



# Oil and Natural Gas Corporation Ltd

## Analysts' Meet



**31<sup>st</sup> May, 2019**  
**Mumbai**

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# Presentation Overview

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- A large, faint, light gray decorative graphic is positioned on the left side of the slide. It consists of several overlapping, curved, and angular shapes that resemble a stylized oil derrick or a modern architectural structure.
- 1 ONGC Group
  - 2 ONGC
  - 3 Overseas operations
  - 4 Refining
  - 5 Integration Projects
  - 6 Responsible Corporate

1	ONGC Group
2	ONGC
3	Overseas operations
4	Refining
5	Integration Projects
6	Responsible Corporate



# ONGC - A Vertically Integrated Energy Company



## ➤ No.1 E&P Company – A Maharatna

- Oil Production: 34.33 MMT
- Gas Production: 30.55 BCM

Domestic + Overseas



## ➤ Vertically Integrated – Refining & Marketing

- HPCL & MRPL– Over 35 MMT of refining capacity
- Extensive Network - 15,440 Retail Outlets



## ➤ Redefining Value Chain through Petrochemicals

- OPaL – One of the Largest Dual Feed Crackers in the World
- OMPL – World-class Aromatic Petrochem Complex



## ➤ Beyond E&P

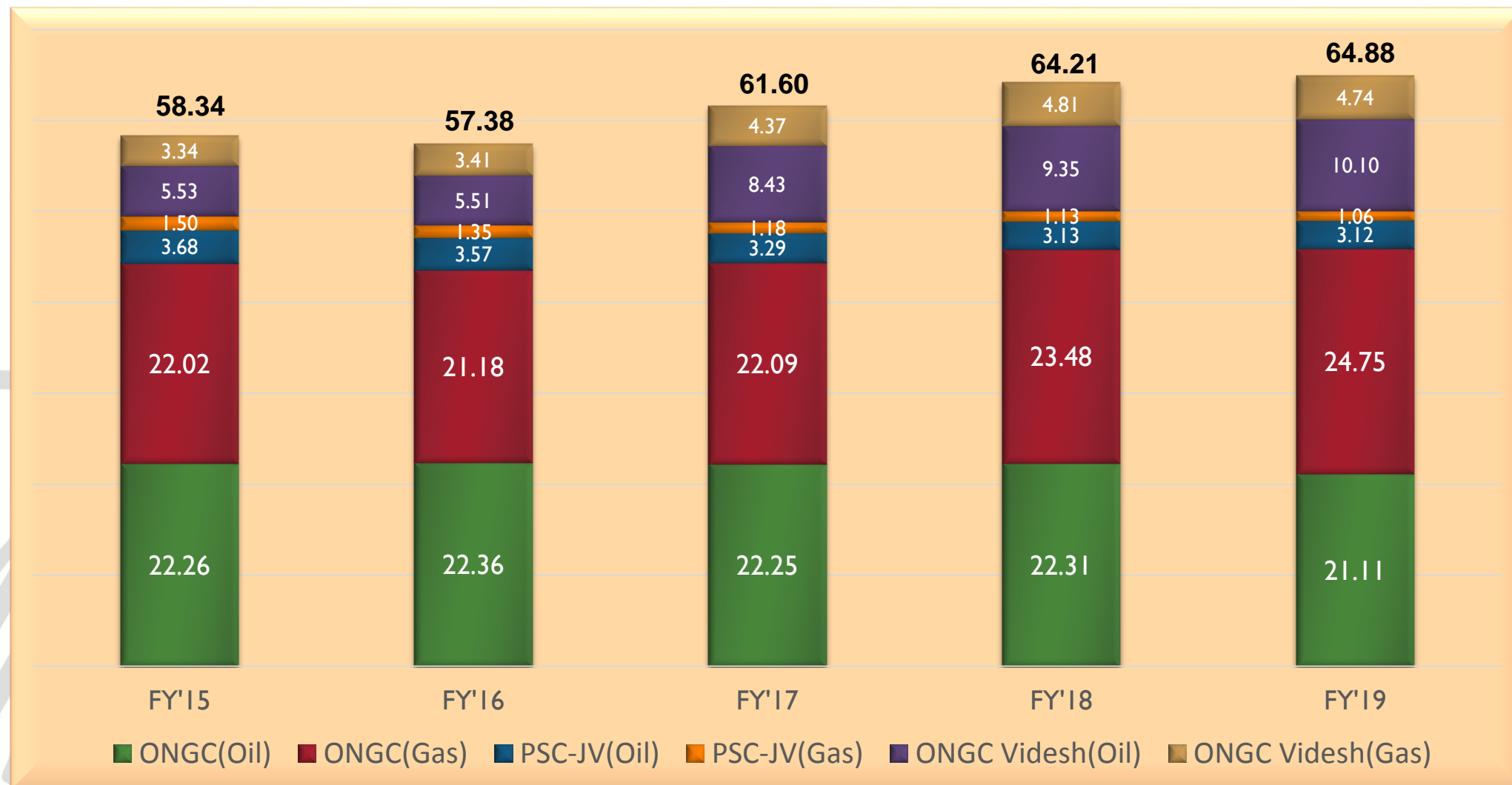
- OTPC – 726.6 MW Gas based Power Plant
- Petronet LNG – India's largest LNG importer
- Renewables – 153 MW Wind Power and 24.8 MW Solar Capacity

# ONGC Group: Reserves 1<sup>st</sup> April 2019

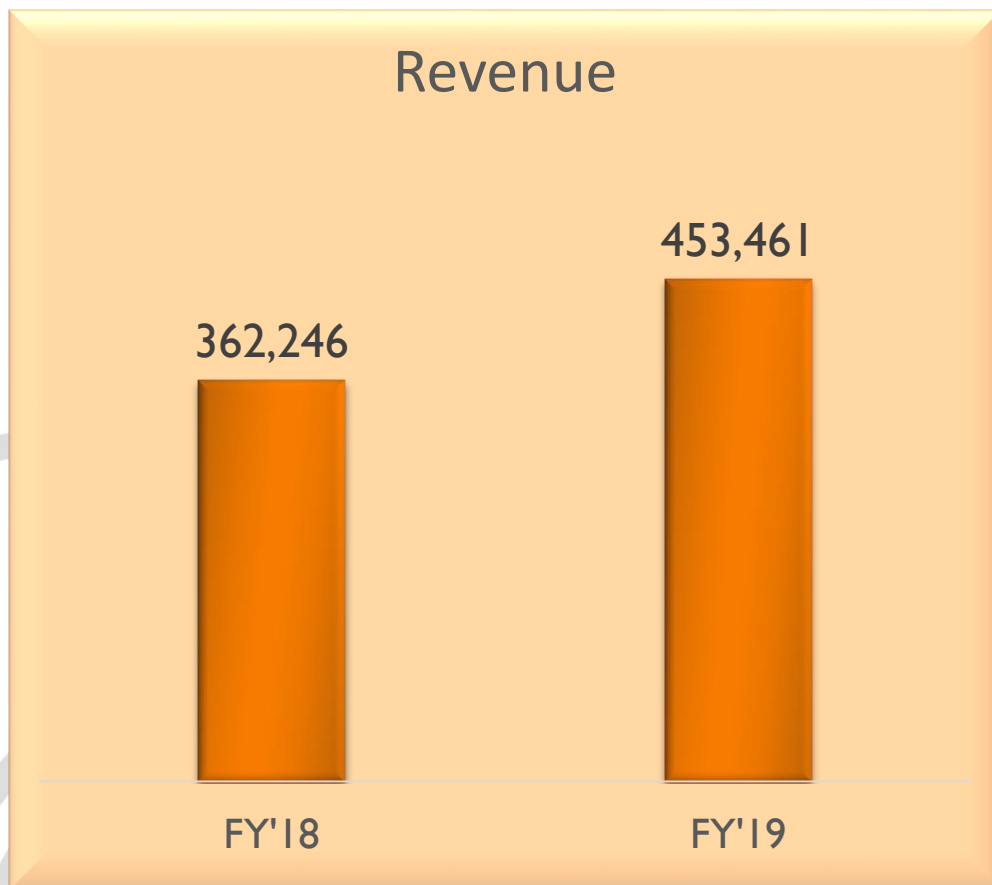
2P Reserves as on 1<sup>st</sup> April 2019 = 1,853.23 MMTOE

