# ANNEXURE - VIII

## BUSINESS RESPONSIBILITY REPORT
## FY 2019-20

**Preface**

Reporting on environmental and social parameters is on the rise. Growing expectations from internal as well as external stakeholders along with stringent norms is driving organizations to disclose their performance on economic, environmental and social aspects to understand the impacts caused by them in their day to day activities.

Our vision of being the market leader in manufacturing world-class eco-friendly Paper and Paper Boards is our internal driver for embedding sustainability into our daily practices.

We have embarked on the journey of developing this business responsibility report based on the suggested framework of SEBI. We consider this as an opportunity to communicate our performance and progress across Environmental, Social and Governance aspects for the financial year (FY) 2019-20.

**Section A : General Information about the Company**

1. Corporate Identity Number (CIN) of the Company: L22121TN1979PLC007799
2. Name of the Company: Tamil Nadu Newsprint and Papers Limited
3. Registered address: 67, Mount Road, Guindy, Chennai- 600032.
4. Website: www.tnpl.com
5. E-mail id: invest_grievances@tnpl.co.in
6. Financial Year reported: 2019-20
7. Sector(s) that the Company is engaged in (industrial activity code-wise):
   i. Pulp, Paper & Paper Board - 4802
   ii. Power Utility - 2716
   iii. Cement Manufacturing - 2523
8. List three key products/services that the Company manufactures/provides (as in balance sheet)

| Products | Services |
|---|---|
| Paper and Paperboard | Energy |
| Cement | |

9. Total number of locations where business activity is undertaken by the Company
   i. Number of International Locations (Provide details of major 5) – None
   ii. Number of National Locations – Regd. Office – 1
   iii. Factory / Mill – 2 Locations
   iv. Branches – 7 Locations
10. Markets served by the Company – We serve the Local/ State/ National/International markets

**Section B: Financial Details of the Company**

1. Paid up Capital (Rs. In Crore) – 69.21
2. Total Turnover (Rs. In Crore) – 3437.60
3. Total profit after taxes (Rs. In Crore) – 103.03
4. Total Spending on Corporate Social Responsibility (CSR) as percentage of profit before tax (%) – We are committed to make growth more inclusive by focusing on the needs of our society and thereby creating a larger social value. We believe that working towards growth includes responding to its social responsibility. We have spent 2% on the CSR activities in the reporting year.
5. List of activities in which expenditure in 4 above has been incurred:

   We have been working in the following areas for the benefit of communities.

   i. Education
   ii. Healthcare and Medical Service
   iii. Infrastructure Development
   iv. Social development
   v. Livelihood/Economic Improvement
   vi. Environment & Sanitation
   vii. Culture and Heritage
   viii. Soil & Water conservation

**Section C: Other Details**

1. **Does the Company have any Subsidiary Company/ Companies?**

   The Company does not have any Subsidiary.

2. **Do the Subsidiary Company/Companies participate in the BR Initiatives of the parent company? If yes, then indicate the number of such subsidiary company(s).**

   Since the Company does not have any Subsidiary, this is not applicable.

3. **Do any other entity/entities (e.g. suppliers, distributors etc.) that the Company does business with; participate in the BR initiatives of the Company? If yes, then indicate the percentage of such entity/entities? [Less than 30%, 30-60%, More than 60%]**

   No other entities that our Company does business with, participate in the BR initiatives of the Company.

**Section D: BR Information**

1. **Details of Director/Directors responsible for BR**

   **a) Details of the Director/Directors responsible for implementation of the BR policy/policies**

| Name | DIN Number | Designation |
|---|---|---|
| Mr. S. Sivashanmugaraja, IAS | 06684301 | Managing Director |

**b) Details of the BR head**

| Sr. no | Particulars | Details |
|---|---|---|
| 1. | DIN Number (if applicable) | 06684301 |
| 2. | Name | Mr. S. Sivashanmugaraja, IAS |
| 3. | Designation | Managing Director |
| 4. | Telephone number | 044-22354343/22354353 |
| 5. | e-mail id | mdoffice@tnpl.co.in |

