



NLC INDIA LIMITED

(formerly Neyveli Lignite Corporation Limited)
(A Government of India Enterprise)

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Lr.No.Secy/Reg.30 of LODR/2018

Dt.18.09.2018

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 Bombay Stock Exchange Ltd Phiroze JeeJeebhoy Towers Dalal Street Mumbai-400 001. Scrip Code : 513683
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Dear sirs,

In compliance of Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements) Regulations,2015,we furnish the updated material on investor presentation for your reference and record.

Thanking you

Yours faithfully
for NLC India Limited

For Shariq
Company Secretary

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- 1** Company Overview & Performance Highlights
- 2** Financial & Operational Performance
- 3** Market Opportunity
- 4** Growth Plans
- 5** Corporate Social Responsibility



Company Overview & Performance Highlights



- 
A 'Navratna' CPSE incorporated in 1956. Under the administrative control of Ministry of Coal
- 
Paid up Equity Share Capital - Rs. 1,528.57 Crore (GoI holding - 83.94%)
- 
*Mining, Power Generation
Trading License - Category I*
- 
Regional Presence to National Level Presence
- 
Advanced Technology
- 
Robust Financial Performance in terms of Revenue, Profit and Net worth. Highest domestic credit rating . Consistent track record of Dividend.
- 
Skilled Manpower
- 
Present Composition of Board - Total 10 Directors (4 Functional Directors, 1 Government Nominees and 5 Independent Directors including 1 Women Directors)

We are currently not in compliance with the requirements of Regulations 17(1)(b) of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015, and depending on the timing of such appointments, it is possible that we may not be compliant with the requirement of such provisions of the SEBI Listing Regulations until such appointments are completed. Ministry of Coal, the Administrative Ministry, is in the process of appointing Independent Directors on the Board of Directors.

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

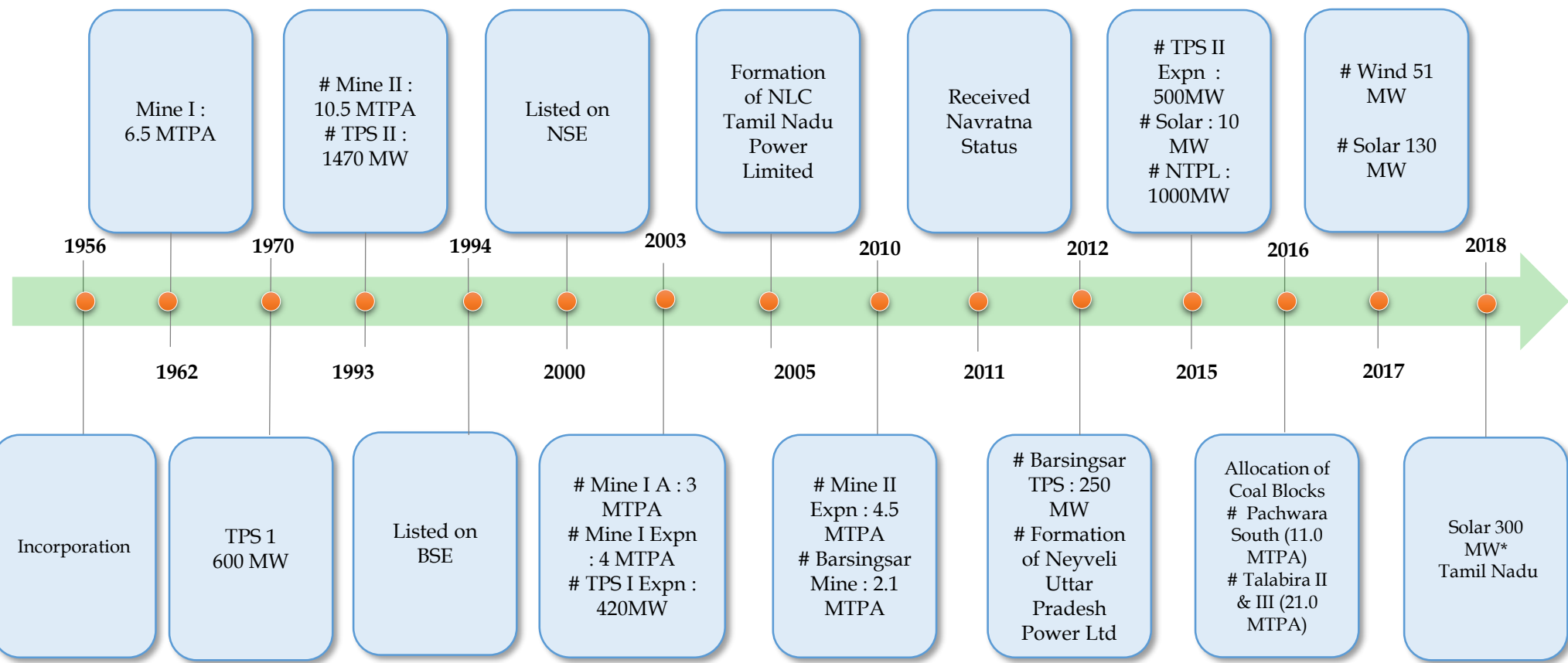
N- National Orientation

L - Learning and Development

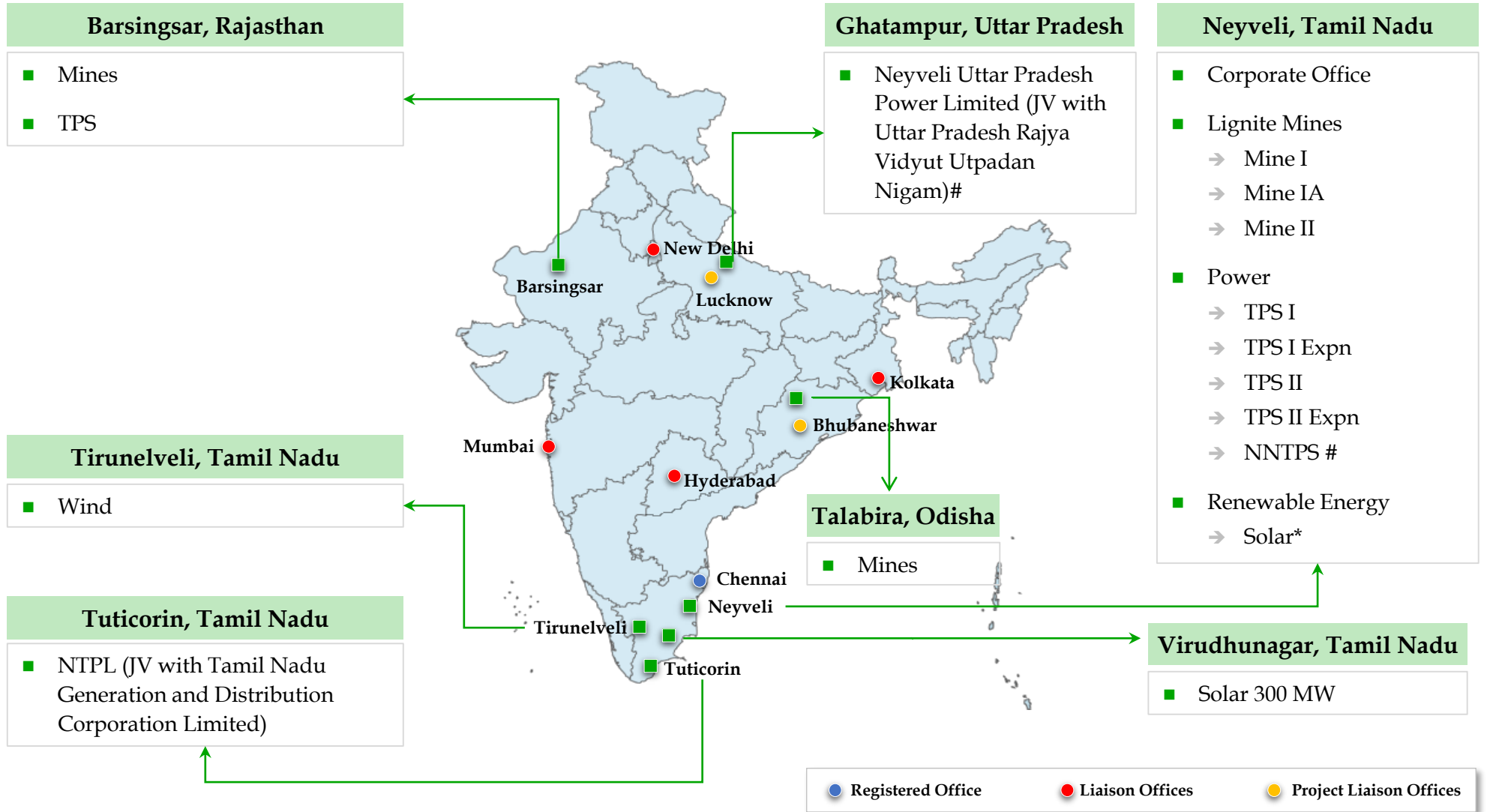
C- Commitment and Excellence

I - Innovation and Speed

Evolution & Key Milestones



Note:- * 100 MW Solar Commissioned in March 2018 further 200MW commissioned in May 2018.

