Switchgear Preventative Maintenance

# References

## Authorization

## Training/Certification

## Equipment/Information

## Policies

## Related Procedures

# Security Considerations

|  |  |  |
| --- | --- | --- |
| CM informatioin | | |
| Site/Pod: | CM#: | |
| Technician: | Date: | |
| Start time: | End time: | |
| Equipment Information | | |
| Manufacturer: | | Model #: |
| Serial #: | Assed ID: | |

# Prestart checks

1. Verify lock out tags are properly placed and secured.
2. Verify all parts, tools, and PPE needed to perform work are available and on-site.
3. Verify all involved personnel have been notified of evolution.

# Procedure

1. Open front door to gain access to panel cover.
2. Unhinge front panel to gain access to CB breaker cables.
3. Remove side / back covers to gain access to internal connections.
4. Measure / record input voltage\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. Measure / record output voltage\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
6. Measure / record output currents\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
7. Perform a thermal probe / IR scan of the internal connections.
8. Record Internal Cabinet temperature\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
9. Visually check all internal hardwire connections.
10. Visually check all internal control wire connections.
11. Compare recorded readings to local monitor.
12. Replace all doors and covers.

# Upon Completion of Service

1. Review findings and measurements taken during PM.
2. Review recommendations from qualified person.
3. Check all covers for proper installation.
4. Check area to make sure all tools and debris have been removed from location.
5. Verify load is normal.

Corrective actions recommended or taken: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| Zone | Region |
| Technical Owner | swilleye@ |
| Technical Writer | beelliot@ |
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| Sensitivity rating | Amazon Confidential |
| Origin | Commercial version |
| URL | TBD |
| Physical location | TBD |
| Audience | EOT |
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