



## 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  
email: [investors@nlcindia.in](mailto:investors@nlcindia.in) Phone: 044-28360037, Fax: 044-28360057



Lr.No.Secy/Reg.30 of LODR/2022

Dt. 05.07.2022

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

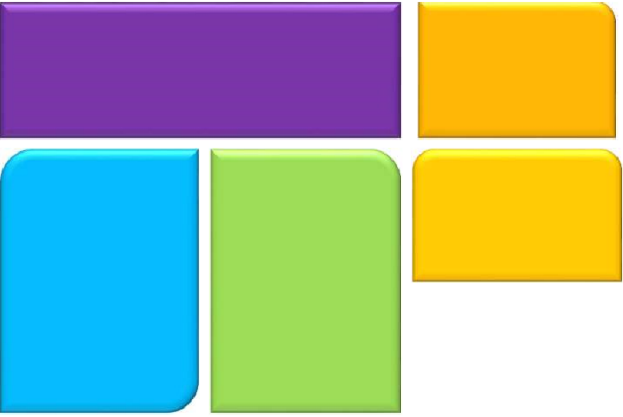
Dear Sirs,

Please refer to our letter Lr.No.Secy/Reg.30 of LODR/2022 dt. 05.07.2022 forwarding the copy of the Presentation given during the analyst meeting held on 5<sup>th</sup> July 2022, in compliance of Regulation 30 of LODR. Since there were some minor typographical errors in the above presentation filed, an updated version of the same is again filed herewith for your reference and record.

Thanking you,

Yours faithfully,  
for NLC India Limited

Company Secretary



# Investors & Analysts Meet



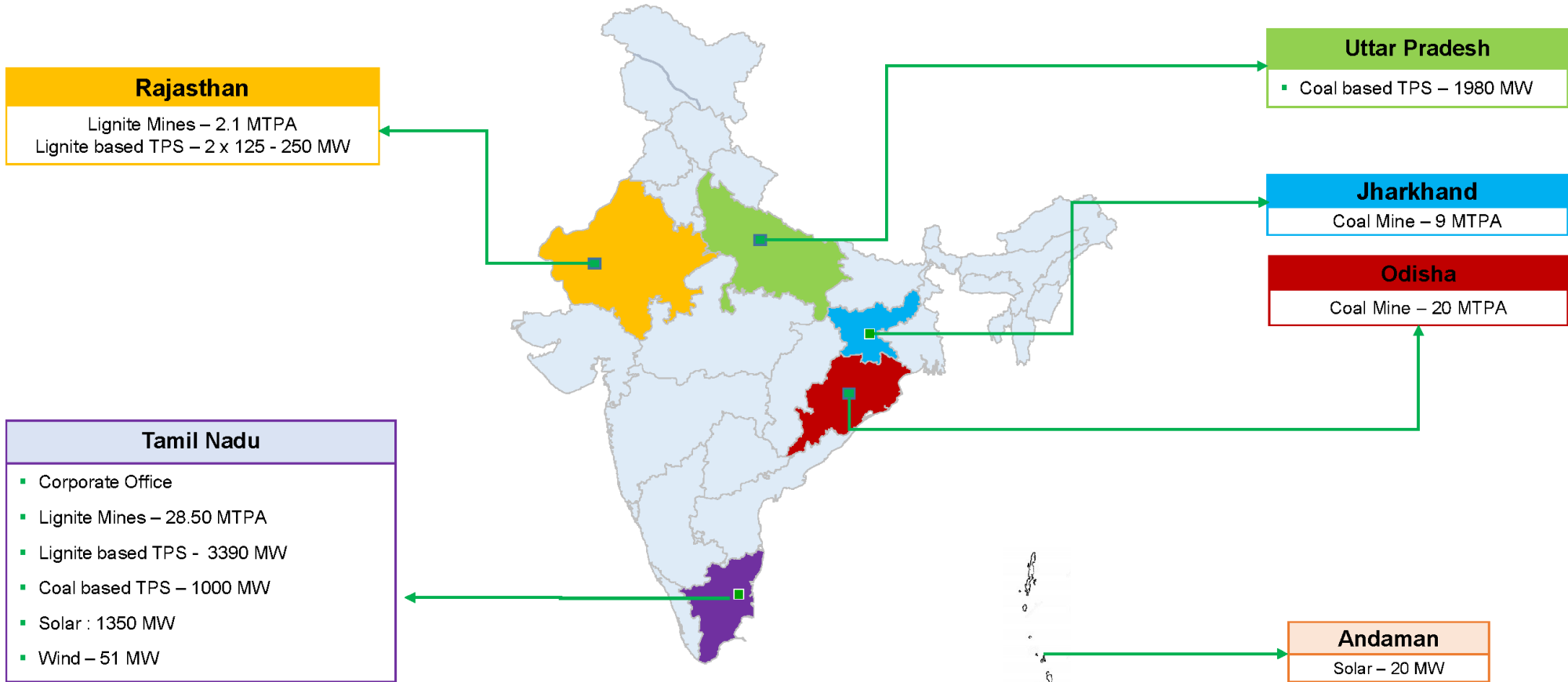
**NLC INDIA LTD**

Beyond Mining.....Beyond Energy.....