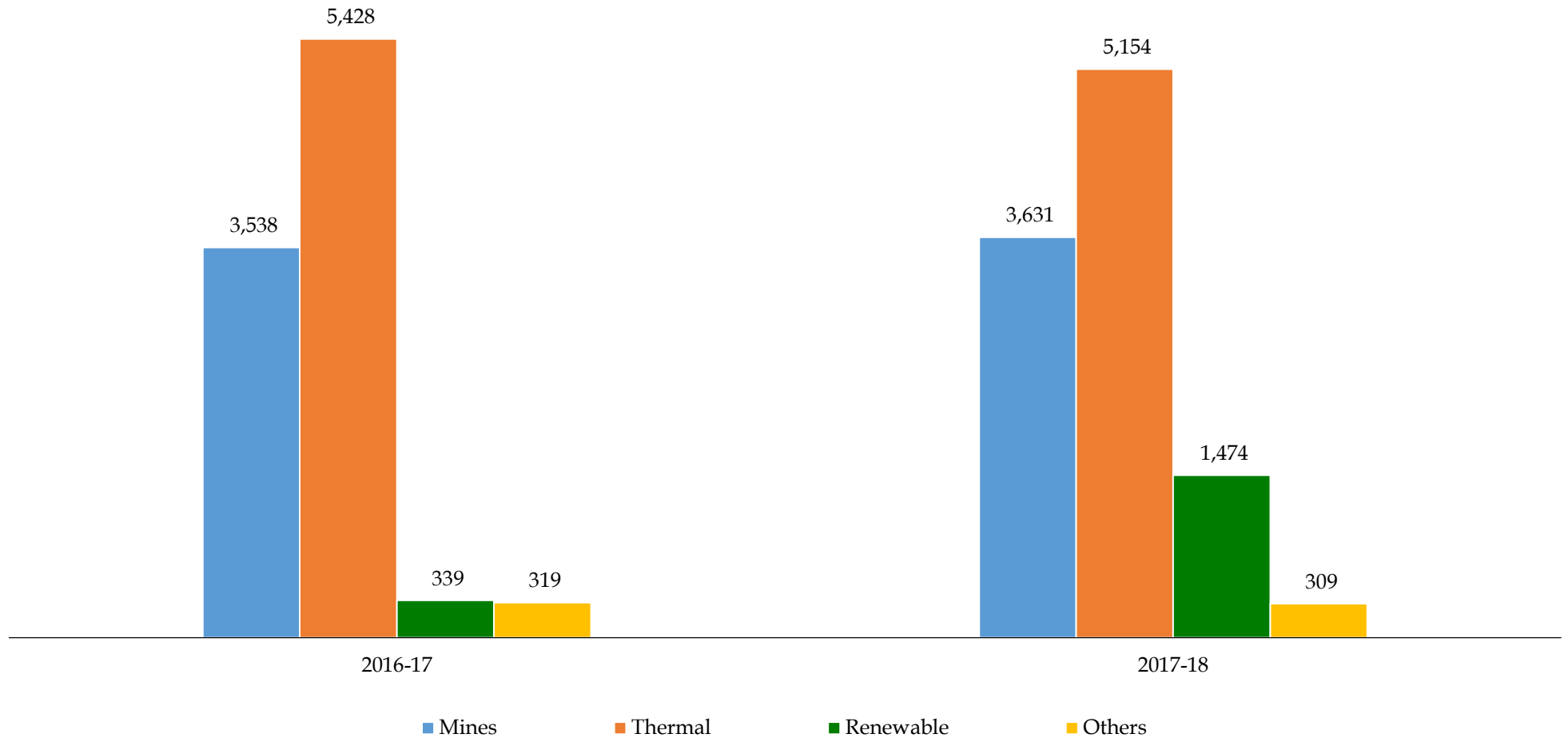


Note:- Map not to scale; TPS = Thermal Power Station.

*Solar 140 MW in Neyveli & balance 300 MW in different parts of Tamil Nadu

Under Construction

Net Fixed Assets (Rs. in Crore)



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

Expertise in Open Cast Mining & Power Generation

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
 - 35 Bucket Wheel Excavators
 - Conveyor length – 118.27 KMs

Power Generation

- Experience in running lignite based thermal power station.
- All thermal stations (including TPS I being more than 50 years old) are running at higher PLF than All India average PLF.

Lignite 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 6,540.71 MT in India as on 01.04.2018, Neyveli lignite field, Barsingsar, Bithnok and Hadla of NLCIL accounts for 3,915.64 MT.*

Nodal Agency for Lignite Mining

- Nodal Agency for Lignite database appointed by Ministry of Coal
- Market share * of 53.92 % in Lignite mining in India during FY 2017-18 as compared to 60.90% in FY 2016-17



*Source : In-house survey report (provisional) as on 01.04.2018.



Shri Rakesh Kumar,
CMD (Addl.Charge) & Director (Finance)

**Part-time
Official
Director**



Shri. Suresh Kumar,
Additional Secretary,
Ministry of Coal, Govt. of India

**Functional
Directors**



Shri R. Vikraman,
Director (Human Resource)



Shri V.Thangapandian,
Director (Power)



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



Shri Chandra Prakash Singh,
Independent Director



Ms. Nalini Padmanabhan,
Independent Director

**Independent
Directors**



Shri Azad Singh Toor,
Independent Director



Shri K Madhavan Nair,
Independent Director



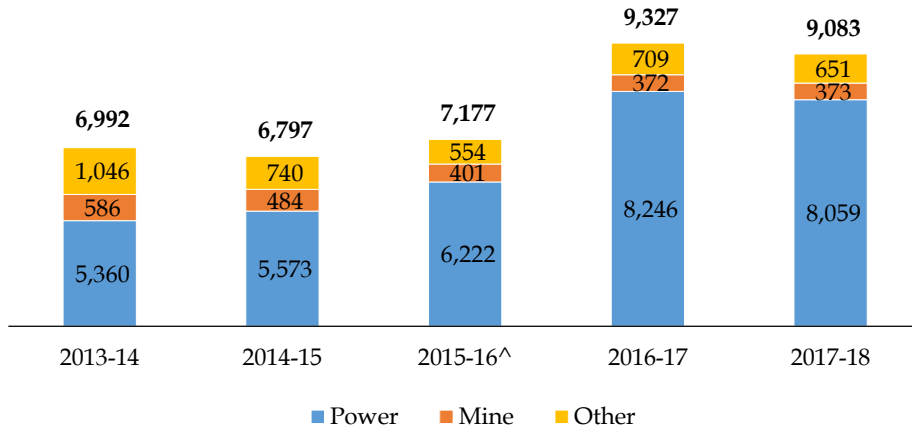
Shri Indrajit Pal,
Independent Director

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Director Mines - Post is vacant

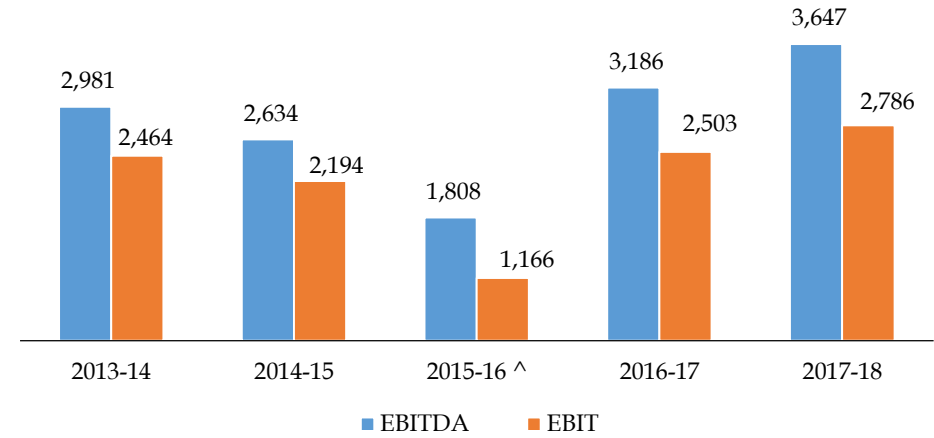


Financial & Operational Performance

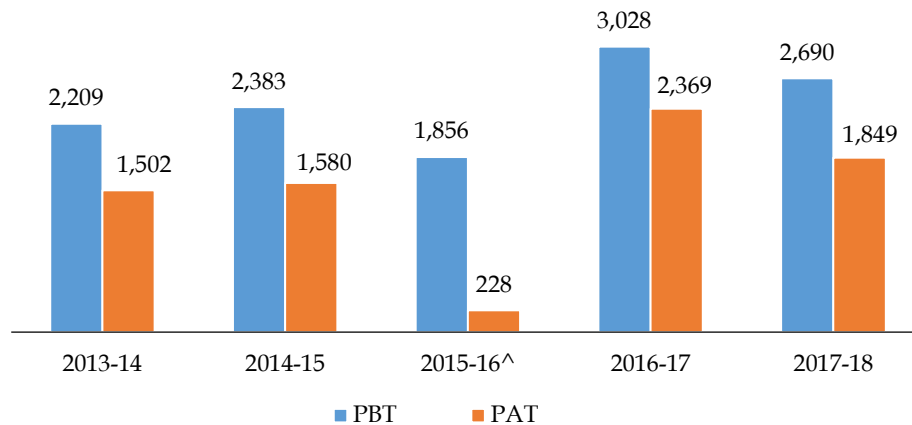
Total Income (Rs in Crore)