**2. Principle-wise (as per NVGs) BR Policy/policies (Reply in Y/N)**

| S. No | Particulars | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Do you have a policy/policies for | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| 2 | Has the policy being formulated in consultation with the relevant stakeholders? | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| 3 | Does the policy conform to any national /international standards? If yes, specify? (50 words) | Y<br>The policies have been developed as per The Companies Act, 2013 and SEBI Listing Regulations. These are also on the lines of the 'National Voluntary Guidelines on Social, Environment, and Economic responsibilities of businesses' (NVG-SEE) established by the Ministry of Corporate Affairs, Government of India in 2011. | | | | | | | | |
| 4 | Has the policy been approved by the Board?<br>Is yes, has it been signed by MD/ owner/CEO/appropriate Board Director? | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| 5 | Does the company have a specified committee of the Board/ Director/ Official to oversee the implementation of the policy? | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| 6 | Indicate the link for the policy to be viewed online? | * | * | * | * | * | * | * | * | * |
| | Link for policies on our website provided below | | | | | | | | | |

| S. No | Particulars | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 |
|---|---|---|---|---|---|---|---|---|---|---|
| 7 | Has the policy been formally communicated to all relevant internal and external stakeholders? | Y | Y | Y | Y | Y | Y | Y | | Y |
| 8 | Does the company have in-house structure to implement the policy/ policies | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| 9 | Does the Company have a grievance redressal mechanism related to the policy/policies to address stakeholders' grievances related to the policy/policies? | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| 10 | Has the company carried out independent audit/evaluation of the working of this policy by an internal or external agency? | Y | Y | Y | Y | Y | Y | Y | Y | Y |

* The weblink of various policies are as follows:

**Principle 1 : https://www.tnpl.com/Code-of-Conduct**

**Principle 2 : https://www.tnpl.com/uploads/documents/41fbbd534b5ae3687972b47c757c3ded.pdf**
**https://www.tnpl.com/uploads/documents/cc9875b0e45b43d2438e85d9cce66bef.pdf**
**https://www.tnpl.com/uploads/documents/Energy%20Policy%20for%20TNPL%20UNIT-II.pdf**

**Principle 3 : https://www.tnpl.com/uploads/documents/94fff5376839441c6316ac02620a9ffc.pdf**

**Principle 4 : https://www.tnpl.com/uploads/documents/7877c74681dd973082841069c74994aa.pdf**
**https://www.tnpl.com/uploads/documents/dcf7a32a6cdb23df14adbebbd5b623f7.pdf**

**Principle 5 : https://www.tnpl.com/uploads/documents/499fb86875c320bf2ab0c19d171740ec.pdf**

**Principle 6 : https://www.tnpl.com/uploads/documents/2927ffde6495d426649be0f825a4f718.pdf**

**Principle 7 : https://www.tnpl.com/uploads/documents/c321413fe16739506937affeb089c067.pdf**

**Principle 8 : https://www.tnpl.com/uploads/documents/TNPL_CSR_Policy.pdf**

**Principle 9 : https://www.tnpl.com/uploads/documents/2927ffde6495d426649be0f825a4f718.pdf**
**https://www.tnpl.com/uploads/documents/6a3e8148b4d2ba3075aa7d1f2400bda0.pdf**

**2a. If answer to Sr. no 1 against any principle, is 'No', please explain why: (Tick up to 2 options):**

Not Applicable

| S No | Particulars | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | The company has not understood the Principles | Not Applicable | | | | | | | | |
| 2 | The company is not at a stage where it finds itself in a position to formulate and implement the policies on specified principles | | | | | | | | | |
| 3 | The company does not have financial or manpower resources available for the task | | | | | | | | | |
| 4 | It is planned to be done within next 6 months | | | | | | | | | |
| 5 | It is planned to be done within the next 1 year | | | | | | | | | |
| 6 | Any other reason (please specify) | | | | | | | | | |

**3. Governance related to BR**

- Indicate the frequency with which the Board of Directors, Committee of the Board or CEO to assess the BR performance of the Company.

  The Company's BR performance shall be assessed annually.

- Does the Company publish a BR or a Sustainability Report? What is the hyperlink for viewing this report?

  How frequently it is published?

  Business responsibility report FY 16-17 was the TNPL's first report. The report was published along with our annual report and uploaded on the company's website. Going forward, we plan to publish the report annually.

  * The BRR for FY 19-20 is uploaded in the website of the company along with Annual Report.

**Section E: Principle-wise performance**

**Principle 1: Businesses should conduct and govern themselves with Ethics, Transparency and Accountability**

At TNPL, we appreciate the value of responsible corporate governance, characterized by high standards to demonstrate transparency, reliability and ethical values. Constructed on a sound philosophy, ethics, values and accountability, our corporate governance ethos works within a culture that emphasizes a framework of conformance and compliance. Our governance framework is about maximizing shareholder value legally, ethically and sustainably.

**Does the policy relating to ethics, bribery and corruption cover only the company? Yes/ No. Does it extend to the Group/Joint Ventures/ Suppliers/Contractors/NGOs /Others?**

Our policy relating to the above aspects cover only the Company. Our Code of Conduct shape the culture and reputation of the Company and serve as the groundwork in how we act and make decisions.

