



NLC India Limited

(‘Navratna’ - Government of India Enterprise)
Registered Office: No.135, EVR Periyar High Road, Kilpauk, Chennai-600 010.
Corporate Office: Block-1, Neyveli-607 801, Cuddalore District, Tamil Nadu.
CIN : L93090TN1956GOI003507, Website: www.nlcindia.in
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Lr. No. Secy/Reg.30/2023

Date: 12.01.2024

To National Stock Exchange of India Ltd. Plot No. C/1, G Block, Bandra-Kurla Complex, Bandra (E), Mumbai - 400 051. Scrip Code: NLCINDIA	To BSE Ltd. Phiroze JeeJeebhoy Towers, Dalal Street, Mumbai - 400 001. Scrip Code: 513683
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Sir/Madam,

**Sub: Intimation under Regulation 30 of SEBI LODR Regulations, 2015 -
Schedule of Non-deal Investor Roadshows and Presentation - Reg.**

In compliance of Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements), Regulations, 2015, we wish to inform that the Management of the Company will be participating in, Non-deal International Roadshows from 17th & 18th January, 2024 at Singapore and 19th January, 2024 at Hongkong organised by ICICI Securities and DAM Capital Advisors. We also herewith attach the presentation for information and records.

This is for your information and record.

Thanking You,

Yours Faithfully,

For NLC India Limited

**Company Secretary &
Compliance Officer**



NLC India Limited

A "Navratna" – Government of India Enterprise

Investor Road Show



Disclaimer



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All forward-looking statements are subject to risks, uncertainties and assumptions about us that could cause actual results to differ materially from those contemplated by the relevant statement. These forward looking statements are based on our current plans and expectations. Actual results may differ materially from those suggested by the forward-looking statements due to risks or uncertainties associated with our expectations with respect to, but not limited to, regulatory changes pertaining to the industries ability to respond to them, our ability to successfully implement our strategy, our growth and expansion, technological changes, our exposure to market risks, general economic and political conditions which have an impact on our business activities or investments, the monetary and fiscal policies of India, inflation, deflation, unanticipated turbulence in interest rates, foreign exchange rates, equity prices or other rates or prices, the performance of the financial markets in India and globally, changes in Indian laws, regulations and taxes and changes in competition in our industry etc. These forward-looking statements include all matters that are not historical facts. They appear in a number of places throughout this presentation and include statements regarding the Company's intentions, beliefs or current expectations concerning, amongst other things, its results or operations, financial condition, liquidity, prospects, growth, strategies and the industry in which the Company operates. No representation, warranty or undertaking, express or implied, is made or assurance given that such statements, views, projections or forecasts, if any, are correct or that the objectives of the Company will be achieved

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- ✓ *A 'Navratna' CPSE incorporated in 1956. Under the administrative control of Ministry of Coal*
- ✓ *Paid up Equity Share Capital - Rs. 1,386.64 Crore (GoI holding - 79.20% as on 30.09.2023)*
- ✓ *Regional Presence to National Level Presence*



- ✓ *Robust Financial Performance in Revenue, Profit and Net worth. Highest domestic credit rating . Consistent track record of Dividend.*
- ✓ *Skilled Manpower*
- ✓ *Present Composition of Board - Total 11 Directors (5 Functional Directors including CMD, 2 Government Nominee Directors and 4 Independent Directors).*

Diversified Energy Portfolio of Fossil Fuel Mining, Thermal Power Generation & Renewable Power.

All power plants have long term PPA coupled with fuel security via linked pit head mines.

Expertise in Renewable Power Generation and Power trading.

Availability of lignite, coal and water for power generation.

Expertise in open-cast mining with SME technology.

Expertise in lignite & coal fired power station.

Strong track record of growth and financial performance.

Expertise in ground water management.

Board of Directors

	 <p>Shri M. Prasanna Kumar Chairman and Managing Director</p>	
Part-time Official Director	 <p>Smt. Vismita Tej (IRS) Additional Secretary, Ministry of Coal, GoI.</p>	 <p>Dr. Beela Rajesh (IAS) Principal Secretary to Govt of TN, Energy Department</p>
Functional Directors	 <p>Shri K.Mohan Reddy Director - Planning & Projects</p>	 <p>Dr. Suresh Chandra Suman Director - Mines Director - Finance (Addl. Charge)</p>
	 <p>Shri Samir Swarup Director - Human Resource</p>	 <p>Shri M. Venkatachalam Director - Power</p>
Independent Directors	 <p>Shri Subrata Chaudhuri Independent Director</p>	 <p>Shri Prakash Mishra Independent Director</p>
	 <p>Prof. Nivedita Srivastava Independent Director</p>	 <p>Shri M.T.Ramesh Independent Director</p>

Note : Composition of the Board of Directors as on 31.12.2023

Vision & Mission and Core Values

Vision

To emerge as a leading Mining and Power Company, with social responsiveness accelerating Nation's growth

ESG Vision :

To continue to be a socially responsive company.

Mission

- *Continue to develop and sustain expertise in Power and Mining with focus on growth and financial strength*
- *Be socially responsive, achieve sustainable development and be sensitive to emerging environmental issues*
- *Strive to achieve excellence in processes and practices*
- *To nurture talent, encourage innovation and foster collaborative culture*

ESG Mission

- *To play an active role in society and be sensitive to emerging environment issues.*

