

## UNIT TRIPPING REPORT

UNIT No: 1  
TUTICORIN.

STATION: NTPL,

OUTAGE: NO. 33

REPORT NO:33

- |  |                                  |
|--|----------------------------------|
| 1.Date of tripping                     | : 01-10-2018                     |
| 2.Time of tripping                     | : 11:13:26 Hrs                   |
| 3.Status before tripping               |                                  |
| a) Unit load                           | : 148MW Load raising in progress |
| b) Mills in service                    | : B & C                          |
| c) Oil guns in service                 | : 10 HFO OB                      |
| d) Boiler feed pumps in service        | : MDBFP                          |
| e) CEPs in service                     | : A & C                          |
| f) ID fans in service                  | : A & B                          |
| g) FD fans in service                  | : A & B                          |
| h) PA fans in service                  | : A & B                          |
| i) CWP in service                      | : A & B                          |
| 4.First Up protection acted            | : Turbine trip (MS temp Low)     |
| 5.Similar occurrences in the           |                                  |
| Financial Year                         | : NIL                            |
| 6.Other relays/protection acted        | : Generator trip                 |
| 7.Supporting documents attached        | : SOE & Trend                    |
| 8.Any operation done prior to tripping | : NIL                            |
| 9.Analysis of tripping                 | :                                |

Turbine tripped on MST Low. Temperature got improved during coasting down and turbine was rolled immediately.

- |               |   |
|---------------|---|
| 10.Root cause | : |
|---------------|---|

MS attemperation valves were kept in manual mode since load raising was in progress. In order to raise the drum level, BFP scoop was increased which resulted in more attemperation flow and MST dropped. Before the effect could be reversed, V. Lo value reached, initiating Turbine trip.

11. Remedial measures taken/to be taken:

All Board engineers were detailed about the importance of maintaining all the vital parameters by manual intervention, during the process of synchronizing and load raising.

12. Time/Date of boiler light up and sync : 01-10-2018

Light Up:                      Boiler in service  
Sync'd :                      11:51 Hrs

13. Delay for light up : No delay

14. Recommendation / Action plan :

Sl.No.	Recommendations/Action plan	Responsibility	Time line
1	During synchronizing and load raising, all the vital parameters has to be monitored and maintained by the board engineer.	Opn	Immediate.

15. Any specific learning / feedback :

During load variations, many vital parameters need to be maintained by manual intervention. The importance of such activities were detailed to all the Board engineers.



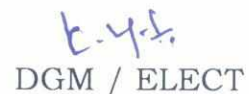
CM / OS



CM/EEMG



DGM / C&I



DGM / ELECT



DGM / O&C

Copy submitted to GM/O&M

Copy submitted to CEO / NTPL