**How many stakeholder complaints have been received in the past financial year and what percentage was satisfactorily resolved by the management? If so, provide details thereof, in about 50 words or so.**

During this reporting period, we have received three complaints from shareholders and the same have been resolved. We have not received complaints from any other stakeholders.

The Company Secretary is entrusted with the responsibility to look into the redressal of the shareholders and investors complaints and report the same to the Stakeholders Relationship Committee.

**Principle 2: Sustainable products and services**

TNPL is focusing on Circular Economy to ensure sustainability by using environment friendly raw materials (bagasse agricultural residue, Post consumer & Pre consumer waste paper and wood from social forestry and Captive and Farm Forestry model of plantations) for manufacture of paper.

List up to 3 products or services whose design has incorporated social or environmental concerns, risks, and/or opportunities.

**Unit I:**

The company manufactured Radiant Printing-Natural Shade, Ace Marvel -Natural Shade which eliminate the consumption of Dyes and optical whitening agent.

**Unit II:**

TNPL board brand – AURA – has several eco-friendly variants incorporating Bagasse pulp, Deinked pulp, and Waste paper pulp Aura Green Liner and Aura Green uncoated were developed with high Burst factor and RCT particularly for corrugated box segment. Likewise in Folding box board grades (FBB), Aurafold Brilliant Plus has been developed. Aura Celebration for wedding card segment has been developed as an uncoated Folding box board incorporating Bagasse pulp in the pulp mix.

For each product, provide the following details in respect of resources (energy, water, raw material etc.) per unit of product.

We manufacture Writing and Printing Paper, Packing Board and Cement. The resources utilized per ton of product are as follows:

| Product | Consumption per ton of production | | |
|---|---|---|---|
| | Power / Steam | Water | Raw-material |
| Paper | 1334 kWh/MT | 35 $m^3$/MT | 0.768 MT / MT of paper |
| Packaging Board | 492 kWh/MT | 11 $m^3$ /MT | 0.847 MT / MT of Board |
| Cement | 108 kWh / MT | Nil | Lime Sludge – 59963.21 MT @1% moisture; Fly ash – 74886 |

**Does the company have procedures in place for sustainable sourcing (including transportation)?**

The company is sourcing wood through its Captive Plantation & Farm forestry model and from Tamil Nadu Forest Plantation Corporation (TAFCORN).

Pulpwood is certified by Forest Stewardship Council Forest Management (FSC-FM) Certification and Forest Stewardship Council Chain of Custody (FSC-COC) certification which ensures that paper manufacture from wood is managed socially and environmentally in a responsible way.

TNPL has obtained Forest Management certificate from the Forest Stewardship Council for our captive plantation from M/s NEPCON, Estonia and it is valid upto July 2023. TNPL have also received the Chain-Of-Custody (COC) certification from M/s NEPCON, Estonia with validity upto January 20, 2021.

We have raised pulp wood in 1,67,615 acres of land (as on 31.03.2020) covering various parts of Tamil Nadu under Farm forestry Scheme and Captive Plantation leading to about 49.24 lakh MT $CO_2$ sequestration.

The company has manufactured 73,372 MT of deinked pulp from Post consumer and Pre consumer reclaimed material

**What percentage of the inputs were sourced sustainably?**

100% of raw materials required for manufacturing writing and printing paper, packaging board and cement are sourced in a sustainable manner.

**Does the company have mechanism to recycle products and waste? If yes, what is the percentage of recycling waste and products?**

Yes. Wood is procured from 32,209 local and small farmers under the form forestry model.

The Company procured the post-consumer waste paper through local universities (examination papers) and Department of Stationery and Printing (Office waste paper) and packing waste.

**Principle 3: businesses should promote the wellbeing of all employees**

We comply with the applicable requirements regarding employee engagement covering collective bargaining, grievance redressal and other labour laws. To ensure well-being of our employees irrespective of whether they are permanent or contractual, we have taken conscious steps to implement relevant practices and processes for enhancing work place safety. We have engaged 191 female permanent/contract employees.

**Do you have an employee association that is recognized by management? What percentage of your permanent employees is member of this recognized member association?**

Yes, We, at TNPL, have developed a system of determining "Recognized Trade Unions" through secret ballot conducted once in 4 years. 97.66% of permanent employees are members of the trade unions.

**Please indicate the number of complaints relating to child labour, forced labour, involuntary labour, sexual harassment in the last financial year and pending, as on the end of the financial year**

During the reporting period there was no incidents of child labour, forced and involuntary labour, sexual harassment or any form of harassment.

**Policies and measures taken to prevent cases of Child Labour, Sexual Harassment and discriminatory employment**

**Prevention Child Labour**

The minimum age limit for recruitment is 18 years as stated in our Code of Conduct and the standing order.