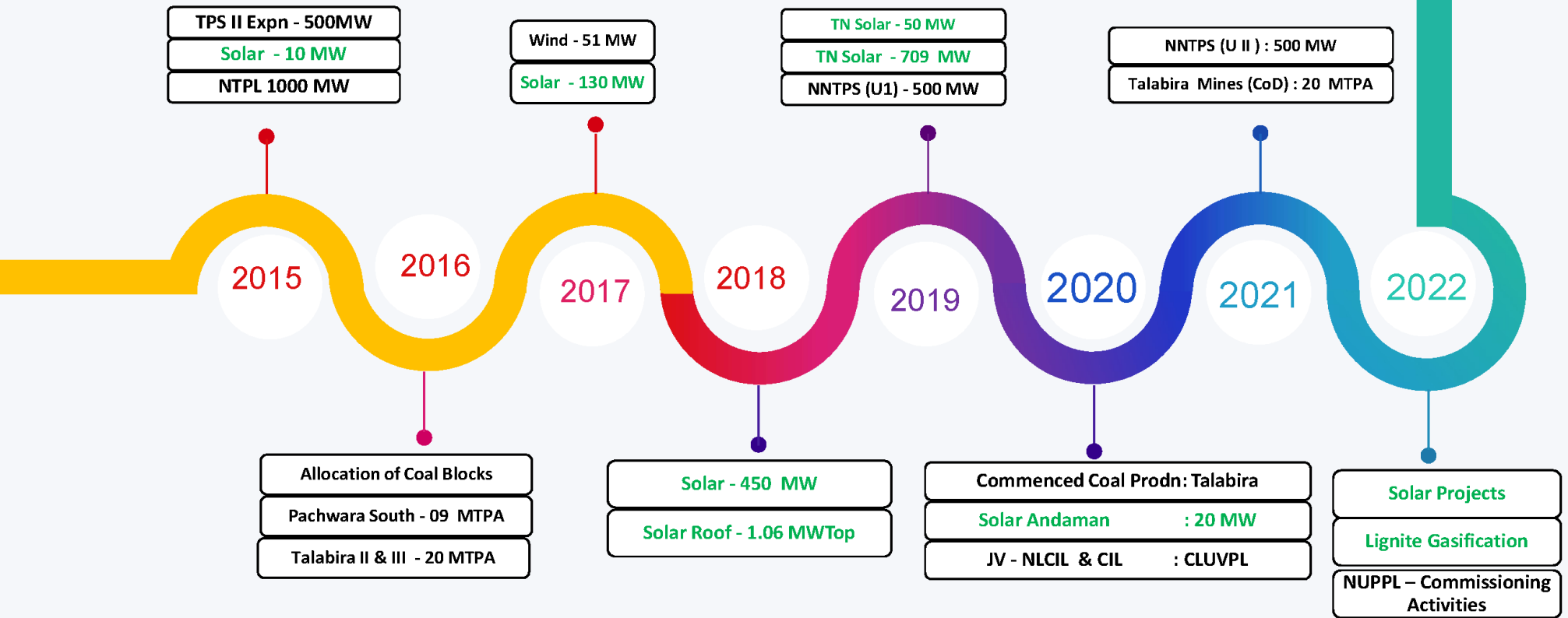


# NLCIL Overview





# NLCIL MAJOR MILESTONES ACHIEVED - PAST 8 YEARS



# MAJOR HIGHLIGHTS FY 2021-22

Highest Power Generation

• 25,022 MU → 30 % ↑ YoY (S)    29,204 MU → 19 % ↑ YoY (C)

Coal Production

• 6.35 MT    527 % ↑ YoY

Highest Bills Realisation

• Rs 15,486 Cr

Collection Efficiency

• 146%

CAPEX achieved

• Rs 2,542 Cr

Profit After Tax

• Rs 1,237 Cr → 22% ↑ YoY (S)

Ranked 8<sup>th</sup> in RTM Segment

• Traded Power → 1162 MU                      Revenue earned → Rs 354 Cr

Renewable Energy Projects Bagged

• 660 MW (Competitive Bidding)

Talabira Thermal Project (PPA Signed)

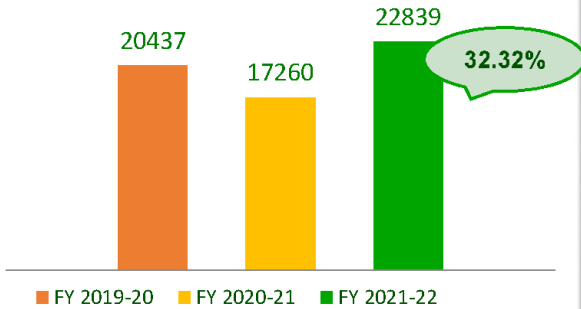
• 1500 MW (TN)                                      100 MW (Puducherry)

Revised R&R Policy

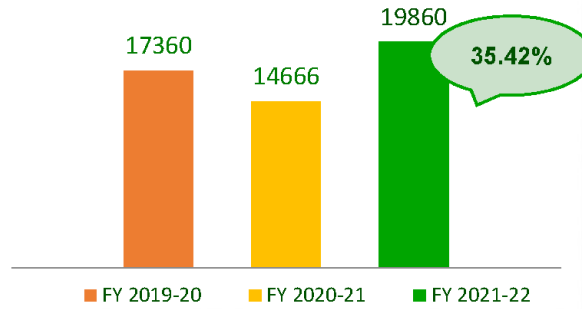
• With enhanced land compensation implemented for Neyveli Mines

