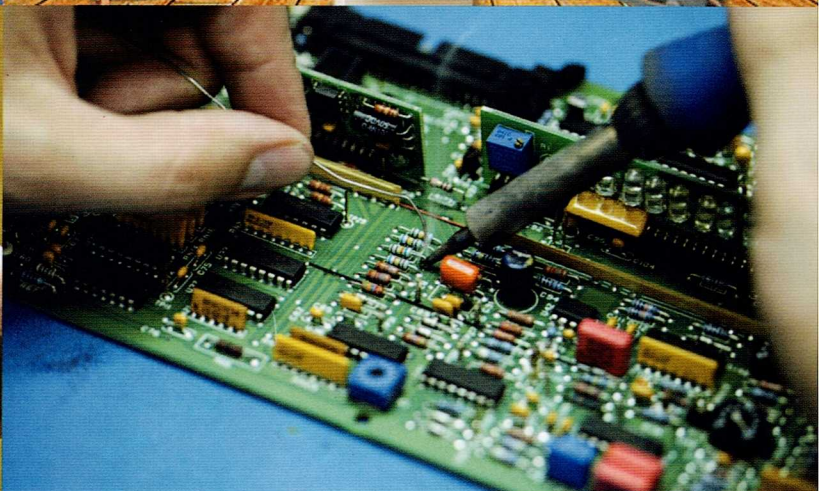
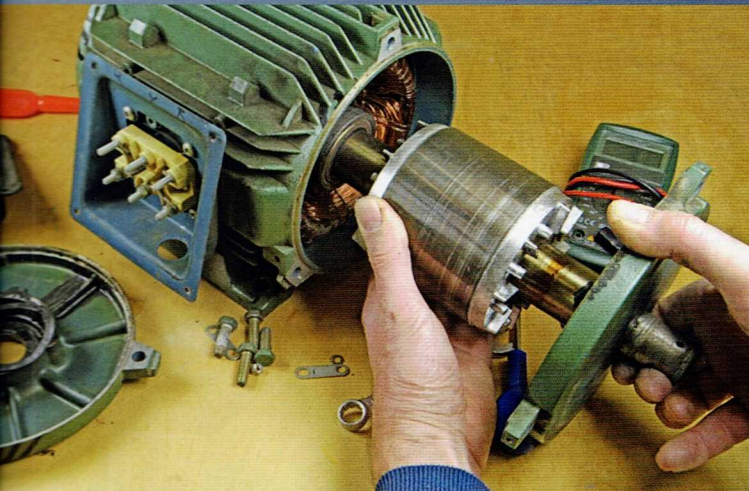
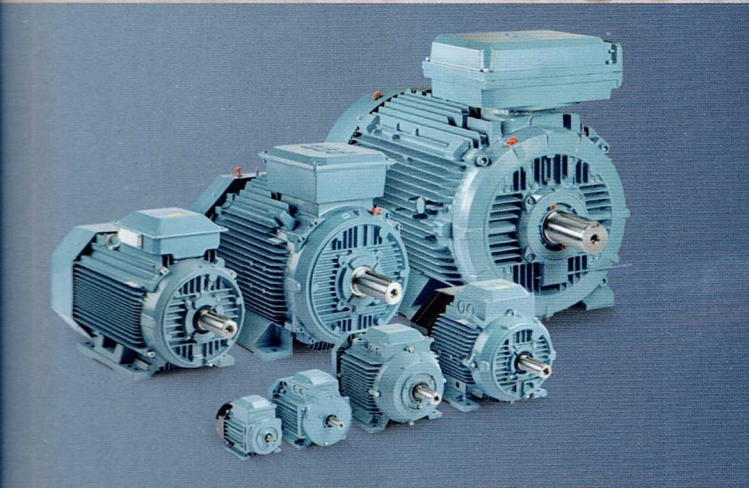




AADHYA POWER SOLUTIONS

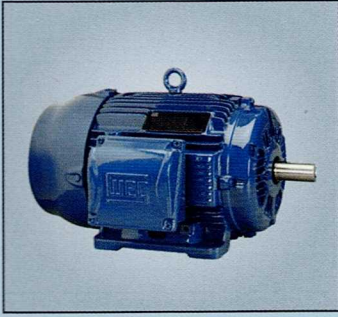
Solution Provider for Electrical System's Reliability and Improvement in Energy Efficiency