**Prevention of Forced Labour / Involuntary Labour**

Forced Labour / Involuntary Labour is prohibited in the work place which covers contractors and suppliers as well. We have developed robust systems and processes and have adopted good practices to address such incidents as per the statutory requirements.

**Prevention of Sexual Harassment**

We have constituted an Internal Complaints Committee (ICC) and have implemented a policy on prevention, prohibition and redressal of sexual harassment at workplace as per the provisions of the sexual harassment of women at workplaces including contractual women employees (Prevention, Prohibition and Redressal) Act, 2013 and Rules there under.

**Prevention of Discriminatory Employment**

As part of the employment practices and processes covering contractual work force, we follow policies which provide equal opportunities to all and do not discriminate based on caste, creed, gender, race and religion.

**What percentage of your under mentioned employees were given safety & skill upgradation training in the last year?**

- Permanent employees
- Permanent women employees
- Casual / Temporary / Contractual employees
- Employees with disability

All our employees have been given mandatory safety training, as part of our Company's protocol. Besides, we regularly impart safety training on any potential new processes implemented.

We have implemented systems with a strong focus on compliance and operational discipline, performance monitoring and enforcement of rules wherever necessary. We also conduct periodical safety training programmes.

We have formulated an Occupational Health, Safety and accident prevention program. We conduct regular safety inspections and internal safety audits of hazardous process and chemical storages through qualified safety officers. To improve the safety aspects, we conduct safety committee meetings periodically and suggestions from the areas are being implemented.

We conduct regular safety audits, Hazard and Operability Study (HAZOP), study and risk analysis through experts in industrial safety and ensure that the recommendations are implemented.

A training calendar is prepared at the beginning of each year to impart training to employees to meet the skill gaps and, development of their competencies. On the job training is provided to employees through the respective departmental personnel. Employees are also sent to different industrial organizations in the country to gain knowledge. The executives are also sponsored to attend seminars and workshops organized by leading institutions like IIMs, FICCI, NITIE, CII and NPC etc.

**Details of training program conducted at the various levels of employees for the FY19-20 is summarized in the table below;**

**Unit – I & LSFM**

| Sl. No. | Description | Emp. Strength | Safety Training | | Skill Up gradation | |
|---|---|---|---|---|---|---|
| | | | Man days | Percentage | Man days | Percentage |
| 1 | Permanent Employees (Men) | 1718 | 167.5 | 10 | 2752 | 160 |
| 2 | Permanent Employees (Women) | 82 | 61 | 74 | 88 | 107 |
| 3 | Contractual employees | 1126 | 196 | 17 | 0 | 0 |
| 4 | Employees with Disability | 12 | 2 | 17 | 10 | 83 |

**Unit – II**

| Sl. No. | Description | Emp. Strength | Safety Training | | Skill Up gradation | |
|---|---|---|---|---|---|---|
| | | | Man days | Percentage | Man days | Percentage |
| 1 | Permanent Employees (Men) | 569 | 409.90 | 72 | 420.5 | 74 |
| 2 | Permanent Employees (Women) | 47 | 28.20 | 60 | 32.6 | 69 |
| 3 | Contractual employees | 1251 | 984.13 | 79 | 0 | 0 |
| 4 | Employees with Disability | 0 | 0 | 0 | 0 | 0 |

**Principle 4: Businesses should respect the interests of, and be responsive to the needs of all stakeholders, especially those who are disadvantage vulnerable, and marginalized.**

We are actively involved in developing and sustaining relationships with our key stakeholders. Our stakeholder engagement strategies have been designed in line with the needs of respective communities. Our engagement process with stakeholders serves a dual purpose of improved risk management to ensure better outcomes on the ground.

**Has the company mapped its internal and external stakeholders?**

Yes, we have mapped our internal and external stakeholders to include the following internal and external stakeholder groups.

| Internal Stakeholders | External Stakeholders |
|---|---|
| Employees and Management | Suppliers and Vendors |
| | Customers |
| | Banks and Lending Institutions |
| | Government |
| | NGO |
| | Local Community / Society |
| | Shareholders |

The Company's website www.tnpl.com contains comprehensive information for the stakeholders about the Company. The Company also has designated an exclusive email-id for investor services – invest_grievances@tnpl.co.in. The Company also promptly intimates the Stock Exchanges about all price-sensitive information or such other matters which in its opinion are material and of relevance to the stakeholders of the Company.

**Has the company identified the disadvantaged, vulnerable, and marginalized stakeholders?**

Yes. Our business operations have evolved balancing business principles and responsibility towards economic, environmental and social sustainability. Based on our socio-economic impact assessment studies, we have developed measures to identify, prioritize concerns of stakeholders coming from sections of society which are disadvantaged, vulnerable and marginalized. These stakeholders are children, differently abled people, unemployed youth, women and vulnerable farmers.