# NLCIL Performance Highlights

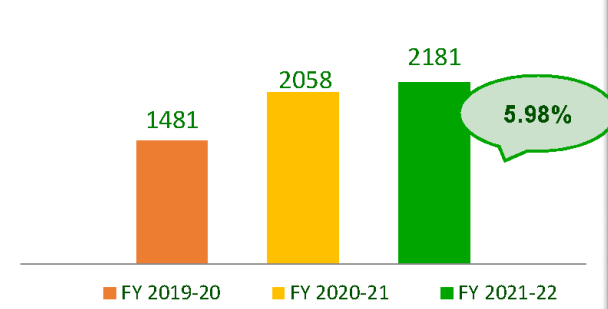
## Thermal Gross Generation MU



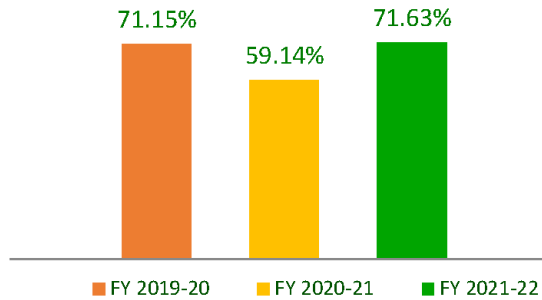
## Thermal Export MU



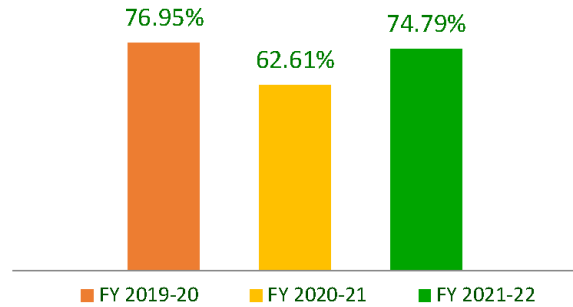
## Renewable Export MU



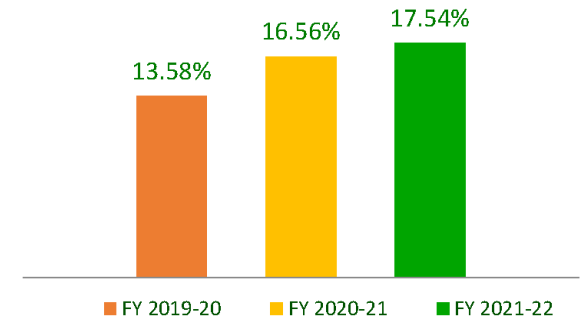
## PLF – All Thermals



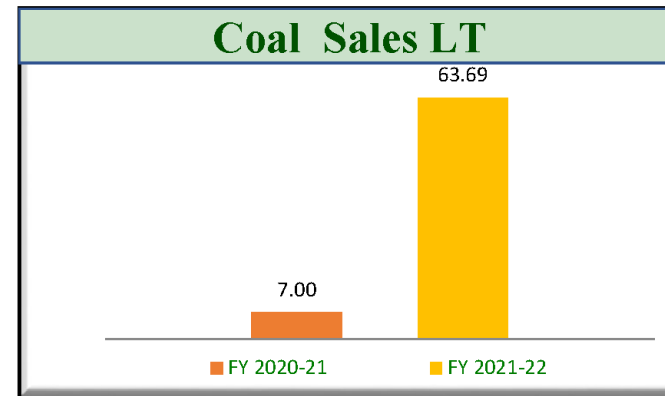
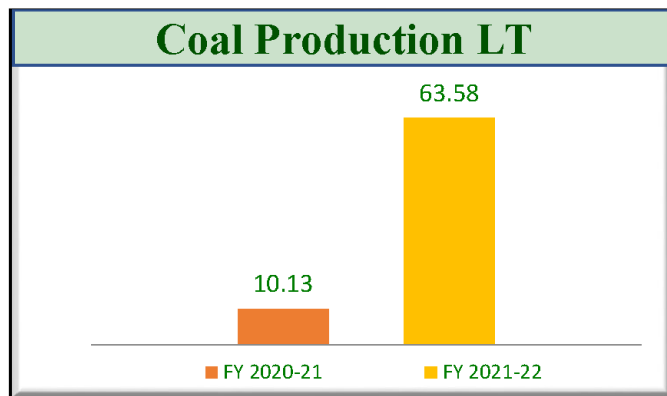
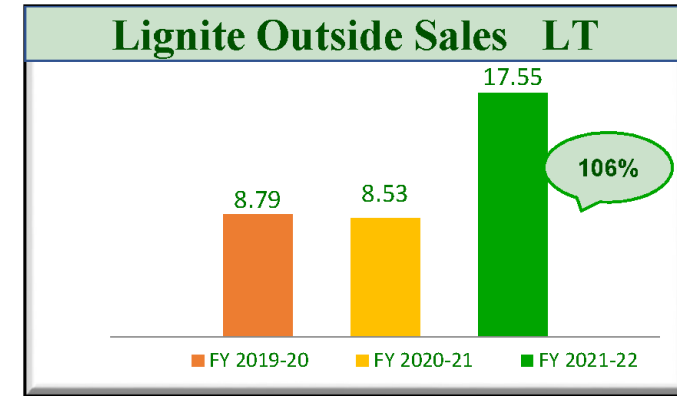
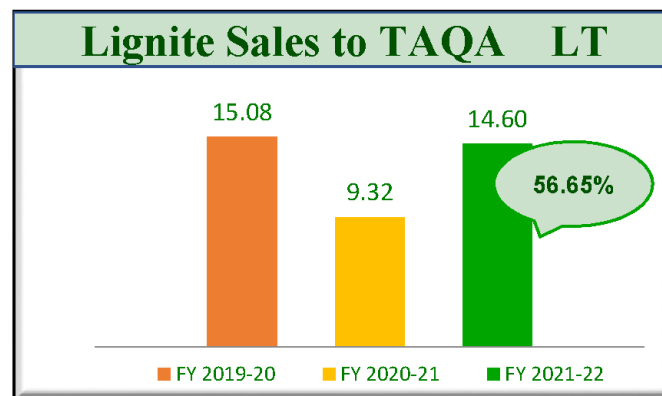
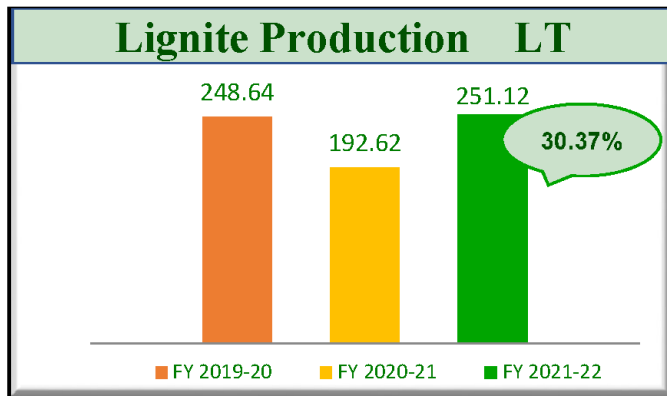
## PAF – All Thermals



