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Pune, India -- (SBWire) -- 06/27/2019 -- The floating power plant is a combination of marine technology and power generation. It offers a flexible and decentralized power generation. Floating power plants eliminate the need for infrastructure and pre-feasibility studies, as needed in case of onshore power plants. Floating power plants provide certain advantages such as the fast supply of electricity to areas with limited infrastructure, they can be relocated to the areas where the electricity is needed, these power plants require lesser space as compared to land-based power plants, and provide secure power supply in case of earthquakes and floods. Islands which are deprived of power and cannot build power plants can use floating power plants as a supply method. Existing cargo ship or ship can be used as a floating power plant eliminating the need for investment to be made in new ones.

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On the basis of fuel type, global floating power plant market can be segmented into renewable and non-renewable. Renewable sources are further segmented into solar and wind. Non-renewable are further segmented into gas turbine, IC engine, and others. The shift towards cleaner energy will set the renewable segment to grow in the coming years. On the basis of capacity, global floating power plant market can be segmented into up to 50MW, 50MW – 100MW, 100MW – 300MW, and above 300MW. Depending upon the need the floating power plant delivers the required amount of power.

The major market driver for the global floating power plant market is the growing demand for energy all over the world. Floating power plants give the advantage of mobility and can supply power at peak loads. Also, the economic factors which involve cost savings in infrastructure as compared to onshore plants act as key market drivers for the global floating power plant market.

Key market restraint for the global floating power plant market is the high initial cost involved in the construction and working of the floating power plant. The harmful effects to marine life caused due to offshore power generation also act as key market restraint for the global floating power plant market.

Key Companies Covered In The Report

- MAN Diesel & Turbo SE
- Mitsubishi Corporation
- Wartsila General Electric Company
- Siemens AG
- Caterpillar Inc
- Ciel & Terre International
Regional Analysis:

The global floating power plant market has been segmented into North America, Europe, Asia Pacific, Latin America, and Middle East & Africa. Asia Pacific region is set to dominate the floating power plant market owing to rise in renewable floating power plants in countries such as Japan, China, India, Myanmar, and Indonesia. Europe is also expected to be the fastest growing region in the floating power plant market as the region has the highest offshore wind potential and countries in the region are focusing on energy generation from renewable sources. There has also been an increase in the number of installation taking place in the Middle East region which will see floating power plant market grow in this region. North America is also set to see growth in floating power plants market owing to the deployment of new nuclear plants and solar farms in the city of California in the United States.

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Key Segmental Overview:
- By Fuel Type
- By Capacity
- By Geography

The information used is derived from various primary and secondary sources. It also throws light on some of the major players operating in the market. The report studies profiles of these leading companies and their share in the market. It provides insights on some of the strategies adopted by these companies to survive competition and maintain their stronghold.

Major Table of Content For Lithium-Ion Batteries Market:

1. Introduction
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