



Tamil Nadu Newsprint and Papers Limited

41st Annual Report 2020-2021



Over four decades of Sustainability

Board of Directors



Dr. Rajeev Ranjan, IAS
Chairman and Managing Director



Thiru N. Muruganadam, IAS
Director



Thiru S. Krishnan, IAS
Director



Thiru Harmander Singh, I.A.S.,
Director



Thiru N. Narayanan, IAS (Retd.)
Director



Thiru V. Chandrasekaran
Director



Tmt. Soundara Kumar
Director



Thiru P. B. Santhanakrishnan
Director



Dr. M. Arumugam
Director



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Company information



Board of Directors

Dr Rajeev Ranjan, IAS Chairman and
(w.e.f 08.05.2021) Managing Director

Thiru N Muruganandam, IAS Director
(Chairman w.e.f 04.03.2019 to 08.05.2021
Director w.e.f 08.05.2021)

Thiru Sivashanmugaraja, IAS Managing Director
(w.e.f 29.11.2017 to 08.05.2021)

Thiru S Krishnan, IAS Director

Thiru Harmander Singh, IAS Director
(w.e.f 25.06.2021)

Dr R Anandakumar, IAS Director
(w.e.f. 19.10.2020 to 25.06.2021)

Thiru N Narayanan, IAS (Retd.) Director

Thiru V Chandrasekaran Director

Tmt. Soundara Kumar Director

Thiru P. B. Santhanakrishnan Director

Dr. M. Arumugam Director

Compliance Officer

Thiru B Ravishankar Company Secretary

Registered Office

67, Mount Road, Guindy,
Chennai - 600 032

CIN L22121TN1979PLC007799

FACTORY

Unit I Kagithapuram - 639 136,
Karur District,
Tamil Nadu.

Unit II Mondipatti Village - 621 306,
Thiruchirapalli District,
Tamil Nadu

Statutory Auditors

M/s Brahmayya & Co.
Chartered Accountants,
48, Masilamani Road, Balaji Nagar,
Royapettah, Chennai - 600 014
Ph No.: 044 - 28131128/ 38 / 48
Fax: 044 - 28131158
Email: mail@brahmayya.com
Web: www.brahmayya.com

Cost Auditors

M/s Geeyes & Co.,
Cost & Management Accountants,
A-3, III Floor, 56, Seventh Avenue,
Ashok Nagar, Chennai - 600 083
Email: gsco94@gmail.com

Secretarial Auditors

M/s R Sridharan & Associates,
Company Secretaries in Practice,
New No.44, Old No.25, Flat No. 3,
Thiruvaramangam Apartments,
1st Floor, Unnamalai Ammal Street,
T.Nagar, Chennai - 600 017
Ph No.: 044 - 4216 6988, 4350 2997, 4255 5587
Email: sridharan.r@aryes.in
Web: www.aryes.in

Registrar and Share Transfer Agent

M/s Cameo Corporate Services Ltd.
V Floor, "Subramanian Building"
No. 1, Club House Road, Chennai - 600 002
Tel. No. 044 28460390 - 28460395
Fax No. 044 28460390

Bankers

State Bank of India
Canara Bank
Indian Bank
Karur Vysya Bank Limited
HDFC Bank Limited
Punjab National Bank
Union Bank of India
MUFG Bank Limited
Export - Import Bank of India
ICICI Bank Limited
Kotak Mahindra Bank Limited
IndusInd Bank Limited
Federal Bank
IDBI Bank Limited
Yes Bank Limited
Indian Overseas Bank
Tamil Nadu Industrial Investment Corporation Ltd (TIIC)

Highlights 2020-21

1.

The Company's turnover during the year 2020-21 is **Rs. 2768.18 crore.**



2.

During the Year the Paper production was **3,23,588 MT.**



3.

Achieved **Paper sales of 2,95,644 MT** during the FY 2020-21. Domestic sales accounts for 76% and Exports at 24%.

