

# Electrical Power Transformers (Repair & Refurbishment)

## Description:

Electrical Power Transformers (Repair & Refurbishment)

Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Working Capital Requirement, Plant Layout, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis

Transformer is a machine that transfers electrical energy from one electrical circuit to another without changing frequency by the principle of electromagnetic induction. Since its basic construction requires no moving parts so it is often called the static transformer and it is very rugged machine requiring the minimum amount of repair and maintenance.

The term is used to include all transformers of large sizes (250 kva and above) used in generating stations and substations for transforming the voltage at each end of a power transmission line. They may be single or three phase and voltage rating of 220/11kv or in high voltage range. They are kept in operation all the 24 hours a day. In such transformer iron loss occur for all the time where copper loss occur only when they are loaded.

Electric equipment industry contributes over 2% of GDP which is projected to increase to about 12% in last year. During the period, consumption of electrical equipment is estimated to increase from over USD 28 bn now to USD 363 bn, growing at a CAGR of about 30%. The electrical equipment and accessories industry, with its highly diversified content, may be broadly segmented into (i) generation equipment, (ii) transmission equipment, and (iii) distribution equipment. According to the Power Ministry, the power sector has tied up Rs. 2,240 bn worth of investments to build power plants with 70,000 MW capacity in the next three years. Thus, as an entrepreneur this project offers an exciting opportunity to you.

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**Keywords:** Power Transformer Repairs, Electrical Transformer Repair, Repair of Power Transformers, Transformers Repair & Maintenance, Transformer Repairs in India, Repair of Distribution/Power Transformer, Transformer Repairs, Transformer Repairing Process, Small Transformer Repair, Electric Power Transformers Repair, Transformer Rewind and Repair, Maintenance and Repair of Medium Power Transformers, Power Transformer Repair?, Transformer Repair Procedures, Power Transformers Repairing, Guide for Repair of

**Created At:** 26 Oct, 2017