

WELCOME TO NLC TAMILNADU POWER LIMITED

HIGHLIGHTS OF PRODUCTION ACHIEVEMENTS FOR THE YEAR 2015-16

1. Unit-I: The first unit was commissioned on 08.03.2015 and commercial operation was started from 18.06.2015.
2. Unit-II: The second unit was commissioned on 23.06.2015 and commercial operation was started from 29.08.2015.
3. Highest Generation since inception of unit:
 - Unit-I: 12.3952 MU on 05.06.2015.
 - Unit-II: 12.2360 MU on 27.08.2015.
 - Station: 22.7105 on 19.03.2016.
4. Highest Monthly Generation: 560.959 MU in the month of Feb16.
5. Highest Quarterly Generation: 1601.158 MU in IV Quarter.

HIGHLIGHTS OF PRODUCTION ACHIEVEMENTS FOR THE YEAR 2016-17

1. Ever Highest Generation since inception: **592.666 MU** achieved in the April'16.
2. Ever lowest Specific Fuel oil consumption – **0.05 ml/Kwhr** achieved in Jan'17.
3. Ever Highest PAF – **98.47 %** achieved in Sep.16.
4. Ever Highest Coal stock- **428647 MT** in the month of Feb'17.
5. Ever Highest PLF – **82.31 %** achieved in the month of April'16.
6. Ever Highest Export – **552.250 MU** achieved in Sep.'16.
7. Ever Highest Fly Ash sales – **60688 Tonnes** in Nov.'16.
8. In the month of September Actual generation (including Deemed Generation) of **708.75 MU** achieved which is more than the internal target (638 MU)
9. Ever lowest Specific DM water consumption - **0.074 %** achieved in Sep'16, Nov '16 & Jan'17.
10. Ever Highest OPLF – **90.82 %** Achieved in the month of Nov'16.

HIGHLIGHTS OF PRODUCTION ACHIEVEMENTS FOR THE YEAR 2017-18

- 1) Ever highest Unit-1 day generation since inception: **12.0884 MU** on 10.08.2017
- 2) Ever highest Plant Availability Factor for any quarter since inception is **98.396%** in fourth quarter of 2017-18
- 3) Ever highest continuous running days for **U1-103 days** (continuous to be in service) and **U2-103 days**
- 4) Ever lowest Specific Oil Consumption for any quarter since inception is **0.094 ml/kWh** in fourth quarter of 2017-18
- 5) Ever lowest Annual Specific Oil Consumption since inception is **0.685 ml/kWh** in the year 2017-18
- 6) **100%** Fly Ash utilization during the year 2017-18
- 7) Highest single day discharge of **48701 MT** of coal since inception on 20.03.2018
- 8) Highest Monthly discharge of **489505 MT** of coal since inception (including coal transfer to TTPS) during the month of Mar'18

HIGHLIGHTS OF PRODUCTION ACHIEVEMENTS FOR THE YEAR 2018-19

- 1) Ever highest **Station Gross generation** for the month since inception: **636.743 MU** achieved in **Oct-2018**.
- 2) Ever highest **Unit-1 Gross generation** for the month since inception: **326.332 MU** achieved in **Mar-2019**.
- 3) Ever highest **Unit-2 Gross generation** for the month since inception: **327.592 MU** achieved in **Oct-2018**.
- 4) Ever lowest **Auxiliary Power Consumption** for the month: **6.339 %** achieved in **Oct- 2018**.
- 5) Ever Highest Coal Receipt for any month since inception is **492527 MT** (8 Vessels) achieved in **Oct-2018**.
- 6) Ever lowest Annual Specific Oil Consumption since inception is **0.530 ml/kWh** in the year **2018-19**
- 7) **100%** Fly Ash utilization during the year **2018-19**
- 8) Highest single day Ship Unloading of coal since inception achieved on 26.01.2019 - **59839 MT**.

HIGHLIGHTS OF PRODUCTION ACHIEVEMENTS – 2019-20

1. NTPL - ISO CERTIFIED COMPANY

- Quality Management System (QMS) - ISO 9001:2015
- Environment Management System (EMS) - ISO 14001:2015
- Occupational Health and Safety Management System (OH&S) - ISO 45001:2018
- Energy Management System (EnMS) - ISO 50001:2011

2. Achieved Gross Generation of **6911.400 MU (78.68%)** including Gross Power Surrender of **2067 MU** during the year 2019-20

3. Ever highest PAF for any month since inception is **100.825 % (Mar-2020)**

4. Ever highest continuous running days for **U1-116 days (18-01-2019 to 14-05-2019)**

5. **100%** Fly Ash utilization.

