with no upfront costs illustrates the accelerating geographic diversification of service-oriented energy delivery beyond traditional Western markets.

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Energy Supply Services

- Energy Supply Services – Market-leading segment
- Maintenance and Operation Services
- Energy Efficiency and Optimization Services

Energy Supply Services dominate, driven by their ability to provide tailored, scalable, and dependable energy access while integrating diverse renewable sources. Their customizable pricing structures and proven reliability across commercial and industrial verticals establish them as the foundational pillar of the EaaS ecosystem.

Commercial and Industrial

- Commercial – Largest segment (heating, cooling, lighting, electronics)
- Industrial

The commercial sector leads end-user adoption, reflecting the intensifying energy requirements of commercial buildings and complexes. EaaS solutions cater specifically to commercial consumption patterns optimizing heating, cooling, lighting, and electronics while helping businesses comply with environmental regulations and manage costs through demand-response strategies and renewable integration.

Regional Market Dynamics

North America

North America holds the dominant regional position in the global energy as a service market. The region's leadership is underpinned by sophisticated technological infrastructure, significant investment in renewable energy, and a highly favorable regulatory environment. North American corporations are among the most active adopters of EaaS solutions for sustainability goal achievement, and the region's strong economy enables continued investment in smart grid modernization, IoT-integrated energy management, and AI-driven efficiency platforms.

Europe

Europe represents a high-growth market driven by aggressive decarbonization targets, mandatory emissions regulations, and government-backed energy transition programs. The UK's Great Grid Partnership and comparable EU-level investments are accelerating EaaS infrastructure development across the continent.

Asia Pacific

Asia Pacific is rapidly emerging as a critical growth frontier, with China, Japan, India, South Korea,

Australia, and Indonesia all scaling investment in clean energy transitions and smart grid development. The region's manufacturing-intensive industrial base presents a significant opportunity for EaaS operators targeting large-scale operational energy optimization.

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Latin America is experiencing accelerating EaaS adoption, with Brazil, Mexico, and emerging markets like Chile leading the regional uptake. Service-oriented solar deployment models exemplified by Turbo Energy's 2025 Chile expansion are proving instrumental in enabling renewable energy access without capital barriers.

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The Middle East and Africa region is increasingly embracing EaaS solutions as part of broader energy diversification and infrastructure modernization agendas. Gulf Cooperation Council nations in particular are integrating EaaS frameworks as they pursue ambitious national renewable energy targets.

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- Bernhard LLC
- Électricité de France S.A. (EDF)
- Enel S.p.A.
- Engie SA
- General Electric Company
- Honeywell International Inc.
- Johnson Controls International PLC
- Schneider Electric SE
- Siemens AG
- Veolia Environnement S.A.

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[Portable Generator Market Research Report](#)

[Microgrid Market Research Report](#)

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□ Market projected to grow from USD 82.3 Billion (2025) to USD 156.4 Billion by 2034 at a 7.18% CAGR.

□ Energy Supply Services leads service-type segmentation, driven by scalability, renewable integration, and transparent pricing.

□ Commercial end users represent the largest and most active adopter segment.

□ North America dominates the regional landscape, backed by strong technology infrastructure and regulatory support.

□ Smart grid modernization, AI-driven energy management, and large-scale capital investment are reshaping the sector.

□ Redaptive secured a \$650 million credit facility in 2025, highlighting strong institutional confidence in EaaS platforms.

□ Emerging markets in Latin America and Asia Pacific represent high-potential growth corridors for service-model energy delivery.

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IMARC Group is a leading market research company that offers management strategy and market research worldwide. The company partners with clients across all sectors and regions to identify their highest-value opportunities, address their most critical challenges, and transform their businesses. IMARC's information products cover major market, scientific, economic, and technological developments for business leaders in energy, industrial, technology, and high-growth organizations.

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