











NLC India Limited

A "Navratna" – Government of India Enterprise

Corporate Presentation

October - 2020



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Company Overview & Performance Highlights



NLC India Ltd | Introduction







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 31.10.2020)



Mining, Power Generation and Trading of Power



Regional Presence to National Level Presence



Advanced Technology





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 (6 Functional Directors including CMD, 2 Government Nominee and 3 Independent Directors).



Government of India has sanctioned totally 16 directors, but the present composition of the board is 11.The vacancy of 5 Independent Directors including 1 Woman Director



Vision & Mission



Vision:

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

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

Values

N- National Orientation

L - Learning and Development

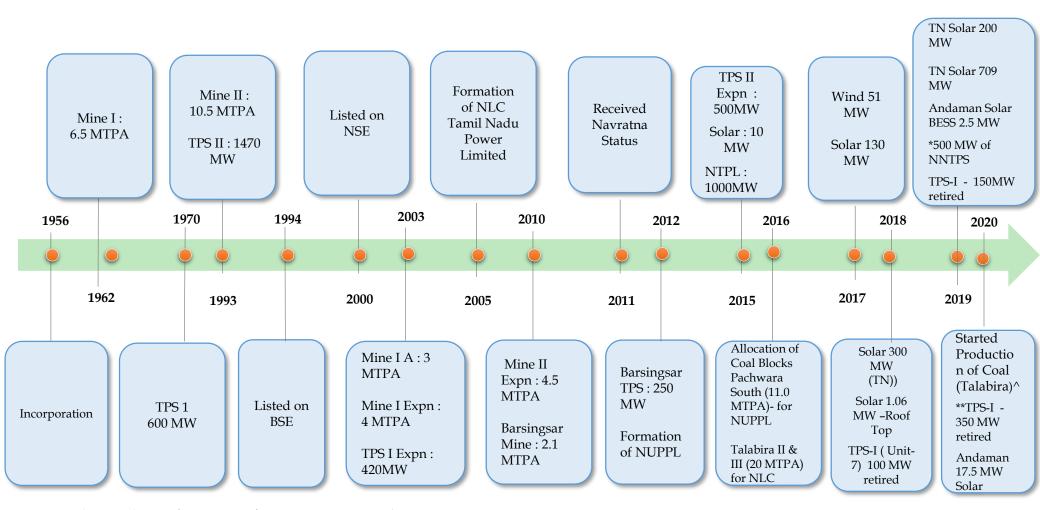
C- Commitment for Excellence

I - Innovation and Speed



Evolution & Key Milestones





 $^{^{\}ast}$ Unit – I (500 MW) out of 1000 MW of NNTPS commissioned on 28.12.2019

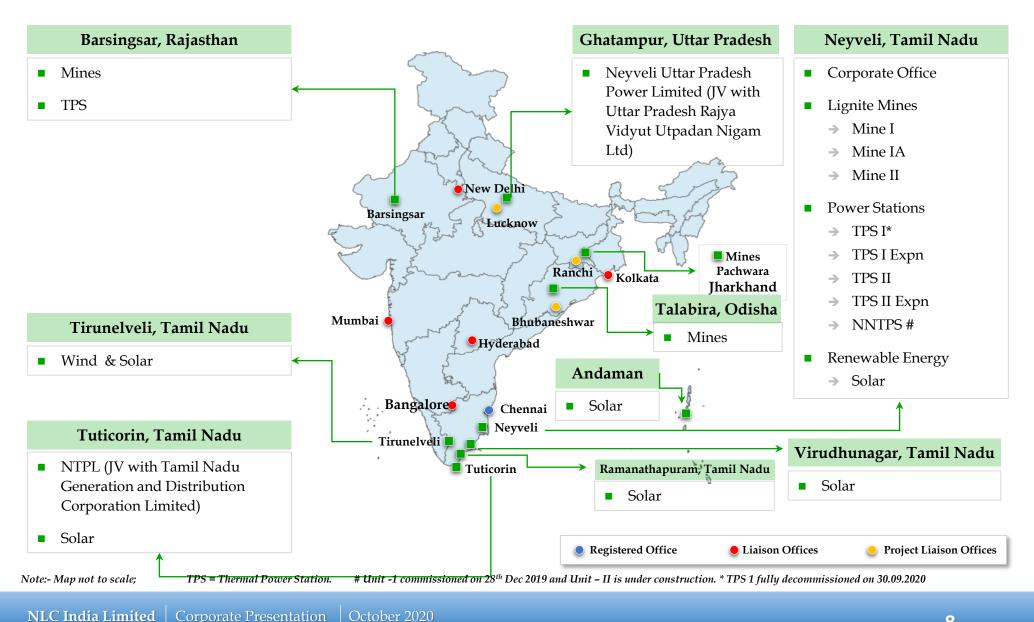
[^]Coal Production for Talabira Project started on 26th April 2020. Achievement of Full Capacity expected by Jan 2027

