

Energy Efficiency Global Products and Services Markets

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Abstracts

The global energy efficiency (EE) market encompasses product and service markets that enable residential, commercial and industrial energy consumers to use less energy and save money. EE products include EE building goods, EE appliances, EE consumer electronics, smart meters, EE lighting, motor efficiency controllers, power management software and EE vehicles. EE services encompass smart grid, demand response, cloud computing and consulting and auditing services and also include energy service companies (ESCOs).

SBI Energy estimates in 2012, the total global energy efficiency market totaled a hefty \$595.45 billion. Although growth slipped a bit during the global recession of 2008-2009, business has picked back up and many market segments are now thriving. The future of the global EE market remains bright, as some segments enjoy especially prosperous growth. Smart meters are projected to experience a near 732.9% hike between 2012 and 2023, while EE appliances are expected to grow nearly 574% in the same time period.

A number of driving and inhibitory factors are affecting growth in this many-faceted market, some impacting the market as a whole and others only specific market segments. One of the most noteworthy factors influencing the total EE market is an increase in the number and stringency of regulations and other EE requirements around the world. This movement has helped to spur growth in many EE markets, as governments, manufacturers, businesses and others strive to reduce energy use in order to meet the new standards.

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Smart Meters

Lighting

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COMMERCIAL EE PRODUCTS AND SERVICES REACHES \$170.51 BILLION

INDUSTRIAL EE PRODUCTS AND SERVICES EXCEEDS \$290 BILLION

GLOBAL MARKET FOR EE PRODUCTS CALCULATED AT \$399 BILLION IN 2012

GLOBAL MARKET FOR EE BUILDING PRODUCTS TOTALS \$97 BILLION IN 2012

GLOBAL MARKET FOR EE APPLIANCES RESTS AT \$74 BILLION

GLOBAL MARKET FOR EE CONSUMER ELECTRONICS LEVELS AT \$63 BILLION

GLOBAL MARKET FOR SMART METERS APPROACHES \$6.48 BILLION IN 2012

GLOBAL MARKET FOR EE LIGHTING RISES TO \$15.5 BILLION IN 2012

GLOBAL MARKET FOR MOTOR EFFICIENCY CONTROLLERS NEARS \$10 BILLION

GLOBAL MARKET FOR POWER MANAGEMENT SOFTWARE AT \$.72 BILLION

GLOBAL MARKET FOR EE VEHICLES ESTIMATED AT \$40 BILLION IN 2012

GLOBAL MARKET FOR EE SERVICES MEASURED AT \$205 BILLION IN 2012

GLOBAL MARKET FOR SMART GRID SERVICES EQUALS \$1.64 BILLION

GLOBAL MARKET FOR COGENERATION SERVICES ADDS UP TO \$2.5 BILLION

GLOBAL MARKET FOR CLOUD COMPUTING SERVICES TOTALS \$52 BILLION

MARKET FOR EE CONSULTING/AUDITING SERVICES PASSES \$80 BILLION

GLOBAL MARKET FOR ESCO SERVICES CALCULATED AT \$30 BILLION

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MARKET FOR EE PRODUCTS AND SERVICES REACHES \$3.3 TRILLION

RESIDENTIAL EE PRODUCTS AND SERVICES NEARS \$724 BILLION IN 2023

COMMERCIAL EE PRODUCTS & SERVICES ADDS UP TO \$870 BILLION

INDUSTRIAL EE PRODUCTS AND SERVICES NEARS \$1.3 TRILLION IN 2023

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GLOBAL MARKET FOR EE SERVICES MEASURED AT \$1.2 TRILLION IN 2023

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UNITED STATES

UNITED KINGDOM

INDIA

GERMANY

JAPAN

FRANCE

BRAZIL

ITALY
RUSSIA
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Consumer Desire to Go Green Not Entirely Pure

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ASSOCIATIONS, ORGANIZATIONS, EXPOS & CONVENTIONS FUEL GROWTH

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Building Efficiency Products

EE Appliances

Consumer Electronics

Smart Meters

EE Lighting

Motor Efficiency Controllers

Power Management Software

EE Vehicles

OVERVIEW: ENERGY EFFICIENCY SERVICE MARKETS

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