MMtoe	Oil	Gas	Total
ONGC	459.85	695.08	1154.93
PSC JV	15.45	7.13	22.58
ONGC Videsh	340.36	335.36	675.72
Total	815.66	1037.57	1853.23

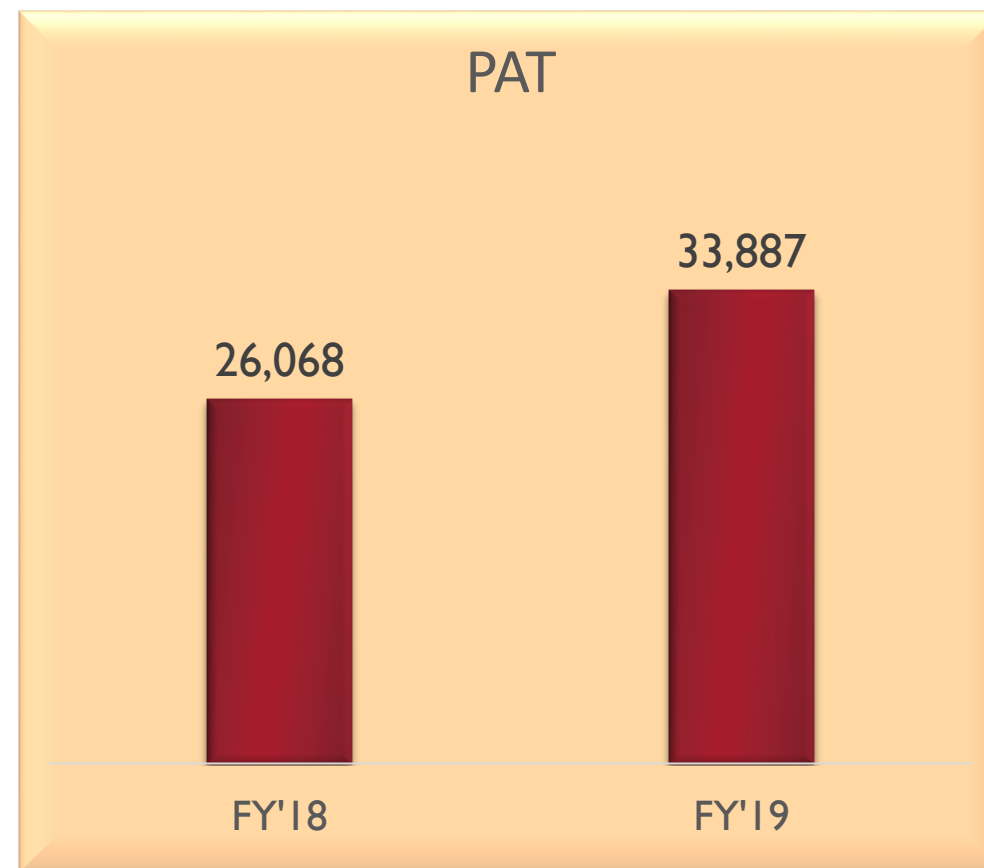
# ONGC Group: O+OEG Production



# ONGC Group: Financials



₹ Crore





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# ONGC: Exploration



- 13 Hydrocarbon Discoveries (8 Onshore; 5 Offshore)



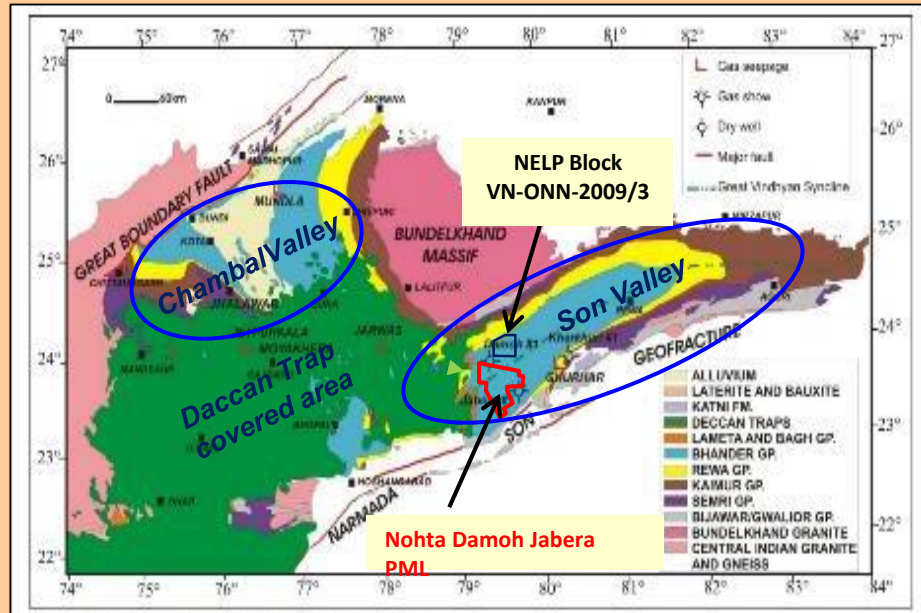
- Vindhyan Basin and Bengal Basin upgraded to Category-II Basins