^{*} TPS -I fully decommissioned on 30.09.2020



Pan India Presence

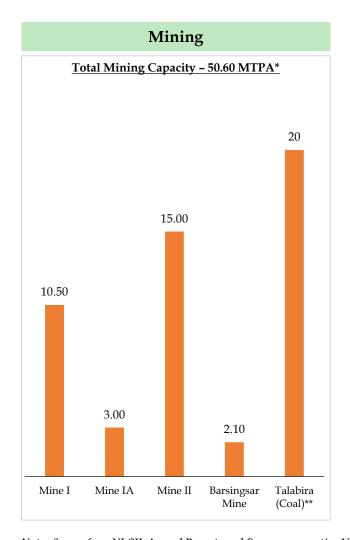


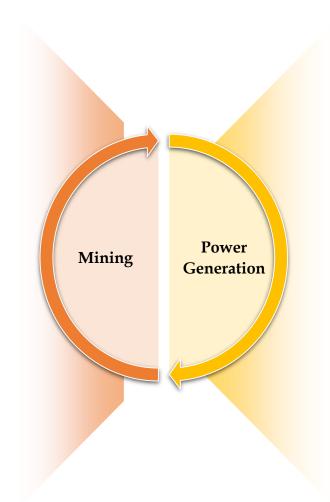


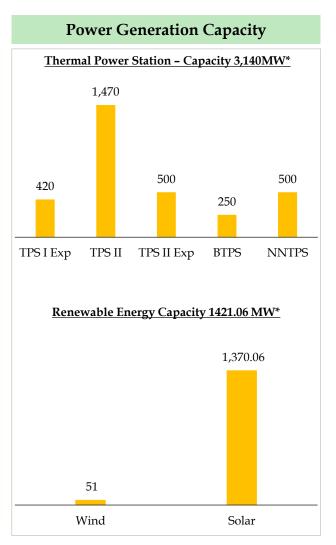


NLCIL's Core Business









Note: Source from NLCIL Annual Reports and figures representing NLCIL Standalone financial statements

^{*}Existing Capacity as on 31.10.2020. All units of TPS-I were retired on 30.09.2020

^{**} Coal Production for Talabira Project started on 26th April 2020. Achievement of Full Capacity expected by Jan 2027

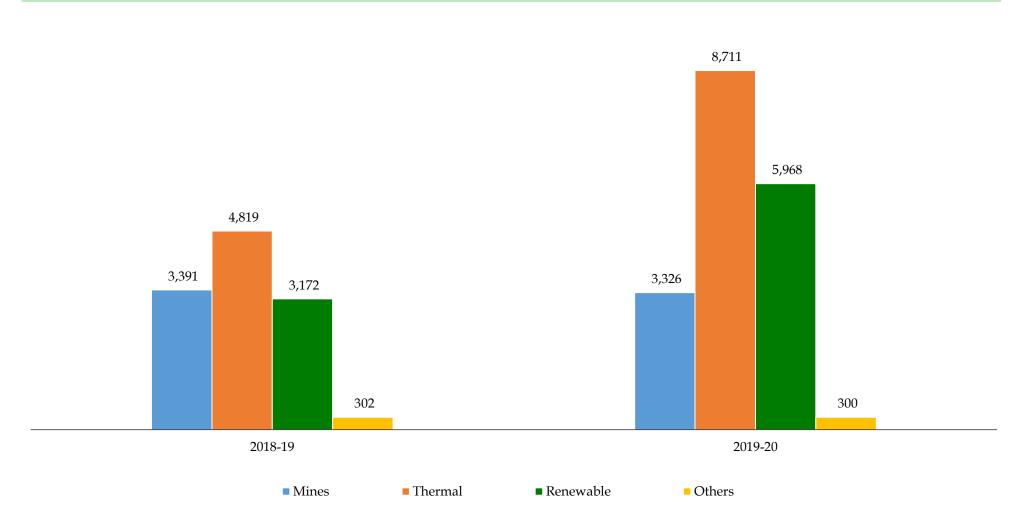


Details of Investments in Various Assets









 $Note: Source\ from\ NLCIL\ Financial\ Results\ \&\ Annual\ Reports\ and\ figures\ representing\ NLCIL\ Standalone;$



Strong In-House Capabilities



Expertise in Open Cast Mining & Power Generation

Lignite Resources for Captive Consumption

Nodal Agency for Lignite Mining

Mining

- Long experience in operation, maintenance and project management in open- cast mining
- Asset bank of specialised mining equipments for open cast mining:
 - German excavation technology
 - 31 Bucket Wheel Excavators
 - Conveyor length 103.41 KMs

Power Generation

- Experience in operating lignite based thermal power station.
- Average Thermal PLF of NLCIL is higher than All India average Thermal PLF.
- Company has crossed 1 GW of renewable energy, which is highest ever achieved by any CPSE.

- 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 6969.10 (Proved) MT in India as on 01.04.2020, Neyveli lignite field, Barsingsar, Bithnok and Hadla of NLCIL accounts for 3248.72 MT.*

- Nodal Agency for Lignite database appointed by Ministry of Coal
- Market share * of 59.04 % in Lignite mining in India during FY 2019-20 as compared to 54.72% in FY 2018-19













*Source : Geological Survey Report (provisional) as on 01.04.2020.



Experienced Management and Board of Directors as on 31.10.2020





Shri Rakesh Kumar, Chairman-cum-Managing Director

Part-time Official Director



Shri Vinod Kumar Tiwari Additional Secretary, Ministry of Coal, GoI.



