



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 Phone: 044-28360037, Fax: 044-28360057



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

Dt. 06.09.2022

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

As required under Regulation 30 of LODR, we furnish herewith the copy of the Presentation given during the analyst meeting held on 6th September 2022 for your reference and record.

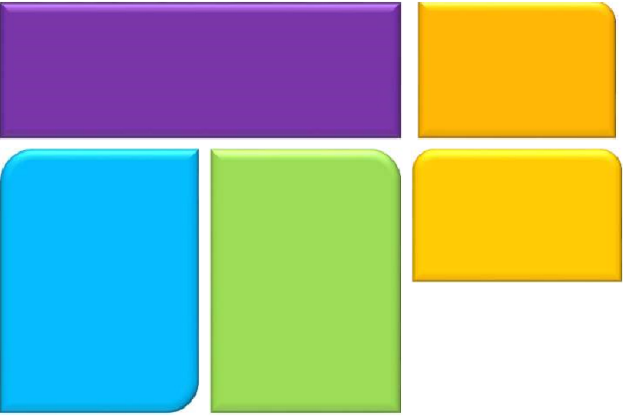
Thanking you,

Yours faithfully,
for NLC India Limited

Viswanath K
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Digitally signed by
Viswanath K
Date: 2022.09.06
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Company Secretary