- 63.02 MMtoe of 2P Reserves accreted; RRR of 1.41

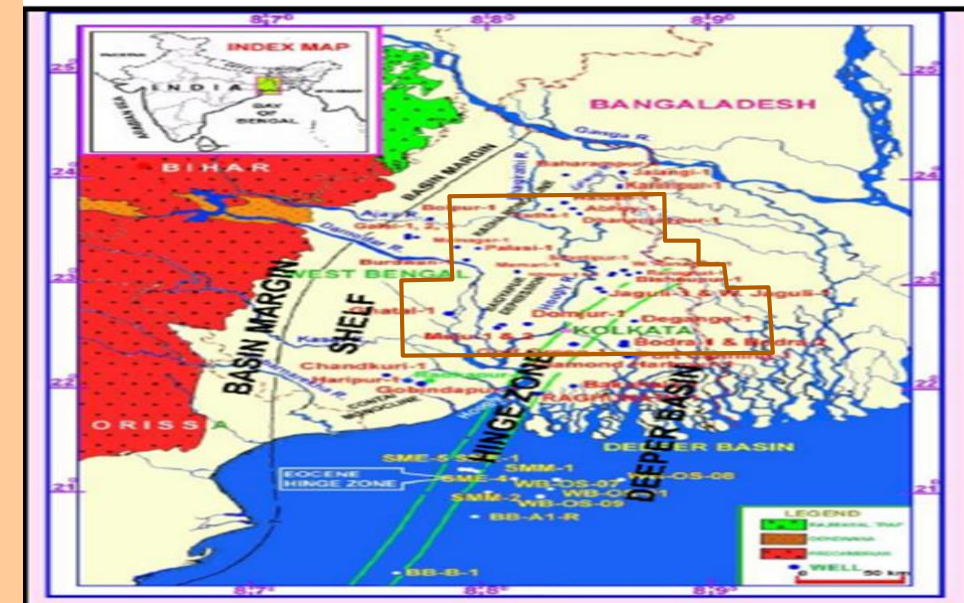
# Two Basins upgraded to Category-II

## Vindhyan Basin



- Discovery Well: Hatta#2
- Block: Nelp VN-ONN-2009/3
- Prognosticated resource: 633 MMTOE

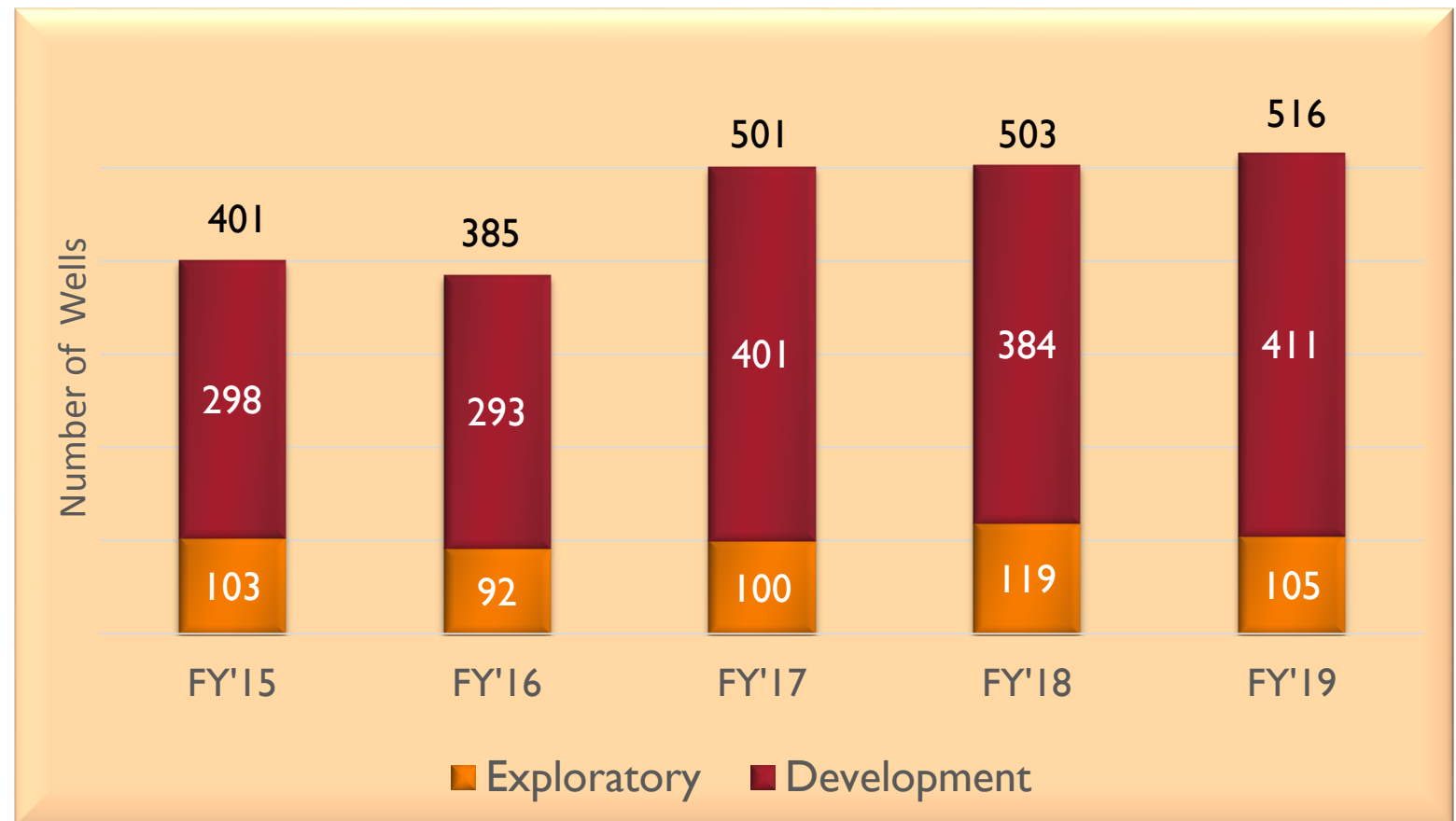
## Bengal Basin



- Discovery Well: Asokenagar-1
- Block: Nelp WB-ONN-2005/4
- First discovery in Bengal Basin