Shri S K Prabakar Principal Secretary Govt. of Tamil Nadu



Shri R. Vikraman,Director (Human Resource)



Shri N.N.M.Rao, Director (Planning & Projects)

Functional Directors



Shri Prabhakar Chowki Director (Mines)



Shri Shaji John Director (Power)



Shri Jaikumar Srinivasan Director (Finance)



Dr P.Vishnu Dev, Independent Director



Shri N.K.Narayanan Namboothiri Independent Director

Independent Directors



Dr.V.Muralidhar Goud Independent Director





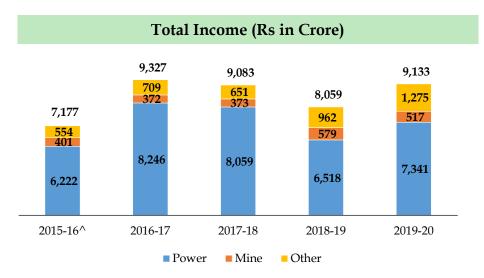


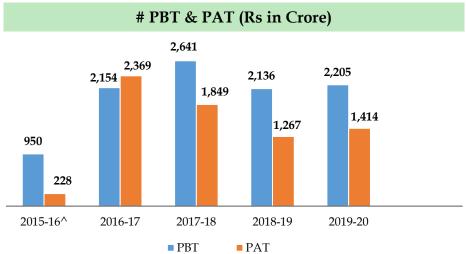
Financial & Operational Performance

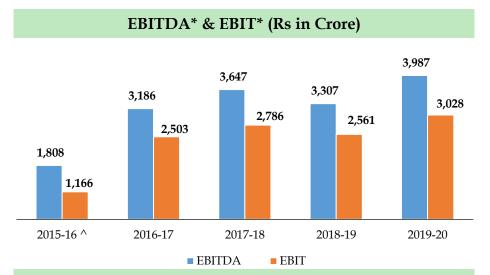


Financial Performance









Key Financial Ratios

	2015-16^	2016-17	2017-18	2018-19	2019-20
OPM* (%)	32.91	39.12	36.60	21.47	35.04
NPM (%)	3.18	25.40	20.35	15.72	15.48
ROCE (%)	1.69	18.95	12.16	8.28	5.98
RONW (%)	1.79	19.66	14.07	10.22	11.30
Current Ratio	1.70	1.41	1.39	1.57	1.83
Quick Ratio	1.47	1.15	1.20	1.35	1.63

[^] Restated as per Ind AS * EBITDA, EBIT & OPM 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;

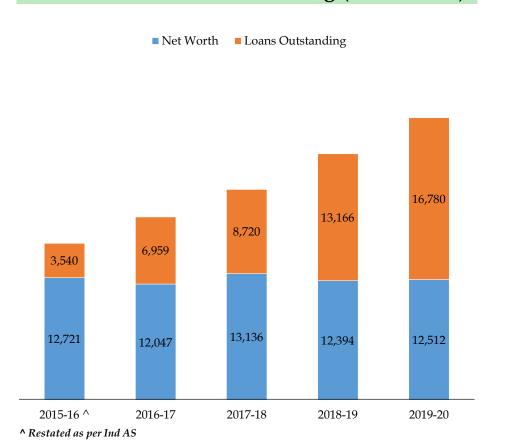
[#] PBT considering Net Movement in Regulatory Deferral Income / Expenses.



Financial Performance



Networth & Loans Outstanding (Rs in Crore)



Credit Ratings (Long Term Borrowings)

Agency	Rating	Status
CRISIL	AAA/Stable	Highest
ICRA	AAA/Stable	Highest
CARE	AAA/Stable	Highest
Brickwork	AAA/Stable	Highest
India Rating	AAA/Stable	Highest

Credit Ratings (Commercial Paper)

Agency	Rating	Status
CARE	A 1+	Upper Medium
India Rating	A 1+	Upper Medium

On 29.05.2019, the company has allotted 14,750 Nos of bonds of Rs.10 Lakh each aggregating to Rs.1,475 Crore at a coupon rate of 8.09%. On 27.01.2020 the company has allotted 5,250 No's of bonds of Rs 10 Lakh each aggregating to Rs 525 Crore at a coupon rate of 7.36%. On 31.07.2020 the company has allotted 5,000 No's of bonds of Rs 10 Lakh each aggregating to Rs 500 Crore at a coupon rate of 5.34%.

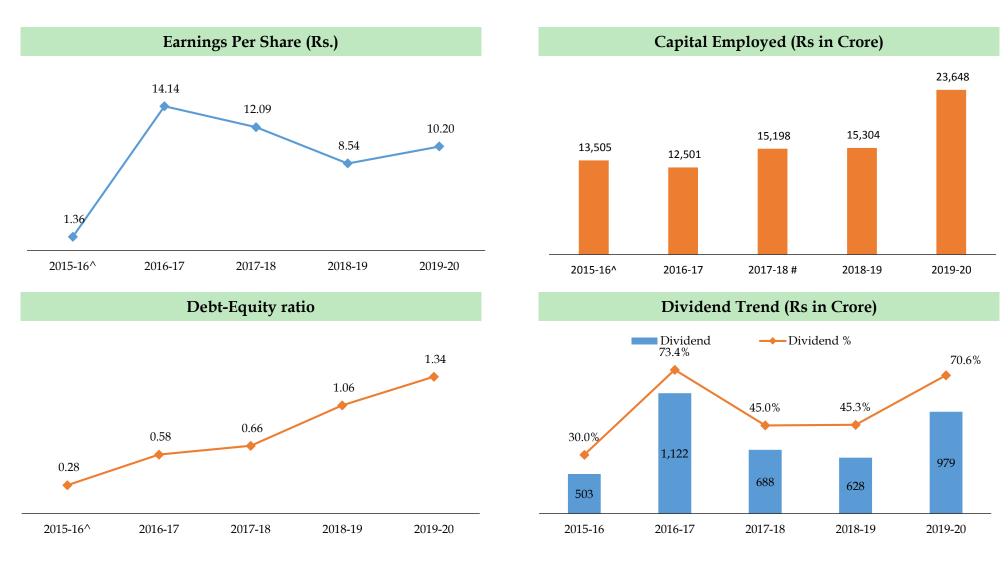
The company has issued commercial paper on various dates and outstanding amount of commercial paper as on 31.10.2020 is Rs.4000 crore