Core Values

N- National Orientation

C - Customer Focus

L - Learning, Development and Resilience

O - Organisational Pride and Growing Together

C- Commitment to Excellence

M - Mutual Trust and Teamwork

I - Innovation and Creativity

M - Motivation

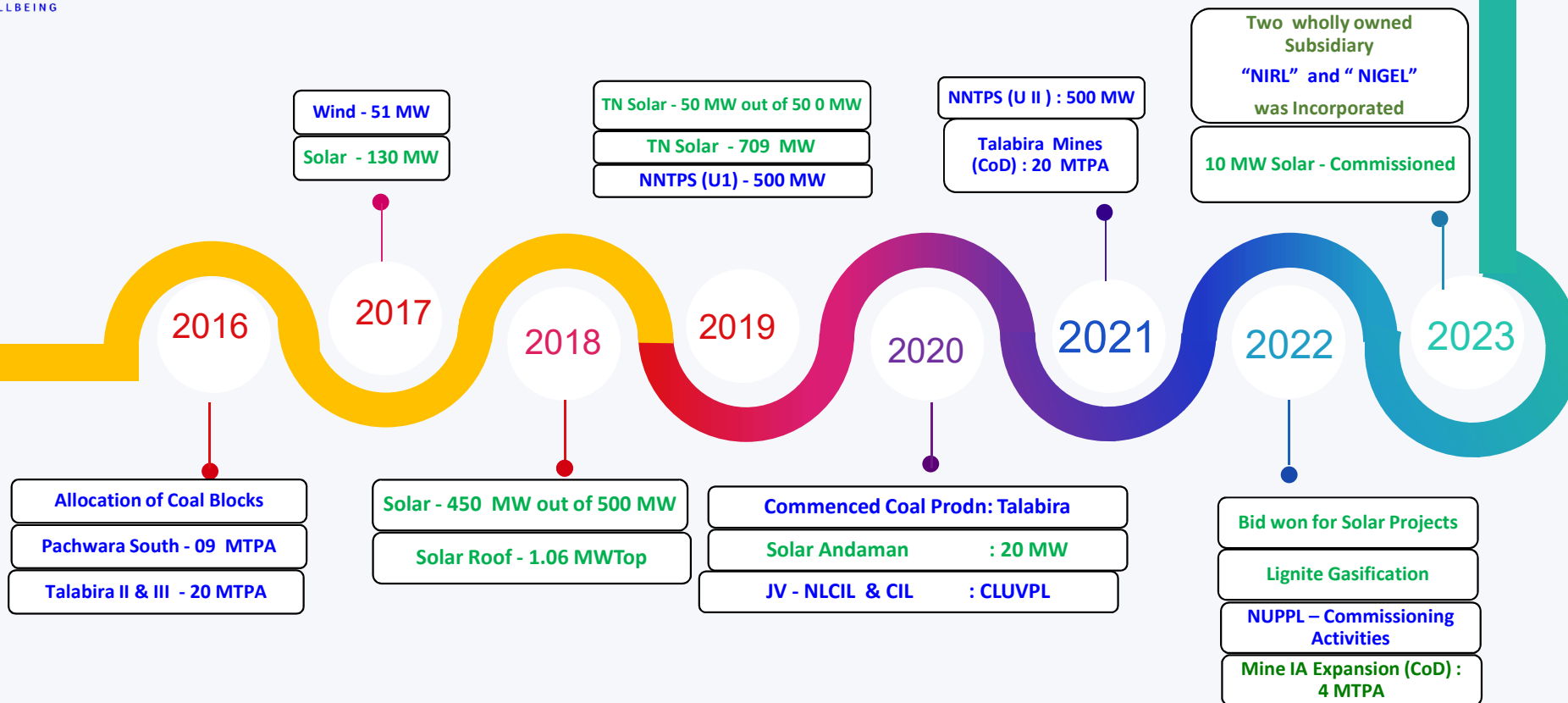
L - Loyalty and Leadership

I - Integrity, Accountability, and Transparency

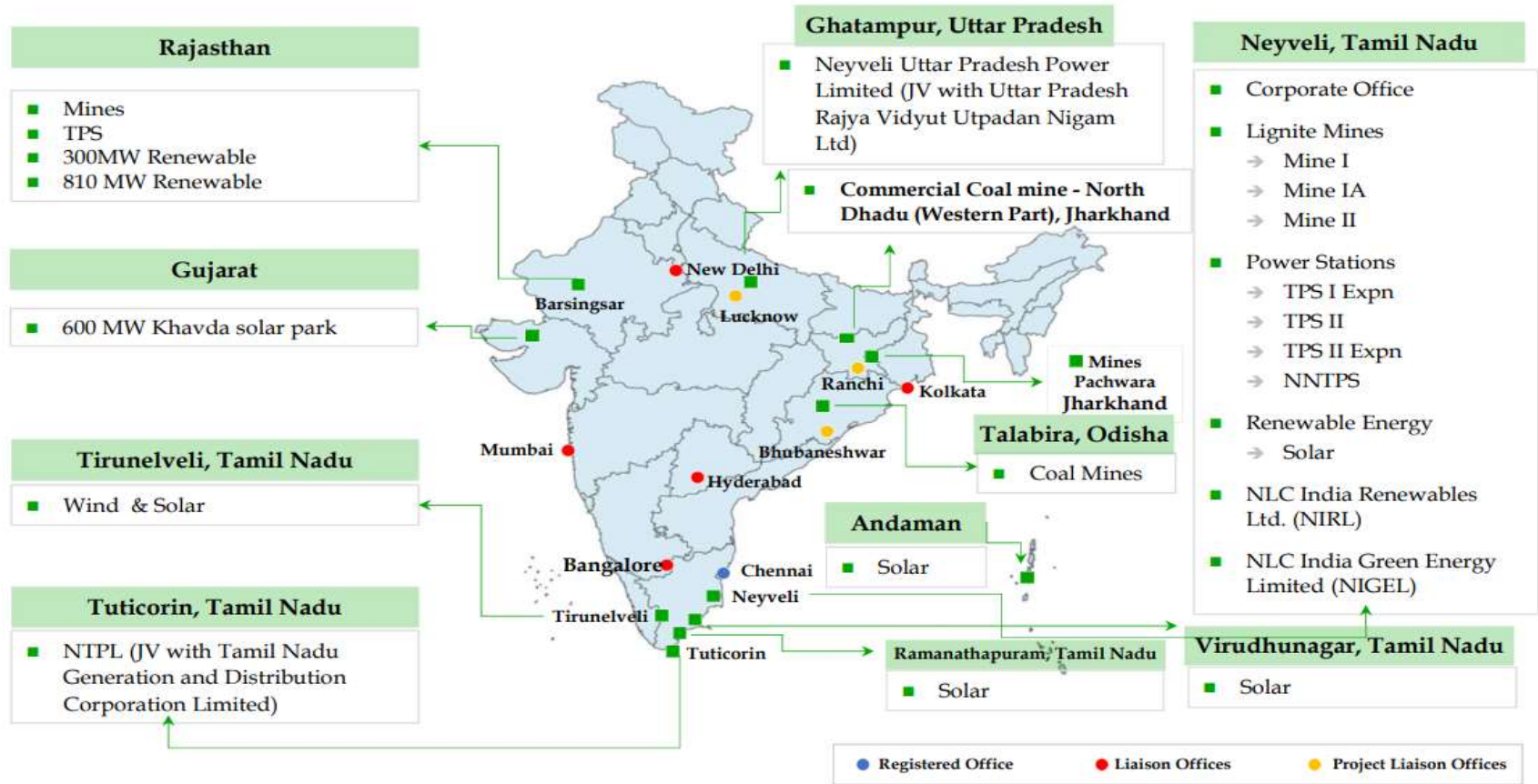
T - Total Quality and Total Wellness

S - Safety and Sustainability

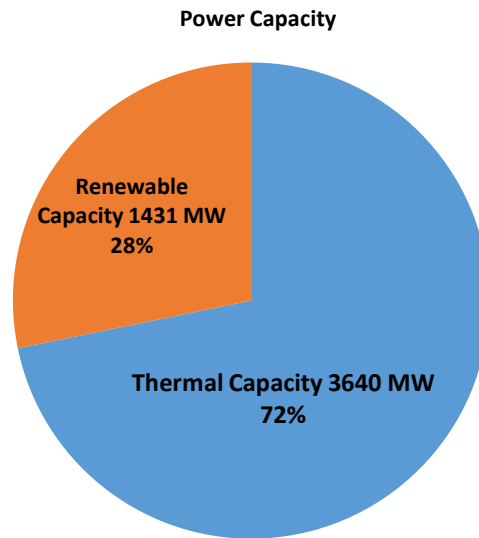
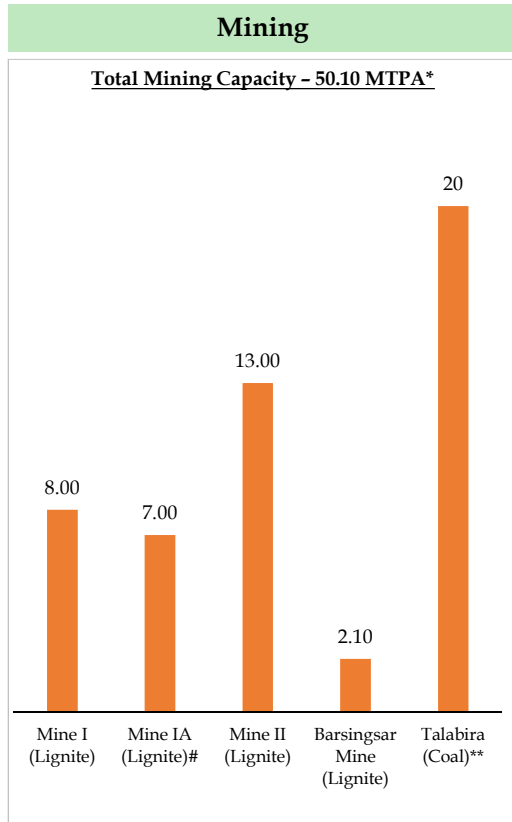
NLCIL MAJOR MILESTONES ACHIEVED - PAST 8 YEARS