Investors Meet

Q1 2022-23



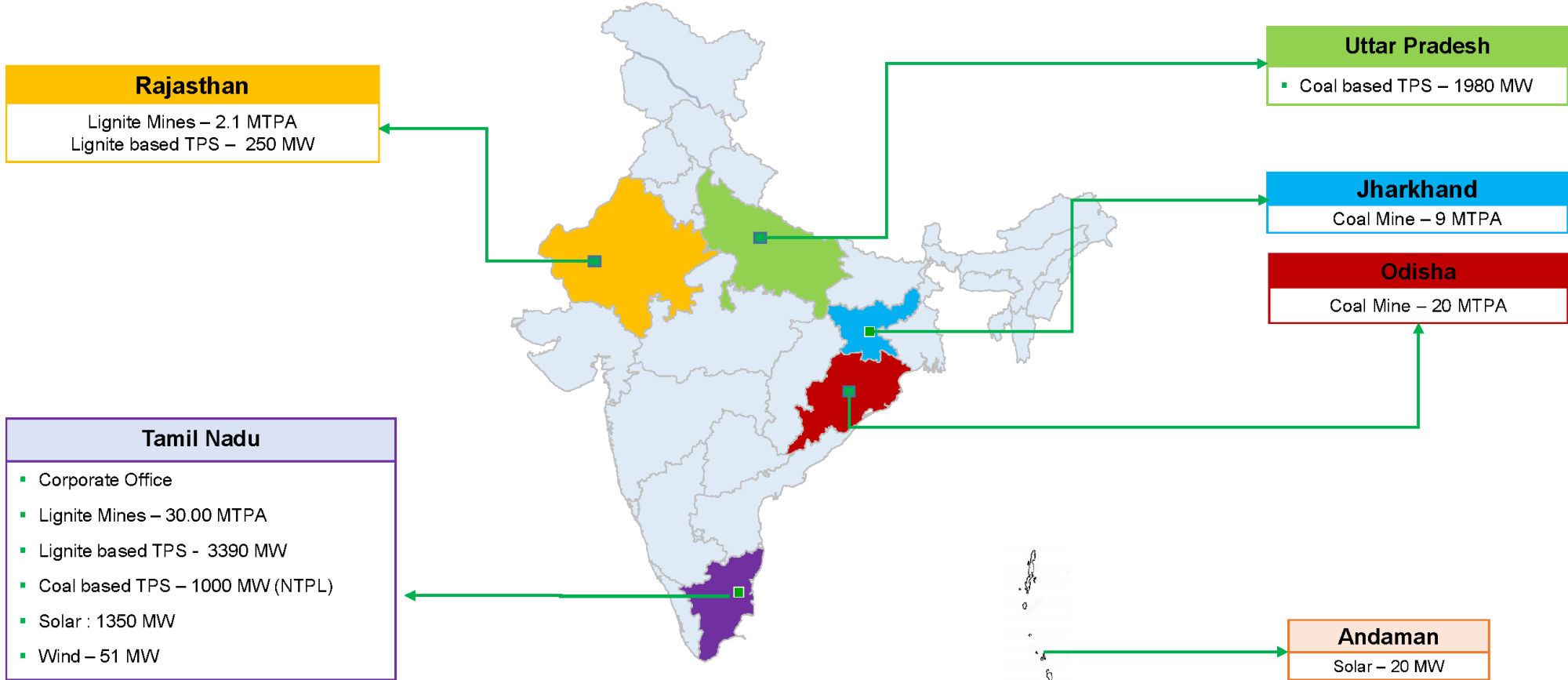
NLC INDIA LTD

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

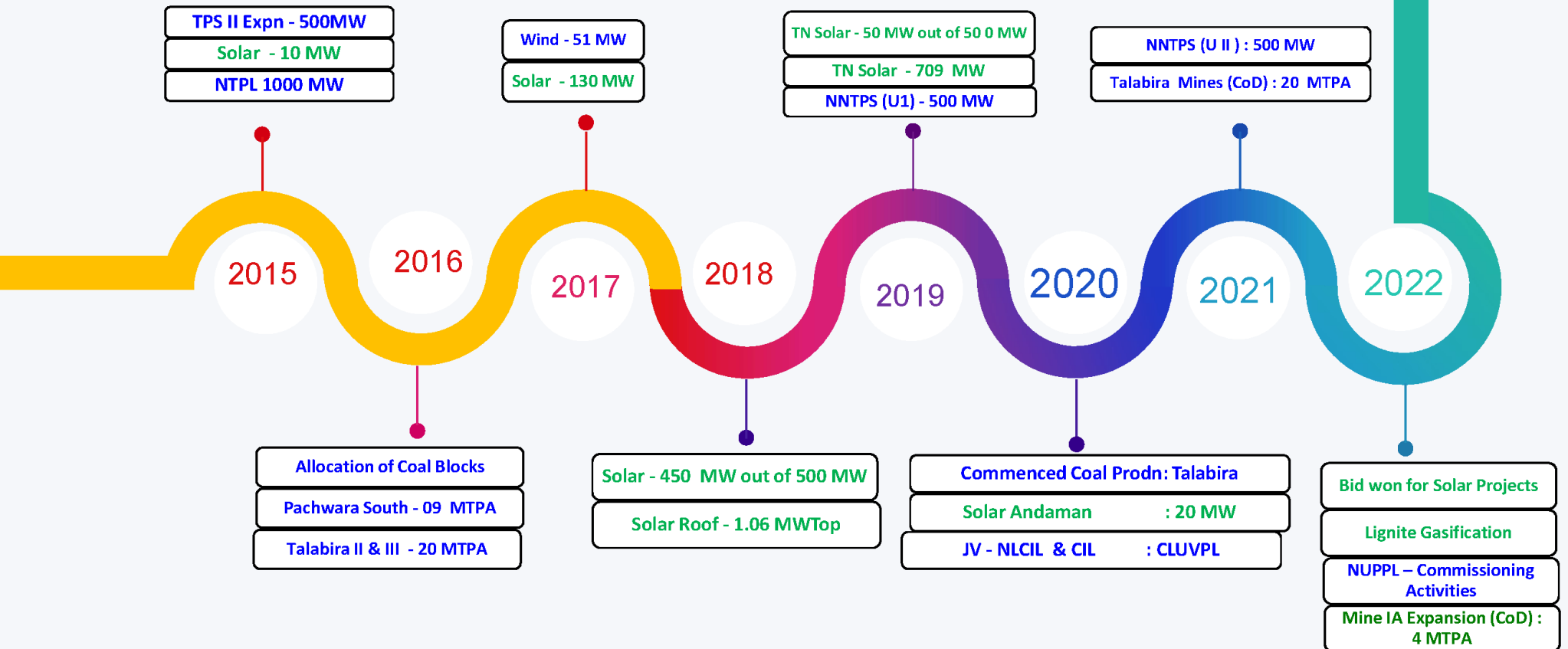


NLCIL Overview





NLCIL MAJOR MILESTONES ACHIEVED - PAST 8 YEARS



NLCIL Q1 2022-23 Highlights

02

27% Growth in Lignite Production

Lignite Production: 63.25 LT
(PY: 49.62 LT)

04

Commissioning of Mines

Commissioning of Mine 1A Exp
(Capacity – 4MTPA) from Apr-22



5% Growth in Power Generation

Highest Ever Quarterly Gross
Generation 6963 MU (PY: 6639 MU)

01

Performance Improvement

NLCIL Average PLF: 80.32 %
All India Average PLF: 69.50 %

03

27% Growth in Total Income

Total Income Q1 22-23 is
Rs 3176.54 Cr (PY:2504.45 Cr)

05



PPA Signed for NTTTP

Long term PPA has been signed with **Puducherry** (PED) for **100MW** on 09.05.2022

MoU signed with Assam PDC for development of **1000 MW** Renewable projects

Expansion of Green foot print



Investment Approval

NLC Board approved TS II2nd Exp and Mine -III Projects

TPS I Expn secured # 1 rank in Performance among all Thermal Power Stations in the country in Q1 22-23

Best Performer

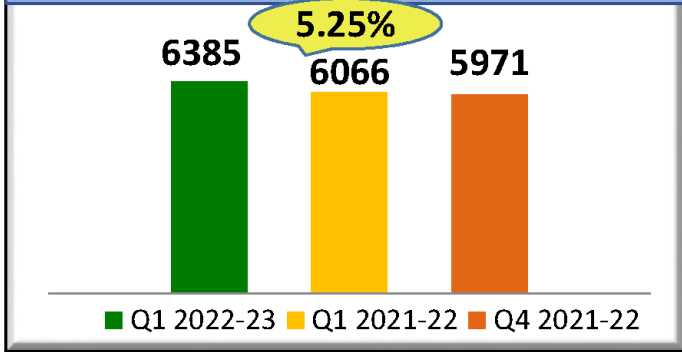


Power Trading

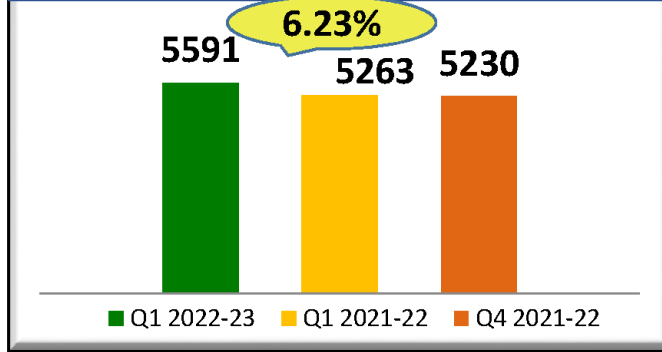
DAM & RTM facilitated Zero surrender for NLCIL stations for 54 days in Q1 2022-23