 $Note: \ Source\ from\ NLCIL\ Financial\ Results\ \&\ Annual\ Reports\ and\ figures\ representing\ NLCIL\ Standalone$



Financial Performance



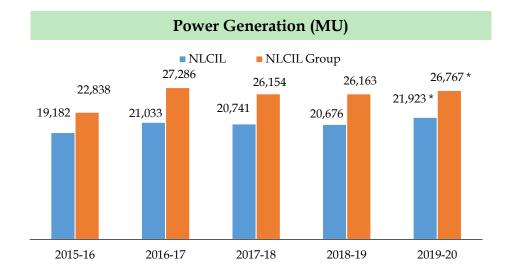


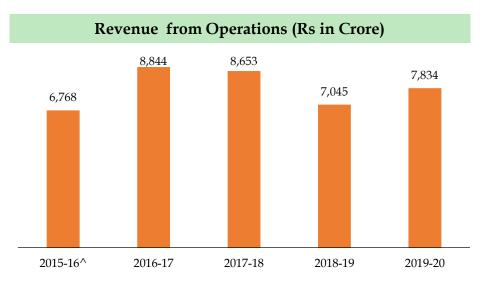
Total Assets excluding CWIP and Asset under Development less Current and Regulatory Liability from FY 2017-18 onwards. Note: Source from NLCIL Financial Results & Annual Reports and figures representing NLCIL Standalone; ^ Restated as per Ind AS

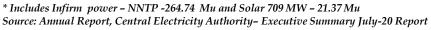


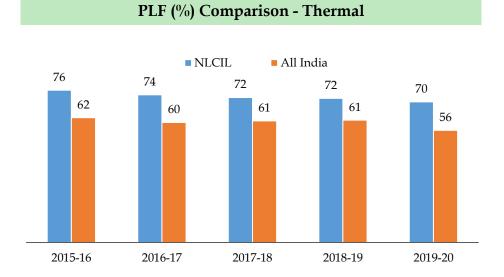
Operational Performance - Power Segment

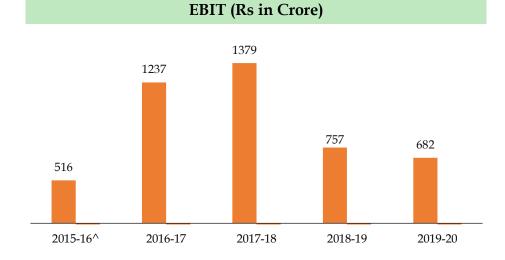










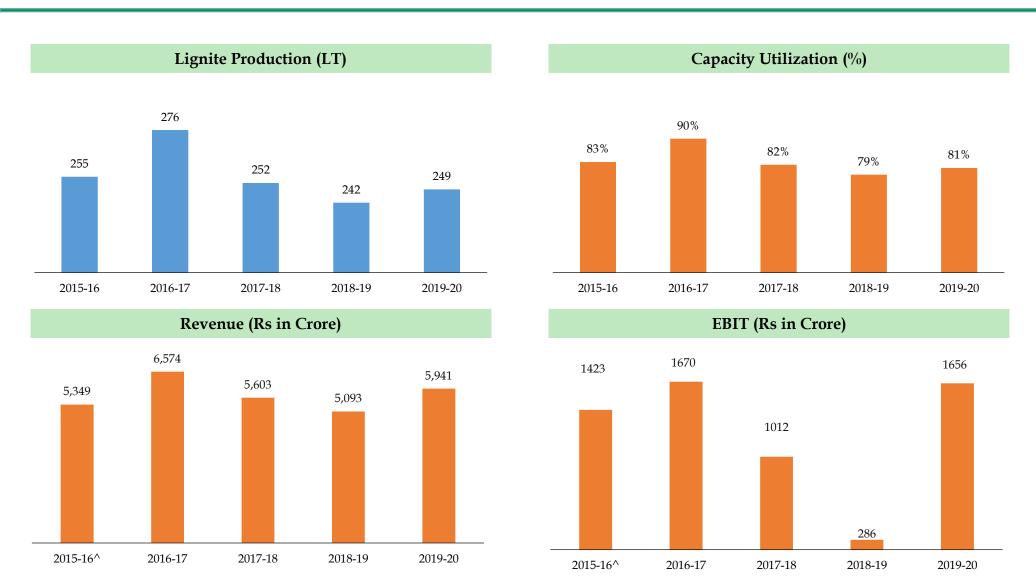


[^] Restated as per Ind AS



Operational Performance - Mining Segment





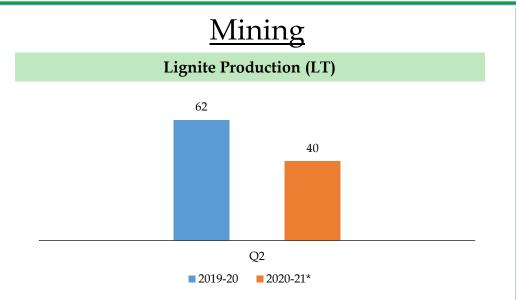
Note: Source from NLCIL Financial Results & Annual Reports and figures representing NLCIL Standalone financial statements

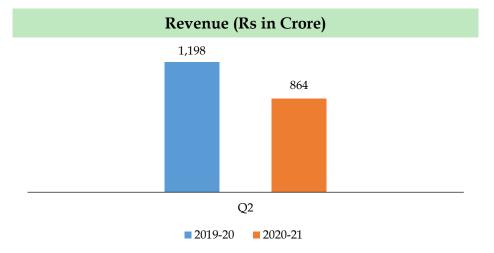
^ Restated as per INDAS

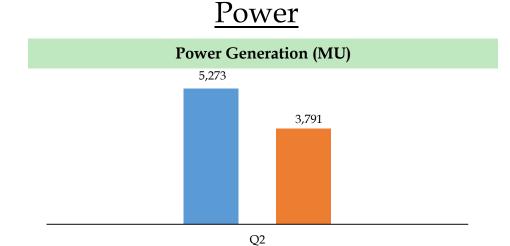


Quarter 2 - Performance - Segment (2019-20 vs 2020-21)