4.

The packaging **paper board plant production was 1,71,711 MT** during the financial year 2020-21, equivalent to 86% of capacity.



5.

The packaging **paper board sales during the year 2020-21 was 1,73,810 MT.** Domestic Sales account for 94% and exports at 6%.

6.

Market Capitalization was Rs. 1012.90 crores as on 31.03.2021.

7.

2,74,142 tonnes of Hardwood, Chemical Bagasse Pulp and Deinked Pulp were produced during the year.

8.

5233.81 lakh units of power was generated of which 5218.77 lakh units of power was consumed and 31.18 lakh units exported to the State Power Grid. Power drawn from State Grid and consumed only 1.31% of total power consumed.

9.

The **bio-methanation plants** have generated **methane gas of 74.68 lakh m³** during 2020-21. The methane gas was consumed in lime kiln and power boilers in replacement of 3864 KL of furnace oil and 602 MT of imported coal.



10.

The **wind farms** with an installed capacity of 35.5 MW have **generated 385.14 lakh Kwh Units** of 'Green Power' during the year.



11.

The paper & pulp mills have implemented various water conservation projects and **reduced the overall consumption of water to 47 KL/per ton** of paper which is one of the lowest in the paper industry.





12.

TNPL is the **first and only company** in the Indian Paper Industry to have established a **cement manufacturing factory** to convert the mill wastes lime sludge and flyash into high grade cement as part of its solid waste management system. During the year, the Company has manufactured **3,08,992 MT of cement**.



13.

During the year 2020-21, the overall **borrowing increased by Rs. 534 crore**.

14.

TNPL is one among the 27 of **the world's most important** pulp and paper manufacturers that participated in WWF Environmental Paper Company Index (EPIC) 2019.



15.



TNPL has been honoured with the **"Water Stewardship Award"** by M/s Indian Chamber of Commerce, Kolkata for the fourth time (2018, 2019, 2020 and 2021) during India Corporate Governance and Sustainability Vision Summit 2021 through Virtual Conference.

16.

TNPL is selected as winner under **"Innovative Initiative Project"** award category for the 14th edition of CII National Awards for excellence in Water Management, 2020.



17.



TNPL has been awarded **"13th cycle of Quality Council of India (QCI) - D.L. Shah Quality Award"** conducted by M/s National Board for Quality Promotion (NBQP) during the 3rd Virtual Quality Conclave (VQC) on the theme of "Commitment to Quality - Sustaining a Culture of Improvement" on 17th December 2020.



19.

TNPL has been awarded the **"15th ICCSR Corporate Social Responsibility – 2021 (Virtual) & Felicitation of Golden Peacock Award for CSR (Global & National) & HR Excellence"** on 10th June 2021.

18.

TNPL's project "In house designed Sulfide removal from the Evaporator Vacuum Pump Seal Water in Soda Recovery Plant by Low Cost Stripping Column and reuse the treated water" is one among the 13 projects selected as **"Most Innovative Environment Project"** during the 7th edition of the CII – Environmental Best Practices Award 2020 over virtual platform between 29th July 2020 and 31st July 2020.

20.



A special **Covid Treatment Centre having 300 beds, including 152 with oxygen** has been established at TNPL Community Centre. The facility was inaugurated by the Hon'ble Chief Minister of Tamil Nadu, Thiru. M. K. Stalin. TNPL has imported necessary equipment for supply of oxygen at a cost of Rs. 1 Crore.