NLCIL Significant Events

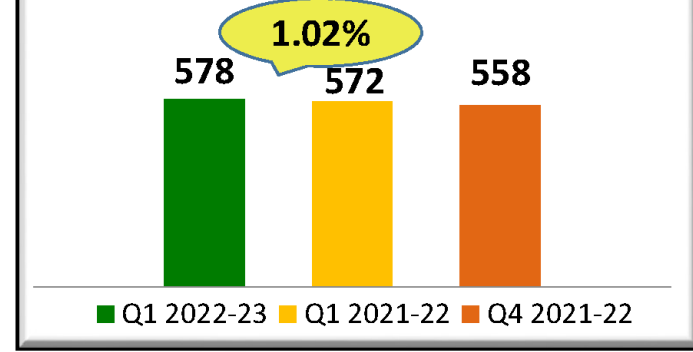
Thermal Gross Generation – in MU



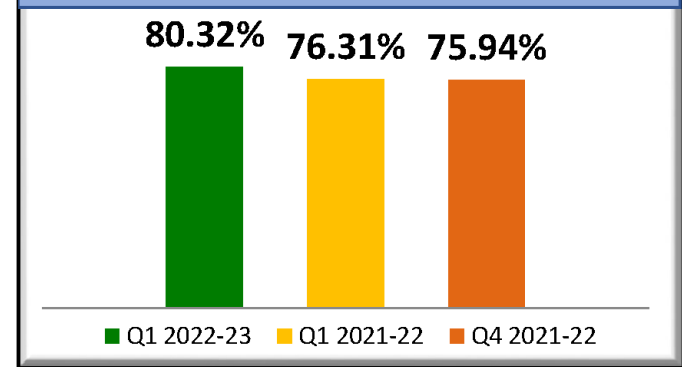
Thermal Export – in MU



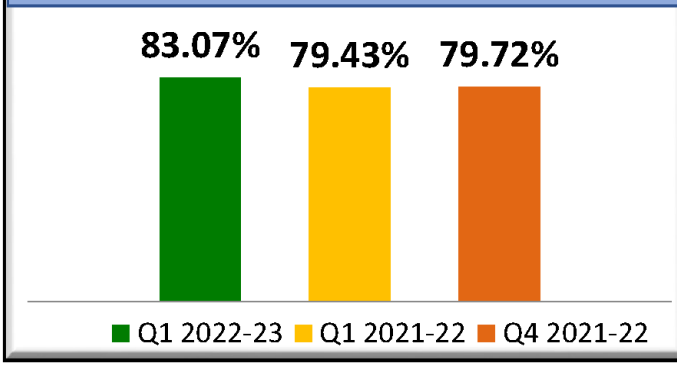
Renewable Export – in MU



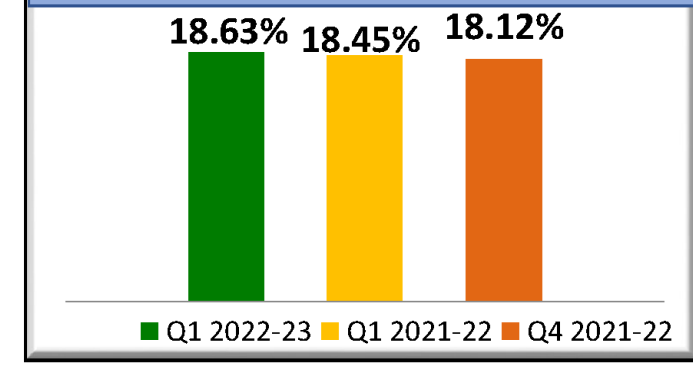
PLF – All Thermals



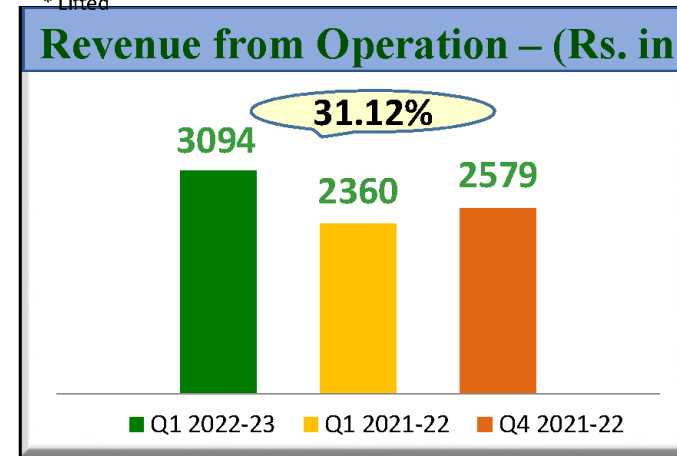
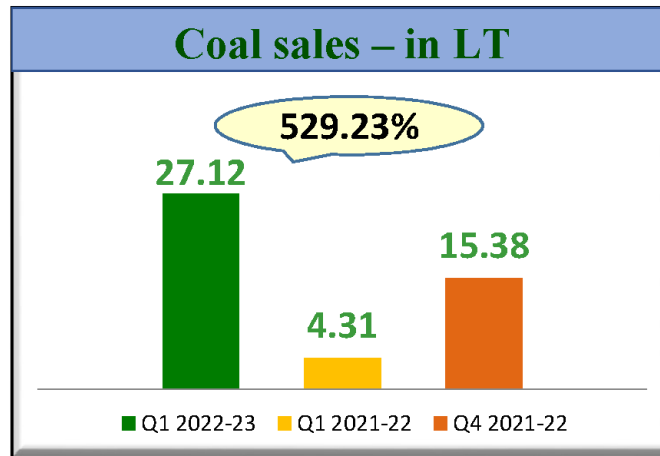
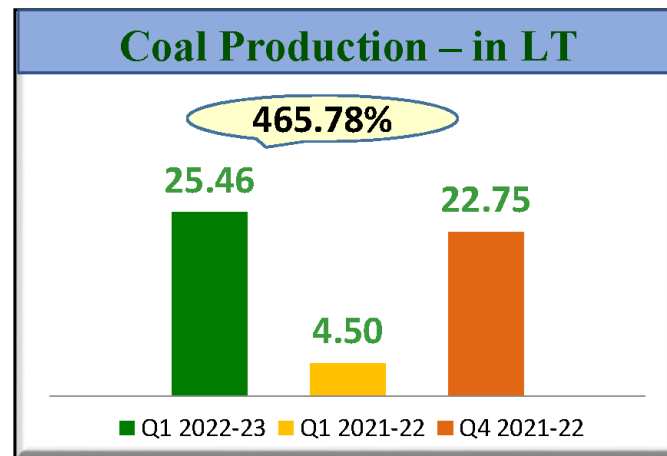
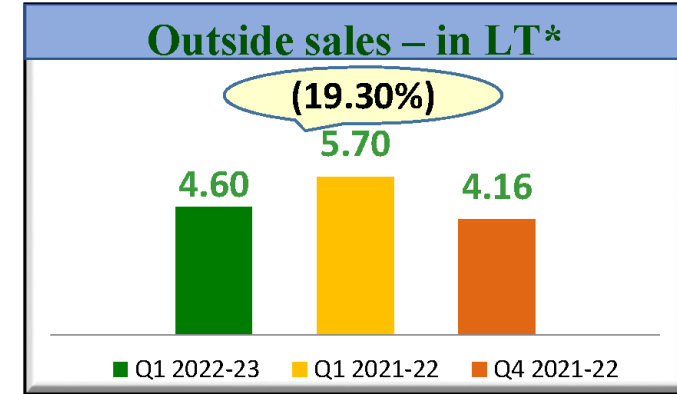