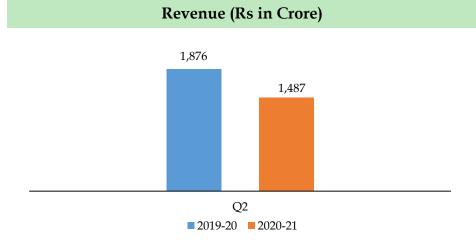








■ 2019-20 # **■** 2020-21



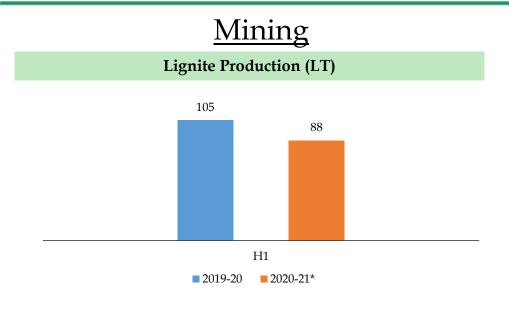
* Includes Coal production of 0.79 LT

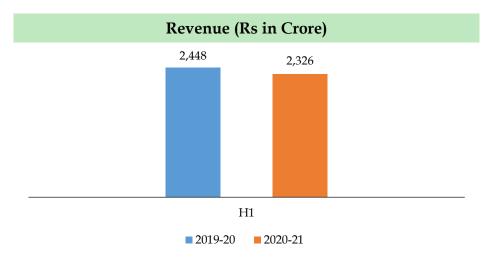
Includes infirm power of 103.53MU

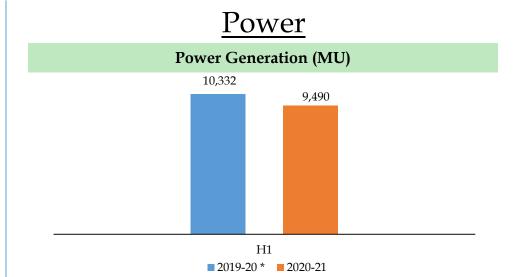


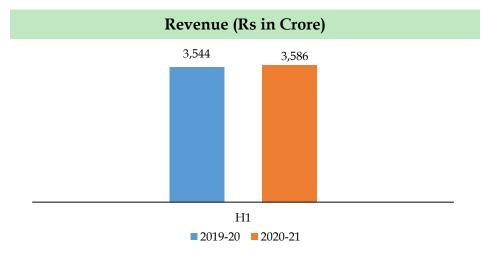
Half Year (H1)- Performance - Segment (2019-20 vs 2020-21)











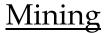
Includes infirm power of 103.53 MU

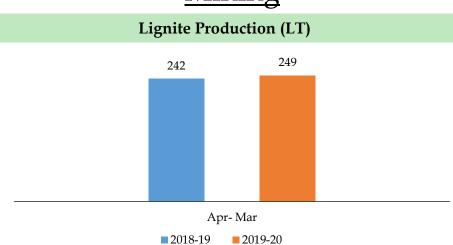
* Includes Coal production of 1.03 LT

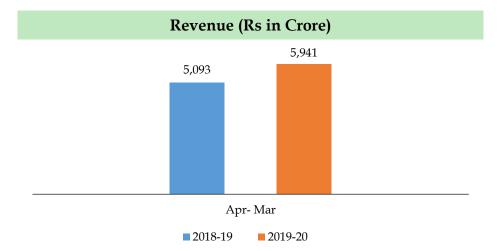


Performance - Segment (2018-19 vs 2019-20)



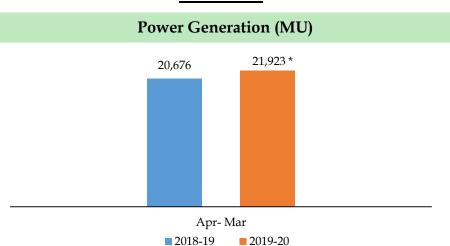


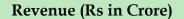




* Includes infirm power NNTPS - 264.74 Mu and Solar 709 MW - 21.37 Mu

Power



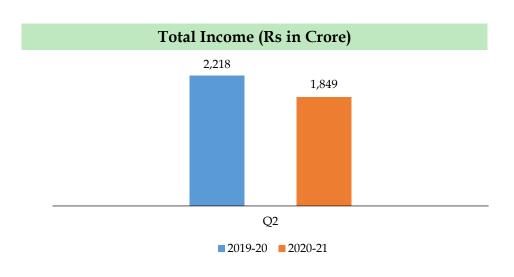


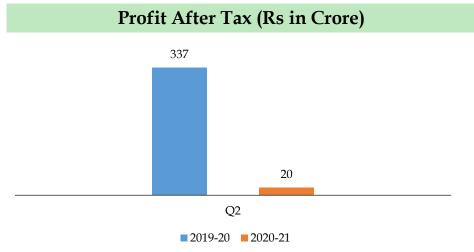


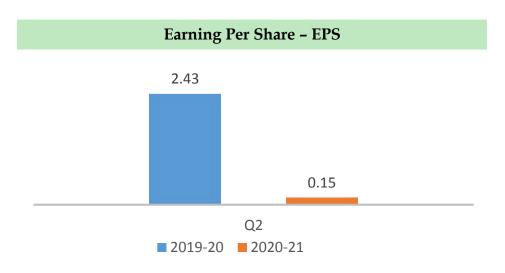


Quarter - 2 Standalone Performance - (2019-20 Vs 2020-21)