**Are there any special initiatives taken by the company to engage with the disadvantaged, vulnerable and marginalized stakeholders? If so, provide details thereof, in about 50 words or so.**

We have undertaken several programmes in the areas of Education, Healthcare, Social development, Livelihood and Economic improvement, Environment and Sanitation, Infrastructure, Soil and water conservation to support the disadvantaged, vulnerable and marginalized section of stakeholders. Educational assistance, free education, aid and appliances to differently abled sections of the society, medical camps, Health awareness camp,skill training, cattle care and vaccination camps , Blood donation camp, Free Eye camp, Awareness camp on Health care, Anemia awareness camp and in order to bring proficiency in English, spoken English classes had been conducted to Govt. Primary / Middle schools children.

**Principle 5: Businesses should respect and promote human rights**

**Does the policy of the company on human rights cover only the company or extend to the Group/ Joint Ventures/Suppliers/Contractors/NGOs/Others?**

Our policy on human rights is applicable to all our manufacturing facilities, off-sites at sugar mills/ wind farms, conversion centre of paper and paper board, corporate office and marketing branches across the country. Besides the above, other stakeholder's viz. suppliers, vendors and surrounding residents can approach the senior management personnel and discuss about grievance, if any, relating to human rights.

**How many stakeholder complaints have been received in the past financial year and what percent was satisfactorily resolved by the management?**

There have been no stakeholder complaints concerning violation of human rights received during the FY 2019-20

In case of violation, employees can lodge a formal complaint or avail the Grievance Redressal Mechanism, anonymously if required. The employee has freedom to address his grievance to his immediate seniors, if not resolved the same is referred to the Section head / HOD. If still the problem persists, the grievance is carried forward to the HR department. The other stakeholders can report complaints by approaching any authority in

case of violation of human rights.

**Principle 6: Businesses should respect, protect, and make efforts to restore the environment**

**Does the policy related to Principle 6 cover only the company or extend to the Group/Joint Ventures/ Suppliers/Contractors/NGOs/Others?**

The company's environment policy is committed to produce products by adopting environment friendly technology by sustained R & D efforts and continual improvement in the process. The policy is also committed to create social and ecological awareness among the work force.

**Does the company have strategies/ initiatives to address global environmental issues such as climate change, global warming, etc.?**

The following are the major activities taken to reduce the Global warming.

**Biogas from Bagasse Wash water:** The company generated 62.13 lakh $m^3$ of biogas from Bagasse wash water. The utilized biogas reduces the Green House Gas emission due to avoidance of methane to the atmosphere and also reduces the Green House Gas emission due to reduction of furnace oil consumption as the captured biogas is utilized in lime kilns. The details for the year 2019-20 are presented in the below table:

| Sl. No | Parameter | UOM | Value |
|---|---|---|---|
| 1 | Biogas Generated | Lakh $m^3$ | 62.13 |
| 2 | Furnace oil savings | KL | 3593.3 |
| 3 | Reduction in Green House Gas Emission | t $CO_2$ e | 82180 |

**Generation of Power by Firing of Black liquor Solids:**

The black liquor -generated from the Hard Wood and Bagasse plant is fired in the Chemical Recovery Boiler and the steam generated is passed through turbo generator to generate the Green Power. The details for the year 2019-20 along with reduction of Green House Gas emission is presented in the below table:-

| Sl. No | Parameter | UOM | Value |
|---|---|---|---|
| 1 | Black liquor Solid fired | MT | 4,59,247 |
| 2 | Reduction in Green House Gas Emission | t $CO_2$ e | 5,14,441 |

**TNPL Captive plantation and farm Forestry:** TNPL has raised plantation in 20,444 acres of land in 2019-20 totaling about 1,67,615 acres of land as on 31/03/2020 covering various parts of Tamil Nadu under Captive and Farm Forest model. This has led to carbon sequestration of 49.24 lakh MT.