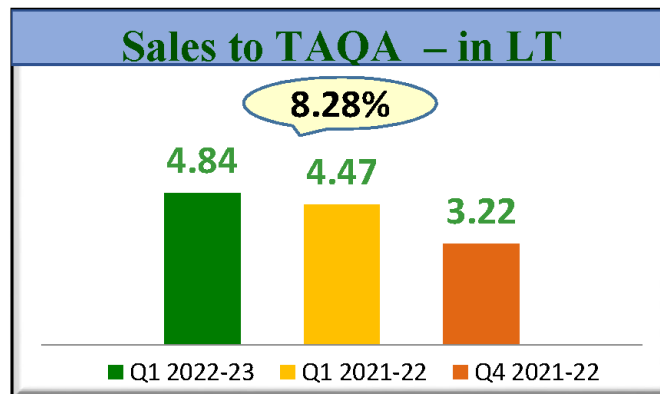
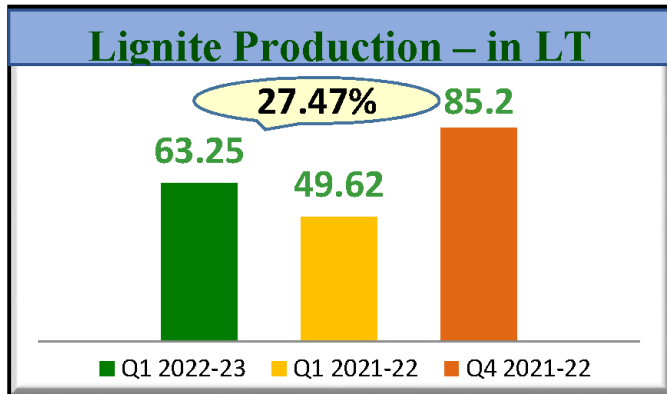
PAF – All Thermals



CUF – All Renewable



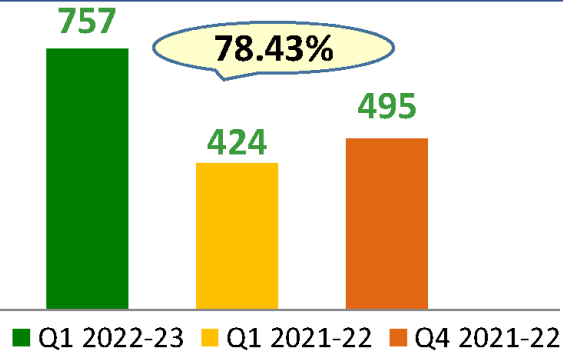
NLCIL Performance Highlights



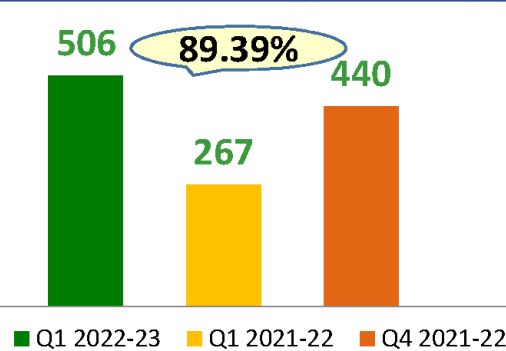
* Lifted

NLCIL Performance Highlights

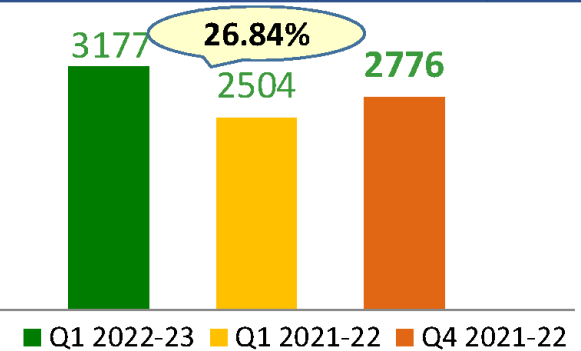
Profit Before Tax (Rs. in Cr)



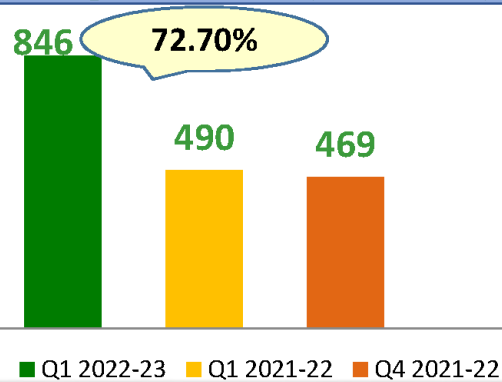
Profit After Tax – (Rs. in Cr)