Quarterly Income Statement (Rs in Crore)

Particulars	Dec-19	Mar-20	Jun-20	Sep-20
Total Income	2,436.75	2,574.65	2386.86	1,849.00
EBITDA *	1089.91	1,231.49	1075.48	728.90
EBITDA Margin (%)	44.73%	47.83%	45.06%	39.42%
PAT	361.55	392.48	292.54	20.39
PAT Margin (%)	14.84%	15.24%	12.26%	1.10%

* EBITDA computed considering Net Movement in Regulatory Expenses/Income and without considering Exceptional Item.



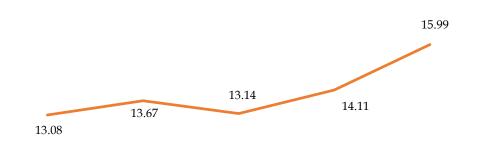
Efficiency Parameters



Output per Man Shift - Power (KWhr)*



Output per Man Shift - Lignite (in Tonne)*



2015-16 2016-17 2017-18 2018-19 2019-20

2018-19

2017-18

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2019-20

2016-17

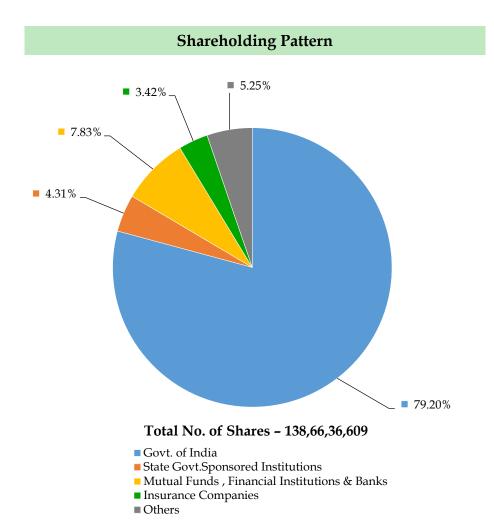
2015-16

 $[*] Source from \ NLCIL \ Financial \ Results \ \& \ Annual \ Reports \ and \ figures \ representing \ NLCIL \ Standalone$



Shareholding Pattern





No. of Shareholders	
(A) Promoter & Promoter Group	
Govt. of India	1
(B) Public	
State Govt Sponsored Institutions	5
Mutual Funds, Financial Institutions & Banks	27
Insurance	7
Others	1,17,342
Total	1,17,382

Market Cap - Rs.6766.79 Crore*

No. of Shareholders

Shareholding Pattern as on 30.10.2020 *Market Cap as on 30.10.2020 (Closing Price of NSE @ Rs. 48.80)





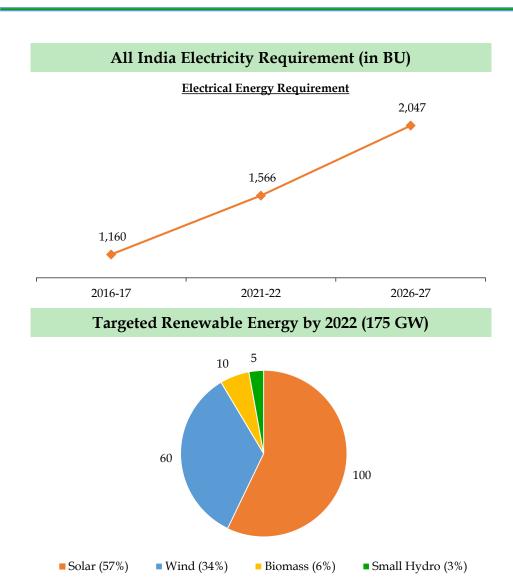


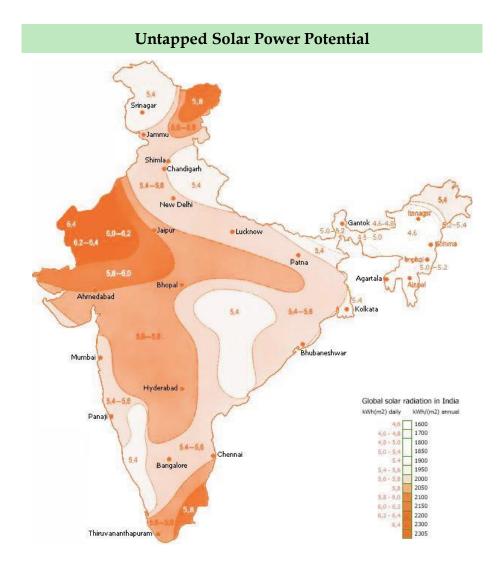
Market Opportunity



Power Demand & Renewable Potential







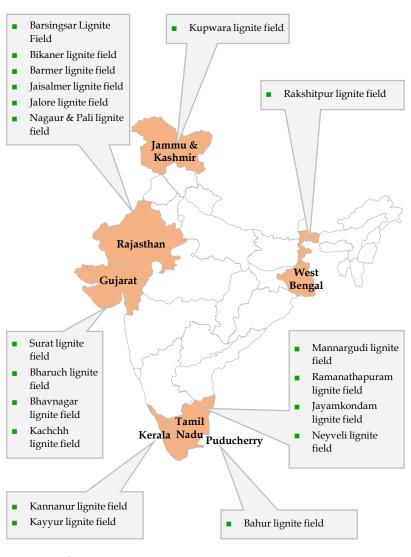
 ${\it Source:} National\ Electricity\ Plan\ January\ 2018;\ \ {\it Map\ not\ to\ scale}$