EBITDA* & EBIT* (Rs in Crore)



PBT & PAT (Rs in Crore)



Key Financial Ratios

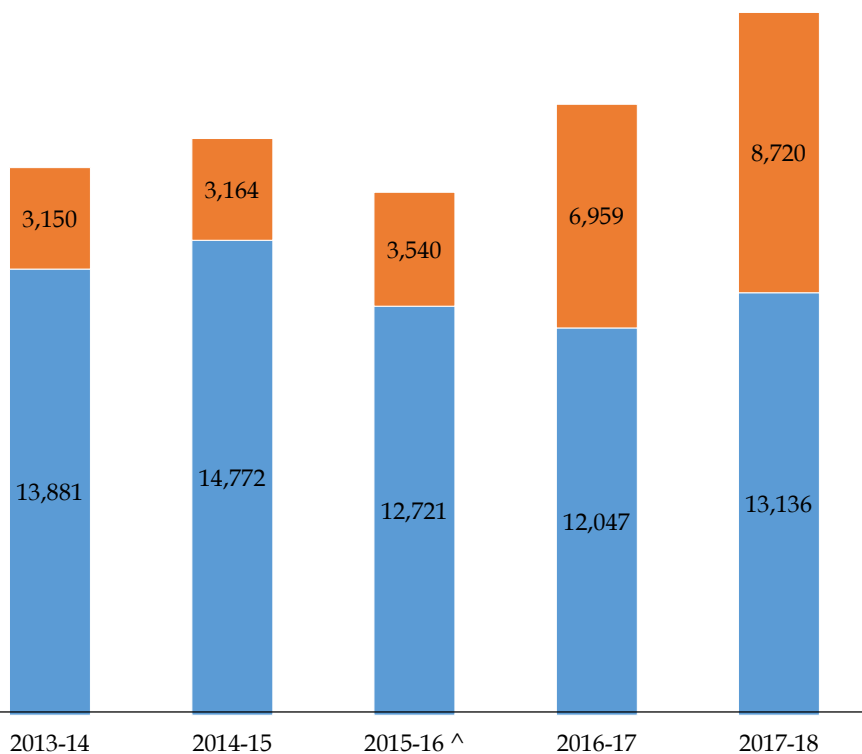
	2013-14	2014-15	2015-16^	2016-17	2017-18
OPM (%)	32.78	31.62	32.91	39.12	36.60
NPM (%)	21.48	23.24	3.18	25.40	20.35
ROCE (%)	12.11	12.81	1.69	18.95	12.16
RONW (%)	10.82	10.69	1.79	19.66	14.07
Current Ratio	3.44	3.55	1.70	1.41	1.39
Quick Ratio	3.16	3.16	1.47	1.15	1.20

Note : Source from NLCIL Financial Results & Annual Reports and figures representing NLCIL Standalone; ^ Restated as per Ind AS

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

Networth & Loans Outstanding (Rs in Crore)

■ Net Worth ■ Loans Outstanding



Note : Source from NLCIL Financial Results & Annual Reports and figures representing NLCIL Standalone
^ Restated as per Ind AS

Credit Ratings

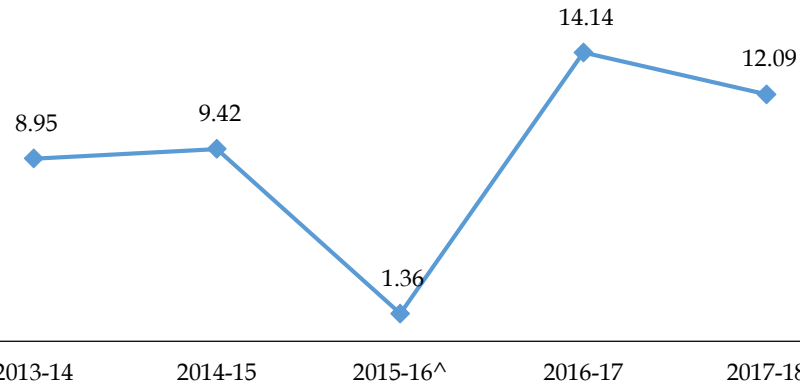
Agency	Rating	Status
CRISIL	AAA/Stable	Highest
ICRA	AAA/Stable	Highest
CARE	AAA/Stable	Highest
Brickwork	AAA/Stable	Highest

Quarterly Income statement

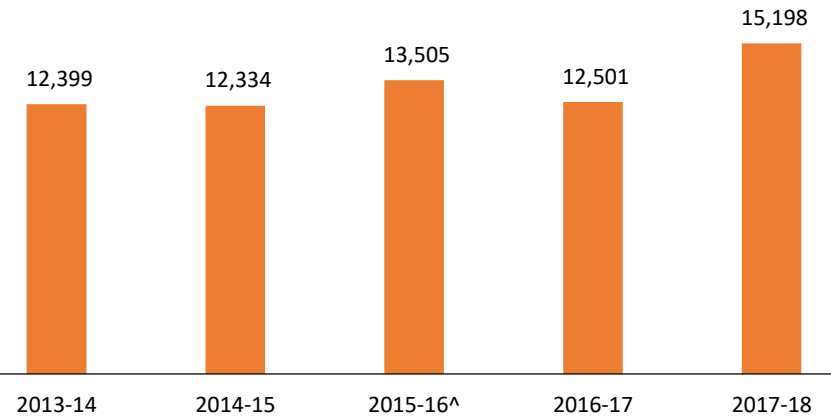
Rs in Crore	Sep-17	Dec-17	Mar-18	June-18
Total Income	2,123.09	1,807.50	2826.76	1841.11
EBITDA *	764.51	506.37	1673.40	732.88
EBITDA Margin (%)	36.01%	28.01%	59.20%	39.81%
PAT	326.88	313.80	892.01	319.63
PAT Margin (%)	15.40%	17.36%	31.56%	17.36%

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

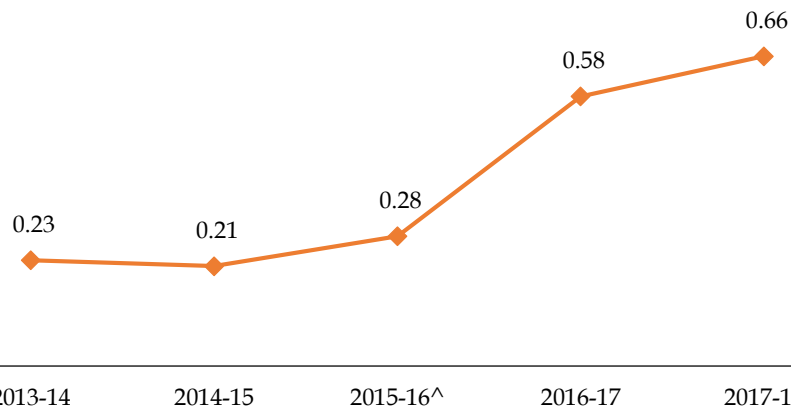
Earnings Per Share (Rs.)



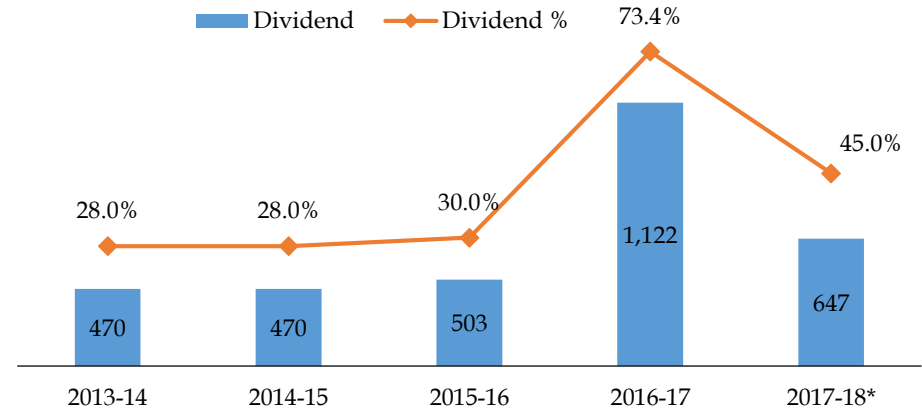
Capital Employed (Rs in Crore)