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AADHYA POWER SOLUTIONS



1. Motors :-

All ratings Electrical motors are available as per the industry requirement. We also provide solutions for replacement of **old less efficient motors** with motors having high efficiency thus it helps in reducing the electricity consumption and save money. We are able to study the existing motor's performance & efficiency with the help of highly accurate power analyzer & other instruments and provide reliable solutions. Based on the study we calculate the cost saving and suggests for appropriate replacement (IE2/IE3/IE4/IE5 efficiency class) of motors of all types including motors in flame proof & increased safety enclosures.

2. Power Analysis & Energy Saving Solutions :-

We carry out Electrical Power Analysis and provide solutions for Voltage Fluctuation, Un-even load distribution, Power factor correction, Harmonic Filtration and help our client to improve the quality of electrical power being fed to all the devices. This lead to Electrical power saving, reduce the chances of break-down of machines and increase the life of electrical equipments. This leads to considerable saving in the form of time and money.



Multimeter



Power Logger



Clamp Meter



Earth Tester



Insulation Tester

3. EPS of Solar Plant

We provide Engineering, Procurement and Construction of Solar Plants. Installing Solar plant is very easy and can be done by any person but EPC of Solar as per engineering standard and keeping all the Electrical aspect in mind can be done well by an Electrical expert only. We have dedicated and expert solar team who have technical as well as practical knowledge of EPC of Solar plants. Many times inspite of proper maintenance solar generation is disturbed in many industry. We have solved such issues in few industries of Balotra.

4. Repair & Maintenance Services:-

We provide repair & maintenance services of all type & ratings of Variable Frequency Drives(VFD), Invertors, PLCs, Soft Starters, Solar Invertors and all other industrial electronic cards/gadgets. We also supply INVT, Delta & ABB make VFDs. We are providing VFD repairing services to more than 30 nos of Industries of Balotra for last one year.



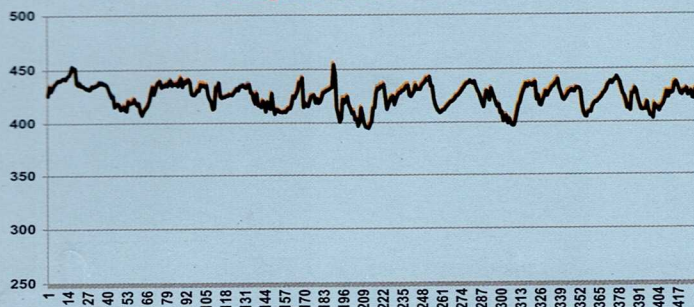
5. EPC of Complete Plant and supply of Electrical Distribution Board: -

Proper Designing, sizing, installation and commissioning of Electrical equipments are very important aspect for their proper and long time functioning. We provide this service keeping all the Engineering standards in Mind. We have recently done such complete job for M/s. Neelkanth Industry Balotra. The panel supplied by us is made of 1.6mm thick MS sheet with power coating, all the inner components are L&T make, proper busbar sizes for proper termination of cables, live part safety barrier, spacious cable alley for ease of work and termination of cable, auto-trip function in case of electrocution etc. Proper grounding and earthing of transformer and panels are done with proper size earthing cable. We design and supply all types of power and control distribution panels, APFC panel, VFD panel etc.

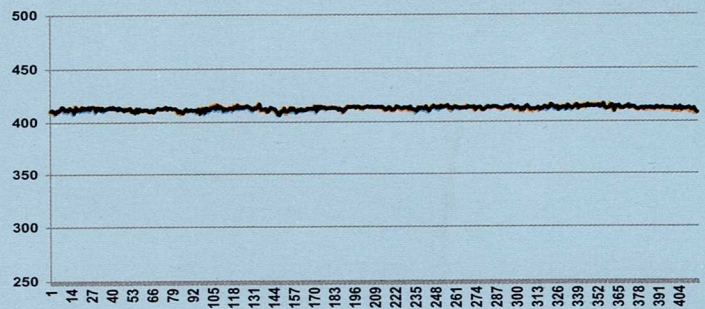
6. Automatic Voltage Controller - Servo Stabilizer :-

Voltage variation is common phenomenon. The input voltage is generally low during day time and high during night hours. Voltage below and above the designed is harmful for equipment life and consumes more power also. Automatic Servo Voltage Stabilizer is an industrial robot which continuously monitors the voltage variation round the clock and whenever there is any voltage fluctuation, it rectifies to the desired level in few second. We are authorised channel partner for Jindal Make AVC. We have supplied many such Jindal make AVC in Balotra till date as mentioned below.

