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| Title: **HT Panel** | | | | Page 1 of 1 | |
| SOP no: 1 | Revision:1 | | Issued Date: | Next Revision | |
| Date:24.09.2016 | | 24.09.2016 | 01.10.2017 | |
|  |  | |  |  |  |
| Originated by | | Concurred by | | Approved by | |
| K.V.Sudhakar Reddy  (Jr.Officer-Facilities) | | P.Pavan Kumar  (Sr. Engineer – Facilities) | | B.Ambika Prasad  (Manager-Facilities) | |
|  | |  | |  | |

**Objective:**

To provide procedure for manual starting of HT Panel

**Policy:**

The starting of panel should be smooth, safe and trouble free

**Responsibility:**

Technician/ Shift Engineer

**Procedures:**

1. Verify auxiliary power supply is intact and battery bank functional.
2. Verify healthy power from Grid on each phase
3. Verify Control supply is healthy & indication lamps are glowing.
4. Check that VCB breaker springs are charged and in position.
5. Check that all safety controls are at normal condition.
6. Close the Breaker, Check for healthy power.
7. Check the HT operation instruction as per load condition.
8. Check line clearance permit logbook for any planned shutdown taken.
9. Check breakers with snap closer and breaking mode.
10. Check load is within contracted max demand else inform Operations Manager for overload and remedial for penalty enforcement.
11. Check all safety relays are on line and graded to arrest faults locally.
12. Log the parameters in log books

**Revision Guide:**

Any change in the system needs review of SOP.