Financial Highlights -

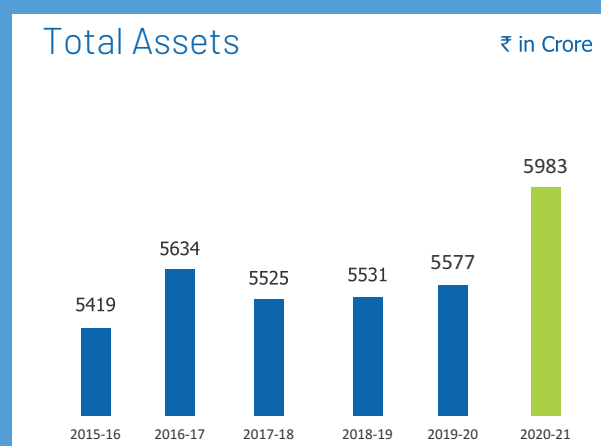
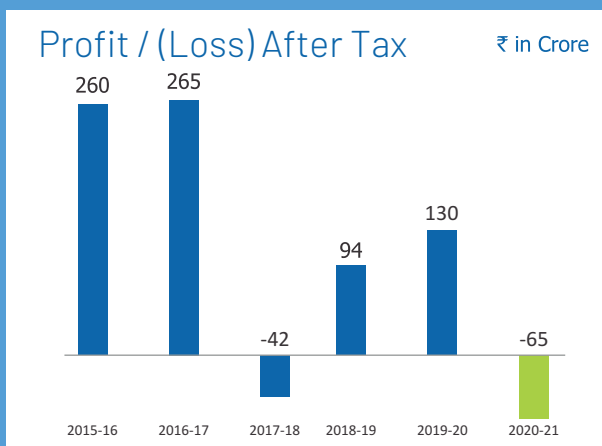
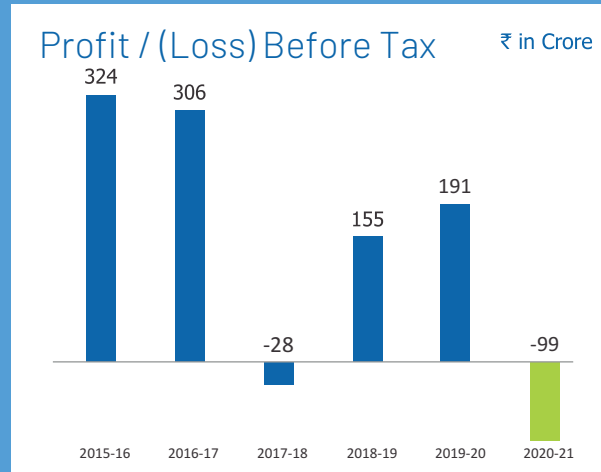
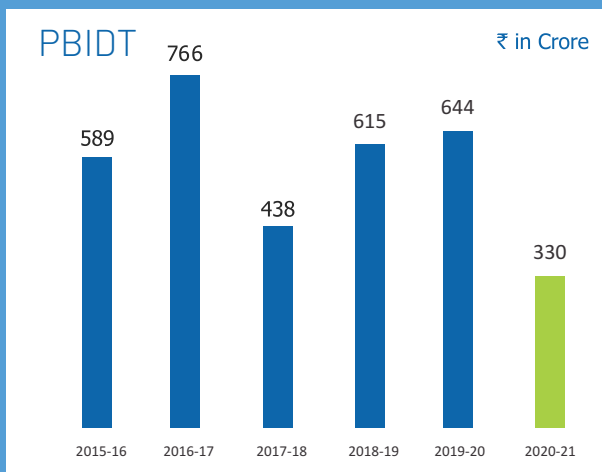
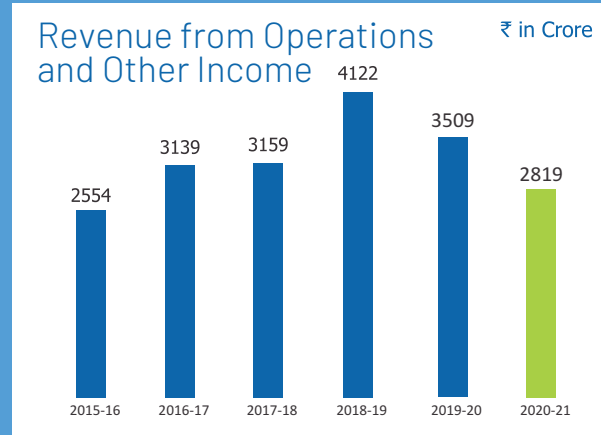
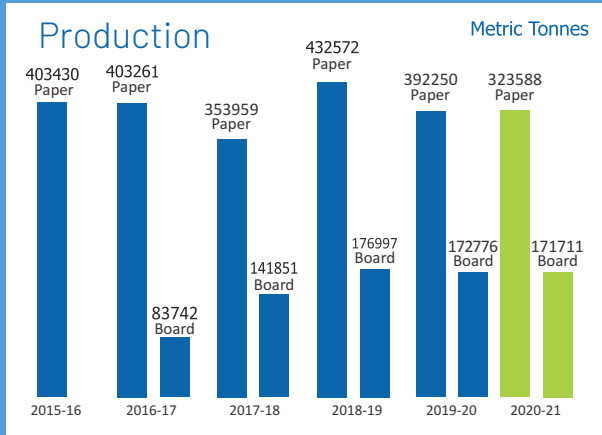
10 Years at a Glance



