

Global Nuclear Moisture Separator Reheater Market Analysis and Forecasts to 2020

"Global Nuclear Moisture Separator Reheater Market Analysis and Forecasts to 2020" is the latest research from GlobalData. This report provides comprehensive information on the market size of moisture separator reheaters used in nuclear power reactors, both at regional and global levels. The moisture separator reheaters, which are included in the study, are used in pressurized water reactors, pressurized heavy water reactors, light water graphite reactors, gas cooled reactors, fast breeder reactors and boiling water reactors. Moisture Separator Reheaters are used between the high pressure turbine outlet and the inlet of low pressure turbine to remove moisture from the steam and reheat it before it enters the low pressure turbines. Moisture Separator Reheaters play a significant role in increasing the thermodynamic efficiency of nuclear power facilities and also protect the low pressure turbine blades from corrosion.

Nuclear Industry Expansion Spurs the Growth of the Moisture Separator Reheater Market

Demand from new and existing nuclear power stations is set to drive the moisture separator reheater market. Currently, 56 new nuclear reactors are under construction across the globe and are expected to come online during the period 2010-2020, which indicates growth in demand for nuclear moisture separator reheaters globally. There will also be demand for moisture separator reheaters in the replacement market as many of the existing reactors will require their replacement once they complete 25-30 years of operational life. In the long-term, most of the demand for moisture separator reheaters will be primarily due to new reactors in the nuclear power producing countries as well as the development potential in emerging nuclear countries.

Europe and the Asia Pacific regions are the potential markets in the Moisture Separator Reheater Market

The European and Asia Pacific regions are expected to generate strong demand for nuclear moisture separator reheaters during the forecast period 2010-2020. Europe is a key market for the moisture separator reheater industry as many of the existing reactors as well as new reactors will require moisture separator reheater replacement. During the period 2010-2020, the European region is expected to show the highest demand for 560 moisture separator reheater units, followed by the Asia Pacific region with 288 units, and the North American region with 244 units. The increased demand from these regions will result in the sustained growth of the nuclear moisture separator reheater market.

Nuclear Moisture Separator Reheater Market set to decline during the forecast period 2010-2020

Year-on-year demand for moisture separator reheaters around the globe will decrease from 116 units in 2010 to 40 in 2020, showing a negative Average Annual Growth Rate (AAGR) of 10.6%. This market is expected to reach \$154 million in 2020, declining at an AAGR of 5.7% between 2010 and 2020. The major reason for the decline in demand for moisture separator reheaters is the fall in demand for the replacement of new units during 2010-20. Thus, the major demand for moisture separator reheaters will be from the replacement market during the forecast period 2010-2020.

Key Players to Benefit from the Moisture Separator Reheater Market Growth

Leading players such as Alstom Power, Balcke Durr, Holtec International, Inc., and Mitsubishi Heavy Industries Ltd. are set to benefit from the growth in the moisture separator reheater market. Europe has some of the major nuclear industry companies, as this region has the largest number of operating nuclear reactors in the world. Mitsubishi Heavy Industries, Ltd and Hitachi, Ltd are the key players manufacturing moisture separator reheaters for the nuclear power generation facilities in Japan. In India, Bharat Heavy Electricals Limited is the only player that manufactures and supplies the moisture separator reheaters. These major players will be the potential beneficiaries of the high demand for nuclear moisture separator reheaters because of their better capabilities and long standing experience in this market.

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