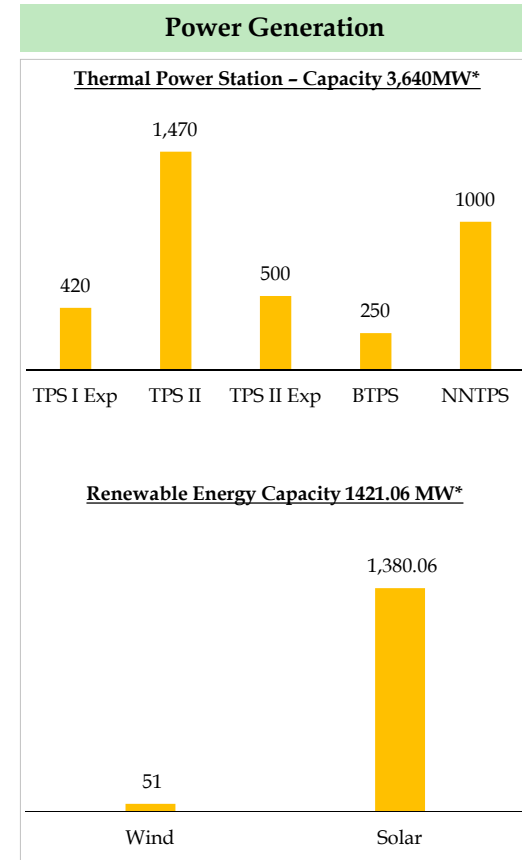
NLCIL Incorporated in 1956
NLCIL Listed in BSE on 1999 and NSE on 2000
NLCIL received Navratna Status in 2011



Note:- Map not to scale; TPS = Thermal Power Station.



Total Capacity : 5071 MW



*Existing Capacity as on 30.09.2023.

** CoD of Talabira Coal Mines is on 01.04.2021 Achievement of Full Capacity expected by Jan 2027

CoD of Mine IA Exp is on 01.04.2022 and achievement of full capacity of 4 MTPA expected by 2028

Strong In-House Capabilities

Expertise in Open Cast Mining & Power Generation

Mining

- Vast experience in operation, maintenance and project management and consultancy in open- cast mining
- Asset bank of specialised mining equipments for open cast mining:
 - German excavation technology
 - 32 Numbers of Bucket Wheel Excavators
 - 5 Number of Reclaimers
 - Conveyor length -116.09 KMs

Power Generation

- Experience in operating lignite based thermal power station and consultancy in Renewable power project.
- NLCIL is the 1st Company to cross 1 GW of renewable energy, which is highest ever achieved by any CPSE.

Lignite / Coal Resources for Captive Consumption

- Captive fuel source with power plants located at the pit heads of Lignite mines
- Greater flexibility in terms of adjusting the lignite production to adjust for variations in power demands and power generation at thermal power plants
- Out of total measured lignite reserves of 7511.52 Million Tonne in India as on 31.03.2023, NLCIL accounts for 5203.50 Million Tonne from Neyveli Lignite Field, Barsingsar, Bithnok and Hadla
- Coal from Talabira is presently transferred /sold to NTPL, NTPC and Open sales
- Talabira Coal mines Production in FY 2023-24 (Upto Dec 23) is **8.22 MT**

Lignite / Coal Mining of NLCIL

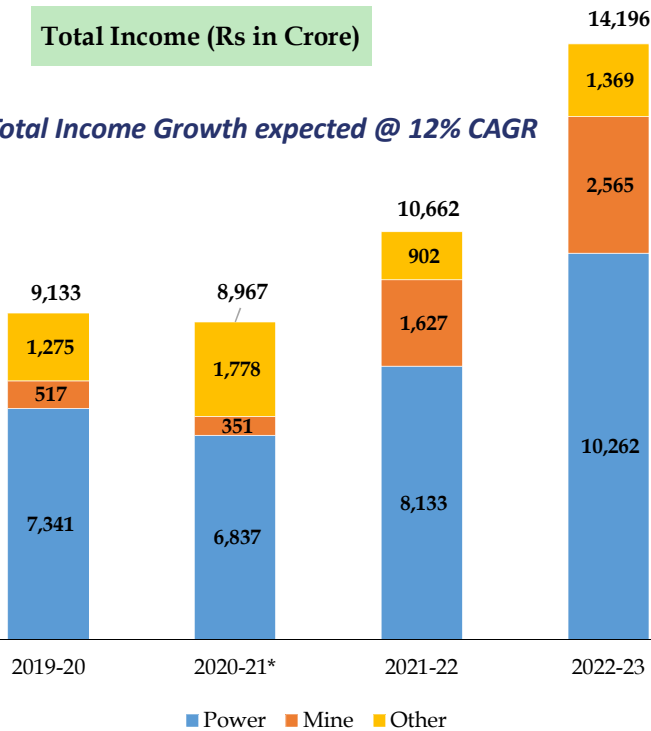
- All India Lignite production during 2022-23 is 42.48 Million Tonne. Out of the same NLCIL share is 23.53 Million Tonne, which is 55.39% as compared to 52.32% in FY 2021-22.
- Operating the Talabira Coal mine through MDO Mode with target of attaining full rated capacity by 2027-28



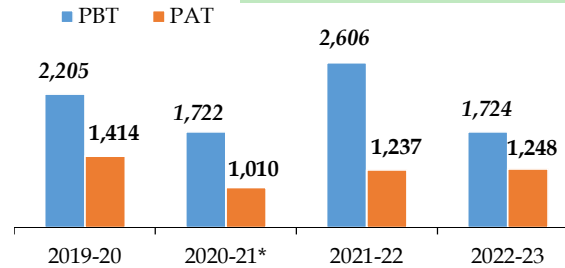
Financial Performance

Total Income (Rs in Crore)