# ONGC: Drilling

3<sup>rd</sup> consecutive year of drilling more than 500 wells

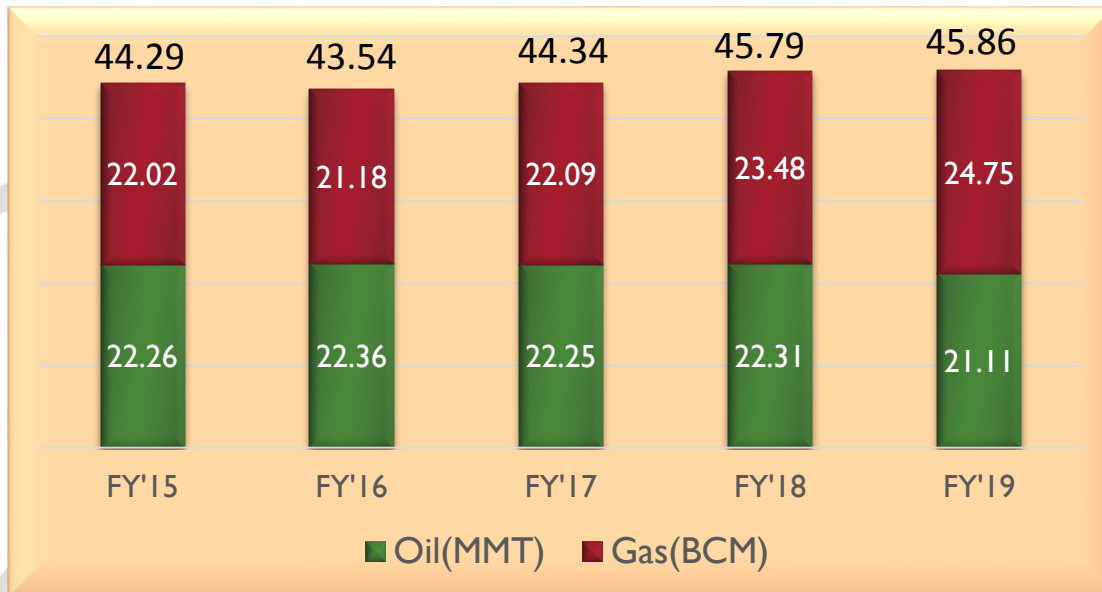




# ONGC: Domestic Production

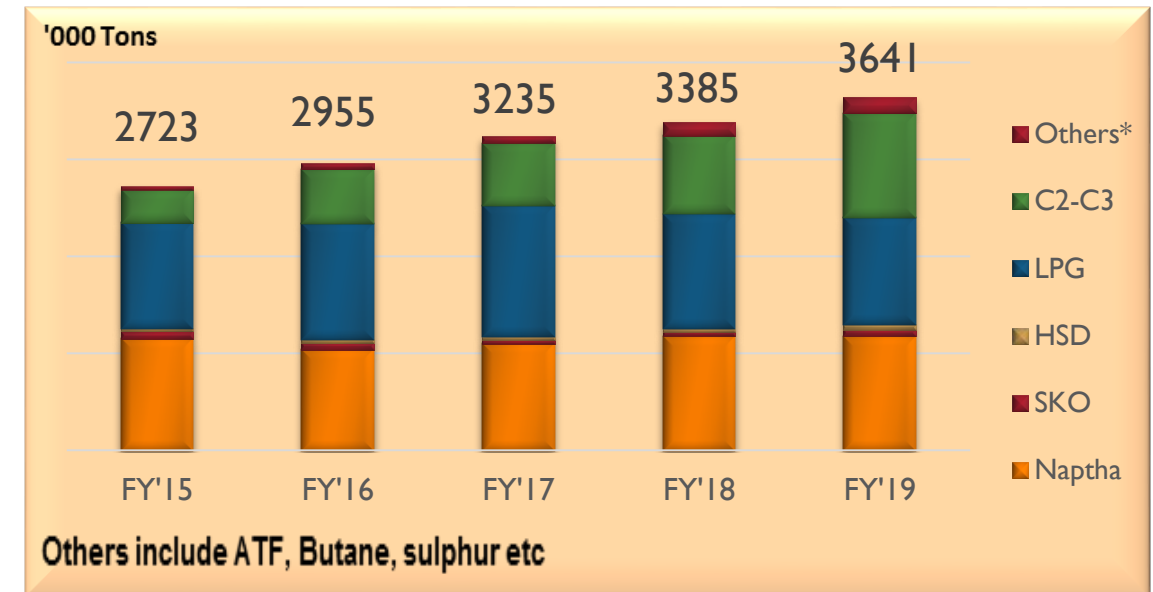
FY'19: Gas Production Crossed 70 MMSCMD; Flaring reduced from 1.9% to 1.8%

## Oil and Gas production



Gas production increased by 5.4% compared to FY'18

## VAP production



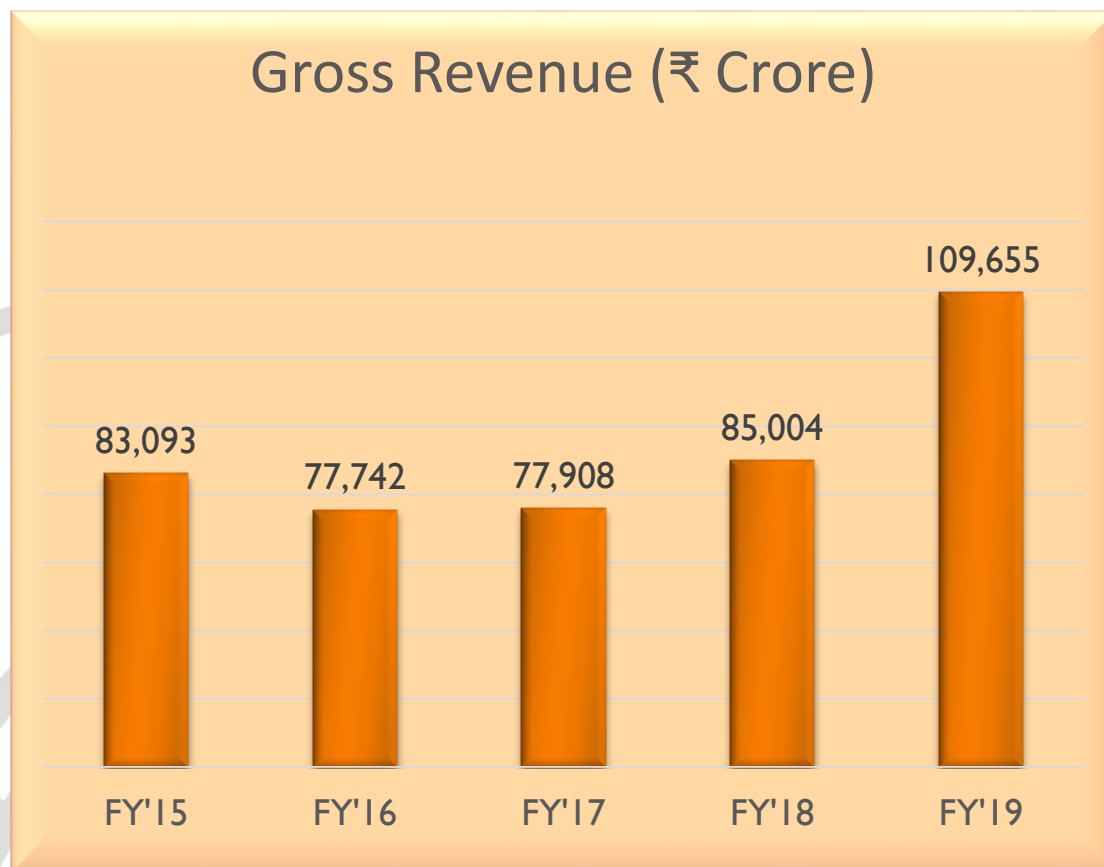
VAP production increased by 7.6% compared to FY'18



