

## **UNIT TRIPPING REPORT**

UNIT No: 1  
TUTICORIN.

STATION: NTPL,

OUTAGE: NO. 37

REPORT NO: 37

- |  |                                 |
|--|---------------------------------|
| 1.Date of tripping                     | : 08-12-2018                    |
| 2.Time of tripping                     | : 09:45                         |
| 3.Status before tripping               |                                 |
| a) Unit load                           | : 495 MW                        |
| b) Mills in service                    | : A, B, D, E, G & H             |
| c) Oil guns in service                 | : Nil                           |
| d) Boiler feed pumps in service        | : TDBFP A & B                   |
| e) CEPs in service                     | : A & B                         |
| 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            | : Boiler was hand tripped       |
| 5.Similar occurrences in the           |                                 |
| Financial Year                         | : Nil                           |
| 6.Other relays/protection acted        | : Turbine trip / Generator trip |
| 7.Supporting documents attached        | : Nil                           |
| 8.Any operation done prior to tripping | : Nil                           |
| 9.Analysis of tripping                 | :                               |

Boiler drum left side man hole gasket leakage was noticed in the early stage itself and unit was hand tripped @ 09:45 hrs on 08.12.2018, after giving schedule and load reduction.

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

Drum left hand side man hole gasket failure was due to ageing factor.

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|---|
| 11.Remedial measures taken/to be taken: |
|---|

Boiler Drum Man hole (LHS) gasket was replaced, door was tightened and unit was lighted up. Hot tightening was done subsequently.

12. Time/Date of boiler light up and sync :

Light Up: 02:47 Hrs on 09.12.2018

Sync'd : 06:59 Hrs on 09.12.2018

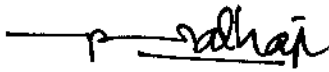
13. Delay for light up : No delay.

14. Recommendation / Action plan :

| Sl.No. | Recommendations/Action plan  | Responsibility | Time line               |
|--------|--|----------------|-------------------------|
| 1      | Failure of gasket was due to the ageing factor, and the incident was a random one. | BMD            | As and when encountered |

15. Any specific learning / feedback :

Failure of spares due to ageing or low quality can only be attended or replaced as and when they occur.



CM / OS



CM/EEMG



DGM / C&I

DGM / ELECT



DGM / O&C

Copy submitted to GM/O&M

Copy submitted to CEO / NTPL