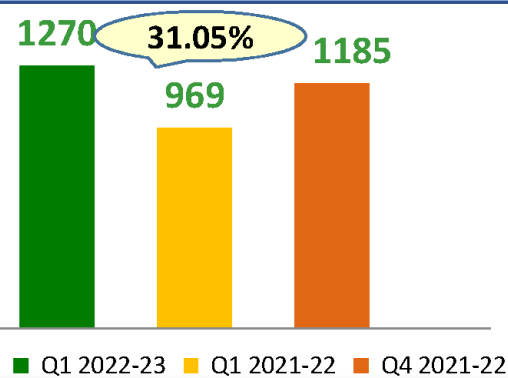
Total Income – (Rs. in Cr)



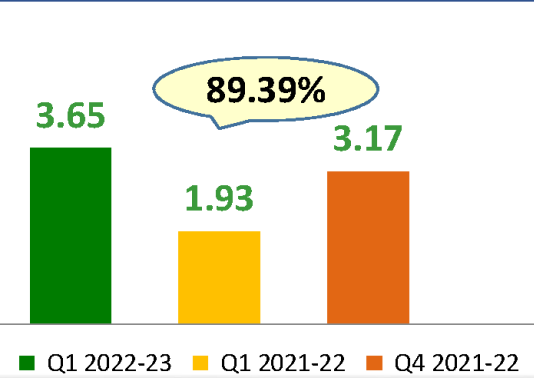
Operating Income – (Rs. in Cr)



EBITDA – (Rs. in Cr)

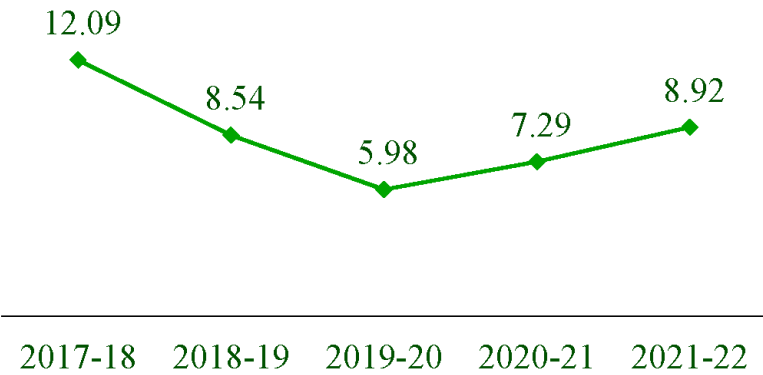


Earnings Per Share (Rs.)