**Usage of Carbon neutral Bio fuel :** The company is utilizing the agro fuel (i.e.) carbon neutral bio fuel like Bagasse Pith, Wood Dust and Wood Bark to operate our boilers which replaces coal and meeting out 42.70% of the energy requirements from renewable sources.

| Sl. No | Parameter | UOM | Value |
|---|---|---|---|
| 1 | Agro fuel | Lakh MT | 1.91 |
| 2 | Green House Gas Reduction | t $CO_2$ e | 1,23,899 |

**Wind Energy:** The company has installed 35.5 MW of Wind energy generators in Devarkulam and Perungudi,

Tamil Nadu. The electricity generated and the Green House Gas emission for the year 2019-20 is presented in the below table:

| Sl. No | Parameter | UOM | Value |
|---|---|---|---|
| 1 | Electricity Generation | Lakh kwh | 404.91 |
| 2 | Green House Gas Reduction | t $CO_2$ e | 37,697 |

**Utilization of lime sludge & fly ash in LSFM:** The lime sludge generated in our soda recovery process and fly ash generated in our power boiler (both Unit-I and Unit-II) are utilized in manufacturing of cement. This served a dual purpose of fulfilling raw material requirement and effective waste management. The details for the year 2019-20 are presented in the below table

| Sl. No | Parameter | UOM | Value |
|---|---|---|---|
| 1 | Lime sludge utilization in cement manufacturing | MT | 59,963 |
| 2 | Lime Stone Conserved | MT | 69,685 |
| 3 | Fly Ash utilization in cement manufacturing | MT | 74,886 |

**Does the company identify and assess potential environmental risks?**

Yes. The company has certified for ISO 14001 Environment Management System based on 2015 version. The environment Risk and Opportunities for the operation of the company are documented in the manual and assessed by the certification body.

**Does the company have any project related to Clean Development Mechanism? If so, provide details thereof. Also, if yes, whether any environmental compliance report is filed?**

Yes, Four projects are registered under clean development projects. The annual Green House Gas emission from the four registered projects is 2,11,401 t $CO_2$ e

**Has the company undertaken any other initiatives on – clean technology, energy efficiency, renewable energy, etc.? Y/N. If yes, please give hyperlink for web page etc.**

**Unit I: Paper Plant:**

1. PAT-I Cycle details: Under the Perform Achieve Trade (PAT) Scheme, received 4,969 Energy Saving Certificates towards actual specific energy consumption -which is lower than the notified specific energy conservation 0.530 TOE/MT against the target SEC of 0.550 TOE /MT
2. PAT – II Cycle commenced in the year 2016-17 and covered the FY 2016-17, 17-18 & 18-19. The baseline for the assessment period is 2014-15 and accordingly the SEC for TNPL was freezed at 0.7680 TOE/MT of paper (after normalization). As per the notification we have to reduce 6% in Energy consumption during the period. The Target SEC for TNPL is 0.7234 TOE/MT of paper. TNPL achieved SEC 0.6528 TOE/MT which is lower than the targeted SEC. For this Accredited Energy Auditor M/s CII , Hyderabad conducted M&V Audit and recommended 26352 EScerts.
3. TNPL Implemented 18 Energy conservation measures by investing INR 289.63 lakhs in FY 2019-20 thereby saving electrical energy equivalent to 48.16 lakh kwh and thermal energy equivalent to 4754.53 MT of imported coal and 3593.30 KL of furnace oil resulting in saving of Rs 1619.84Lakhs (Totally).
4. Received Energy Efficient Unit Award and Most Useful Presentation award from CII for the FY 2018-19.
5. Tnpl was awarded Golden Peacock Award for energy efficiency by Institute of Directors.

## Unit II: Packaging Board:

### Energy Conservation

1. TNPL Unit-II is covered under PAT-V cycle by BEE. Considering 2017-2018 as baseline data BEE estimated a Specific Energy Consumption (SEC) of 0.3991 MTOE/MT of Board. BEE has fixed the SEC as 0.3761 MTOE/MT of board in 2021-2022.
2. Introduction of LED lamps in major areas considering the LUMENS requirement, in order to increase the life of the lamps and reduce energy consumption.
    a. Replacement of 400W Metal Halide lamps with 250W LED lamps in high mast tower.
    b. Replacement of 150W Sodium vapour lamps with 90W LED street light fittings.
    c. Replacement of 400W Metal Halide High bay fitting with 150W LED Fittings at Board Machine 7-Metre floor.
3. Installation of 90KW VFD drive for process water pump No.4 installed to meet additional water requirement.
4. Installation of 2 Nos of 45KW VFD drive for De-aerator pumps 2 & 3 replacing the DOL starter.
5. IR dryers power requirement reduction by optimising the process. (Earlier in all GSM 100% power input was required in IR coater drying. Now except, in lower GSM (190 to 250), all other GSM products are running with power input to a maximum of 90% and minimum of 70%)
6. LP steam optimisation by increasing the after press dryness and increasing the final moisture in board.
7. Ash conveying compressor was stopped and compressed air available from instrument air compressor is being utilized.
8. In Boiler No.1 sonic soot blowers have been installed in air pre-heater tube bank area to clear the accumulated ash thereby increasing the heat transfer from flue gas to FD air. Hence it reduces the fuel consumption.