## CUF – All Renewable

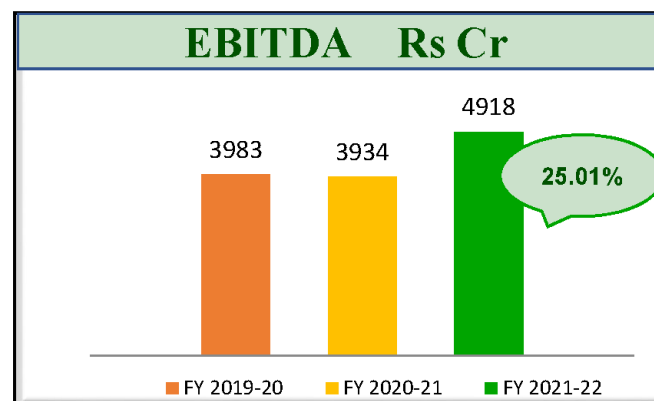
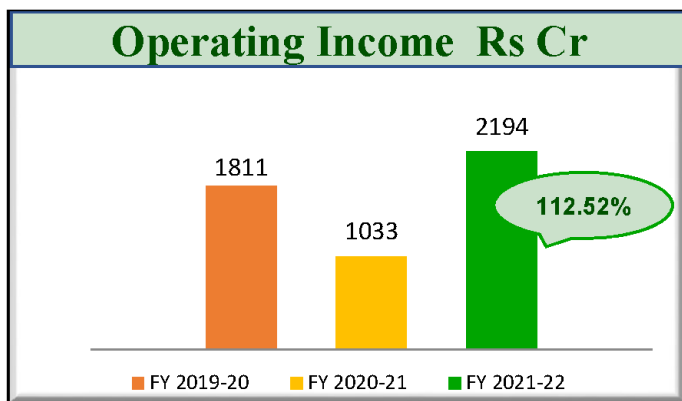
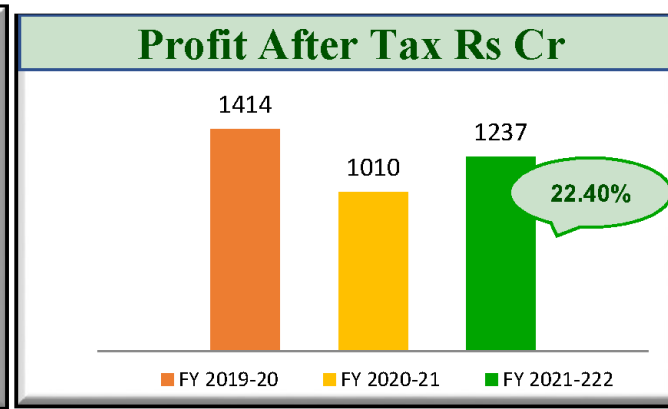
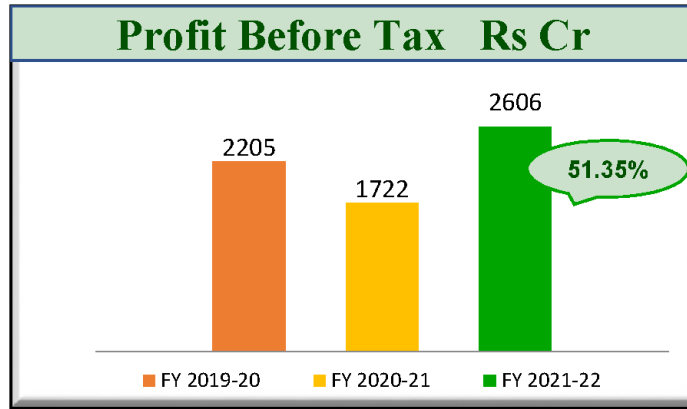
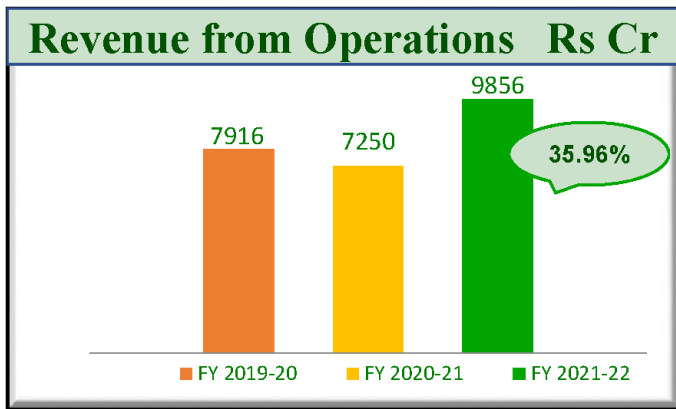