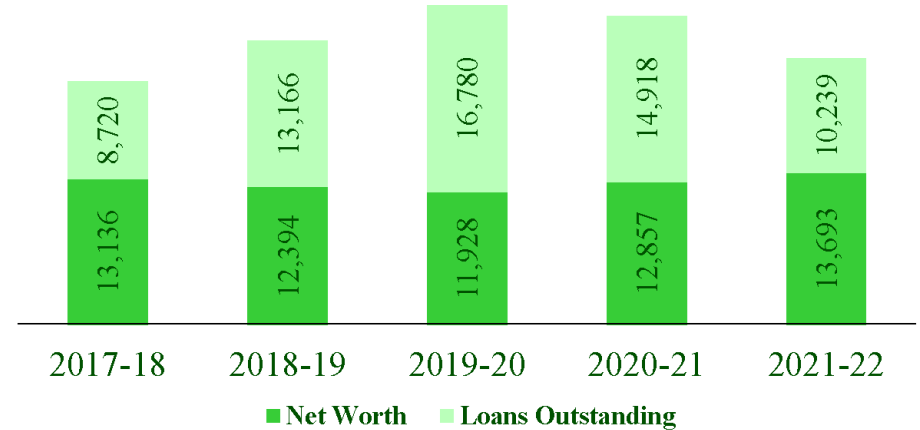


NLCIL Performance Highlights

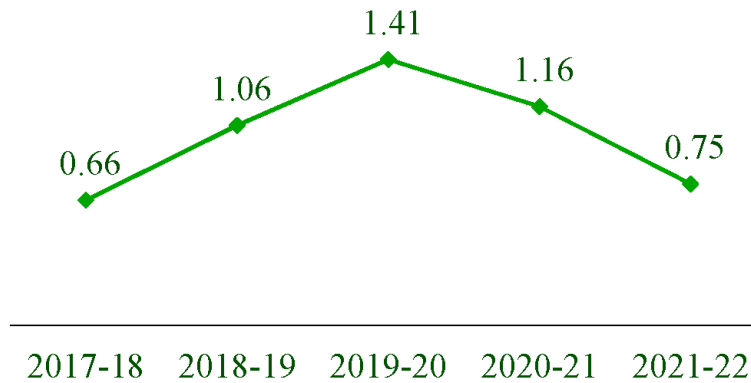
Earnings Per Share Rs



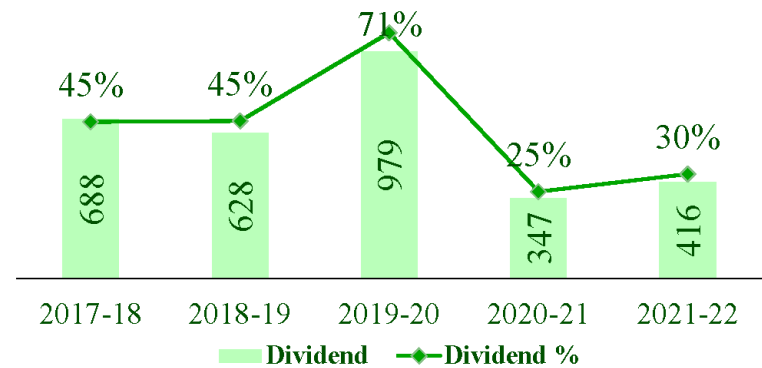
Networth & Loans Outstanding Rs Cr



Debt-Equity Ratio

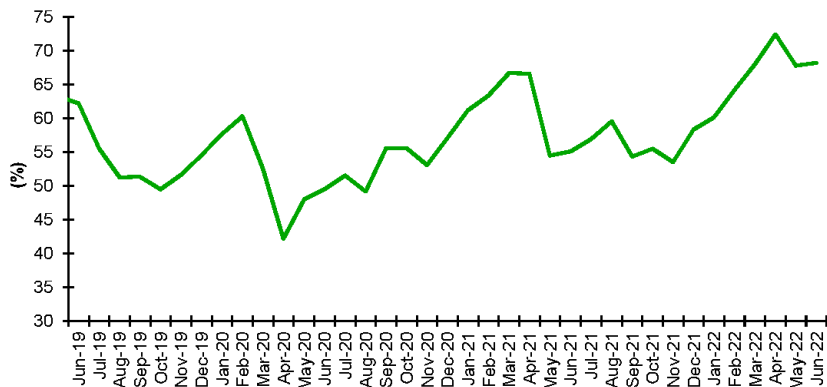


Dividend Trend Rs Cr

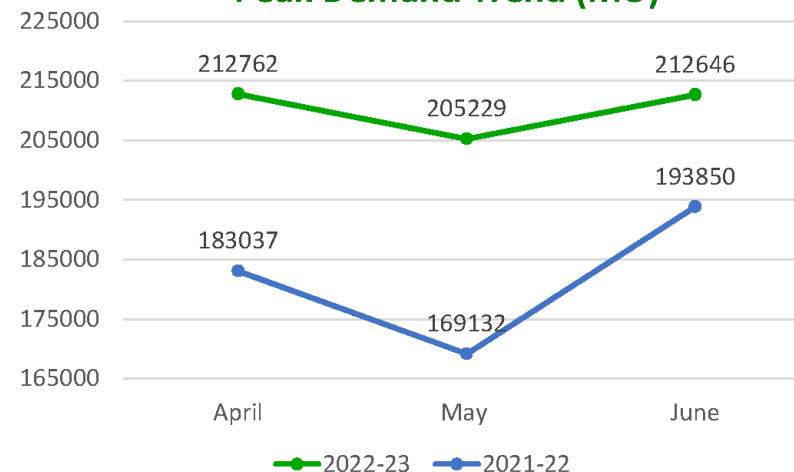


Nation's Surging Demand: Booster for Power Sector

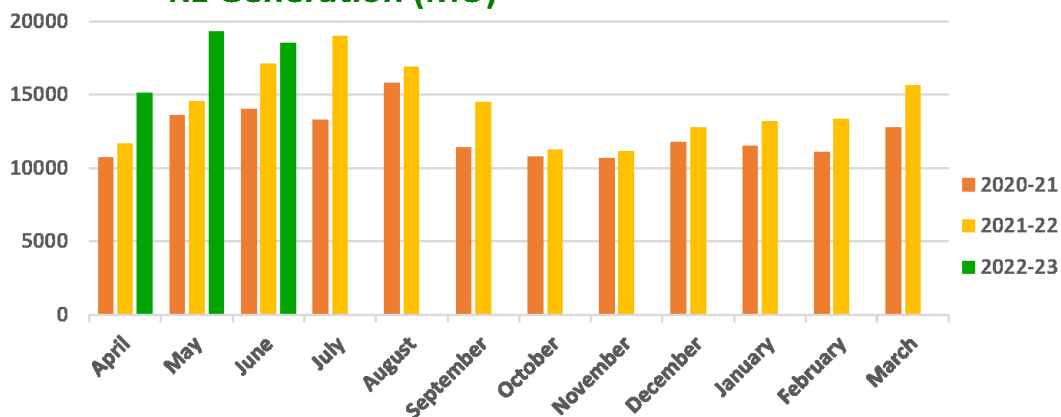
Thermal PLF Trend



Peak Demand Trend (MU)



RE Generation (MU)



- Avg Power Demand for Q1 22-23 witnessed a growth of 15.5% as compared to Q1 21-22
- As per the CEA, thermal PLF reached 68.16% (approx.) in June '22
- RE Generation increased to 55,486.79 MU in Q1 2022-23 as compared to 43,254.83 MU in Q1 2021-22.

Source: CEA Report

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

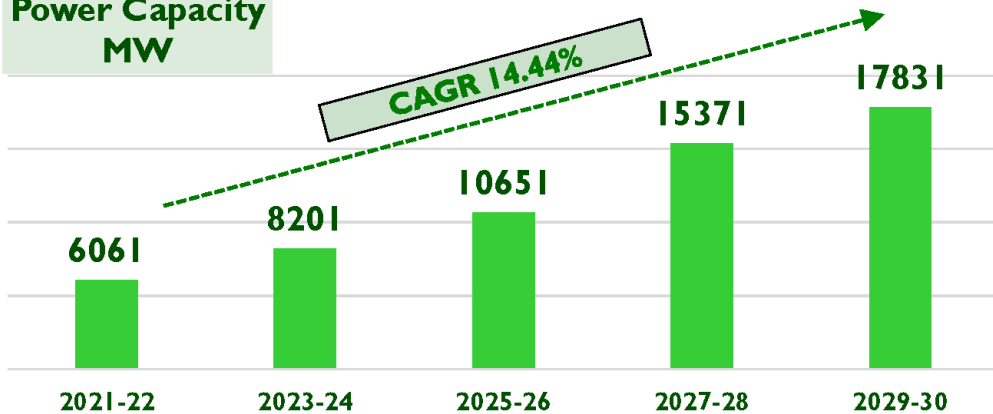
Present Lignite Capacity: 32.10 MTPA
Capacity by 2030: 40.10 MTPA