### Clean technology

1. Our plant is certified with ISO 9001, ISO 14001 and OHSAS 18001 Integrated Management system, ISO-50001-2011 Energy Management System (EnMS). The processes are followed as per the requirements.
2. Primary sludge from Effluent Treatment Plant is used for sundried board manufacturing and secondary sludge for plantation as manure.
3. Fresh water saving by using clarified water for equipments in BM4 (68 equipments).
4. Fresh water saving by using clarified water for secondary dilution in BM4.
5. Fresh water saving by collecting all the return water from mechanical seals in BM4 equipments.
6. Fresh water saving in WPP by closing the sealing water for the L3 Stream when equipments are not in operation.
7. Fresh water saving by using sealing water instead of fresh water for Heat exchangers in WPP.
8. Plastics generated during processing of waste paper is being sent to other cement plant and used as Alternate fuel.
9. Coating chemicals (calcium) is recovered and used in our cement plant.

### LSFM:

Erection of lime sludge shed for storing lime sludge during the LSFM shutdown Cement Plant kiln.

Utilization of deinking plant sludge at cement plant commenced from Sep'2018. During FY 19-20, TNPL consumed 16,612.83 MT (@ 50% moisture ) of Deinking plant sludge in LSFM.

**Are the Emissions/Waste generated by the company within the permissible limits given by CPCb/SPCb for the financial year being reported?**

**Air emissions**: The stack emission air qualities at all chimneys are monitored as prescribed by the PCB. The ambient air quality is continuously monitored online through Continuous Ambient Air Quality Monitoring System (CAAQMS) as per the requirement of PCB. The air quality levels are well within the standards and limits prescribed by the PCBs.

**Effluents:** The effluent treatment plant installed at the factory works effectively in meeting the regulatory norms prescribed by the PCBs. The treated water is discharged for irrigation through Treated Effluent Water Lift Irrigation Society scheme (TEWLIS).

**Solid waste:** The solid waste generated at the factory and the housing colony is disposed off as per the guidelines prescribed by the PCBs

**Number of show cause/ legal notices received from CPCB/SPCB which are pending (i.e. not resolved to satisfaction) as on end of Financial Year.**

TNPL Unit I produced 432572 MT against the consented quantity of 4,00,000 MT during 2018-19. TNPCB issued show cause notices under both Water and Air Acts during Nov'19 against the enhanced production. TNPL responded to TNPCB in Dec'19 stating that the increased production was achieved through only by improving the operational efficiency and machine runnability, higher basis weight, higher usage of imported pulp without any additional infrastructure, without additional pollution load and without any impact on Environment.

## Principle 7: Businesses, when engaged in influencing public and regulatory policy, should do so in a responsible manner

**Is your company a member of any trade and chamber or association? If Yes, Name only those major ones that your business deals with:**

We are members of the following associations through which we actively participate for overall development of the industry.

a. IPMA- India Paper Manufacturers Association
b. CII - Confederation of Indian Industries
c. FIEO - Federation of Indian Export Organizations
d. CAPEXIL - Chemicals & Allied Products Export Promotion Council
e. Andhra Chamber of Commerce
f. IPMA- Indian Paper Mills Association

**Have you advocated/lobbied through above associations for the advancement or improvement of public good? Yes/No; if yes specify the broad areas (drop box: Governance and Administration, Economic Reforms, Inclusive Development Policies, Energy security, Water, Food Security, Sustainable business Principles, Others)**

As a member of various associations, our efforts have been to make a difference in the areas of economic/tax reforms, inclusive development policies, energy security, water availability/management & sustainability issues, sustainable business principles and environmental policy.

As a part of the Indian Paper Mills Association (IPMA), we have supported the initiative of using degraded land for plantation of eucalyptus trees to source wood for our paper production.

## Principle 8: Businesses should support inclusive growth and equitable development.

Our strategy towards inclusive growth ensures the equitable distribution of economic benefits. We have been able to achieve this by creating productive economic opportunities and upliftment of the poor being vulnerable sections of the society.

**Does the company have specified programmes /initiatives/projects in pursuit of the policy related to Principle 8?**

**If yes details thereof.**

Our focus areas for the FY 2019-20 were primarily Education, Health Care and Medical Service, Infrastructure Development, Social development, Livelihood and Economic Improvement, Environment and Sanitation, Culture and Heritage, Soil and Water Conservation and Industrial Training, Infrastructure and other miscellaneous welfare activities to the rural people of the surrounding villages.