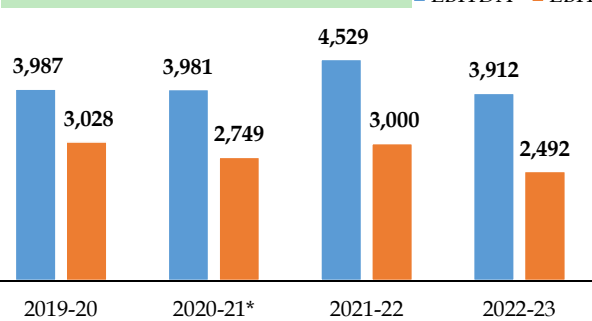
Total Income Growth expected @ 12% CAGR



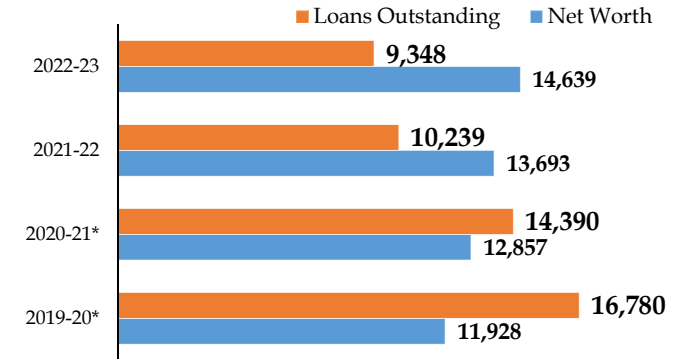
PBT & PAT (Rs in Crore)



EBITDA & EBIT^ (Rs in Crore)



Network & Loans Outstanding (Rs in Crore)



Key Financial Ratios

	2019-20*	2020-21*	2021-22	2022-23	2023-24 (H1)
OPM^ (%)	22.90	13.65	21.66	11.73	34.80
NPM (%)	15.48	13.78	12.47	11.71	23.09
ROCE (%)	4.59	9.10	11.29	9.27	9.30
RONW (%)	11.85	7.86	9.03	8.53	9.19
Current Ratio	1.22	1.23	1.64	1.85	1.79
Quick Ratio	1.02	0.99	1.36	1.65	1.59

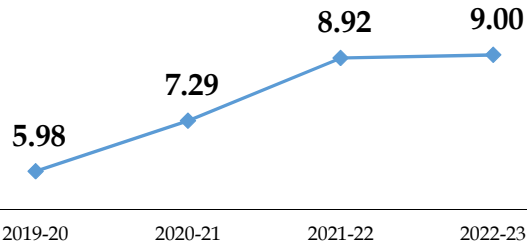
Consolidated Revenue FY 22-23*-USD 1.97 bn

Consolidated EBITDA FY 22-23* -USD 0.60 bn

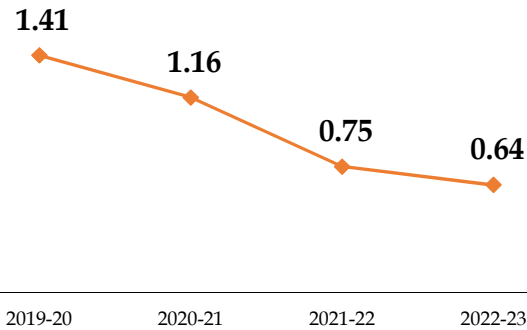
Consolidated Net worth as on Sep-23- USD 1.93 bn

^ EBITDA, EBIT computed considering Net Movement in Regulatory Expenses/Income and without considering Exceptional Item.
Note : Source from NLCIL Financial Results & Annual Reports and figures representing NLCIL Standalone;

Earnings Per Share* (Rs.)



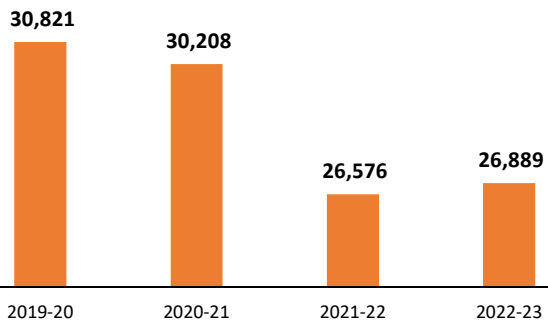
Debt-Equity ratio*



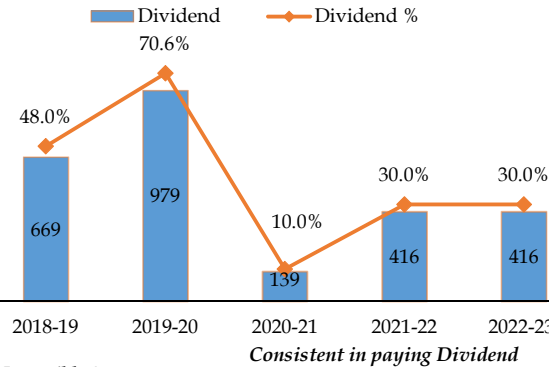
Credit Ratings (Long Term Borrowings)

Agency	Rating
CRISIL	AAA/Stable
ICRA	AAA/Stable
CARE	AAA/Stable
Infomerics	AAA/Stable
India Rating	AAA/Stable

#Capital Employed* (Rs in Crore)



^Dividend Trend (Rs in Crore)



AAA/Stable Rating is the Highest Credit rating in India.

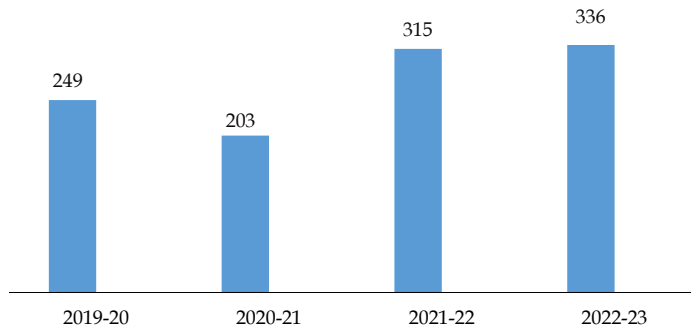
Credit Ratings (Commercial Paper)

Agency	Rating
CARE	A 1+
India Rating	A 1+

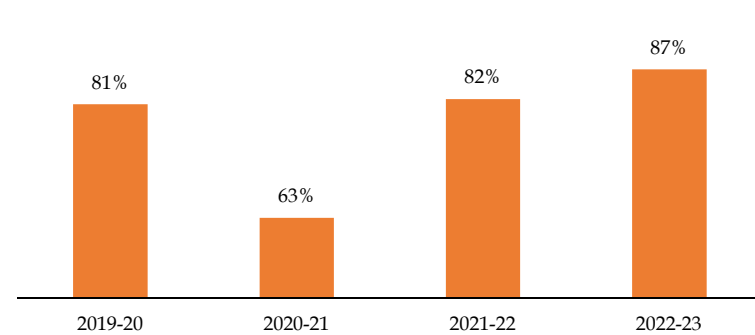
Capital employed is tangible net worth plus outstanding borrowings and DTL less Intangible Assets
 Note : Source from NLCIL Financial Results & Annual Reports and figures representing NLCIL Standalone