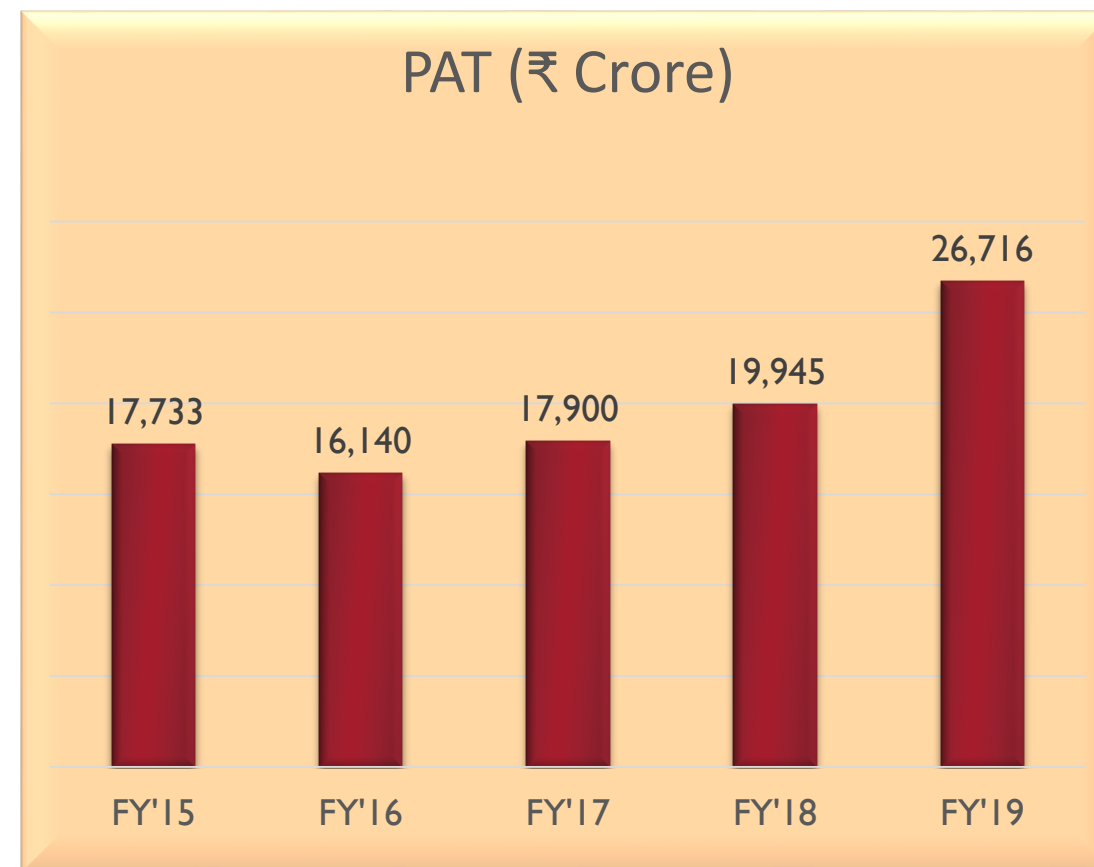
# ONGC: Financials

FY'19: Highest Revenue ₹ 1,09,655 Crore; PAT ₹ 26,716 Crore

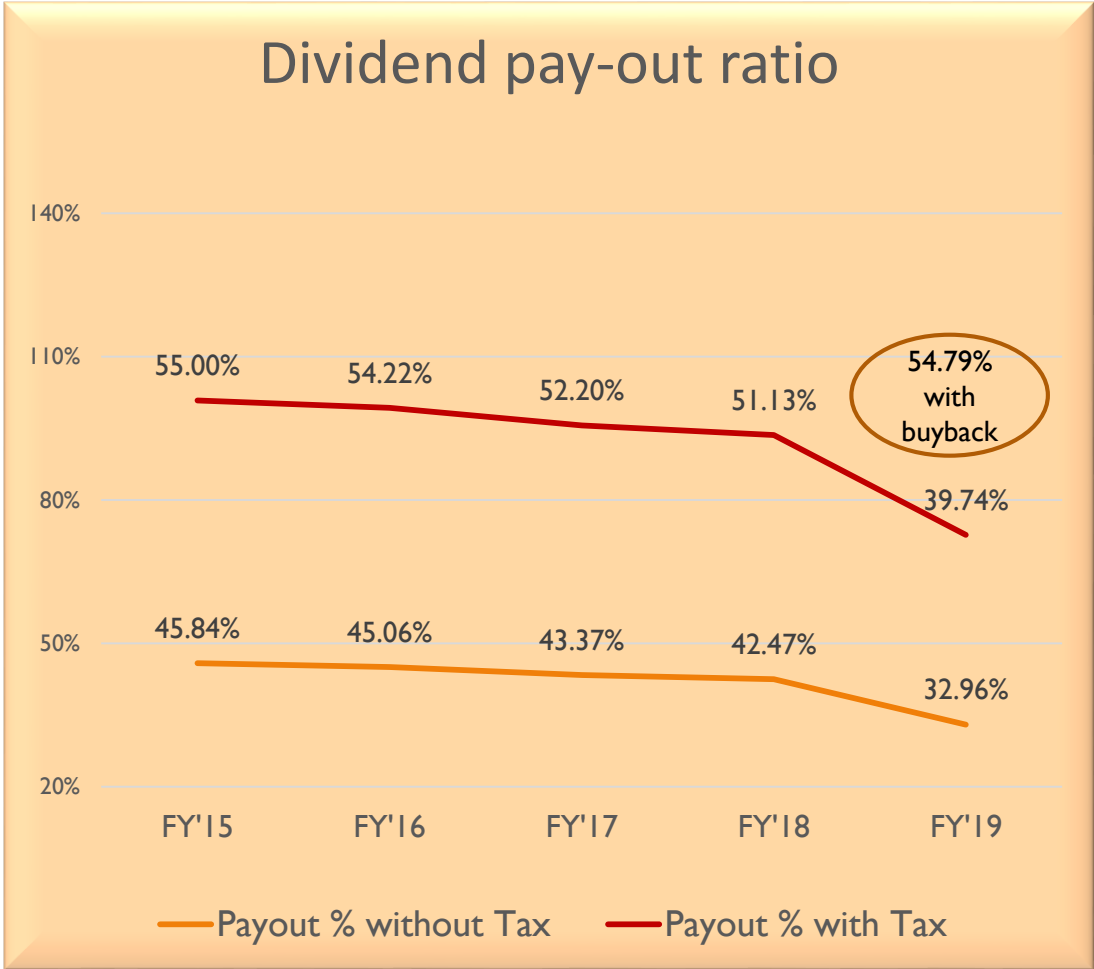
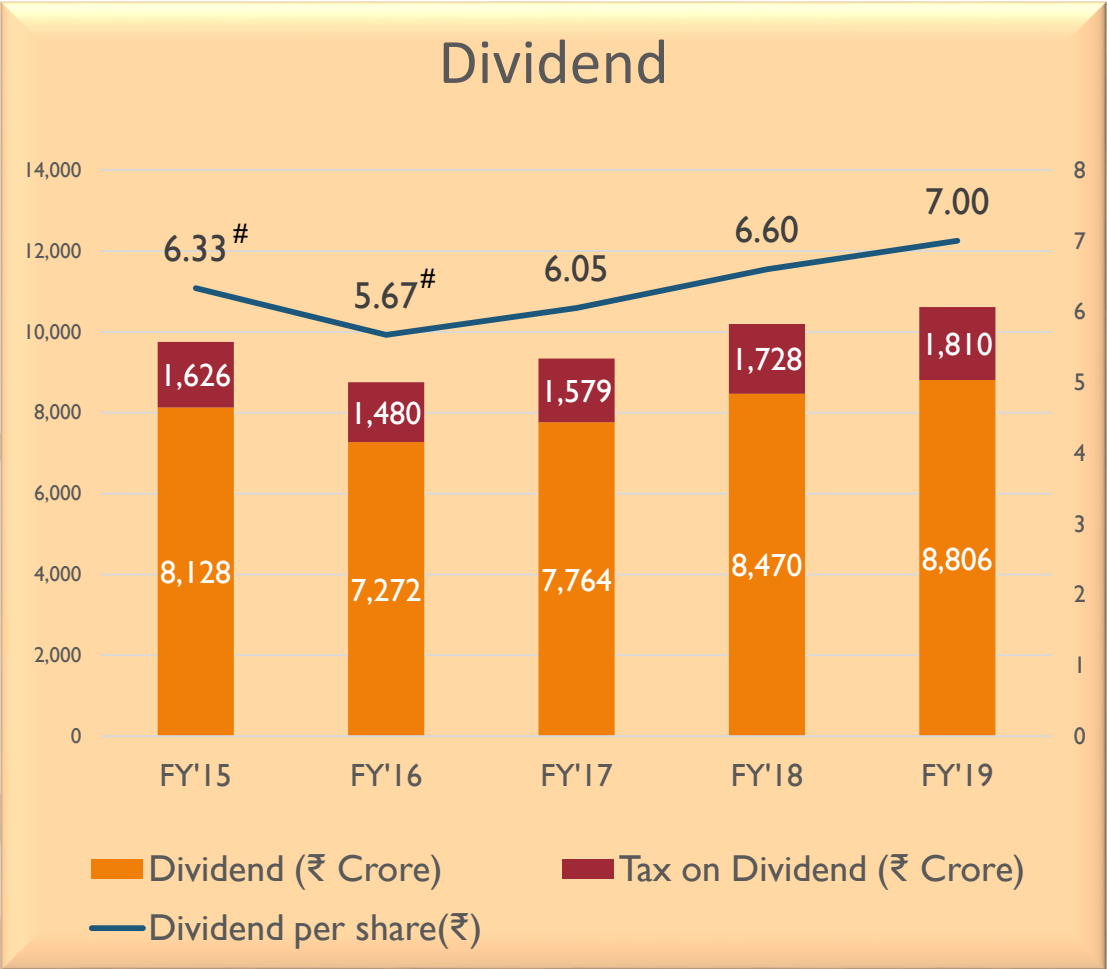
Gross Revenue (₹ Crore)