# NLCIL Performance Highlights



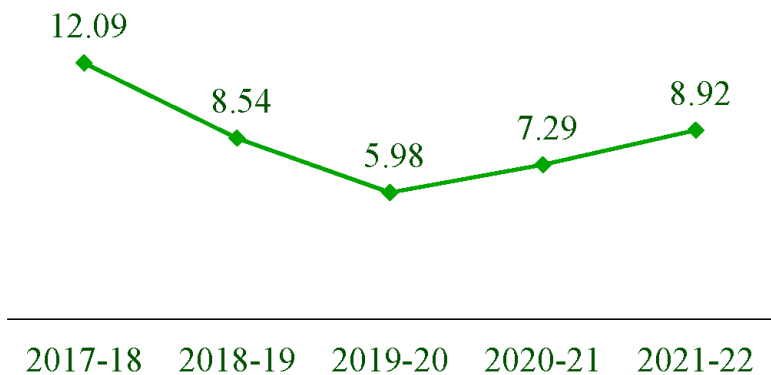


# NLCIL Performance Highlights

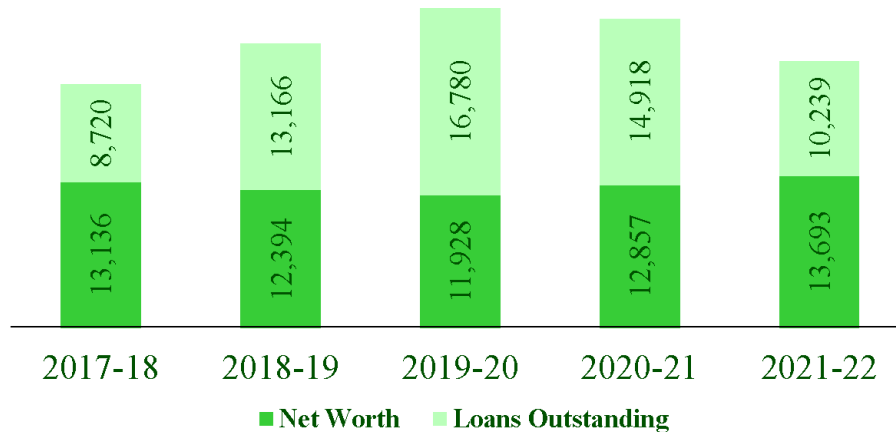


# NLCIL Performance Highlights

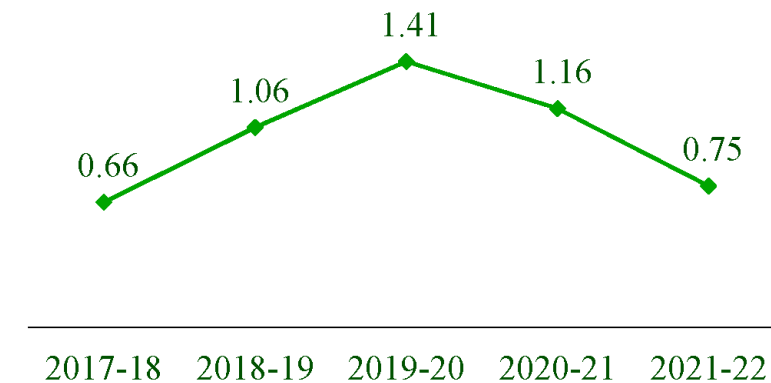
### Earnings Per Share Rs



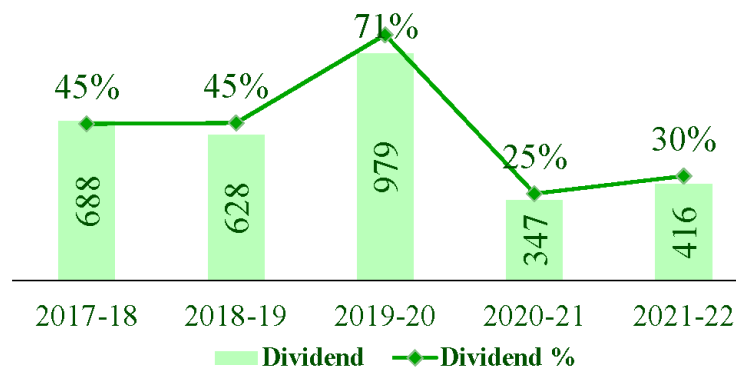
### Networth & Loans Outstanding Rs Cr



### Debt-Equity Ratio

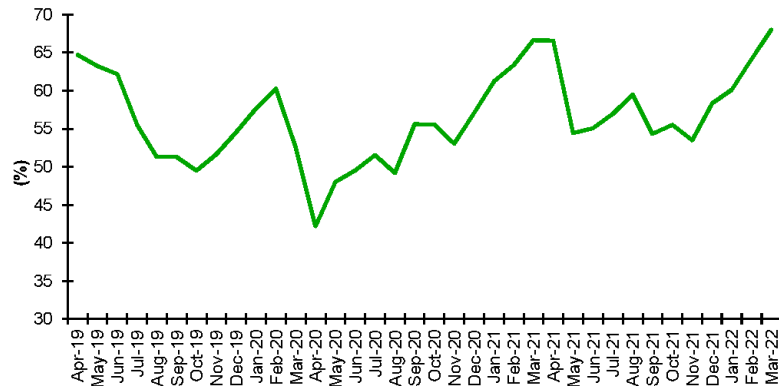


### Dividend Trend Rs Cr

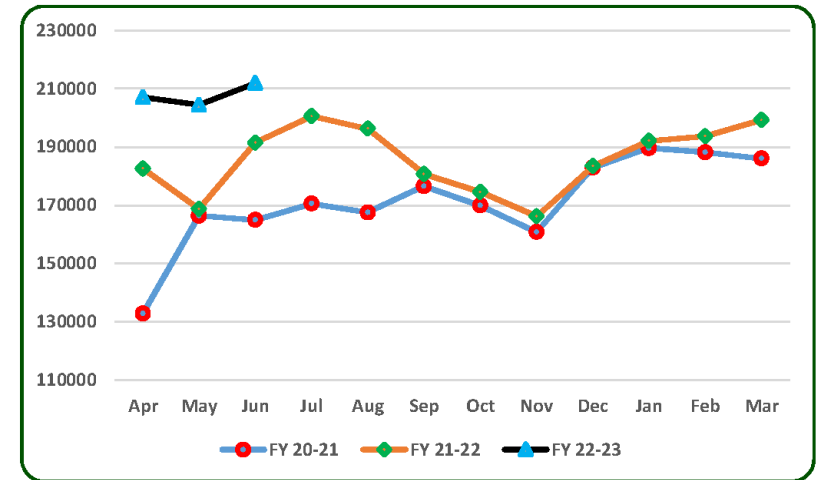


# Nation's Surging Demand : Booster for Power Sector

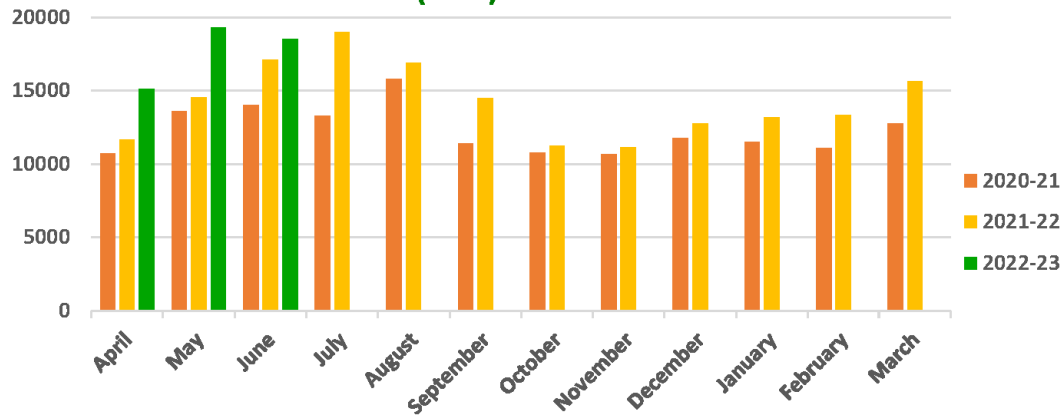
### Thermal PLF Trend



### Peak Demand Trend



### RE Generation (MU)



Source: CEA Report

- During FY 21-22 power demand witnessed a recovery as compared to FY 20-21
- As per the CEA, thermal PLF reached 64% (approx.) in Feb'22 & 68% (approx.) in March'22
- RE Generation increased to 170896 MU in 2021-22 as compared to 147245 MU in 2020-21