Description	2020-21	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15	2013-14	2012-13	2011-12
Revenue (Rs in Lakhs)										
Revenue from Operations & Other Income	281910	350864	412195	315870	313872	255384	215237	230195	188118	153899
PBIDT	32997	64436	61524	43847	76591	58919	52236	52320	42207	43543
Depreciation & Amortisation	23533	23124	22668	22183	20768	14377	13730	19232	17500	16905
Finance Cost	19333	22259	23336	24463	25202	12185	15493	12821	12097	14127
Profit Before Tax (PBT)	-9869	19053	15520	-2799	30621	32358	23013	20268	12611	12511
Income-tax	-3358	6050	6081	1417	4164	6377	6340	4150	3463	1617
Profit After Tax (PAT)	-6511	13003	9439	-4216	26457	25981	16673	16118	9148	10894
Balance Sheet (Rs in Lakhs)										
Equity										
Share capital	6938	6938	6938	6938	6938	6938	6938	6938	6938	6938
Other Equity	152739	164353	158230	153375	163527	144022	113226	107660	96610	90131
Shareholders Fund (Net worth)	159677	171291	165168	160313	170465	150960	120164	114597	103548	97069
Non-Current Liabilities										
Borrowings	194705	121140	124699	145032	165212	193872	136917	63699	65729	85083
Deferred tax liabilities (Net)	21531	25415	22865	22166	20853	23379	35959	31664	29046	26976
Non-Current Liabilities - Others	15902	14324	10847	11039	10523	10044	10133	9154	8397	7434
Current Liabilities										
Borrowings	33635	56749	28314	50857	74259	59040	47528	45040	49586	58341
Current maturities of Long Term borrowings	42823	39871	42851	46669	42871	15777	22121	38772	34707	29955
Current Liabilities-Others	130060	128875	158404	116389	79525	88799	96927	68339	57090	50632
Total Equity and Liabilities	598333	557665	553148	552465	563438	541871	469750	371265	348102	355490
Non Current Assets										
Net Assets including CWIP and Intangible Assets	445437	379615	390263	408901	415797	425201	304083	252819	254101	249593
Non-Current investments	55	28	67	103	107	99	114	114	114	114
Non-Current assets others	14132	17371	6494	9839	11502	10025	42119	26931	11146	12810
Current Assets	138709	160651	156324	133622	136032	106545	123433	91400	82741	92973
Total Assets	598333	557665	553148	552465	563438	541871	469750	371265	348102	355490
No of shares	69210600	69210600	69210600	69210600	69210600	69210600	69210600	69210600	69210600	69210600
Book value Per Share ₹	230.71	247.49	238.65	231.63	246.3	218.12	173.62	165.58	149.61	140.25
EPS ₹	-9.41	18.79	13.64	-6.09	38.23	37.54	24.09	23.29	13.22	15.74
Dividend %	30	60	75	50	75	75	60	60	50	50
Debt (LTL) to Equity	1.49	0.94	1.01	1.20	1.22	1.39	1.32	0.89	0.97	1.19

