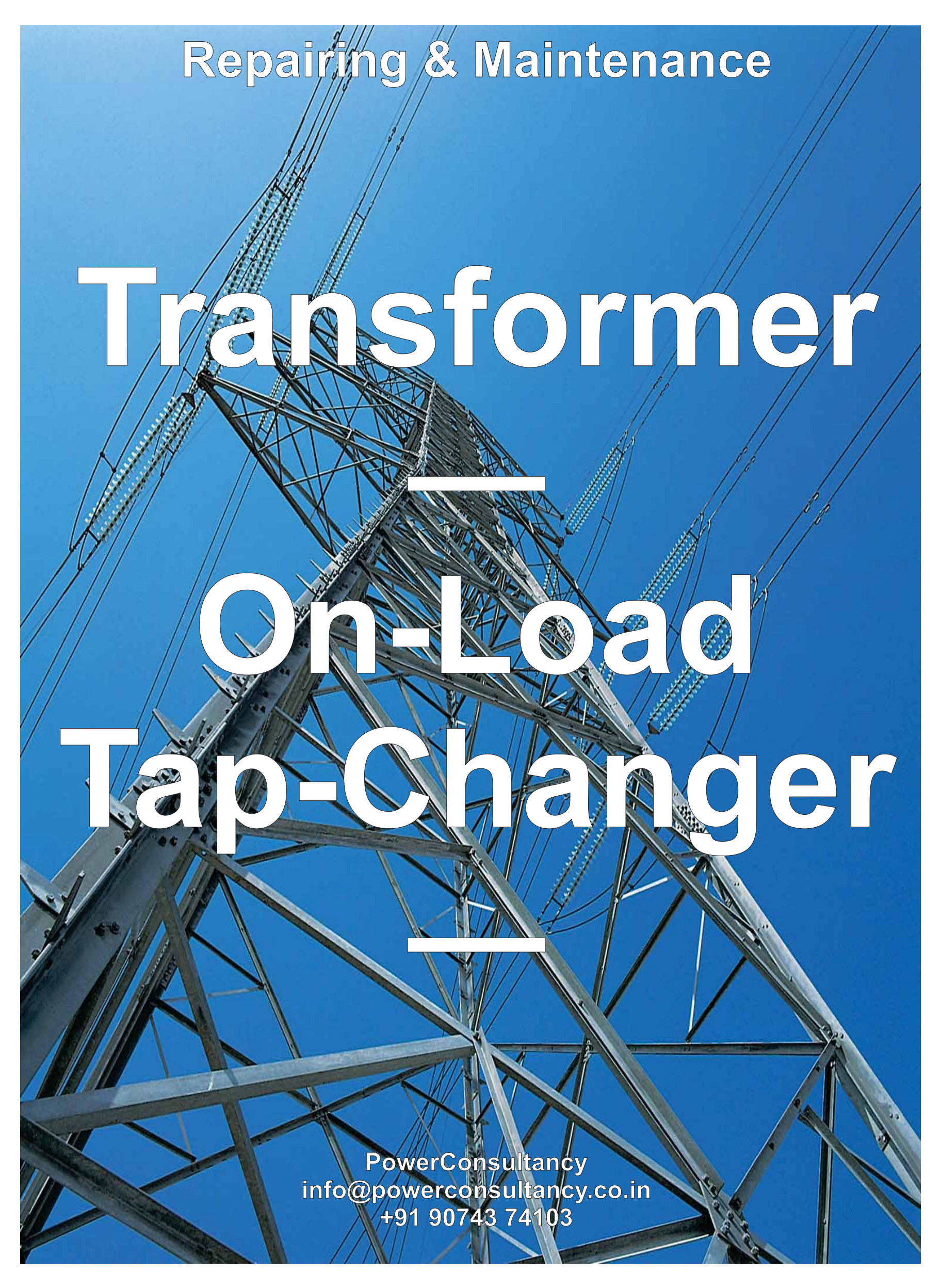




Repairing & Maintenance

Transformer — On-Load Tap-Changer —

PowerConsultancy
info@powerconsultancy.co.in
+91 90743 74103



Minimize Power Transformer Downtime:

Power transformers are the heart of your electrical system. Although one of the most reliable components in a power system, the transformer is by no means immune to failure. And because they play such a key role, unexpected transformer failures can be disastrous for your business.