# NLCIL VISION 2030

## CAPACITY ADDITION - POWER



Present **Thermal** Capacity: 4,640 MW  
Capacity by 2030: 11,800 MW



Present **RE** Capacity: 1,421 MW  
Capacity by 2030: 6,031 MW



## CAPACITY ADDITION - MINES

Lignite

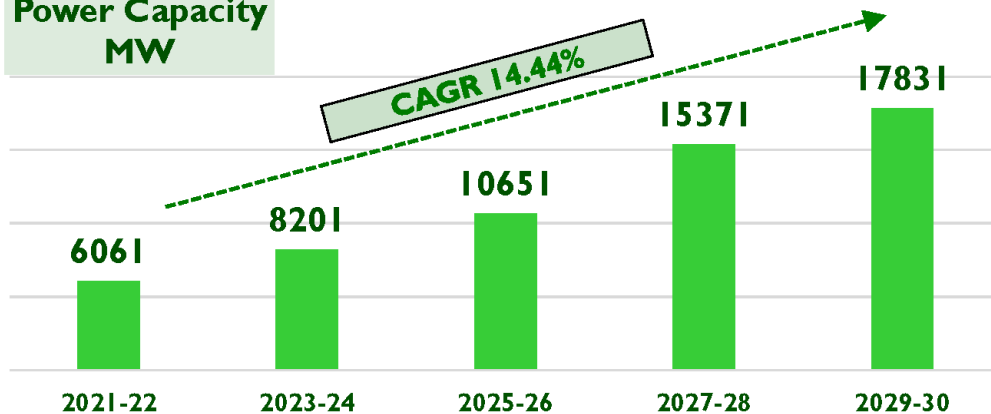
Present Lignite Capacity: 30.60 MTPA  
Capacity by 2030: 40.10 MTPA



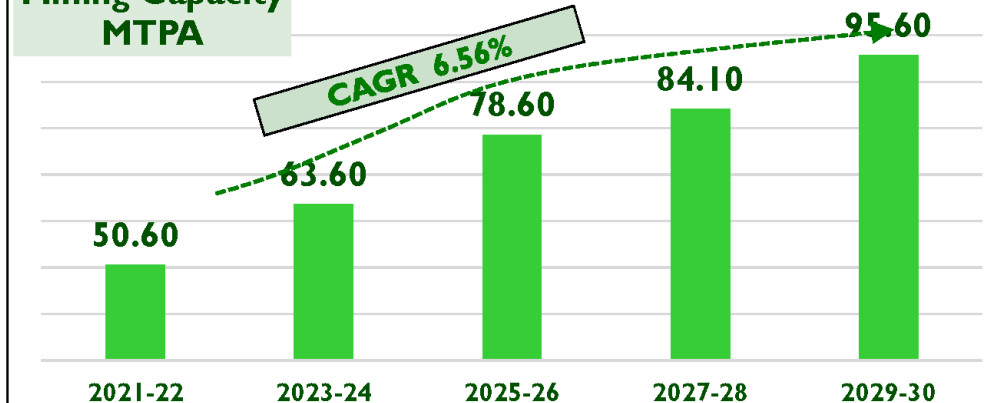
COAL

Present Coal Capacity: 20 MTPA  
Capacity by 2030: 44 MTPA

### Power Capacity MW



### Mining Capacity MTPA



# PROJECTS - ONGOING & UPCOMING

## PROJECTS - ONGOING

01

Ghatampur TPS (NUPPL)  
3 X 660 MW (1980 MW)

02

Pachwara South Coal Block  
262.84 MT

## PROJECTS - UPCOMING

01

NLC Talabira TPP  
4 X 800 MW

02

TPS - II 2<sup>nd</sup> Expn  
2 X 660 MW

03

150 MW Hybrid (RE)

04

510 MW Solar Under CPSU

05

1000 MW Solar at Assam

06

Mine - III 11.5 MTPA

07

Lignite to Methanol 0.40 MTPA

08

Commercial Coal Mining  
15 MTPA

# GHATAMPUR THERMAL POWER PROJECT (GTPP)

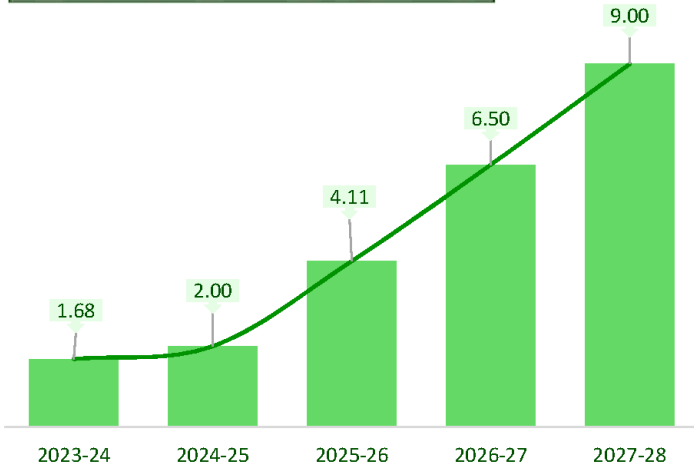


<b>Capacity</b>	3 X 660 MW (1980 MW)	
<b>Sanctioned Cost</b>	Total Cost: ₹ 17,238 Cr	RCE: ₹ 19544 Cr (To be approved)
<b>Completion Date</b>	<b>Scheduled</b>	<b>Anticipated</b>
	Unit I : 26.11.2020	<b>31.03.2023</b>
	Unit II : 26.05.2021	<b>31.07.2023</b>
	Unit III : 26.11.2021	<b>30.11.2023</b>
<b>Promoters</b>	<b>NLCIL (51%) &amp; UPRUVNL (49%)</b>	
<b>PPA</b>	UP Power Corporation Ltd (UPPCL)	: 75 %
	Validity of PPA from COD	: 25 years
<b>Estimated Tariff based on Sanction Cost</b>	Levelized Tariff ₹ 4.52/ kWh (EC: Rs 2.13, FC Rs 2.39)	
<b>Land</b>	989.63 Ha acquired out of 1024.64 Ha	
<b>Water Tie-up</b>	80 cusec from Bidhnu Canal	
<b>Financials</b>	Funding pattern - D/E : 70:30	
<b>Progress as on 30.06.2022</b>	Physical Progress: 78.04% & Financial Progress: 79.59%	
<b>Linked Coal Mine</b>	Pachwara South Coal Block, Jharkhand - 9 MTPA	