From 2011-12 to 2014-15 as per Revised Schedule VI, From 2015-16 onwards as per Ind AS, Previous year 2019-20 figures have been regrouped to confirm to the current year 2020-21 figures wherever necessary

Figures at a Glance

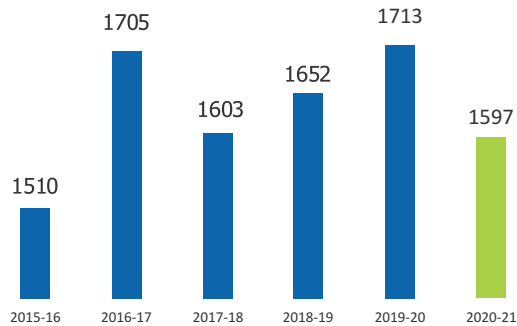


Figures at a Glance

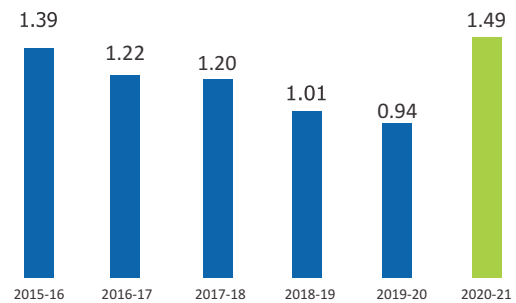


Networth

₹ in Crore

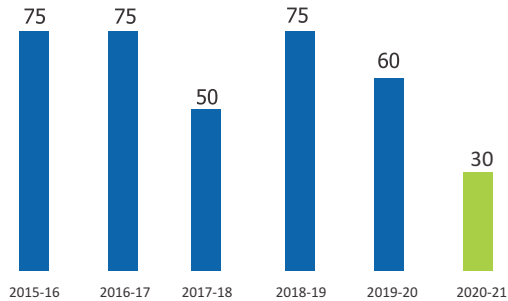


Long Term Debt Equity Ratio



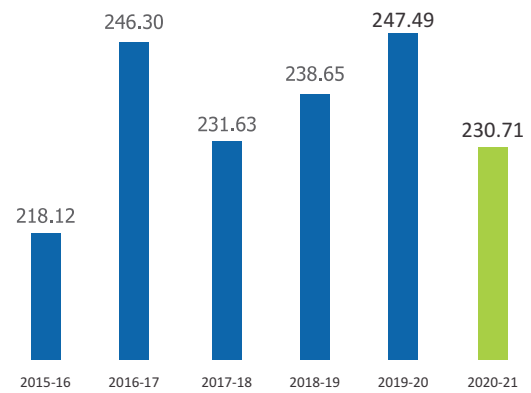
Dividend

Percentage (%)



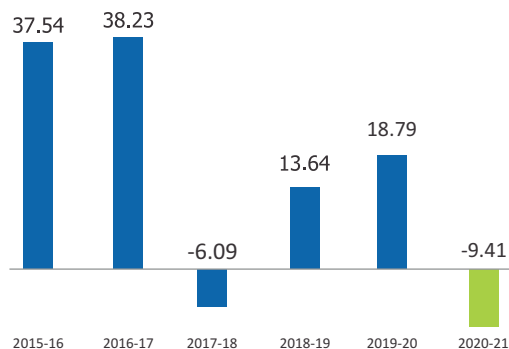
Book Value per Share

(₹)