Debt-Equity ratio



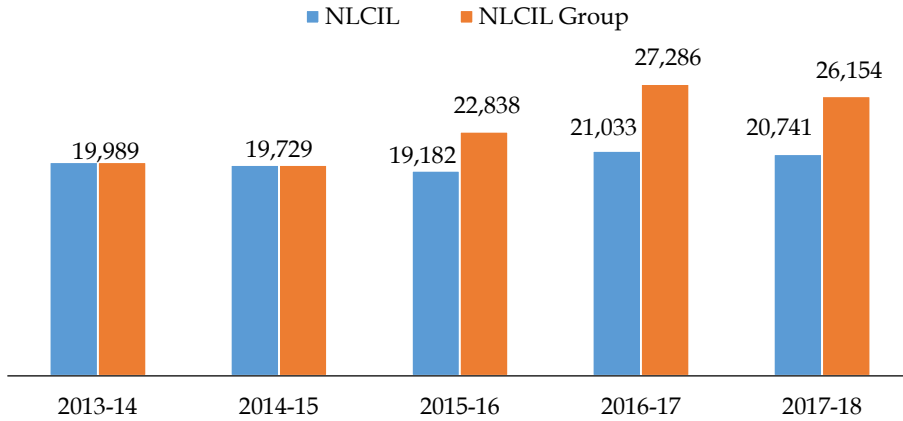
Dividend Trend (Rs in Crore)



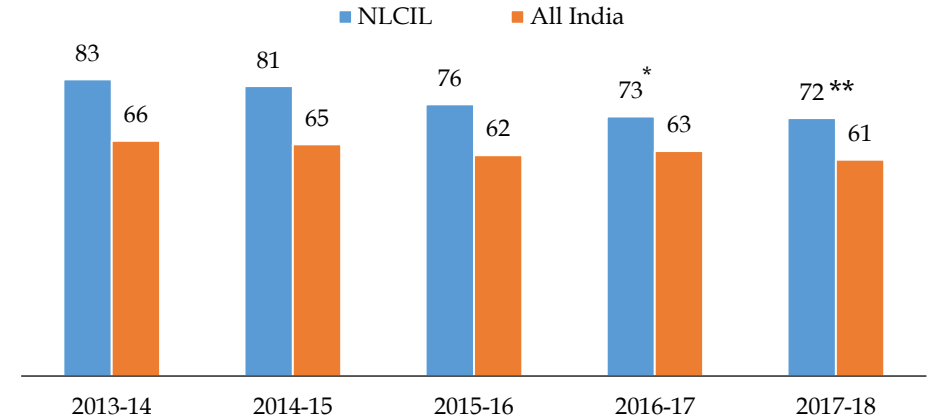
Note : Source from NLCIL Financial Results & Annual Reports and figures representing NLCIL Standalone; [^] Restated as per Ind AS

*Includes Final Dividend of 2.7%

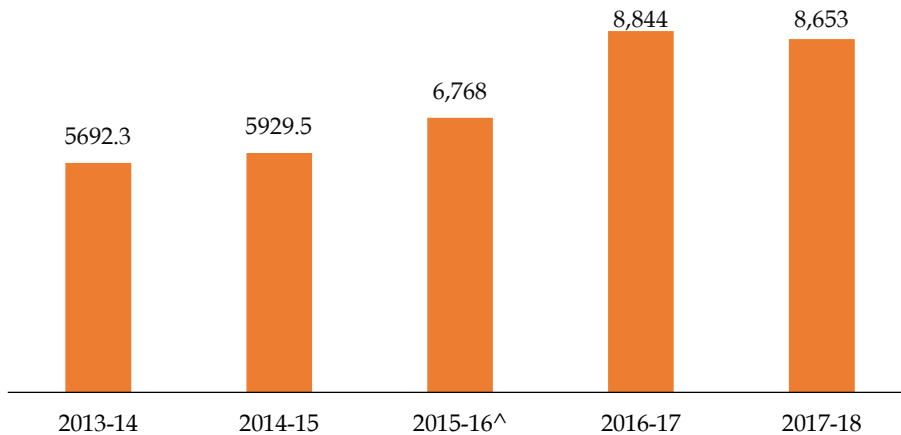
Power Generation (MU)



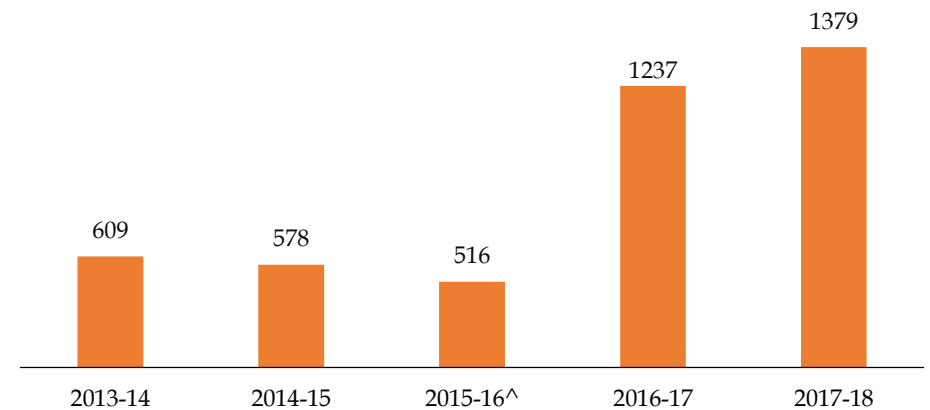
PLF (%) Comparison



Revenue from Operations (Rs in Crore)



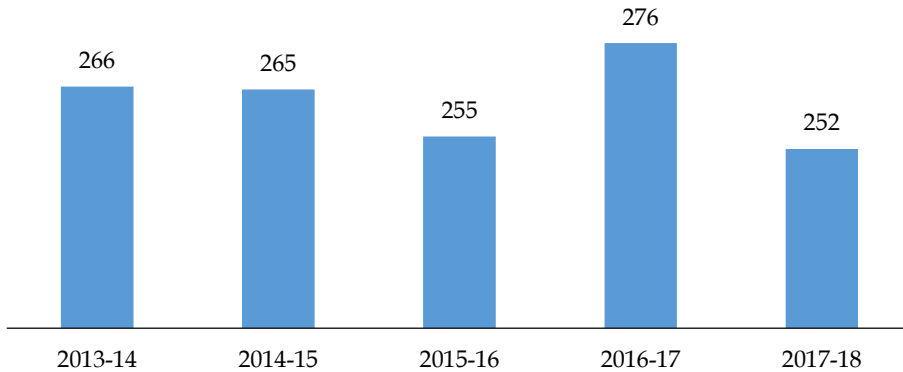
EBIT (Rs. in Crore)



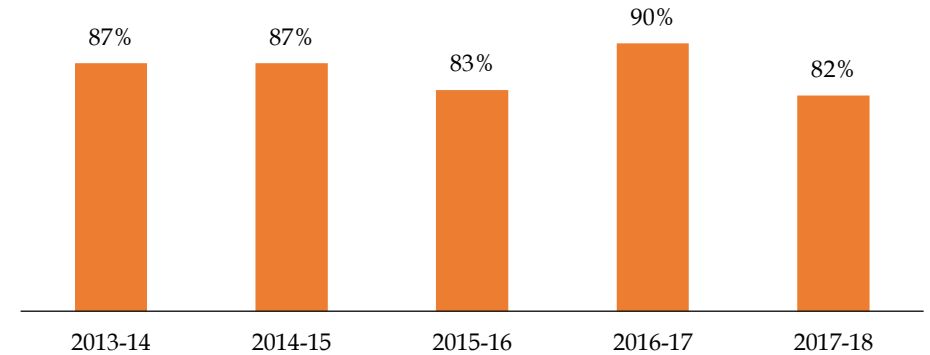
Source: Annual Report, Central Electricity Authority- Executive Summary Mar -18 Report

* Does not include TS II E, Wind and Solar as these were commissioned during the year ** does not include Wind and Solar [^] Restated as per Ind AS

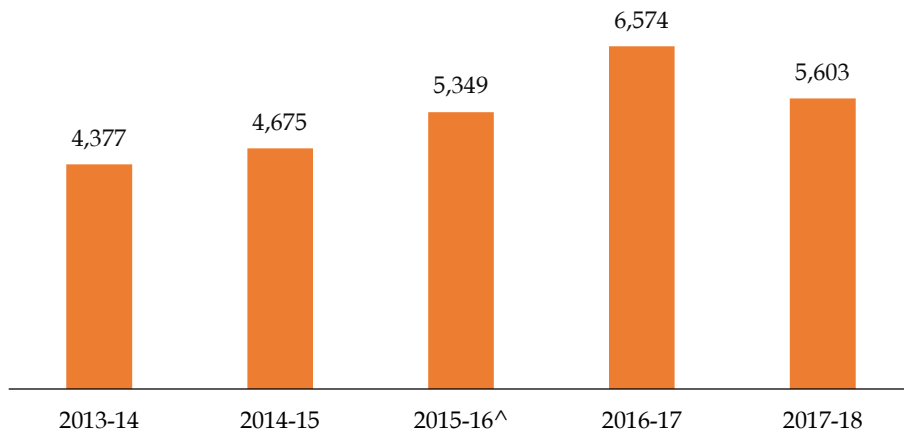
Lignite Production (LT)