Operational Performance – Mining Segment

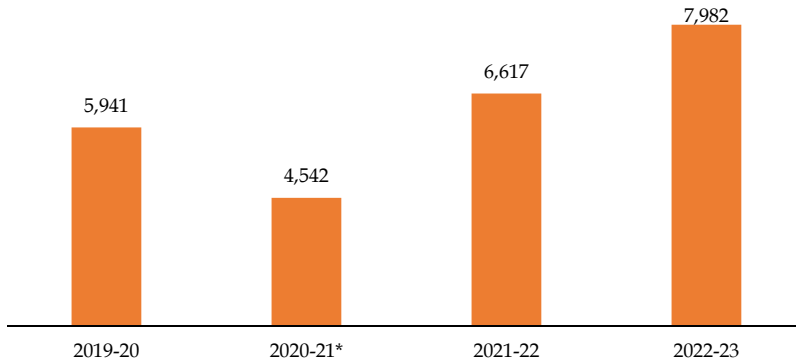
Lignite & Coal Production (LT)**



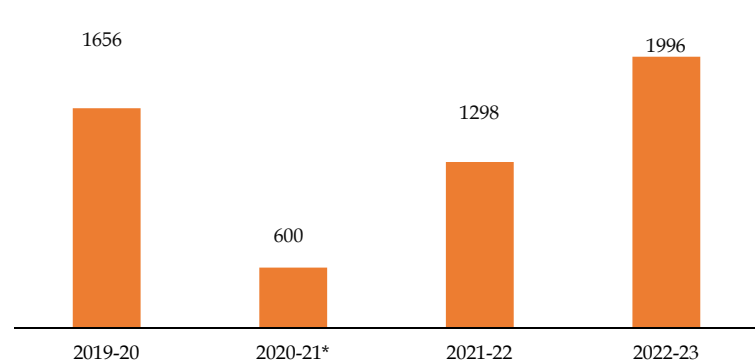
#Capacity Utilization (%)



Revenue (Rs in Crore)

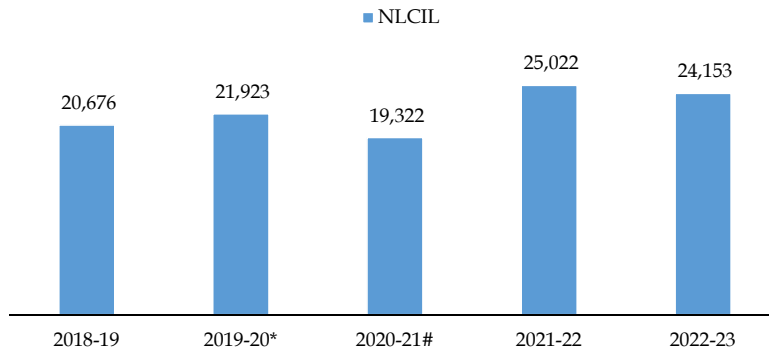


Segment Results (Rs in Crore)

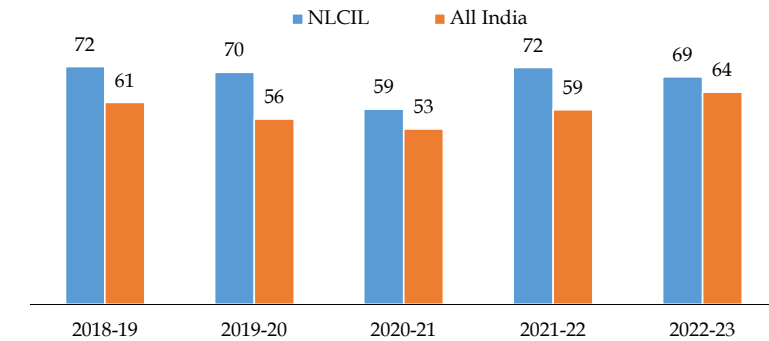


Capacity utilisation for Lignite mines ** includes coal production of 10.13 LT in FY:2020-21, 63.58 LT in FY:2021-22, 100.26 LT in FY22-23 & 45.99 LT in FY23-24
 Note : Source from NLCIL Financial Results & Annual Reports and figures representing NLCIL Standalone financial statements

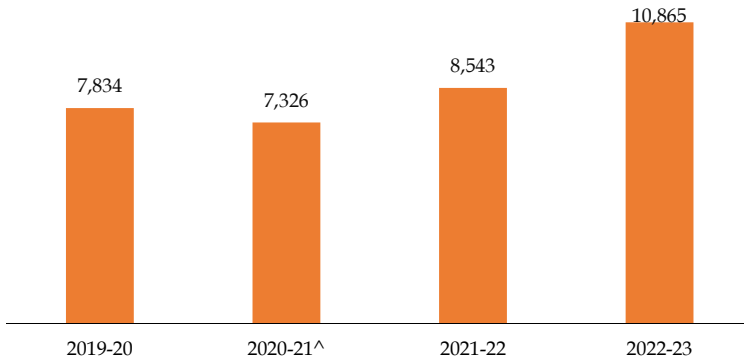
Power Generation (MU)



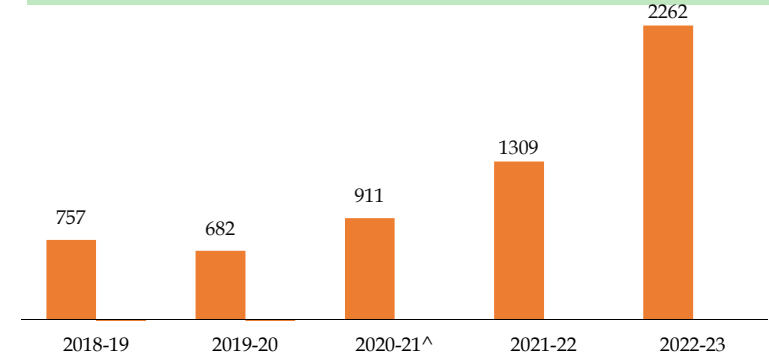
PLF (%) Comparison - Thermal



Revenue from Operations (Rs in Crore)



Segment Results (Rs in Crore)