Voltage Curve Before Stabilizer



Voltage Curve After Stabilizer



1. Mansarovar Industries - 400KVA
2. Mukesh Weaving Mills - 400KVA
3. B I Group of Industries - 400KVA

4. CETP Plant Balotra 18MLD Plant - 1000KVA
5. CETP Plant Balotra 12MLD Plant - 750KVA
6. Neelkanth Industries - 200KVA

7. Transformer Oil Filtration & Maintenance Service :-

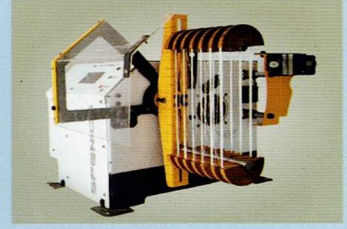
Healthiness of Transformer is very essential as it governs the electrical energy of our whole complex. We offer Transformer Oil BDV testing, Oil Filtration services, oil leakage attending & transformer maintenance service as per the standard engineering practice. Transformer oil serves two purpose first is to provide insulation and second cooling. The Break Down Voltage (BDV) of transformer oil shall be >30kV to provide sufficient insulation to the winding. By regular checking of BDV and filtration of oil we can maintain good health of our transformer.



AADHYA POWER SOLUTIONS

8. Motor Rewinding & Repairing: -

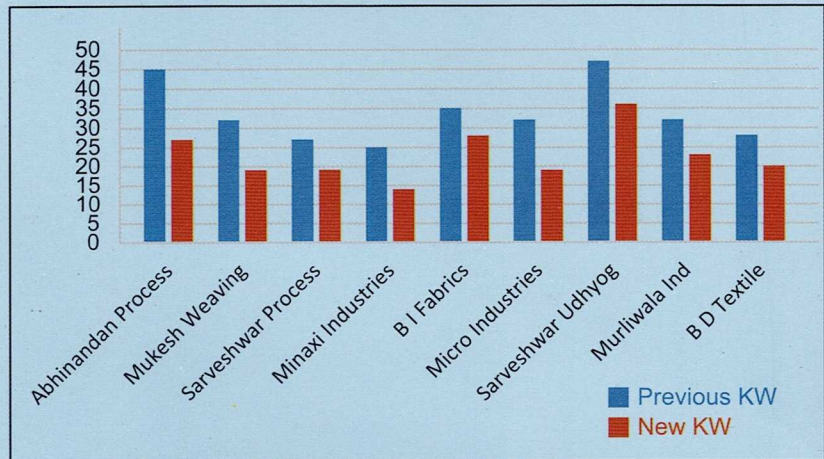
We offer Industrial Electric Motor Rewinding services with high quality EC grade enamel Copper wire with H-class (180°) insulation. Epoxy Gel coat on winding overhang for better insulation and safety from in-grease of moisture & dust is applied on each motor. We have all type of machineries to carry out best motor servicing work. Coil winding machine, stator varnish curing oven, bearing fitment tool, motor testing with auto transformer, motor rpm measurement, motor spray painting etc. All the motors will be in-house tested and will be delivered back with test report.



9. Electric Cogulation Plant (ETP) plant modification :-

We have designed & installed EC Skid plant modification system in various industries of Balotra after through study and analysis with various high profile tools and gadgets available with us. This modification has drastically improved the efficiency of the existing EC plant without compromising on the

treated water quality. The first such system was installed at M/s. Abhinandan Process, Jasol where we have achieved saving of 15-17 Units per hour. Apart from Electrical Power saving; 10-15% Iron Metal plate saving has also been reported. The previous efficiency of EC Skid system was in the range of 55-75% in various industries which has been improved to 92-95% after our modification. We have done such modifications in 9nos of industries of Balotra so far. Before and after results are shown here in the curve.



BRANDS WE DEAL IN