To minimize the possibility of outages and downtime, PowerConsultancy recommends routine inspections, testing and maintenance to identify any potential problems before they cause a unit to fail. Often, there are warning signs which raise a red flag. If the problem is identified early enough, the transformer can usually be repaired—a far better option than having to replace an irreparably damaged transformer.

PowerConsultancy engineers have extensive experience diagnosing, maintaining and repairing power transformers. We provide cost-effective preventive and predictive maintenance solutions to help ensure the reliability of all components in your electrical power systems. PowerConsultancy provides transformer commissioning and startup services, installations, replacements and upgrades.

On-Load Tap-Changer.

Up to 50% of catastrophic transformer failures are related to damaged On-Load Tap-Changers.

51%-On-Load Tap-Changer.
17%-Windings.
14%-Bushings.
09%-Connections.
06%-Other.
03%-Mechanical.

PowerConsultancy has the ability and expertise to service and repair all makes of On-Load Tap-Changers. We can perform a condition assessment of your OLTCs to determine what's wrong or what can be done to increase its reliability and residual life. This process can help to prevent its premature failure and resultant damages.

To keep your OLTCs operating properly, PowerConsultancy can make extensive condition evaluations, diagnose faults and carry out necessary repairs or adjustments.

All our technicians were formerly in the employment of reputed On-Load Tap-Changer manufacturers. This will ensure that your assets will be handled by people who've extensive exposure to the product.





Penna Cement Industries Limited.
 Principle Place of Business
 Lakshmi Nivas 705, Road # 3,
 Banjara Hills,
 Hyderabad - 500034 . Telangana.
 Phone Number : 040-44564100/400.
 Fax : 040-44565222/44565310.

GANESHPAHAD-CEMENT

Works:

GANESHPAHAD VILLAGE,DAMARCHERLA
 MANDAL,
 NALGONDA - 508355 , Telangana
 Phone No : 08683-229715
 Fax No : 08683-229716
 GST No : 36AABCP2290D1ZP

WORK ORDER

To,
 TECHNICAL SUPPORT (50007681)
 Prince Cottage-Vattekkat Road-East-Kaloor Ernakulam
 Ernakulam 682017 ,Kerala
 Phone No:9074374103
 GST NO : 9999999999999999

PO.No. : 3200260322
 PO date : 23.11.2020
 Our Reference : 2200230791
 Our Ref. Date : 23.11.2020
 Your Reference : 1
 Validity Start : 23.11.2020
 Validity End : 30.11.2020

With reference to your offer cited below and subsequent discussions, Please service/repair the following equipment/spares as per the rates and Invoice should be against the 36AABCP2290D1ZP only.Terms and conditions specified herein and enclosed to this order.

S.No.	Service Masater PR. No. / Date	Description Department	Qty	UOM	UnitPrice (INR)	Discount %	Net Value (INR)
1		2 nos PowerTransformers OLTC servicing HSN/SAC -	1	AU	100000.00	0.00	100000.00
	1200260258/19.10.2020	214					
	1000004	REP & MTCE - PLANT AND MACHINERY	2	AU	50,000.00		

TOTAL VALUE OF PO IN INR EXCLUDING TAX AND DUTIES

100000.00

IN WORDS : RUPEE ONE Lakh Only

TERMS AND CONDITIONS

PAYMENT TERMS : 100% Against Delivery	TERMS	% Value	AMOUNT(INR)
INCO TERMS :For Destination YOUR WORKS	PATTERN CHARGES		0.00
	P & F		0.00
TAX DETAILS	FREIGHT		0.00
1-Input tax 0%	INSURANCE		0.00
	HANDLING CHARGES		0.00
	CGST		0.00
	Comp. Cess		0.00
	SGST		0.00
	IGST		0.00
	UTGST		0.00
Note: In case of any mis-calculation/mis-match of Input tax credit, same will be debited to your account.	OTHERS		0.00
	GRAND TOTAL		100,000.00

PO Header Text

DELIVERY SCHEDULE

Line Item	Delivery Date	Qty
1	30.12.2020	1



This is what Bahrain Petroleum Refinery had to say about our training:

A training workshop was held for 50 employees from Electrical Maintenance and P&U Engineering last month. The workshop sessions, held from October 18 to 22 and organized by Plant Maintenance Department's Electrical Maintenance Section, covered the topic of Transformer Residual Life Enhancement, and was provided by U.K. based Power Consultancy, led by Chief Consultant Georg P. Daemisch, an internationally acclaimed expert on Transformer Residual Life Management, plus two other recognized experts in the respective fields of Transformer Measurements and Transformer Cooling.