6. Ever lowest Specific DM Water consumption for any year **0.049 Lit/kWh**

7. Ever lowest Specific Oil Consumption for any year is **0.462 ml/kWh**

8. Ever Lowest for any year Boiler Tube Leakage (BTL) **0.89 %**

9. NTPL started trading Un-Requisitioned Surplus (URS)/Regulated power in the Day Ahead Market (DAM) to increase Revenue from Operation through the Power Trading Department of NLC India Limited by registering as a client to NLCIL

Traded Quantity: 3.733 MU Net Revenue: ₹ 1.12 Crore

HIGHLIGHTS OF PRODUCTION ACHIEVEMENTS - 2020-21

1. Gross Generation achieved (including power surrender) as on 22-01-2021 during the year 2020-21 is **6582.442 MU** at an PLF of **92.346%** (including power surrender)
2. Plant Availability Factor (PAF) achieved as on 22-01-2021 during the year 2020-21 is **91.50 %**
3. Ever highest PAF for any month since inception is **101.061 % (June-2020, Oct-2020)**
4. Ever highest continuous running days for **U2-122 days (24-09-2020 to till date (22-01-2021))**
5. Ever lowest Specific Oil Consumption for any quarter is **0.00 ml/kWh** (Quarter III 2020-21)
6. **Zero** Forced Outage achieved for any quarter (Quarter III 2020-21)
7. **100%** Fly Ash utilization
8. NTPL is trading Un-Requisitioned Surplus (URS) / Regulated Power in Day Ahead Market (DAM) since Nov 2019 through the Power Trading Department of NLC India Limited by registering as a client to NLCIL
9. NTPL had also started trading URS / Regulated Power in **Real Time Market (RTM)** from Sep 2020 onwards through Power Trading Department of NLCIL to mitigate surrender of power and to increase the Revenue from Operation
10. NTPL received “**Best Performing Station**” Award for Q3 2020-21 from Director/Power

HIGHLIGHTS OF PRODUCTION ACHIEVEMENTS - 2021-22

1. Ever highest Station Day generation since inception: **23.894 MU** (99.56 %) on 08.04.2021
2. Ever lowest Specific DM Water Consumption for any Financial Year is **0.037 Lit/kWh**
3. **100%** Fly Ash utilization

HIGHLIGHTS OF PRODUCTION ACHIEVEMENTS - 2022-23

1. Ever Highest Station Day Gross Generation since inception is **24.012 MU** (100.05 %) on 24.02.2023
2. NTPL is **Ranking No.1** in Ramping Performance among Southern Region (SR) since 01.04.2020 (Implementation of Ramp Rate 1%)
3. Ever lowest Specific Oil Consumption since inception is **0.295 ml/kWh** (Normative 0.5 ml/kWh)
4. Ever lowest DM Water Consumption since inception is **0.036 litre/kWh**
5. **100%** Fixed Cost recovery of **₹ 817.623** Crore during Low Demand Season
6. **40 KW Roof top solar panel** commissioned on **31.03.2023** in NTPL Housing Colony
7. **Coal Swapping** of Talabira Coal (NTPL) with MCL Coal (NTPC) since **07.04.2022**
8. Coal quantity of **46,65,341 MT** unloaded against Minimum Guaranteed Throughput (MGT) of 45,60,000 MT since inception
9. Ever highest **ash sales of ₹ 68 Crore** since inception

NTPL - ACHIEVEMENTS 2023-24

1. As per MoP and CEA guidelines, **CMD/NLCIL inaugurated the trial operation of Biomass co firing with coal on 05/12/2023.**
2. LOA issued to M/s RECPDCL as Bid process Coordinator on 25.11.2023 for the Development of **223 MW Solar Project under Scheme** for Flexibility in Generation and Scheduling of Thermal/ Hydro Power Stations through bundling with Renewable Energy and Storage Power.
3. Received **NATIONAL ENVIRONMENT EXCELLENCE AWARD** in recognition of Exceptional performance and outstanding achievements in Fly Ash Utilization on 07th June 2023 by Council of Enviro Excellence, New Delhi.
4. During Tuticorin heavy floods, when other Power plants/Industries were heavily affected, but **NTPL plant was safely shut down on 18.12.2023 and resumed the generation on 21.12.2023** without any loss to the plant and machinery.
5. During Tuticorin heavy floods, extended **flood relief aid to around 5000 families and donated 45 Lakhs to District Administration for flood relief work.** Supplied Drinking water to Village peoples, Port Trust Township Employees and Coast Guard Employees through lorries.
6. Since inception, NTPL has **utilized 100 % of Ash generated** from the plant.
7. Ever **lowest Specific Oil Consumption since inception** is 0.26 ml/kWh (Normative 0.5 ml/kWh)
8. Ever **lowest DM Water Consumption since inception** is 0.035 litre/kWh

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