# PACHWARA SOUTH COAL BLOCK (PSCB)

- |  |  |   |
|--|--|---|
| <b>1</b> Extractable Reserves - 262.84 MT                                | <b>4</b> MDO: MIPL - GCL Infra Contracts Pvt. Ltd. | <b>7</b> Commencement of Mining Operation : Sep-2023                      |
| <b>2</b> Normative Capacity - 9 MTPA<br>Peak Rated Capacity - 13.50 MTPA | <b>5</b> Stripping Ratio - 1 : 3.25                | <b>8</b> Attaining PRC: 2027-28<br>(8.10MTPA - 90% of Normative Capacity) |
| <b>3</b> Grade of Coal : G10<br>(4443Kcal/kg) approx.                    | <b>6</b> Area of the block - 714.8553 Ha.          | <b>9</b> Life of the Mine : 38 Years                                      |

**Production Schedule MTPA**



- Activities Under Way to Start Coal Production by Sep-2023**
- EC: Public Hearing completed
  - EIA/EMP: Report Completed, EC under process
  - FC: Proposal under process
  - Tree enumeration Completed
  - FR: Final FR under process
  - Rail Infrastructure: Final DPR to Eastern Railway under approval

# NLC Talabira Thermal Power Project (4 X 800 MW)

Project Type	Supercritical Thermal Power Plant (Coal Based)
Project Phase	3 X 800 MW (1 <sup>st</sup> Phase) And 1 X 800 MW (2 <sup>nd</sup> PHASE)
Estimated Project Cost	Rs 19422 Cr. (1st PHASE)
Location	Jharsuguda and Sambalpur
Coal Requirement	11.37 MTPA (FOR 1 <sup>st</sup> PHASE)
Coal Linkage	Talabira II & III Coal Blocks
Water Drawal	Hirakud Reservoir
Tariff*	Levelised Tariff: Rs 3.06/Unit (FC: Rs 2.08/Unit, EC: Rs 0.98/Unit)
PPA	<p>TANGEDCO : 1500 MW          PED : 100 MW          KSEB : 400 MW          GRIDCO : 400 MW } Under process</p>
Power Evacuation	765 KV Switchyard 400 KV Transmission Line Upto Lapanga Substation of OPTCL
Land Requirement	1694 Ac

\*Based on sanction cost



## TPS-II 2nd EXPANSION PROJECT

Project Type	Supercritical Thermal Power Plant (Lignite Based)
Project Phase	2 X 660 MW
Estimated Project Cost	Rs 11,189.20 Cr (Under approval)
Location	Neyveli, Tamil Nadu
Lignite Requirement	8.68 MTPA
Lignite Linkage	Through Neyveli Lignite mining pooling along with MINE III
Tariff	Levelized Tariff: Rs 4.25/Unit (FC: Rs 2.17/ Unit, EC: Rs 2.08/Unit)
Power Allocation	526 MW PPA signed with TANGEDCO Remaining capacity is being taken up with MOP for allocation to TANGEDCO

## 150 MW HYBRID (50 MW WIND & 100 MW SOLAR)

Tariff Discovered during e-RA : ₹ 2.34/Unit  
Min CUF as per RfS : 30%  
NLCIL Bid CUF : 31.3%

Likely Project Cost : ₹ 876.53 Cr.  
Wind : ₹ 383.68 Cr + Solar: ₹ 492.53 Cr

100 MW Solar: Tender Floated → 09.05.2022 ; BoD → 08.07.2022  
50 MW Wind: Tender Floated → 11.03.2022 ; BoD → 08.07.2022

Scheduled CoD: 18 Months from effective date of PPA with SECI

## 1000 MW Solar Project in Assam

- Solar 1000 MW through JV in phased manner
- NLCIL Board approved signing of MoU with APDCL : 30.05.2022
- Assam Cabinet approved on 02.07.2022
- Equity participation of NLCIL & APDCL in the ratio of 51:49
- JVC shall undertake O&M activities of the Renewable Power Projects
- APDCL shall facilitate for allotment of land and connectivity
- Market cost of land shall be considered as equity for APDCL

## 510 MW SOLAR UNDER CPSU PHASE-II

Maximum Power Usage Charges: ₹ 2.45/- per Unit.  
(VGF: Rs. 44.7499 Lakh/MW.)

Only domestically manufactured Solar Photovoltaic (SPV) Cells and Modules to be used. (DCR Category)

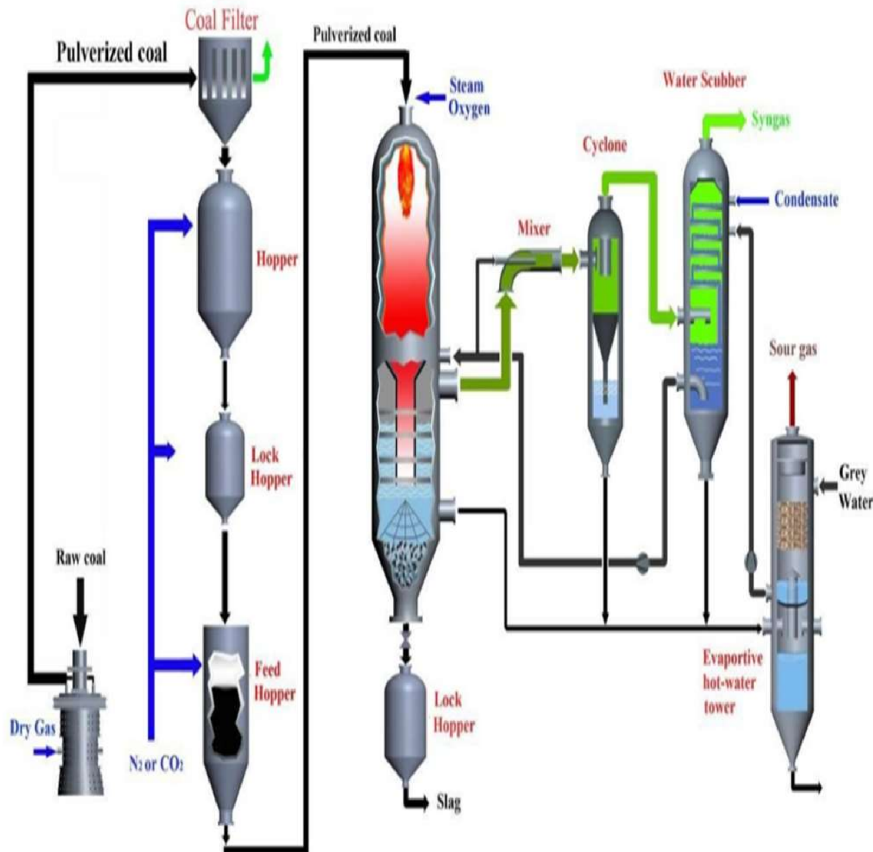
IREDA issued LoA on 04.10.2021. (LoA to be issued to EPC bidder within 03.10.2022 for availing VGF)

Completion time - 30 Months from LoA (i.e., 03.04.2024)

State DISCOMs and Government companies approached

NLCIL has also signed MoU with PFCCL & TANGEDCO through JV Company to develop 2000 MW UMREPP in TN for which TANGEDCO has floated tender for land purchase. The same is eligible for Central Financial Assistance (CFA) by MNRE.