Manager-Plant maintenance Mahmood Mirza spoke at the start of the workshop, which was facilitated by Superintendent-Electrical maintenance Andy Doherty along with Thaslim Kaja and K.N.Abdul Jabbar from Power Consultancy U.K. The sessions consisted of two two day workshops held at the training center and a one-day on-site training session at the LSFO Substation.

Bapco Refinery has a fleet of over 300 oil-filled transformers. The continuous availability of these transformers is crucial to the safe and reliable operation of the Refinery's Power Plant, Oil processing Units, Oil Storage and Export facilities, and ancillary services such as Refinery Clinic, Security Building, Finance & Admin, Maintenance Workshops, Engineering Building, Training Center, Cafeteria and Awali. Many of these essential assets have reached or passed their manufacturer's stated life expectancy, however such transformers are often still in good condition physically and can often last for decades more.

Paramount to maintaining transformer long life is a managed program of condition assessment. An essential factor in the condition assessment process is the ability of Maintenance staff to understand the tell-tale signs of aging and degradation of the transformers. Of equal importance is their ability to distinguish the fundamental aspects of corrective, preventive and condition-based maintenance as well as understand the concepts of reliability-centred maintenance when applied to power transformers.

Partial List of Customers

- ABB
- Andhra Pradesh State Electricity Board
- Andhra Pradesh Power Transmission Corp
- AREVA T&D
- Atomic Power Station-Kalpakkam
- Aluminum Bahrain
- Badarpur Thermal Power Station
- Bahrain Petroleum Refinery
- Balasore Alloys Limited
- Bhakra Beas Managememnt Board
- Bhutan Ferro Alloys
- Bhutan Power Corporation
- Birla Cement Factory
- Carborandum Universal
- Chennai Petroleum Corporation
- Chukkah Power Station
- Dubai Electricity & Water Authority
- Durgapur Steel Plant
- ElectroSteel Castings
- EMCO Transformers
- Essar Power Limited
- Essar Steel Limited
- GMR Ferro Alloys
- GMR Power Plant
- Government Bank Note Press
- Gujarat Electricity Board
- Himachal Pradesh State Electricity Board
- Hindalco Industries Limited
- Hirakud Power Station
- Hospet Steels
- Indian Institute of Technology
- Indian Metals and Ferro Alloys
- Karnataka Power Transmission Corp
- KHRIBHCO Fertilizer
- Madukkarai Cement Factory
- Monnet Ispat Limited
- National Hydroelectric Corporation
- National Thermal Power Corp
- Neyveli Thermal Power Station
- Nsaria-Iran
- Nuclear Power Corp
- Orient Paper Mills
- Power Grid Corp of India
- Punjab State Electricity Board
- Rayalaseema Thermal Power Project
- Reliance Energy
- Reliance Industries
- Renukoot Power Station
- Renusagar Power Station
- Saudi Electric Co
- Saurashtra Cement Limited
- Sirpur Paper Mills Limited
- Spectrum Power
- Tata Power
- Tata Steel
- Tenga Nasional BHD
- Vardhaman Steel Limited
- Vijayawada Thermal Power Station
- West Bengal Power Transmission Corp
- Crompton Greaves Limited
- Eberle
- Gujarat Electricity Transmission Co
- Maharashtra State Electricity Transmission

- Kayamkulam Thermal Power Station
- Kaiga Atomic Power Station
- Bharat Bijlee Limited
- Calcutta Electricity Supply Company
- Kothagudem Thermal Power Station
- Konaseema Thermal Power Station
- Bharat Bijlee Limited
- Central Power Research Institute
- Hindustan Aeronautics Limited
- Calcutta Electricity Supply Company Limited

Dedicated On-Site Workshops:

- National Aluminum Company Limited
- Durgapur Steel Plant
- Madras Aluminum Company Limited
- Shuweiha Thermal Power-Saudi Arabia
- Dubai Electricity & Water Authority
- Bahrain Aluminum Company
- Bahrain Petroleum Company
- Saudi Electric Company-Saudi Arabia



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