* Includes infirm power of NNTPS Unit-I and 709 MW Solar

#Includes infirm power of NNTPS Unit II

Source: Standalone Financial Results FY 2022-23

Forward Outlook @2030

Lignite : 30.1 MTPA
Coal : 20 MTPA

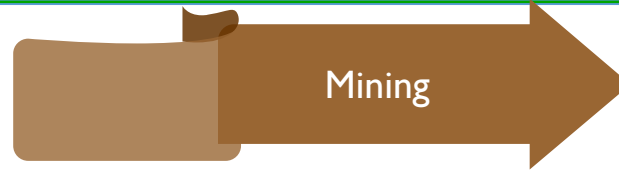
Mining : 50.1 MTPA Capacity

NLCIL : 3640 MW
JV : 1000 MW

Thermal : 4640 MW Capacity

Solar : 1380 MW
Wind : 51 MW

RE Capacity: 1431 MW

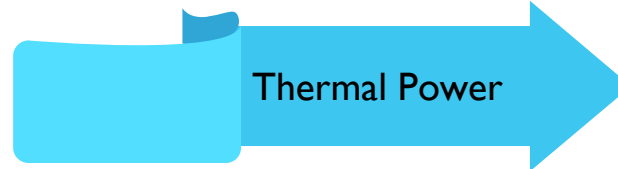


Mining

CAPEX Planned: Rs. 8,351 Cr

Lignite : 55.35 MTPA
Coal : 45 MTPA

Mining : 100.35 MTPA Capacity



Thermal Power

CAPEX Planned: Rs. 46,023 Cr

NLCIL : 8160 MW
JV : 2980 MW

Thermal : 11,140 MW Capacity



Renewable Power

CAPEX Planned: Rs.23,402 Cr

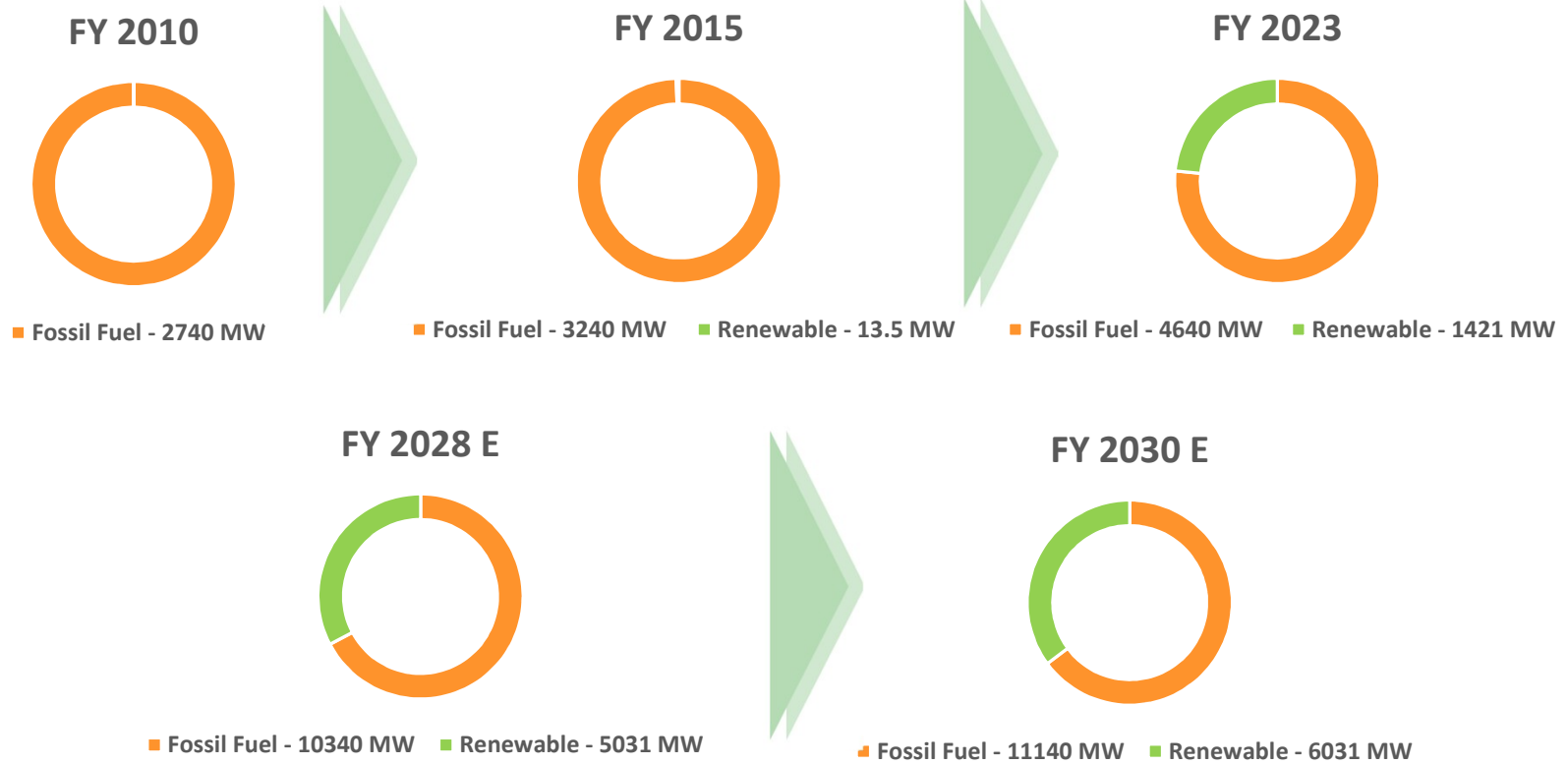
Solar : 5880 MW
Wind : 151 MW

RE Capacity: 6,031 MW

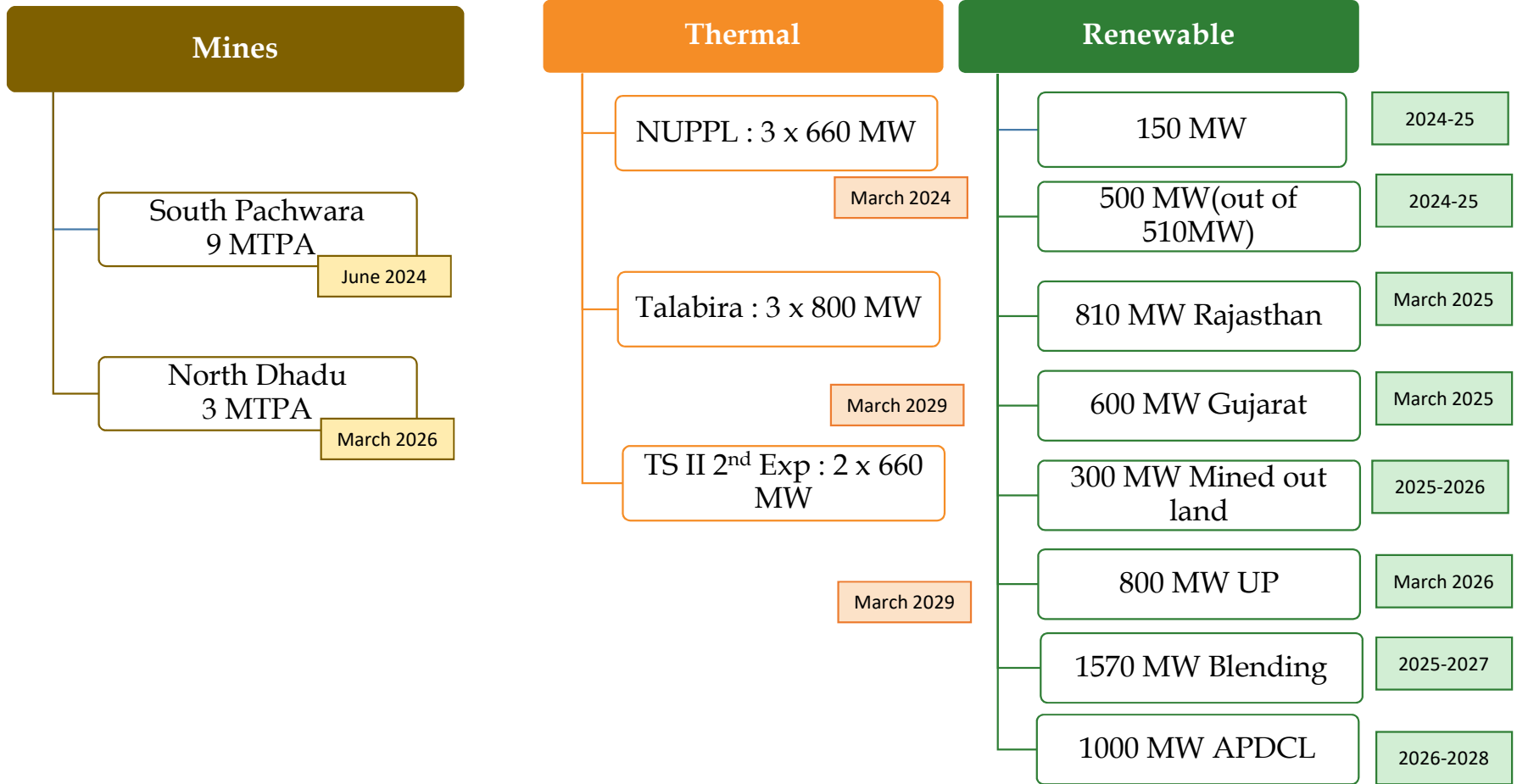
Total CAPEX Planned: Rs. 82,173 Cr

CAPEX planned for other Diversification Projects (LTM, OB to Sand and Gasification) is 4,398 Cr