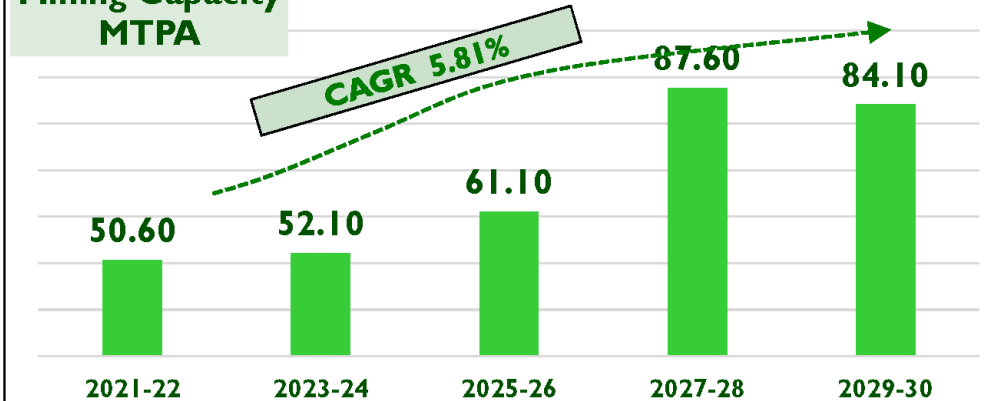
COAL

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 nd 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)

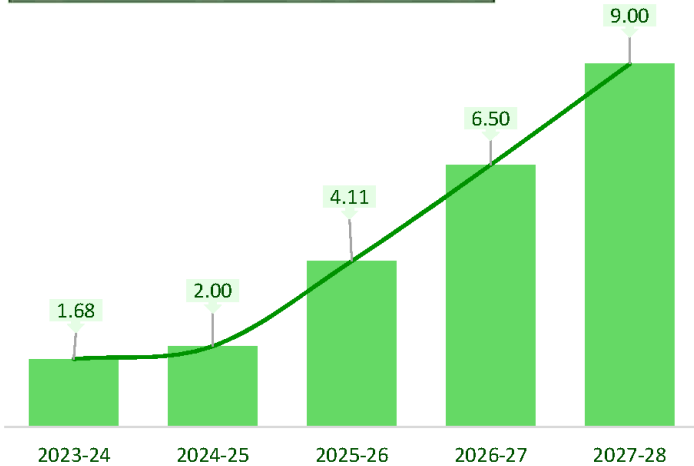


Capacity	3 X 660 MW (1980 MW)	
Sanctioned Cost	Total Cost: ₹ 17,238 Cr	RCE: ₹ 19544 Cr (To be approved)
Completion Date	Scheduled	Anticipated
	Unit I : 26.11.2020	31.03.2023
	Unit II : 26.05.2021	31.07.2023
	Unit III : 26.11.2021	30.11.2023
Promoters	NLCIL (51%) & UPRUVNL (49%)	
PPA	UP Power Corporation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

Pachwara South COAL Block (PSCB)

- | | | |
|--|--|---|
| 1 Extractable Reserves – 262.84 MT | 4 MDO: MIPL – GCL Infra Contracts Pvt. Ltd. | 7 Commencement of Mining Operation : Sep-2023 |
| 2 Normative Capacity – 9.0 MTPA
Peak Rated Capacity – 13.50 MTPA | 5 Stripping Ratio – 1 : 3.25 | 8 Attaining PRC: 2027-28
(8.10MTPA – 90% of Normative Capacity) |
| 3 Grade of Coal : G10
(4443Kcal/kg) approx. | 6 Area of the block – 714.8553 Ha. | 9 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 received.
 - Rail Infrastructure:** Final DPR submitted to Railway Board for 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 st Phase) And 1 X 800 MW (2 nd PHASE)
Estimated Project Cost	Rs 19422 Cr. (1st PHASE)
Location	Jharsuguda and Sambalpur
Coal Requirement	11.37 MTPA (FOR 1 st 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> <p>(OPERC hearing held on 23.08.2022 and KSERC held on 25.08.2022)</p>
Power Evacuation	765 KV Switchyard 400 KV Transmission
Land Requirement	1694 Acres

*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
Location	Neyveli, Tamil Nadu
Lignite Requirement	8.71 -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. TANGEDCO has communicated their willingness for the procurement of additional quantum of power on 01.04.2022 . Since Puducherry has a valid PPA of 40.31 MW, MoP was requested vide Ir dtd. 02.08.222 to allocate 1279.69 MW to TANGEDCO & 40.31 MW to Puducherry

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 ; Bid Open Date → 16.09.2022
50 MW Wind: Tender Floated → 11.03.2022 ; Bid Open Date → 16.09.2022

Scheduled CoD: 18 Months

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

MoU signed between NLCIL & APDCL on 09.08.2022 for the installation of 1000 MW RE power .Estimated CAPEX – Rs.5500 crore

