



OCEANIC POWER ENGINEERS PVT. LTD.

GF-16, Siddharth Excellence, Opp. Vasna D-Mart, Vasna Road, Vadodara - 390 007. Mob.: 90992 78677
Email: oceanicpower.in@gmail.com. | Web : www.oceanicpower.in

We...

OCEANIC POWER ENGINEERS PVT. LTD. (OPEL) is a professionally managed, registered company having government approved contractors license. The company is run by highly qualified young professionals, Technical and Supporting staff. We firmly believe in providing 24X7 round the clock cost effective quality service to our clients.

What we do....

Operation and maintenance of 66KV and above Class Substation.

- Transformer Maintenance
- On load tap changer maintenance and testing
- Test on oil samples at NABL approved laboratory
- Routine inspection and maintenance of all electrical equipments.



Testing

- Power Transformer
 - I) Low voltage Tests
 - ii) Capacitance and Tan Delta Measurement
 - iii) Winding Resistance
 - iv) Turns Ratio Measurement
 - v) Sweep Frequency Response Analyzer
 - vi) DGA & Routine Oil Test
 - vii) Vector Group Test
 - viii) Insulation Resistance and PI
 - ix) Short Circuit and Open circuit Test



- **Lightning Arrester**

- i) Leakage Current Measurement
- ii) Capacitance and Tan Delta Measurement
- iii) Insulation Resistance Test



- **Current Transformer**

- i) Capacitance and Tan Delta Measurement
- ii) Ratio Test
- iii) Winding Resistance
- iv) Knee Point Voltage Test
- v) Excitation and Polarity Test
- vi) Insulation Resistance Test



- **Circuit Breaker**

- i) Operation Timing test of Circuit Breaker
- ii) Static Contact Resistance
- iii) Dynamic Contact Resistance
- iv) High Voltage Test
- v) Capacitance and Tan Delta Measurement
- vi) Insulation Resistance Test



- **Relay Testing**

- i) Distance Relay
- ii) Differential Relay
- iii) Directional Relay
- iv) Transformer Differential Stability Check

- **Earth Pits**

- i) Earth Resistance Measurement
- ii) Soil Resistivity Check

- **Thermographic Inspection**

- i) Substation Equipment's
- ii) HV/LT Bus Bars
- iii) Connections/Jumpers/Joints.



Erection and Maintenance of Distribution Systems and Renewable Systems

- Solar Power Plant maintenance and testing
- Designing of Distribution systems
- Inspection of distribution systems
- Solar Rooftop Installation And Maintenance



Industrial Electrification

- Installation and maintenance of electrical drives
- Critical Power services
- Electrical Inspection & Audit