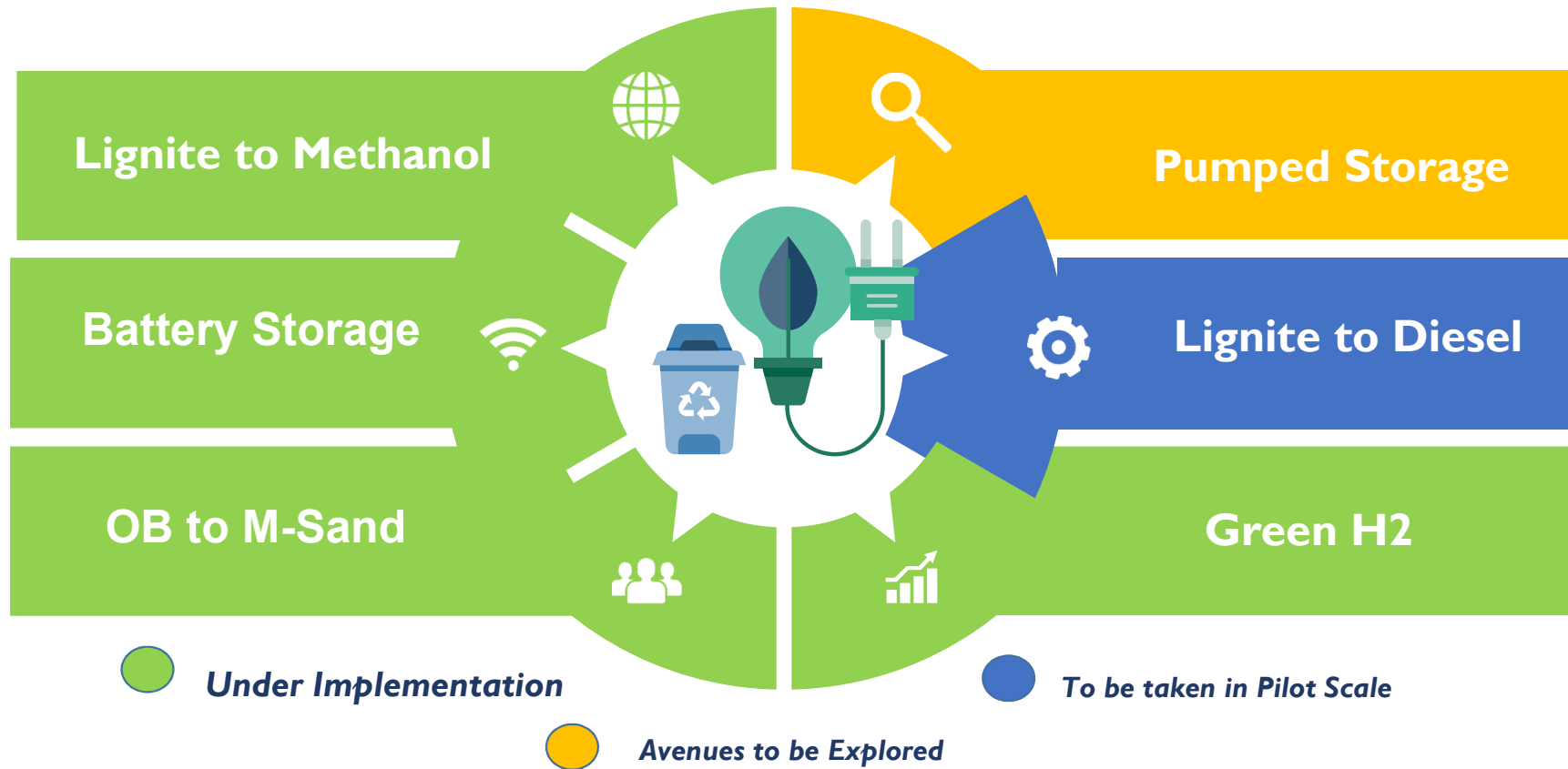
Capacity Mix



Projects Under Implementation & Development

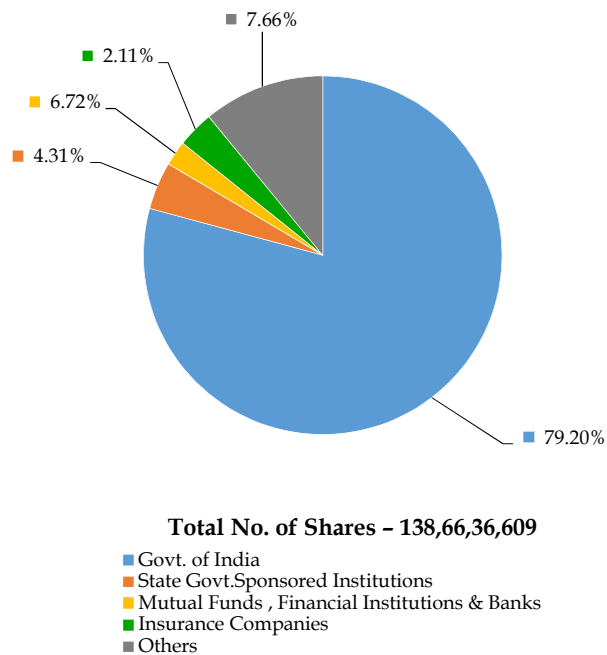


Diversification Projects



Shareholding Pattern

Shareholding Pattern*



No. of Shareholders

(A) Promoter & Promoter Group	
Govt. of India	1
(B) Public	
State Govt. - Sponsored Institutions	5
Foreign Portfolio Investors	70
Mutual Funds, Financial Institutions, Banks	55
Insurance	8
Others	2,06,768
Total	2,06,907
Market Cap - Rs. 32,253.94 Crore#	

*Shareholding Pattern as on 05.01.2024

#Market Cap as on 11.01.2024 (Closing Price of BSE @ Rs. 232.6)

Details of CSR expenditure (Rs. Cr)

Year	Norm	Actual
2020-21	46.74	46.74
2021-22	40.8	41.03*
2022-23	39.65	43.07
2023-24	40.27	18.60**

*Includes Rs. 0.23 Cr spent on CER Expenses of Talabira Project
 ** CSR Expenditure upto FY 2023-24 Q2