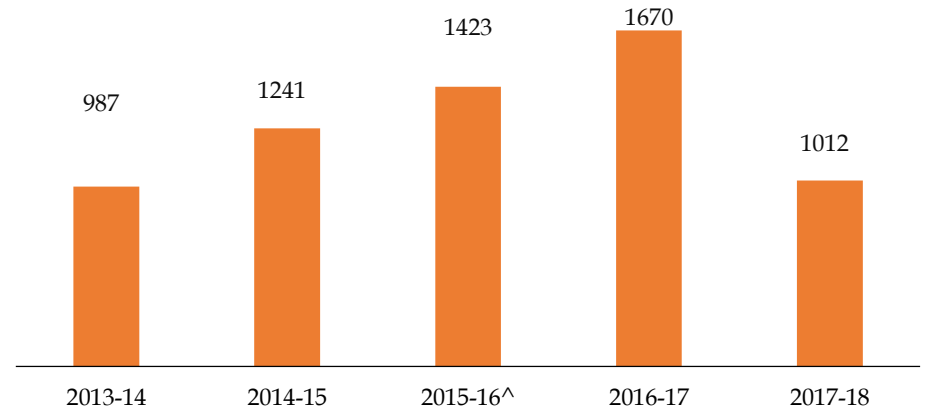
Capacity Utilization (%)



Revenue (Rs in Crore)



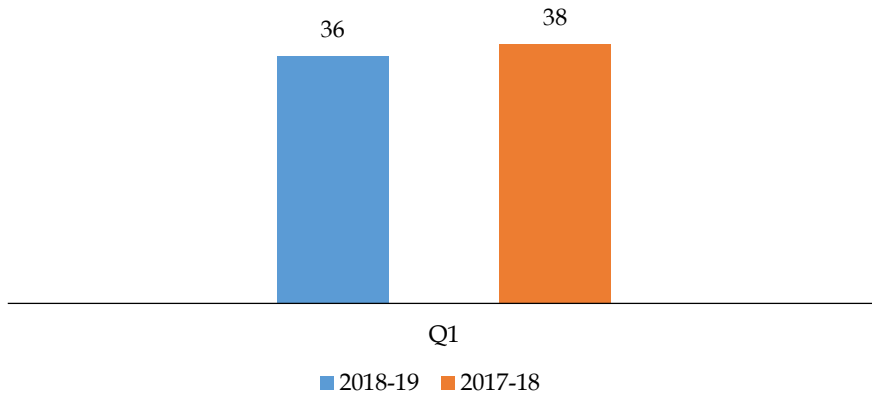
EBIT (Rs in Crore)



Note : Source from NLCIL Financial Results & Annual Reports and figures representing NLCIL Standalone financial statements [^] Restated as per INDAS

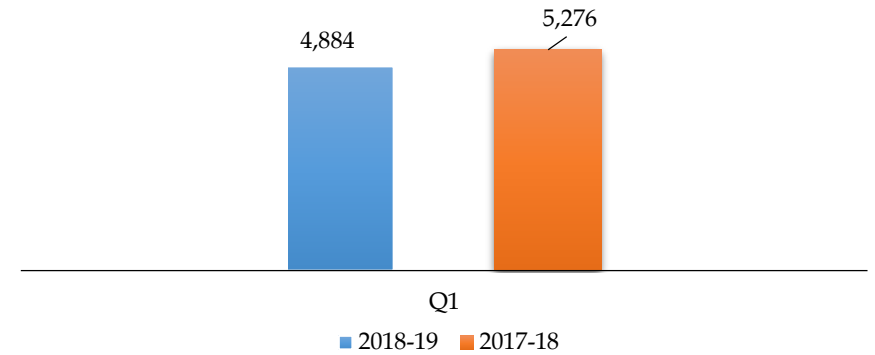
Mining

Lignite Production (LT)

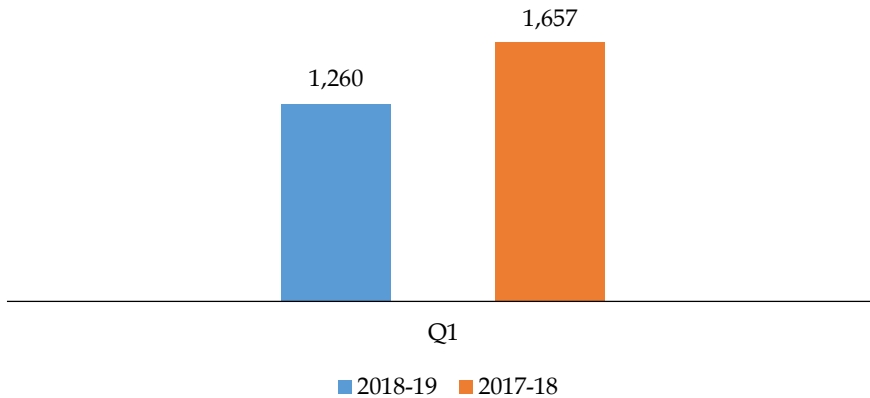


Power

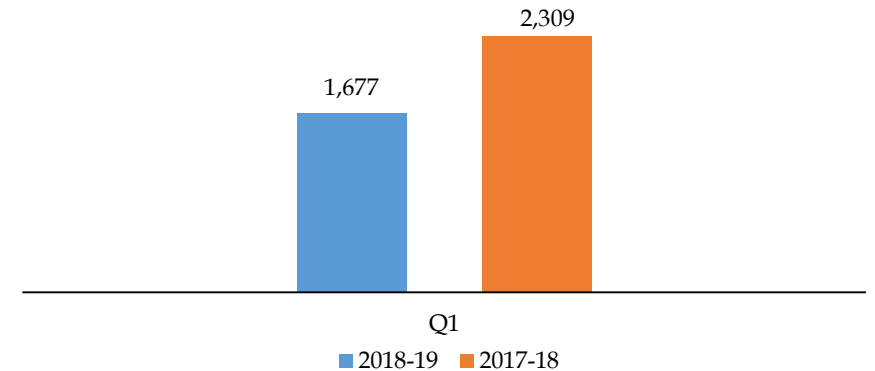
Power Generation (MU)



Revenue (Rs. in Crore)

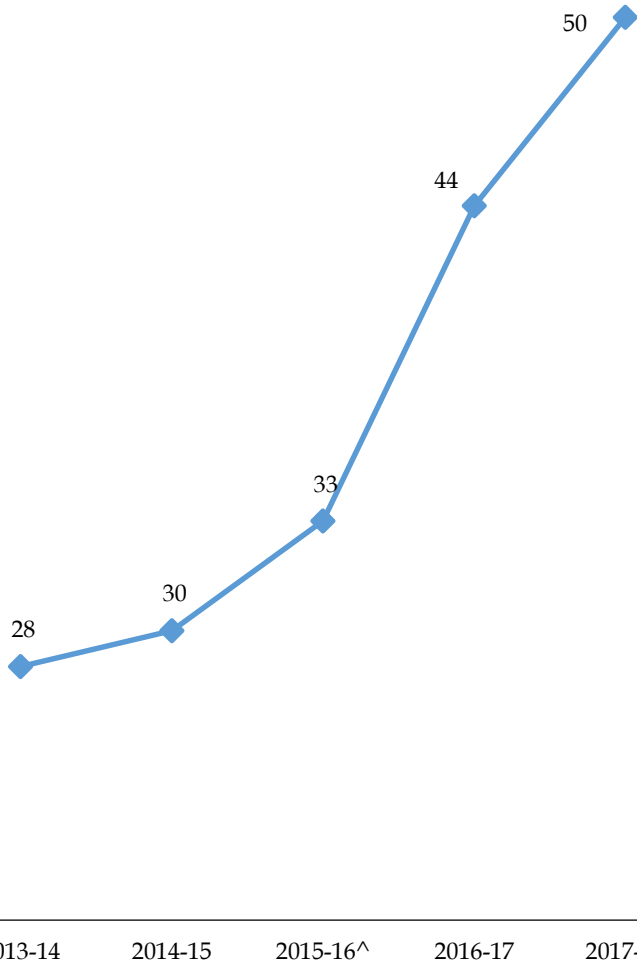


Revenue (Rs. in Crore)