PAT (₹ Crore)



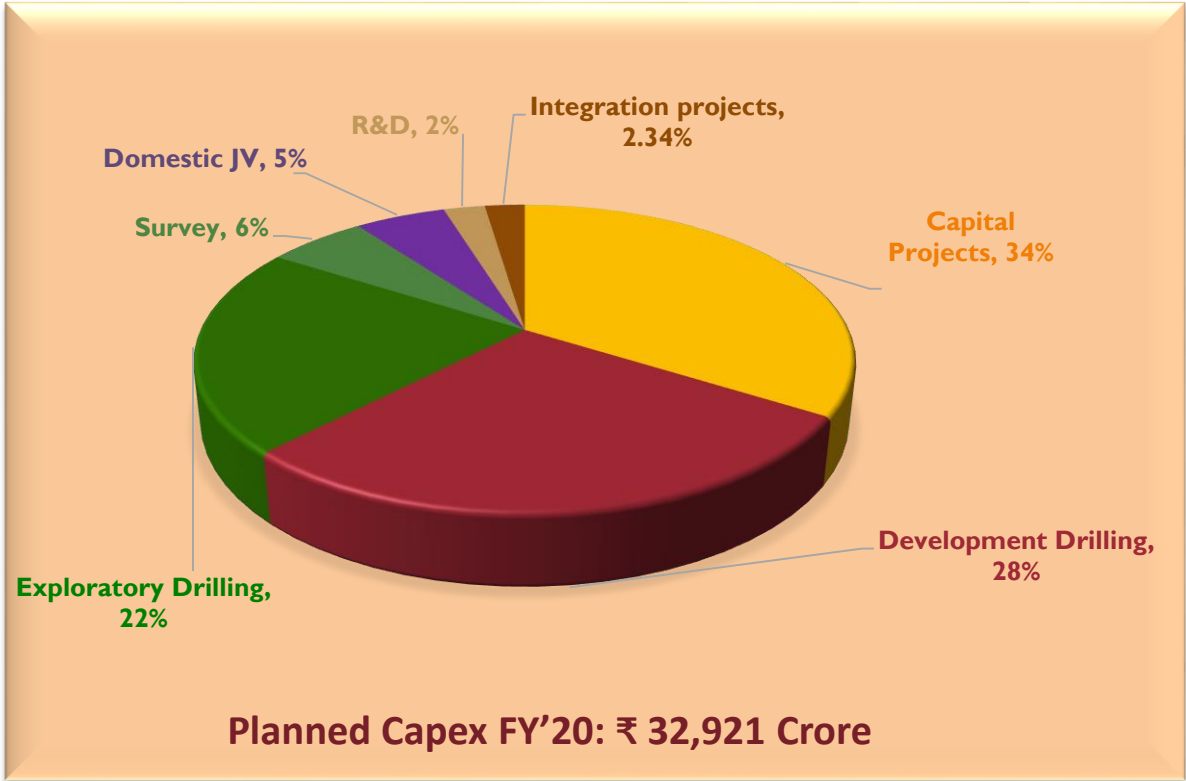
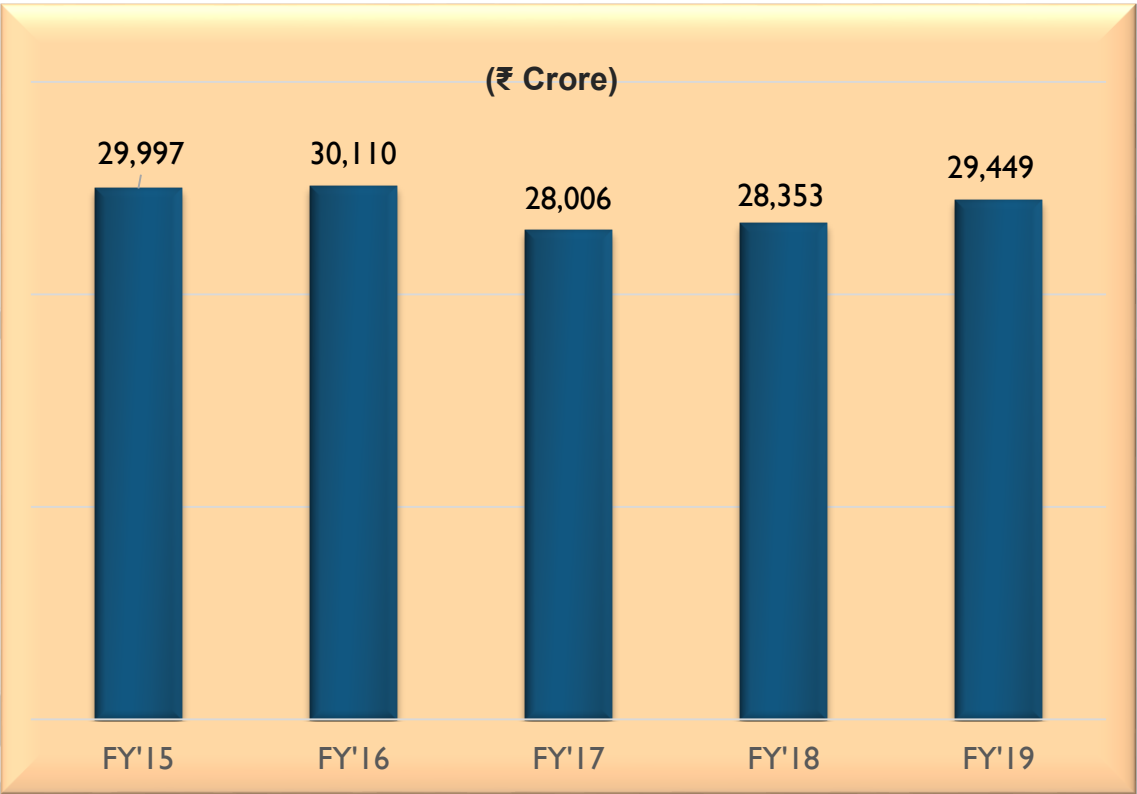
# ONGC: Dividend