Lignite Reserves in India

6,349





Map not scale *Source: Indian Coal and Lignite Resources - 2020 by GSI as on 01.04.2020 (Provisional)

State wise Geological resources in MT as on 01.04.2020* (Provisional)

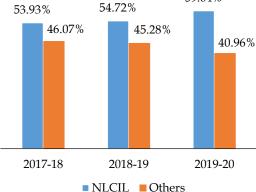
STATE	Proved	Indicated	Inferred	Total	0/0
Puducherry	0.00	405.61	11.00	416.61	0.91
Tamil Nadu	4521.92	22307.22	9400.69	36229.83	79.18
Rajasthan	1168.53	3029.78	2150.77	6349.08	13.87
Gujarat	1278.65	283.70	1159.70	2722.05	5.95
J&K	0.00	20.25	7.30	27.55	0.06
Kerala	0.00	0.00	9.65	9.65	0.02
West Bengal	0.00	1.13	2.80	3.93	0.01
Total	6969.10	26047.69	12741.91	45758.70	100.00

Lignite Reserves (MT)*

Market Share of Lignite Production 2,722. 59.04% 54.72% 53.93% 46.07% 45.28%

36,230

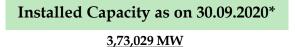


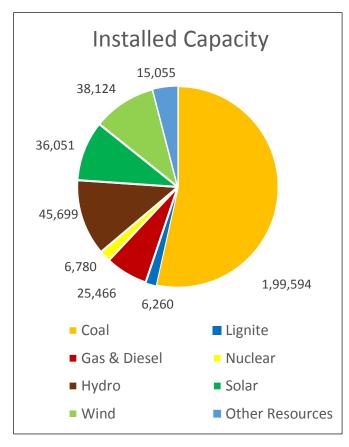


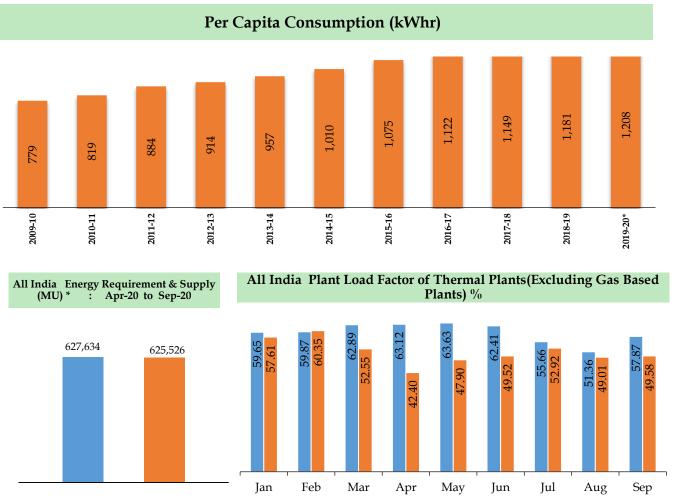


Power Sector in India









2019

2020

 $Source: Central\ Electricity\ Authority-Executive\ Summary\ Sep-2020\ Report$

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■ Required ■ Supplied

^{*} Provisional #For Coal and Lignite based Power Plants and Provisional based on Actual-Cum- Assesment









NLCIL Growth Plan - Vision 2025



Sl. No	Project	Existing Capacity*	Addition Proposed	Total
1	Lignite (MTPA)	30.60	31.55	62.15
2	Coal (MTPA)	20.00^	11.00	31.00
	Total Mining (MTPA)	50.60	40.55	93.15
3	Power - Lignite Based (MW)	3,140	3,640	6,780
4	Power - Coal Based (MW)	1,000	5,980	6,980
5	Power - Renewable (MW)	1421	2,830	4,251
6	Acquisition of Power Assets (MW)	-	3,000	3,000
	Total Power (MW)	5,561	15,450	21,011

^{*} Existing Capacity as on 31.10.2020;

[^] Coal Production for Talabira Project started on 26th April 2020. Achievement of Full Capacity expected by Jan 2027 Source: NLCIL Corporate Plan 2025. The Corporate Plan 2025 includes investments through subsidiaries and Joint Ventures



Growth Plan over 3 Years



Sl. No	Project	Existing Capacity *	Addition Proposed	Total
1	Lignite (MTPA)	30.60	-	30.60
2	Coal (MTPA)^	20.00^	9.00	29.00
	Total Mining (MTPA)	50.60	9.00	59.60
3	Power - Lignite Based (MW)	3,140	500#	3,640
4	Power - Coal Based (MW)	1,000	1,980	2,980
5	Power - Renewable (MW)	1421	-	1,421
6	Acquisition of Power Assets (MW)	-	-	-
	Total Power (MW)	5,561	2480	8,041

Source: NLCIL Corporate Plan 2025. The Corporate Plan 2025 includes investments through subsidiaries and Joint Ventures

^{*} Existing Capacity as on 31.10.2020

[#] NNTPS of 1000 MW (Two units of 500 MW each, out of which one unit commissioned on 28.12.2019

[^]Coal Production for Talabira Project started on 26th April 2020. Achievement of Full Capacity expected by Jan 2027



On going / Upcoming Mining Projects



Rs. in Cr

On Going Projects						
Lignite Projects	МТ	Estimated Cost	Expected COD			
Expansion of Mine-IA from 3 MTPA to 7 MTPA	4.00	709.06	On Hold			
Bithnok Lignite Mine, Rajasthan	2.25	513.63	On Hold			
Hadla Lignite Mines, Rajasthan	1.90	522.45	On Hold			
Mine III Neyveli	11.5	2,130.30	Project is under Formulation			
Total	19.65	3,875.44				