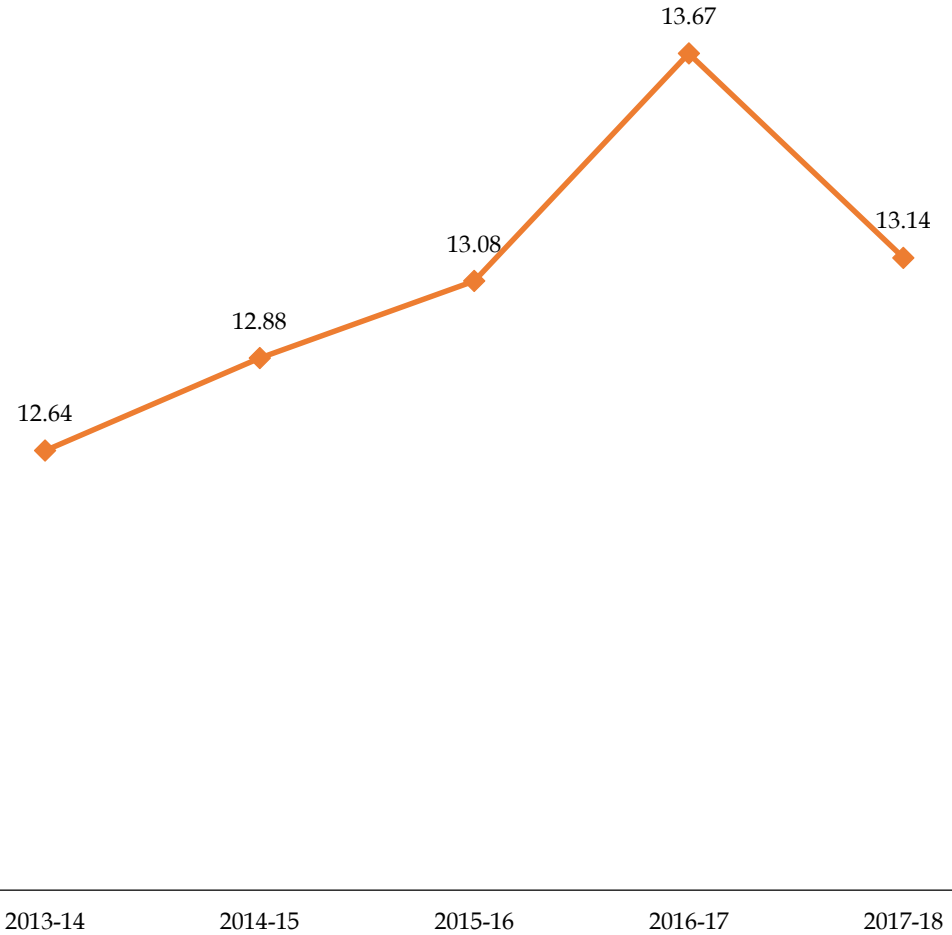


Source: Quarterly financial results

Value Added Per Employee (Rs. Lakhs)*



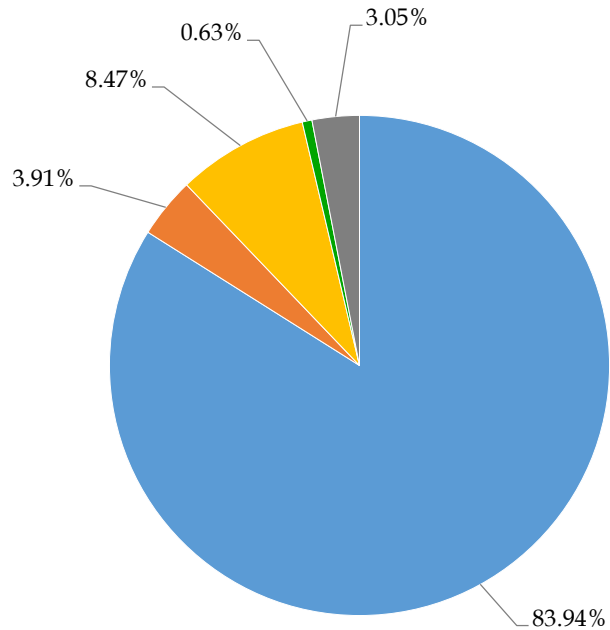
Output per Man Shift - Lignite (in Tonne)*



* Source from NLCIL Financial Results & Annual Reports and figures representing NLCIL Standalone

[^] Restated as per Ind AS

Shareholding Pattern



Total No. of Shares - 152,85,68,427

- Govt. of India
- State Govt. Sponsored Institutions
- Mutual Funds, Financial Institutions & Banks
- Insurance Companies
- Others

No. of Shareholders

(A) Promoter & Promoter Group	
Govt. of India	1
(B) Public	
State Govt. - Sponsored Institutions	5
Mutual Funds, Financial Institutions & Banks	43
Insurance	3
Others	98,238
Total	98,290

Market Cap - Rs. 12,052.76 Crore*

Shareholding Pattern as on 17.08.2018

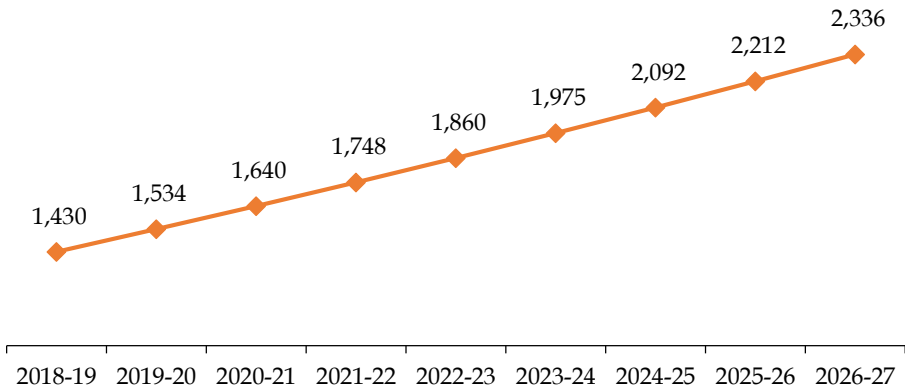
*Market Cap as on 21.08.2018 (Closing Price of SE)



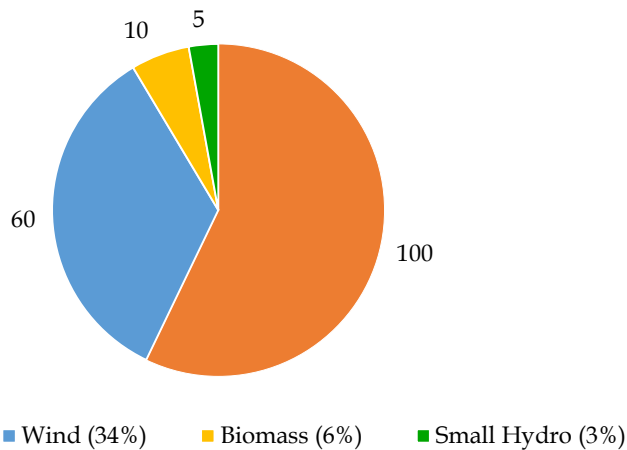
Market Opportunity

All India Electricity Requirement (in BU)

