Root Cause Analysis

Plant : Hybrid 450mw

fault location: Block-13

Section /
Equipment : _Inverter / SCB

Date of breakdown: 15/4/24   11: 45 Am
    time :
equip classify: Central Inverter
time of breakdown: 15/4/24   15/4/24

                            11: 45AM   1: 10 Pm

Description of Incident: Inv 2 of BL-13 tripped due to   GFDI

Immediate action : Isolate System. checked Inverter's SCB
            found Unhealthy SCB. found unhealthy string.
            The string Isolate and remaining healthy
            System Normalize it. Fault string Cable replaced
            by new.

Past history : NIL.

why why

why why: Inverter trin due to ground fault

why why1   SCB side mHy failure / String size mc'y
            failure

why why2:   String cable Insulation weak and tive Part
            tough with ground.

Root Cause: String cable Insulation weak.

CAPA: Ensure Conduit layed for each and every
DC string cable.

Previous Pm date: 14 Jan-2024.

responsibility.
Comments:
Approved by Head   cluster head