### Industrial Training:

Since August 2014, an Industrial Training Institute in affiliation with National Council for Vocational Training (NCVT) and the Quality Council of India (QCI) is being run through TNPL Arakkodai Trust at the premise situated in TNPL township area covering four trades viz. instrument mechanics, Fitter, Electrical and welding. TNPL ITI have won overall Championship and individual championship in the District level sports meet in the year 2018-19. Students of the Institution has achieved first rank in All India skill competition in the year 2016-17 & 2017-18 respectively. In addition, short term trainings Viz., Repair of home appliances, Basic welding have been conducted to the unemployed rural youths during the year 2019-20.

### Are the programmes/projects undertaken through in-house team/own foundation/external NGO/government structures/any other organization?

Community welfare initiatives are being carried out with the support of our trust i.e. the "TNPL Arakkodai Trust". It mainly covers the Education, Health care and Medical Services, Infrastructure Development, Social Development, Livelihood / Economic Improvement, Environment & Sanitation, Culture & Heritage, soil and water conservation and Industrial Training sectors. We also collaborate with some esteemed educational institutions Viz., SIT, Trichy, various Government bodies and donor agencies to fulfill our community development objectives and had conducted various skill development training programmes in association with nationalized Banks for upliftment of the rural women and unemployed youths of the surrounding villages. As it is mandatory since 2013 onwards, majority of the administrative and supporting efforts of CSR programmes are being undertaken by TNPL and CSR programs are being carried out by our in-house team / representatives from TNPL.

### Have you done any impact assessment of your initiative?

In the year 2016, we engaged an external agency to conduct a CSR performance Audit in implemented projects. Based on the observations we have developed an action plan in place to carry out the improvements in terms of implementation, budget and mechanism of receiving feedback on various initiatives from the stakeholders.

Based on the CSR activities undertaken for economic development and social development of communities in geographical areas, particularly in the vicinity of their operations, the stakeholders have given their positive impact on our CSR programmes which are being undertaken with community participation and have fulfilled their needs. However, a fresh Periodical Social impact assessment study will be conducted shortly in this period.

### What is your company's direct contribution to community development projects- Amount in INR and the details of the projects undertaken?

During 2019-20 TNPL has spent Rs. 3.99 crores for Corporate Social Responsibility (CSR) activities as detailed below:

| S.No | Sector in which the project or activity is covered | Amount spent (Rs. in lakhs) |
|---|---|---|
| 1 | Education | 103.01 |
| 2 | Health Care and Medical Service | 135.57 |
| 3 | Infrastructure Development | 43.76 |
| 4 | Social Development | 43.73 |
| 5 | Livelihood/Economic Development | 9.98 |
| 6 | Environment and Sanitation | 13.90 |
| 7 | Culture and Heritage | 35.30 |
| 8 | Soil and Water Conservation | 14.00 |
| | **Total** | **399.25** |

**Have you taken steps to ensure that this community development initiative is successfully adopted by the community? Please explain in 50 words, or so.**

**Community Needs Assessment and On-going Review:**

Yes, prior to initiation of a CSR project, we carry out a survey on needs assessment among communities belonging to social, economically, weaker sections in the neighboring villages. Thereafter, we invite new proposals from adjacent town panchayats and village Panchayats. The senior executives from CSR team will evaluate the same. After due consultation and consideration, a final proposal of such CSR programme will be placed before the CSR Committee comprising of independent Directors for consideration and approval of CSR programmes for implementations.

## Principle 9: Businesses should engage with and provide value to their customers and consumers in a responsible manner.

### What percentage of customer complaints / consumer cases are pending as on the end of the financial year?

Nil

### Does the company display product information on the product label, over and above what is mandated as per local laws? Yes / No / N.A. / Remarks (additional information)

In case of paper and paperboard, we display relevant product information (environment friendly aspect) on the packaging material to ensure safe and appropriate use besides complying with the statutory requirements. For cement, we display the product information mandated by the Bureau of Industrial Standards. Product labeling is done in compliance with the requirements regarding brand name, weight, grade, name of the manufacturer etc.

### Is there any case filed by any stakeholder against the company regarding unfair trade practices, irresponsible advertising and / or anti-competitive behavior during the last five years and pending as on end of financial year. If so provide details thereof, in about 50 words on so.

No case has been filed by any stakeholder against the company regarding unfair trade practices, irresponsible advertising / or anti-competitive behavior during the last five years and pending as on end of the financial year.

### Did your company carry out any consumer survey / consumer satisfaction trends?

We have implemented Customer Satisfaction Index aligned to applicable global standards for paper and paper board. On a scale of "10" we have been scored on the higher side consistently for the last four years. During the financial year 2016 – 17, we scored 7.7 and for the year 2017-18, 8.9 for the year 2018-19, 8.1 and for the year 2019-20, 7.9 respectively.