# Adjusted for bonus of 1:2 in FY'17

# ONGC: Core CAPEX

₹ 1,45,915 Crore Core Capex in last 5 years



# ONGC: Growth Pursuits



## ➤ Aggressive Investment in Upstream

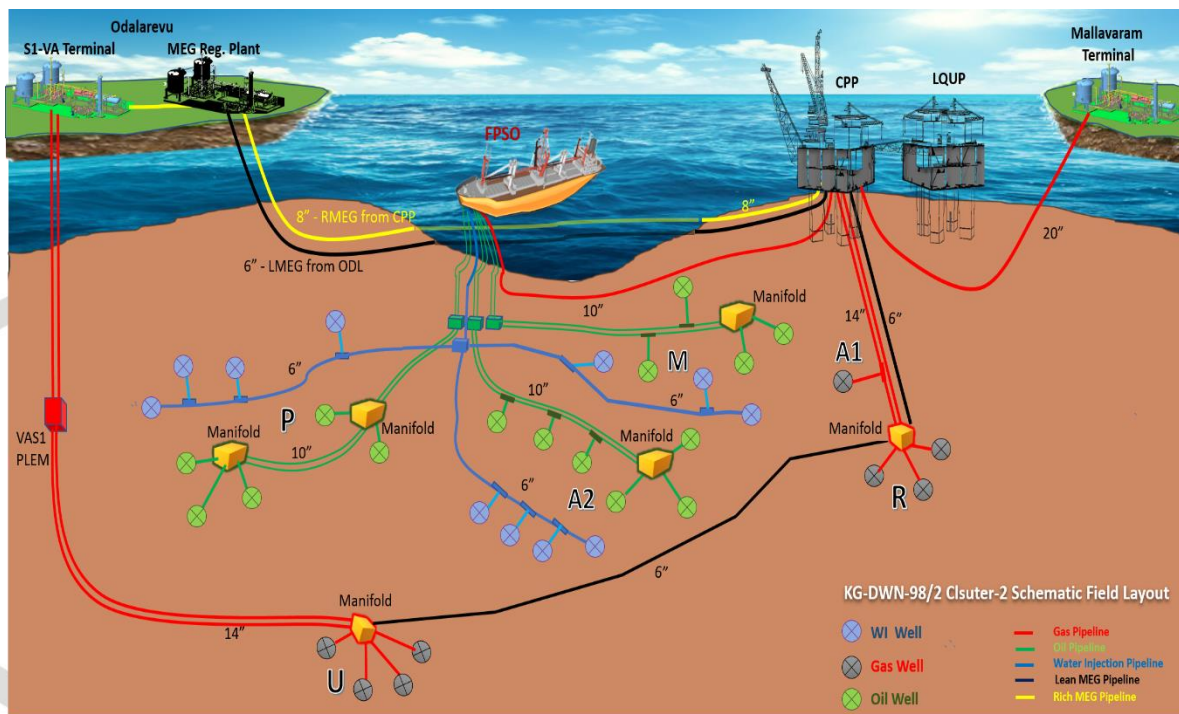
- E&P expenditure of about ₹ 1,50,000 Crore in last 5 years
- 10 Projects costing ₹ 13,000 Crore completed during FY'19

## ➤ 25 Projects under execution

- 18 Development and 7 Infrastructure Projects - Investment more than ₹ 83,000 Crore
- Envisaged lifecycle Gains of 72 MMT (Oil) and 116 BCM (Gas)

# ONGC: Eastern Offshore Development

Deep water block KG-DWN-98/2 under execution



All contracts in place

3 Rigs deployed;  
23 Deep Water wells drilled

Project on schedule



- 
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ONGC Videsh, a wholly owned subsidiary of ONGC



- ▶ 41 projects in 20 countries
- ▶ Overseas investment of US\$ 29.3 billion till FY'19
- ▶ 2P Reserves of 676 MMtoe as on 01.04.2019