Electrical Energy Requirement

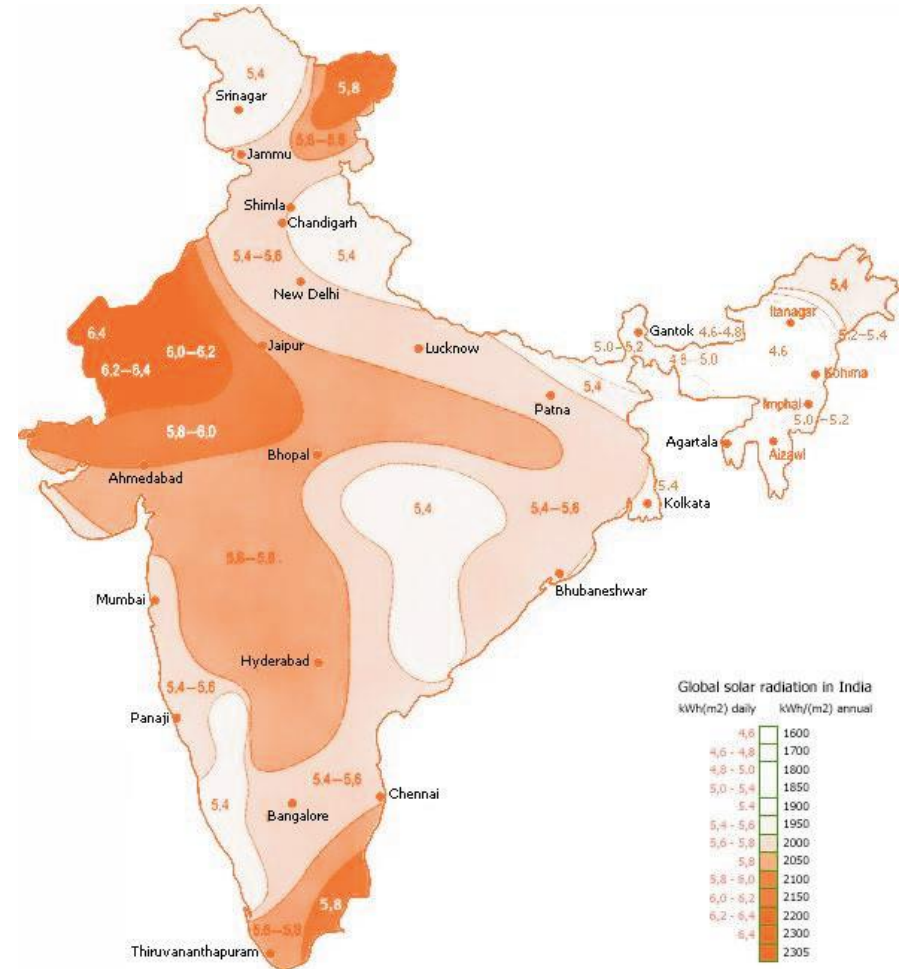


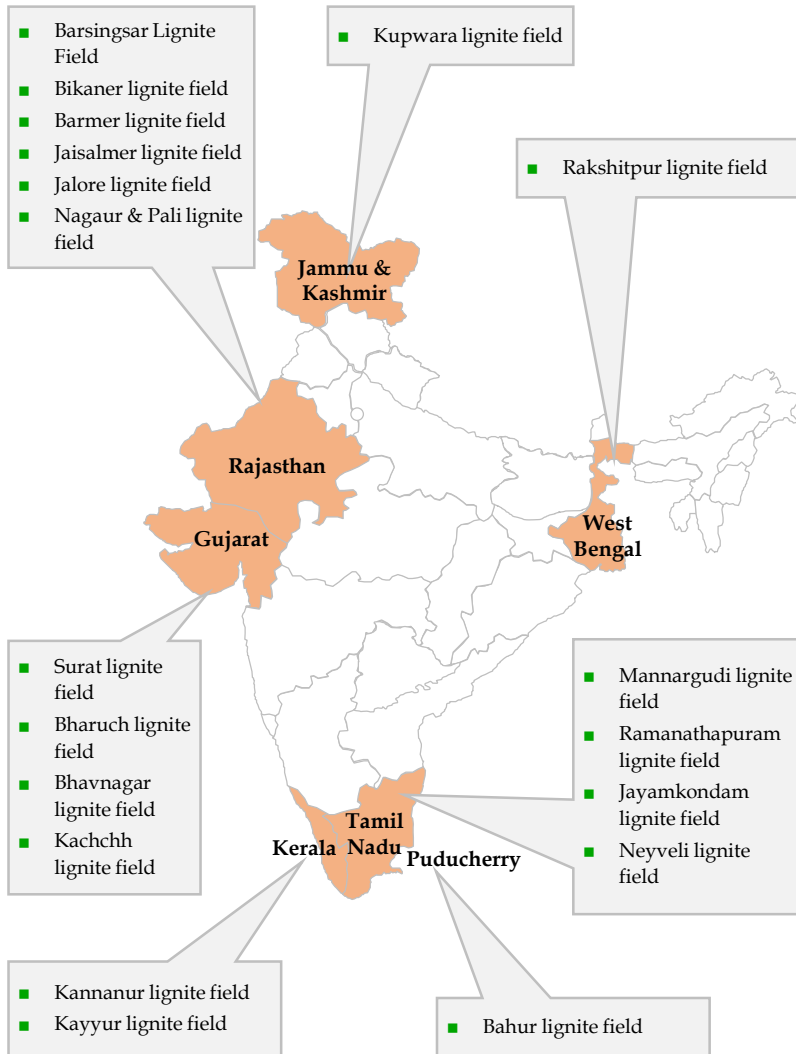
Targeted Renewable Energy by 2022 (175 GW)



Source :National Electricity Plan 2016; Map not to scale

Untapped Solar Power Potential



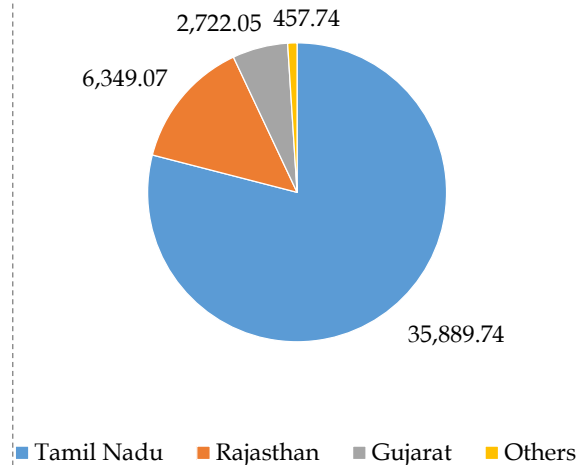


Map not scale
Source : In house survey report (provisional) as on 01.04.2018

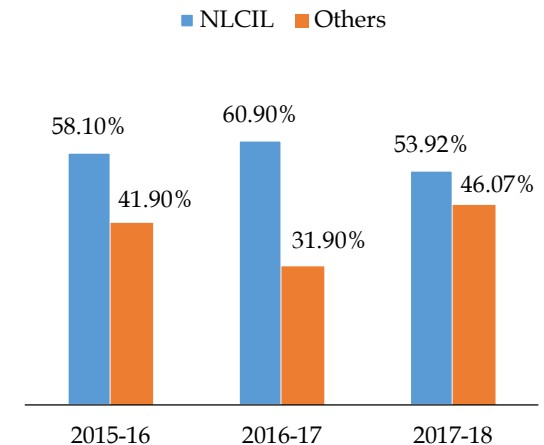
Depth wise resources in MT as on 01.04.2018*

STATE	Measured	Indicated	Inferred	Total	%
Puducherry	0.00	405.61	11.00	416.61	0.92
Tamil Nadu	4093.53	22648.33	9147.87	35889.74	79.02
Rajasthan	1168.53	3029.78	2150.76	6349.08	13.98
Gujarat	1278.65	283.70	1159.70	2722.05	5.99
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	6540.71	26388.80	12489.08	45418.60	100.00

Lignite Reserves (MT)*



Market Share of Lignite Production

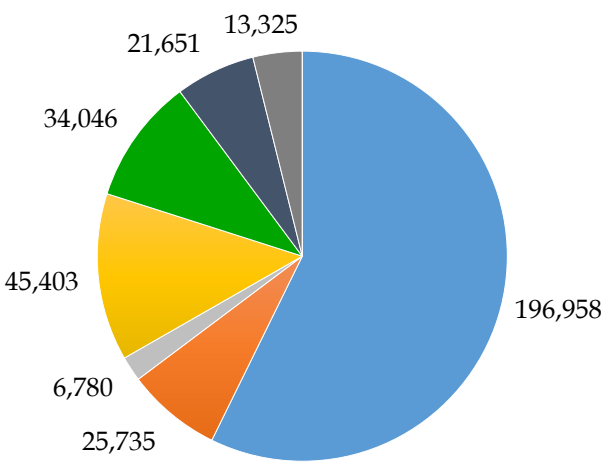


Power Sector in India



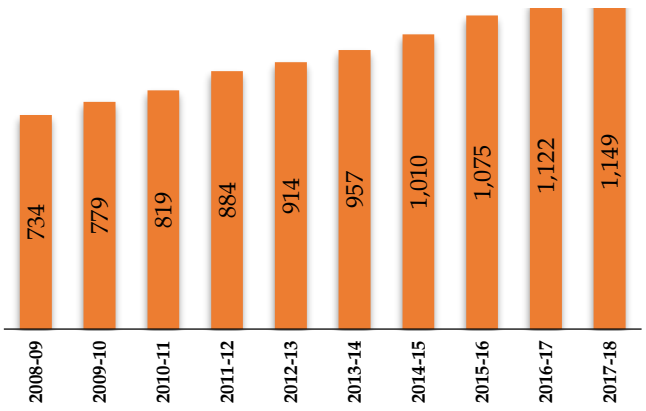
Installed Capacity as on 30.06.2018

343898 MW

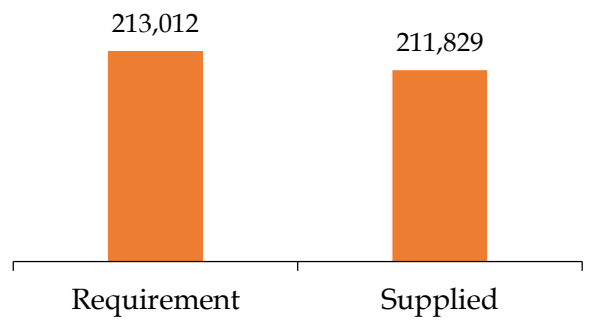


- Coal
- Gas & Diesel
- Nuclear
- Hydro
- Wind
- Solar
- Other Resources

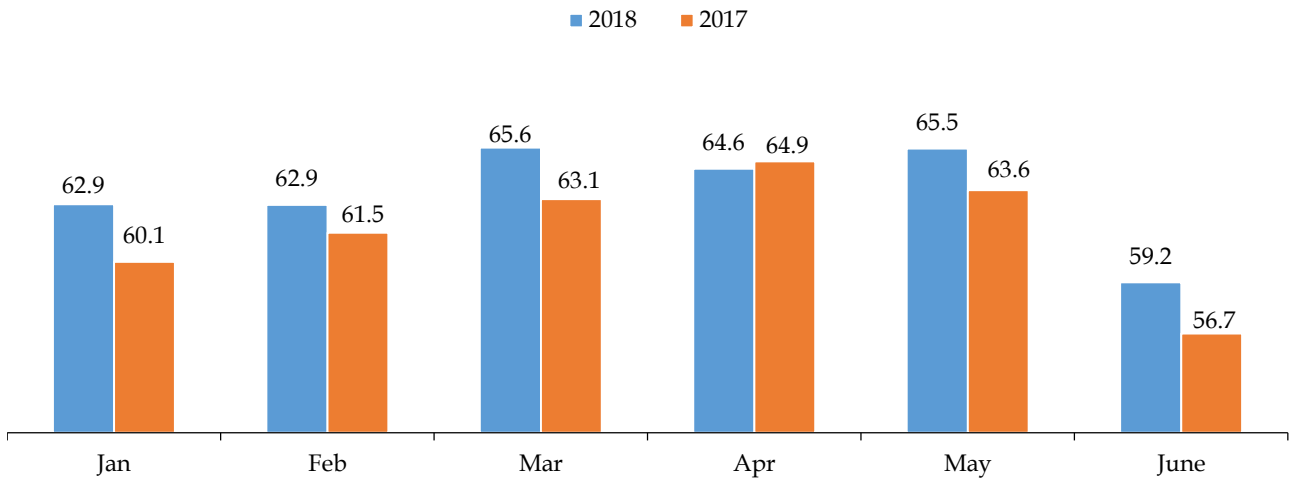
Per Capita Consumption (kWhr)



