

Work Order:

Fault Type: TX-OVR

Location: Zone C

Equipment: Transformer

Historical Fix: Cooling fan replacement

Avg Resolution: 3h

Risks: High ambient temp impact

Weather: 35°C, 80% humidity, Hot and humid

Assigned Technician: Raj Singh (HV, Switchgear, 8.2 km away)

Resolution Steps:

1. Assess the condition of the cooling fan on the transformer in Zone C.
2. If the cooling fan is faulty, replace it with a new one.
3. Test the transformer to ensure proper functioning.
4. Monitor the ambient temperature to ensure it does not impact the transformer.

Tools Needed:

1. Replacement cooling fan
2. Screwdriver
3. Multimeter
4. Insulation tester
5. Personal protective equipment (PPE)

Justification for Technician Selection:

Raj Singh has experience in high voltage equipment and switchgear, making him well-equipped to handle the task of replacing the cooling fan on the transformer in Zone C. Additionally, his proximity to the location (8.2 km away) allows for a quick response time, minimizing downtime for the equipment. Singh's expertise and experience make him the ideal technician for this job.