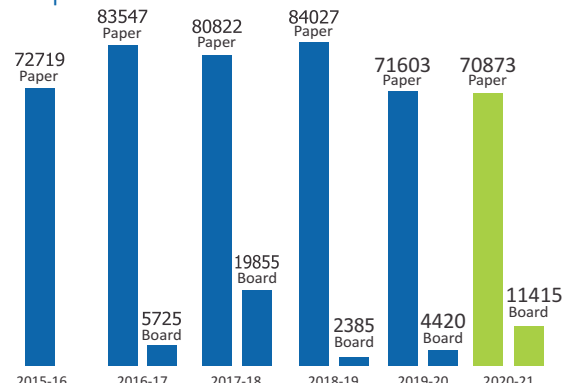
Earning Per Share (EPS)

(₹)



Exports

Metric Tonnes



Sustainability through cutting edge Technologies



TNPL heralded its journey in the Paper industry in the early 80's, with a view to utilize the bagasse – sugarcane residue available in the sugar mills – as a primary raw material. This, in turn, conserves the valuable forest resources of the country. TNPL also took up the challenge of making Newsprint using Bagasse as raw material. Over the years, TNPL has perfected the Bagasse pulping technology, right from its storage, preservation of quality, pulping and bleaching. Today, TNPL is an acknowledged leader in the technology of manufacture of paper from bagasse. Started with an initial capacity of 90,000 tonnes per annum (tpa) on a single Paper Machine during 1984, the capacity of TNPL's Unit-I in Kagithapuram has been enhanced to 400,000 tpa in 2011, by implementing three major brown field expansions. During its mill operation for over three decades, TNPL brought several new technologies in the company's fold like ECF bleaching of both Hardwood and Bagasse pulp, Oxygen delignification, Integrated Chlorine dioxide technology, Wash presses, Odour free

recovery boiler, Collection and Incineration of NCG (Non-Condensable Gases), production of bio-gas from bagasse wash effluent. A state-of-the-art Deinked pulp line with three loop, two disperser system followed by Oxidative and Reductive bleaching is the first of its kind in India. With this modern Deinked pulp line, the mill is producing high brightness pulp, used for printing and writing manufacture. Today, by way of implementing various advanced technologies, TNPL enjoys the status of the most environmentally benign mill in the country with least water consumption. The mill is also examining the possibilities of moving towards Zero Liquid Discharge, by adopting modern technologies.

In order to address the solid waste disposal related to the Lime Sludge and Fly ash, TNPL came out with a novel idea of setting up a Mini Cement Plant to convert these waste materials into high grade cement. TNPL is manufacturing about 900 tpd of high grade cement



TNPL is the most environmentally conscious and eco-friendly mill in the country with least water consumption

Mill Expansion Plan of Unit II - Erection of Chemical Recovery Boiler in progress

which is well received in the market. This is the first of its kind in the Indian Paper Industry.

Considering the business opportunity in an allied segment, TNPL made a foray into the Paper Board segment and established a project for manufacture of Paper Board. TNPL's Unit-II, about 90 KM away from Unit-I, has a Multilayer Coated Paper Board machine (BM-4) for manufacturing 200,000 MT of board per annum, along with a 30 MW captive co-generation

power plant. The Unit was commissioned in January 2016 – with a record time of 22 months from the date of commencement of civil works. Like in Unit-I, the Unit-II also has several latest technologies incorporated in the mill operations. The Board machine has a four layer forming section, first of its kind in the country. The Board machine is totally controlled by a state-of-the-art Distributed Control System (DCS) and Quality control systems (QCS). The project features a full-fledged Automatic Storage and Retrieval System (ASRS) with a capacity to store

TNPL manufactures about 900 tpd of high grade cement that is well-received in the market. This idea of 'solid waste to wealth' is the first of its kind in the Indian Paper Industry.

Bird's eye view of TNPL Unit I facility



Project Site - Mill Expansion Plan in Unit II under implementation