**All India Energy Requirement & Supply (MU)
: Apr-18 to June-18 (Provisional) - MU**



All India Plant Load Factor %



Source :Central Electricity Authority - Executive Summary March -18 Report



Growth Plans

Sl. No	Project	Existing Capacity ¹	Addition Proposed	Total
1	Lignite (MTPA)	30.60	31.55	62.15
2	Coal (MTPA)	0	31.00	31.00
	Total Mining (MTPA)	30.60	62.55	93.15
3	Power - Lignite Based (MW)	3,240	3,540	6,780
4	Power - Coal Based (MW)	1,000	5,980	6,980
5	Power - Renewable (MW)	491	3,760	4,251
6	Acquisition of Power Assets (MW)	0	3,000	3,000
	Total Power (MW)	4,731	16,280	21,011

TOTAL CAPEX : Rs.1.29 lakh crore with a debt-equity ratio of 70:30

*1 Note: Existing Capacity as on 30.06.2018; 2 Source : NLCIL Corporate Plan 2025
The Corporate plan includes investments through subsidiaries and Joint Ventures*

Growth Plan over 3 Years

Sl. No	Project	Existing Capacity ¹	Addition Proposed	Total ²
1	Lignite (MTPA)	30.60	8.55	39.15
2	Coal (MTPA)	0	31.00	31.00
	Total Mining (MTPA)	30.60	39.55	70.15
3	Power - Lignite Based (MW)	3,240	900 ^	4,140
4	Power - Coal Based (MW)	1,000	0	1,000
5	Power - Renewable (MW)	491	2,760	3,251
6	Acquisition of Power Assets (MW)	0	3,000	3,000
	Total Power (MW)	4,731	6,660	11,391

Note: 1 Existing Capacity as on 30.06.2018 2. Source : NLCIL Corporate Plan 2025 ^Considering retirement of TPS-I (600 MW) Power Plant

On going / Upcoming Mining Projects

Rs. in Cr

On Going Projects

Lignite Projects	MT	Estimated Cost	Expected COD
Expansion of Mine-IA from 3 MTPA to 7 MTPA	4.00	709.06	Sept-19
* Bithnok Lignite Mine, Rajasthan	2.25	513.63	Mar-19
* Hadla Lignite Mines, Rajasthan	1.90	522.45	Mar-19
* Barsingsar Expansion, Rajasthan ^	0.40	-	Mar-19
Total	8.55	1745.14	

Rs. in Cr

Upcoming Projects

Lignite Projects	MT	Estimated Cost	Expected COD
Palayamkottai & Vellar	11.5	-	Mar-22
Mine III Neyveli	11.5	10,872	Mar-21
Total	23.00	10872	

Total Lignite: 31.55 MT

Rs. in Cr

Upcoming Coal Projects

Coal Projects	MT	Estimated Cost	Expected COD
Talabira II & III Coal Blocks	20.00	2401.07	Mar-19
South Pachwara Coal Block **	11.00	1795	Mar-20
Total	31.00	4196.07	

Total Coal: 31.00 MT

Source : NLCIL Corporate Plan 2025, ^ Under approval, ** Allotted for NUPPL

* These projects are under review.

On going / Upcoming Power Projects



On Going Projects		Rs. in Cr	
<u>Lignite based TPS:</u>	MW	Estimated cost	Expected COD
Neyveli New Thermal Power Project	400*	7080.41	Dec-18
Bithnok TPS [^]	250	2196.30	Mar-20
Barsingsar TPS Expn [^]	250	2112.59	Mar-20
Total	900*	11,389.30	

		Rs. in Cr	
<u>Coal based TPS:</u>	MW	Estimated cost	Expected COD
NUPPL - UP	1,980	17,237.80	Unit I - June 20 Unit II - Dec 20 Unit III - Jun 21

		Rs. in Cr	
<u>Renewable:</u>	MW	Estimated cost	Expected COD
Solar - TN (300 MW out of 500 MW commissioned upto May 2018)	200	895	Sept-18
Solar - TN	709	3356.59	Apr-19
Total	909	4251.59	

* Note: NNTPS of 1000 MW to replace existing TPS I of 600 MW accordingly net of 400 MW has been considered.

[^] These projects are under review.

Source : NLCIL Corporate Plan 2025

Upcoming Projects			
Rs. in Cr			
Lignite based TPS	MW	Estimated cost	Expected COD
TPS-II 2 nd Expn	2,640	16,983	Phase I:Mar-22 Phase II:Mar-24
Total Lignite Power Project: 3540 MW			

Rs. in Cr			
Coal based TPS	MW	Estimated cost	Expected COD
Odisha / P I & II	4800	34,934	Phase I : Mar-23 Phase II: Mar-25
Total Coal Power Project: 5980 MW			

Rs. in Cr			
Renewable	MW	Estimated cost	Expected COD
Solar - in various States	2651	10,604	Sept-20
Wind Power - TN	200	1240	Jan-19
Total	2851	11,844	
Total Renewable Power Project: 3560 MW			

Power Assets Acquisition		MW
Power Assets Acquisition		3000
Total Power Assets Acquisition: 3000 MW		



Corporate Social Responsibility

Details of CSR expenditure (Rs. Cr)

Year	Norm	Actual
2015-16	44.27	81.93
2016-17	43.46	37.19
2017-18	37.32	43.59#

Green belt development

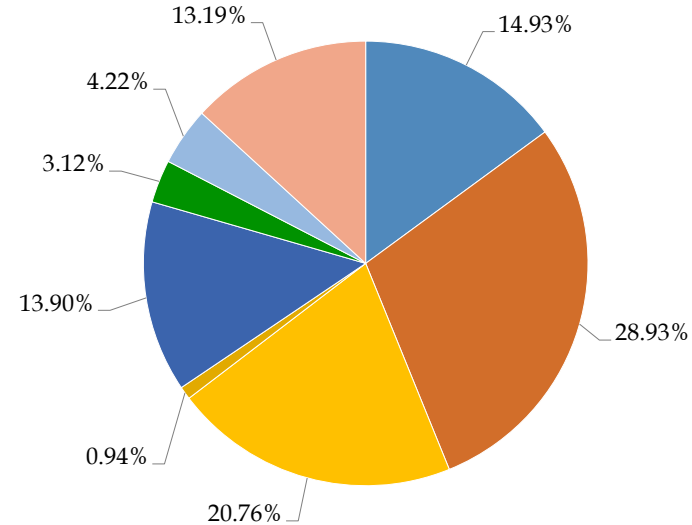


*Neyveli Township Overview
Green Cover with
191 lakh trees.*



*Paddy field on
Reclaimed Mined land
at Neyveli*

% of amount spent on CSR Activities in 2017-18



- Health & Sanitation
- Education
- Infrastructure
- Old Age Home
- Water & Irrigation
- Promotion of Sports
- Environmental Sustainability
- Others



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

Energy Conservation

- Formed 14 industrial service units for adoption of energy conservation measures
- Installation of energy efficient equipments
- Energy Audit for Thermal Power Stations
- Intensive installation of LED bulbs in township area
- Minimisation of idle running hours in crushers in TPSs
- Adding of capacitor banks through induction motors
- 25.09 MU of energy conserved through energy efficiency measures

Technology Absorption

- Preparation of Zeolites tablet from Lignite Fly Ash for water treatment
- Development of organic coating paints for use in specialized Mining equipment/De-watering pipes to enhance its life
- Reclamation of Slag Dump areas in Mine-II suitable for development of Green Cover

R & D Initiatives

- **Coldry and Matmor process**
 - NLC India Limited (NLCIL) and NMDC Limited signed a Memorandum of Understanding (MoU) with Environmental Clean Technologies Limited (ASX: ESI) (ECT or Company) for the largest-ever joint R&D collaboration between Australia and India. The Signing of MoU and execution of the Project Agreement were carried out on 30th May, 2018 (Wednesday) in Canberra, Australia.
- **Other R&D Initiatives**
 - Underground Coal Gasification, Silica sand Beneficiation Plant, Development of fly ash based pesticide, Dynamic Loading of Conveyors
- 2 projects completed – Conservation of energy through implementation of Programmable Logic Control (PLC) based Dynamic Loading System in Conveyors & Delineation of buried sub-surface objects in Opencast mines.

- Risk in Land acquisition
- Adverse OB Ratios in Mining
- Fuel Supply risks
- Project Completion risks
- Realisation of Dues from DISCOMs
- Surrender of Power may increase
- Competition due to Renewable
- Risk due to stringent Environmental norms
- Funding risks
- Risk relating to non-appointment of required number of independent directors - NLCIL may be subject to penal actions by regulatory and statutory authorities in India, if NLCIL is unable to comply with any applicable law, including terms of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015, as amended.

Thank You