Rs. in Cr

Upcoming Projects						
Lignite Projects	MT	Estimated Cost	Expected COD			
Palayamkottai & Vellar^	11.50	-	Project is under			
Barsingsar Expansion, Rajasthan	0.40	-	Formulation			
Total	11.90	-				

Total Lignite: 31.55 MT

Rs. in Cr

Coal Projects

Coal Projects	MT	Estimated Cost	Expected COD
Talabira II & III Coal Blocks	20.00	2401.07	Jan 2027*
South Pachwara Coal Block **	11.00	1795.00	Mar 2028
Total	31.00	4196.07	

Total Coal: 31.00 MT

Source: NLCIL Corporate Plan 2025, ** Allotted for NUPPL

^ Under approval,

*Coal Production started on 26^{th} April 2020. Achievement of Full Capacity expected by Jan 2027



On going / Upcoming Power Projects



On Going Projects

Lignite based TPS:	MW	Estimated cost (Rs. in Cr)	Expected COD
Neyveli New Thermal Power Project	500*	7,980.79*	U-II Dec 20
Bithnok TPS^	250	2,196.30	On Hold
Barsingsar TPS Expn^	250	2,112.59	On Hold
TPS-II 2 nd Exp Phase I	1,320	8,733.49	Apr-26 Oct- 26
Total	2,320	21023.17	

Coal based TPS	MW	Estimated cost (Rs. in Cr)	Expected COD
NUPPL - UP	1,980	17,237.80	Unit I – May 21 Unit II – Aug 21 Unit III – Nov 21
Odisha Pit head TPS phase I (3 X 800 MW)	2400	19,422.44	Apr-26, Oct 26 Apr 27
Total	4,380	36,660.24	

Upcoming Projects

Renewable	MW	Estimated cost (Rs. in Cr)	Expected COD
Solar – in various States	2,630	-	Project is under
Wind Power - TN	200	-	Formulation
Total	2,830	-	

Lignite based TPS	MW	Estimated cost (Rs. in Cr)	Expected COD	
TPS-II 2 nd Exp Phase II	1,320	-	Project is under Formulation	
Coal based TPS	MW	Estimated cost (Rs. in Cr)	Expected COD	
Odisha TPP Phase II	800	-	Project is under	
Odisha TPP Phase III	800	-	Formulation	
Total	1600			

Power Assets Acquisition	MW	Expected COD
Power Assets Acquisition	3000	Project is under Formulation
Total	3000	

*Note: NNTPS of 1000 MW (Two units of 500 MW each, out of which one unit commissioned on 28.12.2019, capitalised at cost of Rs.4313.67 crores. The above stated estimated cost includes the capitalised cost.

[^] These projects are on hold.

^{^^} Source: NLCIL Corporate Plan 2025







Corporate Social Responsibility



CSR Initiatives



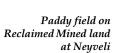
Details of CSR expenditure (Rs. Cr)

Year	Norm	Actual
2017-18	37.32	43.59#
2018-19	45.17	49.46
2019-20	46.78	75.66

Green belt development

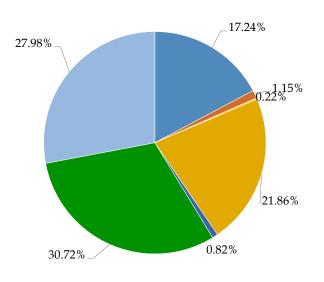


Neyveli Township Overview Green Cover with 191 lakh trees.





% of amount spent on CSR Activities in 2019-20



- Education
- Promoting gender equality
- Protection of national heritage
- Rural Development
- Sports
- Swachh Bharat Kosh & Health Care
- Others









#Includes unspent carry forward of 2016-17 amounting to Rs.6.27 Crore



New Initiatives - Sustainable Development



Energy Conservation

- Formed 14 industrial / service units for adoption of energy conservation measures
- Replacement of conventional lights with Contemporary energy saving LED lights.
- Adoption of Multifarious Methods to inculcate and imbibe the energy conservation
- Introduction of capacitor Bank in motors of conveyors, SME and Transformers to improve power factor thereby reducing reactive power energy losses.
- Introduction of Dynamic loading system in conveyors in Mines.
- Measures to reduce the consumption of diesel in various sectors (surface transport, mining equipment and cranes etc.)
- Integrated Solar street light.

Technology Absorption through Research and Development

- Trail and characterization of **solar lignite drying** is in process.
- Development of Micro Hydel power generation
- Development of Micro hydro power generation
- Pilot project of Floating Solar PV plant of 200 Kw at thermal lake is in progress
- Electrification of GWC bore wells & Conveyor systems.
- Studies on Solar Cold storage at CARD, the effects of Humic on aquaculture and Zeolite based catalyst for mitigation of exhaust gas pollution
- Extraction of construction grade sand from overburden materials
- Exploring alternate use of lignite is in progress.



Major Risks and Concerns



- Delay in realisation of Power Dues.
- Power Surrender by the Beneficiaries.
- Denial of agreed tariff due to delay in commissioning of projects within the control period prescribed by the Regulator.
- Compliance to the stringent New Environmental Emission norms for Thermal Power Stations.
- Resistance from the Land owners against Land acquisition and its restricted availability lead to delaying the operations.
- Competition consequent to de regulation in Indian power sector.
- Stringent Norms prescribed by regulatory authority affecting power tariff.
- Cost and time overrun of projects under execution.
- Higher cost of lignite Mining.







Thank You