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)**

Tender floated for 500 MW → 25.07.2022 ; Bid Open Date → 07.09.2022

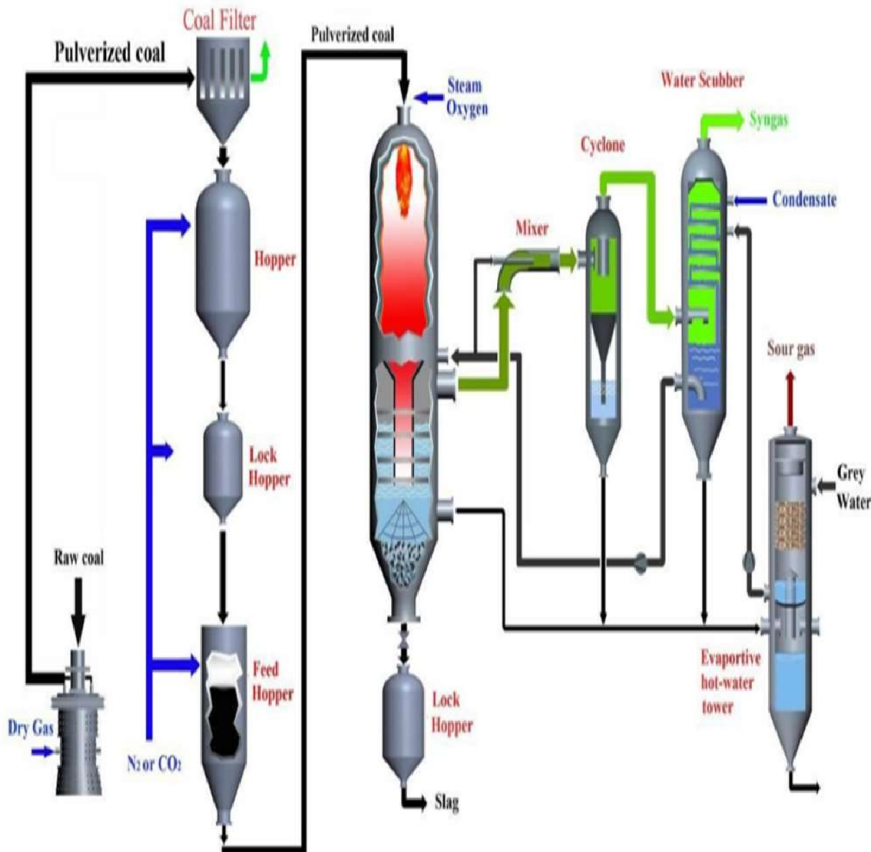
State DISCOMs and Government companies approached

Note:

1. Consent for 300 MW @ Rs.2.40 per Kwhr has been received from RUVNL (Rajasthan) on 23.08.2022.

2. 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



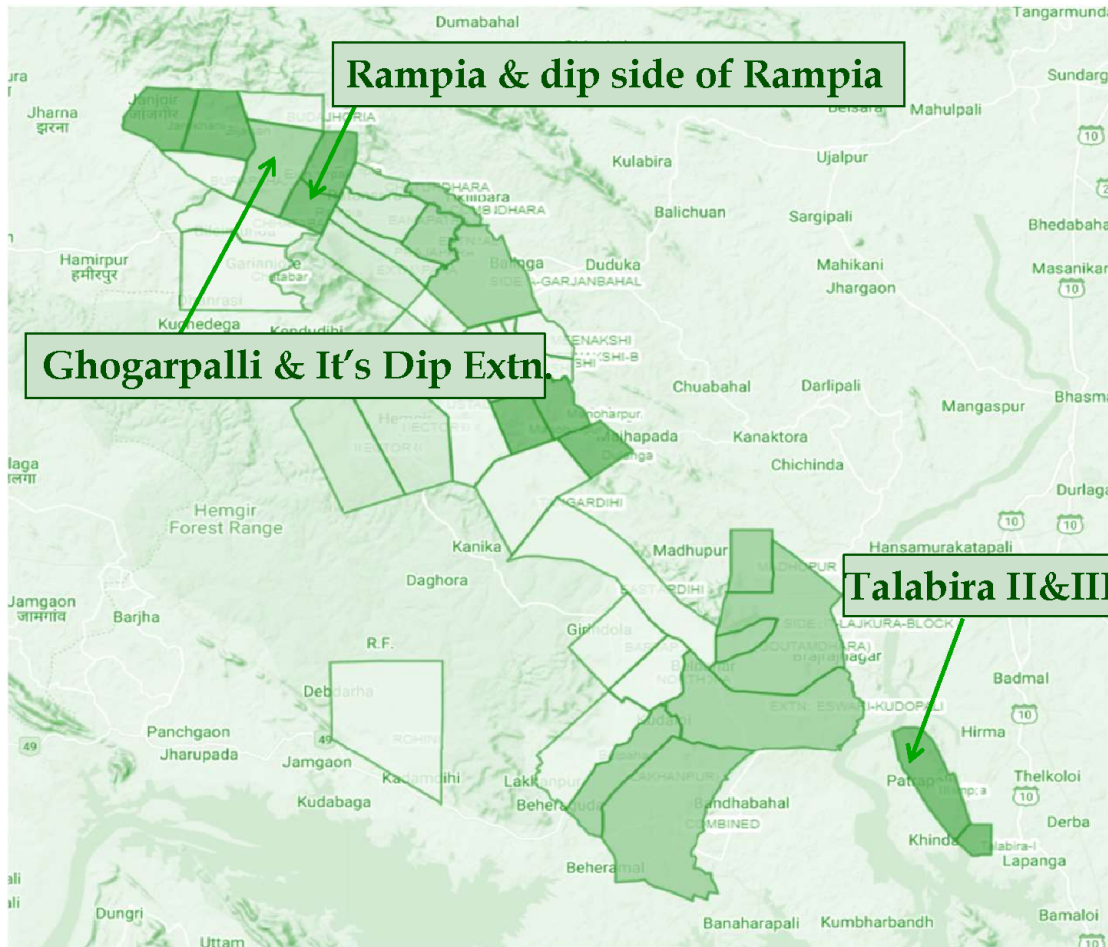
Project Highlights

- Pilot Plant capacity 0.40 MTPA
- Estimated Project cost: Rs.4,394 Cr
- The quantity of lignite required is 2.26 MTPA
- 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.
- Licensor/ Technology: Shortlisted & approved
- 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 & technically qualified for both blocks.

Commercial Block auction is scheduled on 13.09.2022 & 14.09.2022. NLCIL will participate in e-auction.

Mine - III

Project area in Ha	4841.99
Capacity of Mine Proposed in MTPA	11.50
Life of Mine in Years	38
Mineable reserves in MT	415.37
Stripping Ratio	1 : 7.35
Project cost in Cr	3755.71
Financial IRR in %	11.54
Average Lignite Transfer price in Rs./tonne	1704.00
Linked end use plants	TPS II - 2nd Exp 1320 MW (2 X 660)
Anticipated year of Lignite Production	2026

THANK YOU