Green belt development

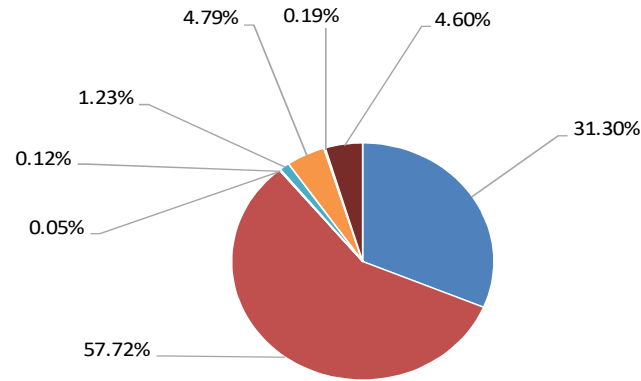


*Neyveli Township Overview
 Green Cover with
 191 lakh trees.*

*Paddy field on
 Reclaimed
 Mined land at
 Neyveli*



% of amount spent on CSR Activities in 2022-23



CSR Expenditure FY 2022-23: **Rs. 4307.39 Lakh**

- Promoting Health care and Sanitation
- Promoting Education and Employment Enhancing Skills
- Protection of national heritage, art and culture
- Measures for the benefit of armed forces veterans
- Promoting Rural Sports
- Rural development project
- Disaster Management, including relief, rehabilitation and reconstruction activities
- Administrative Over Heads



Energy Conservation

- Formed 14 industrial service units for adoption of energy conservation measures
- Installation of energy efficient equipment's
- Energy Audit for Thermal Power Stations
- Minimisation of idle running hours in crushers in TPSs
- Timer Processor units are being installed in outdoor lights
- Adding of capacitor banks through induction motors
- 50.77 MU of energy conserved through energy efficiency measures

Technology Absorption

- Extraction of construction grade sand from overburden materials
- Studies on Zeolite based catalyst for mitigation of exhaust gas pollution
- Exploring alternate use of lignite is in progress.

R & D Initiatives

- Prevention of Premature Failures and Enhancing Life of Bottom Rollers used in Bucket Wheel Excavators
- Feasibility of Setting up a pilot plant for Lignite to Syngas Integrated with Clean Power Generation by IGCC & Production of Value Added Chemicals
- Extraction of Diesel from Lignite
- Membrane-less, Chemical free, Plug and Play, Hassle Free; Water & Wastewater Treatment
- Smart IoT Controlled Cultivation of Herbal Crop
- Hydroponics Farming in the Backfilled Mines Area of NLCIL
- Development of Eco-Friendly Geo-Polymer Ash Based green bricks using solar heating
- Activated carbon development using lignite - HA sludge
- Establishing pilot plant for Green Hydrogen Production

Innovative Strategies for Sustainable Restoration of Mined Out Lands

Hi-Tech Cultivation

- ✓ Carried out in **100 Ha in all three NLCIL Neyveli Mines** (Mine-I – 40 Ha, Mine-IA – 30 Ha, Mine-II – 30 Ha)
- ✓ Advanced method of cultivation of vegetables with **Israeli concepts of Drip Irrigation and mulching technology** to achieve **enhanced fertility** in the inert soils of Mined out lands
- ✓ **Employment** - 200 Project Affected Persons
- ✓ **Crops** - Tomato, Brinjal, Cluster beans, Lady's Finger, Lab Lab, Green Chillies
- ✓ **Average cost of cultivation** - ₹ 8.79 lakhs (for 1 Ha with 2 crops including drip irrigation system)



Cucumber and Bell Pepper using Dutch Bucket Method

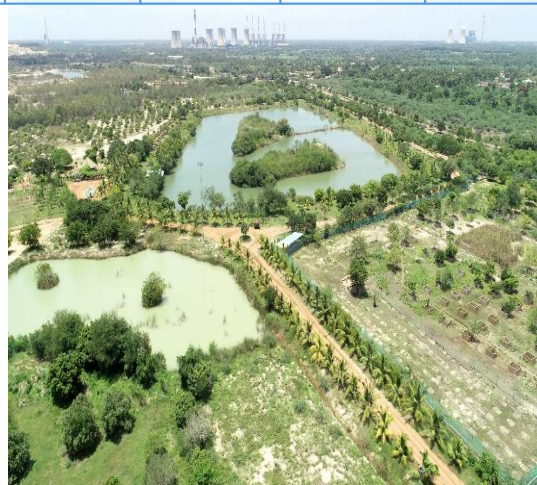
Hydroponics (Soil-less Cultivation)

- ✓ IoT enabled Hydroponics and Aeroponics at Mine-IA, NLCIL – Total Area - 1936 m²
- ✓ An R&D Project through Society for Innovation & Development (SID), IISc, Bengaluru.
- ✓ Cultivation:
 - 1st Phase : Cucumber in Dutch buckets
 - 2nd Phase : Bell peppers
- ✓ Trials for the project are ongoing



Strawberry Cultivation using Hydroponics at Mine-IA, NLCIL

S. No.	PARTICULARS	UNIT	MINE – I	MINE- IA	MINE- II	BLMP	Total
1	Area Mined Out since inception till 01.07.2023	Ha	2580.86	770.31	2535.92	266.00	6153.09
2	Area Reclaimed since inception till 01.10.2023	Ha	1252.93	372.26	1205.90	252.00	3083.09
3	Area afforested since inception till 01.10.2023	Ha	1112.40	310.35	927.06	126.00	2475.81
4	No. of Trees planted since inception till 01.10.2023	Nos.	11,76,689	2,31,484	16,30,325	1,10,201	31,48,699



Eco-Parks in Mine-I & Mine-II, NLCIL, Neyveli

Reclamation through rearing of livestock

- ✓ **Total Area** - 25 Ha
- ✓ **Consultant** - M/s. Vyakti Kendra India (VKI), Bengaluru
- ✓ **Duration of the project** - 5 years
- ✓ Presently, there are 68 cows, 61 calves and 3 bulls (totaling 132 no's) are in the campus
- ✓ **Panchakavyam and Jeevamrutham** - Increase micro-organisms, enhances biological reclamation, there by increase in the organic carbon and restores pre-mining ecological equilibrium
- ✓ **Employment** - Project Affected Persons - selected & trained by VKI.



Accolades to NLCIL



- ❖ Mine-I-Lignite mine Rated- **Five Star for 4 consecutive years 2021-22-1st Ranking** in India, 2020-21 -2nd Place in India, 2019-20- 3rd Place in India and 2018-19-2nd Place in India.
- ❖ Mine-II Lignite Mine Rated - **Five Star for 2 years 2020-21-1st Ranking in India** and 2018-19-3rd Ranking in India
- ❖ Barsingsar Lignite Mine- **Five Star Rating** in 2021-22 with 3rd Ranking in India

Other Accolades:

- ❖ NLCIL's Mine-II has been bestowed with the most prestigious **"National Safety Award 2021"** for Lowest Injury Frequency Rate per Million Cubic Metre Output.
- ❖ NLCIL's TPS-I Expansion has been bestowed with the prestigious **"CBIP Award 2022"** under the Category **"Best performing Thermal Power Sector"** on 03rd March 2023.
- ❖ NLCIL has been bestowed with the prestigious **"Tamil Nadu Annual Solar Award 2023"** at Suryacon Conference on 02nd February 2023.
- ❖ NLCIL bagged the prestigious award - **"Gasification - A Clean Energy Award 2022"** under the category New Gasification Project at the 13th Edition of Gasification India 2022 Conference held on 15th & 16th November 2022.



Thank You