# LIGNITE TO METHANOL



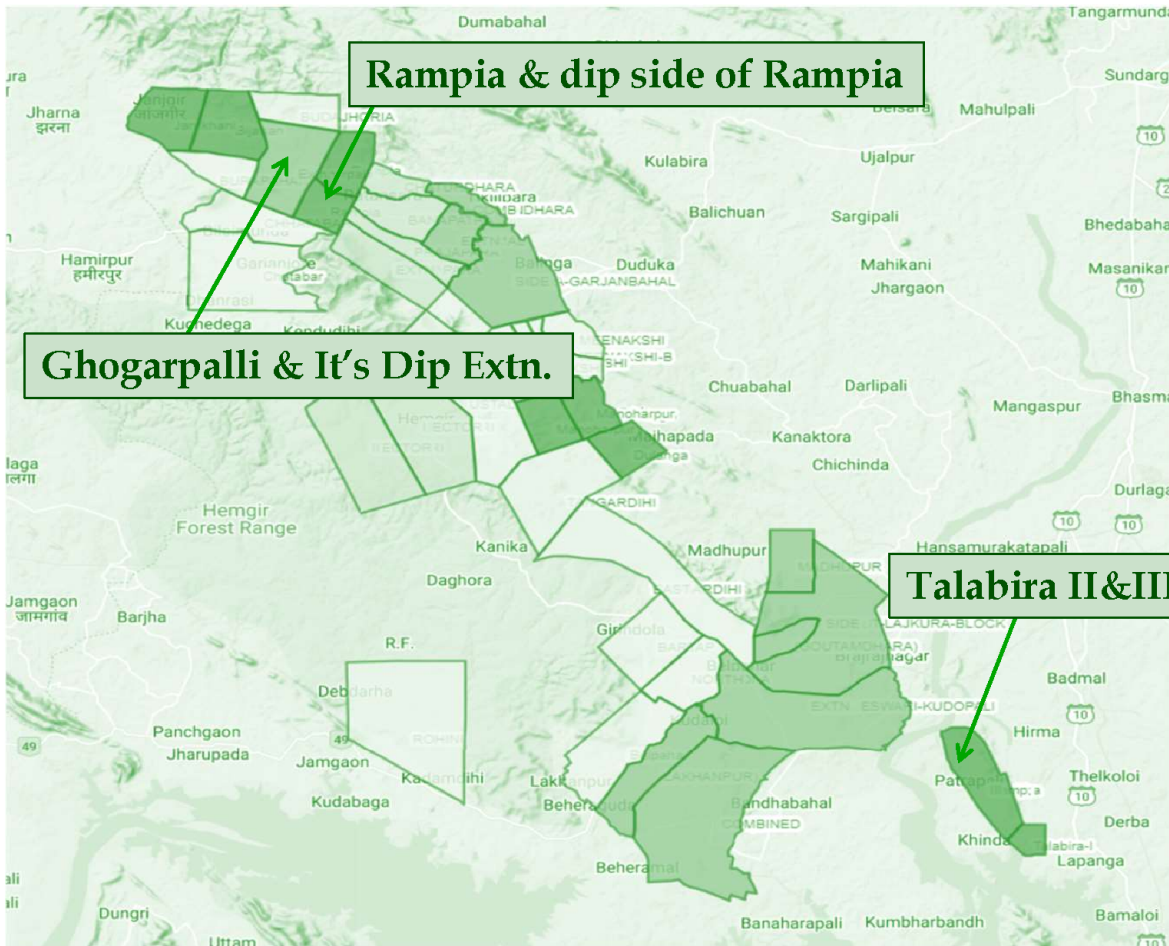
## Project Highlights

- Pilot Plant capacity 0.40 MTPA
- Estimated Project cost: Rs.4,394 Cr
- The quantity of lignite required is 2.26 MTPA
- Expected date of LoA: September-2023
- The total period of Project is 42 months from the date of LOA
- The Project is expected to complete by March-2027

## Project – Current Status

- DFR prepared by M/s PDIL & Financial appraisal by M/s SBI Caps approved by Board.
- Project implementation mode: Lump-Sum Turn Key (LSTK)
- NLCIL engaged M/s EIL as Project Management Consultant for implementation

# COMMERCIAL COAL BLOCK



MoC: Auction process launched for 122 Coal Blocks

Following 2 coal blocks in IB valley Coal Field, Sundergarh Dt., Odisha shortlisted by NLCIL

## 1. Ghogarpalli & its Dip Extn. (20 MTPA)

- Area: 14.34 sq.km
- Geological Reserves: 1288.284 MT
- Coal Grade: G11

## 2. Rampia & Dip Side of Rampia (15 MTPA)

- Area: 12.7 sq.km
- Geological Reserves: 1179.41 MT
- Coal Grade: G12

Both coal blocks are explored.

Bids submitted.

Block auction is scheduled between 27.07.2022 and 03.08.2022.

## Mine - III

Project area in Ha	4841.99
Capacity of Mine Proposed in MTPA	11.50
Life of Mine in Years	35
Mineable reserves in MT	386.87
Stripping Ratio	1 : 7.35
Project cost in Cr	3740.63
Financial IRR in %	11.54
Average Lignite Transfer price in Rs./tonne	1648.00
Linked end use plants	TPS II - 2nd Exp 1320 MW (2 X 660)
Anticipated year of Lignite Production	2026

# THANK YOU