# ONGC Videsh: Global Footprint

Producing: 15

Discovered/ Developed: 4

Exploration: 18

Pipeline: 4

Africa				
Libya	1			
Sudan			1	1
South Sudan			2	
Mozambique		1		
Namibia	1			

Latin America				
Venezuela		1	1	
Colombia	6		1	
Brazil	1		1	

CIS & Russia				
Azerbaijan			1	1
Russia			3	
Kazakhstan	1			

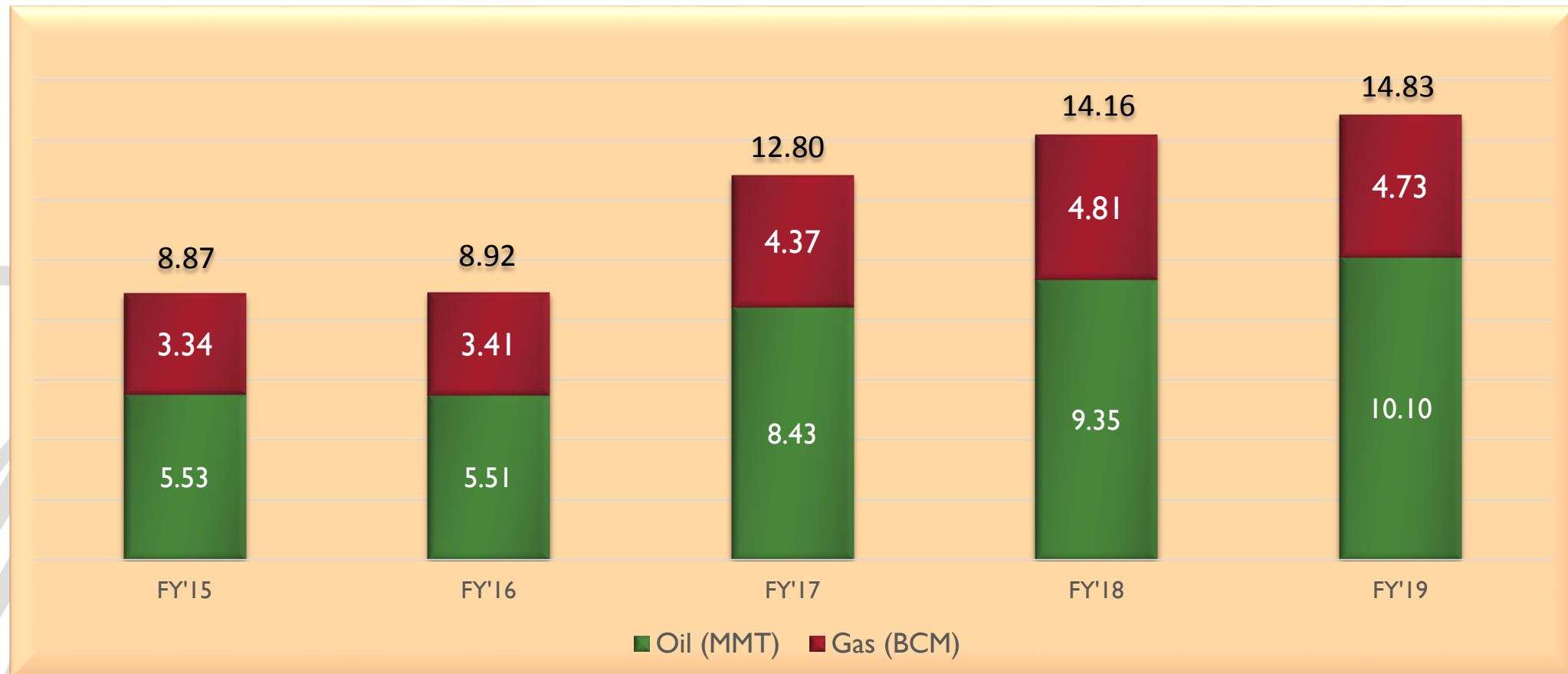
South East Asia				
Vietnam	1		1	
Myanmar	2		2	2
Bangladesh	2			

Middle East				
Syria		1	1	
Iraq	1			
Iran		1		
UAE			1	
Israel	1			

Australia-New Zealand				
N. Zealand	1			

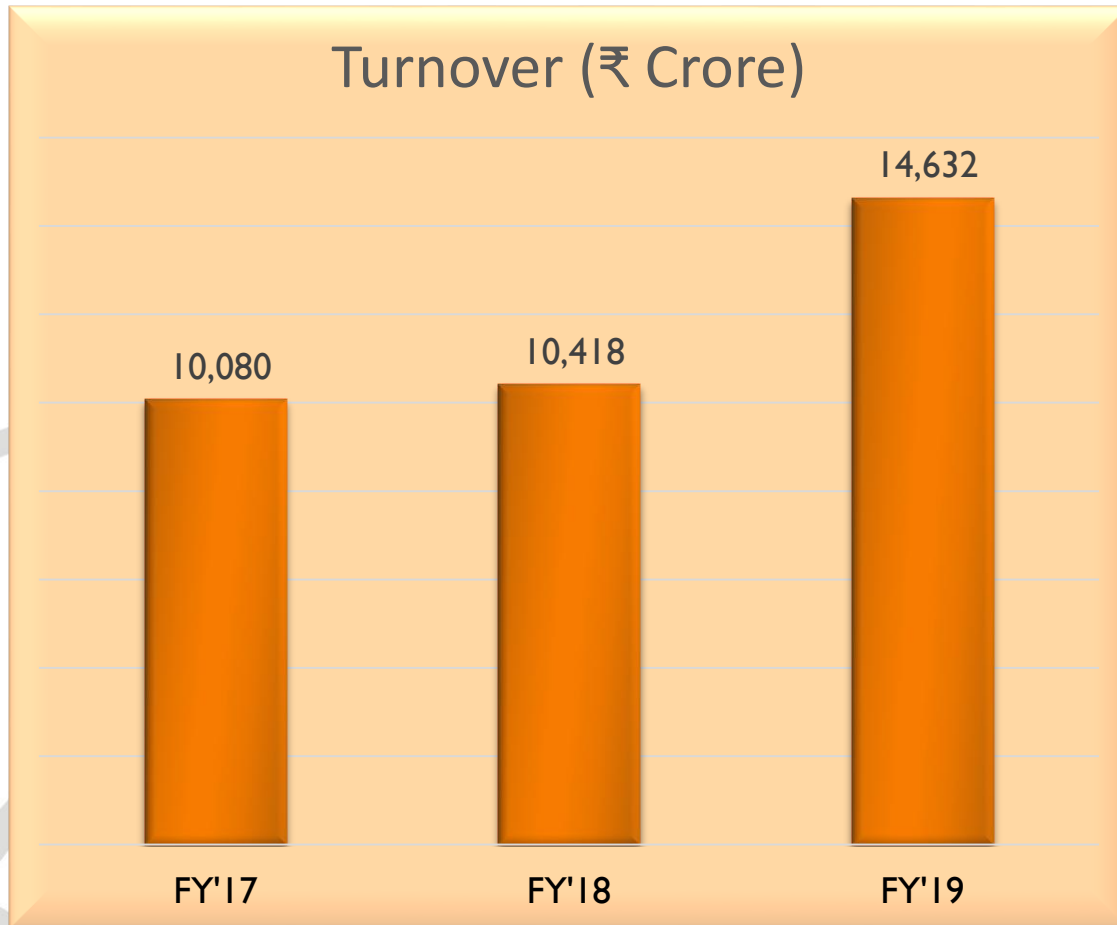
# ONGC Videsh: Production

FY'19: Highest production of 14.83 Mmtoe; Five year CAGR - 13.7%

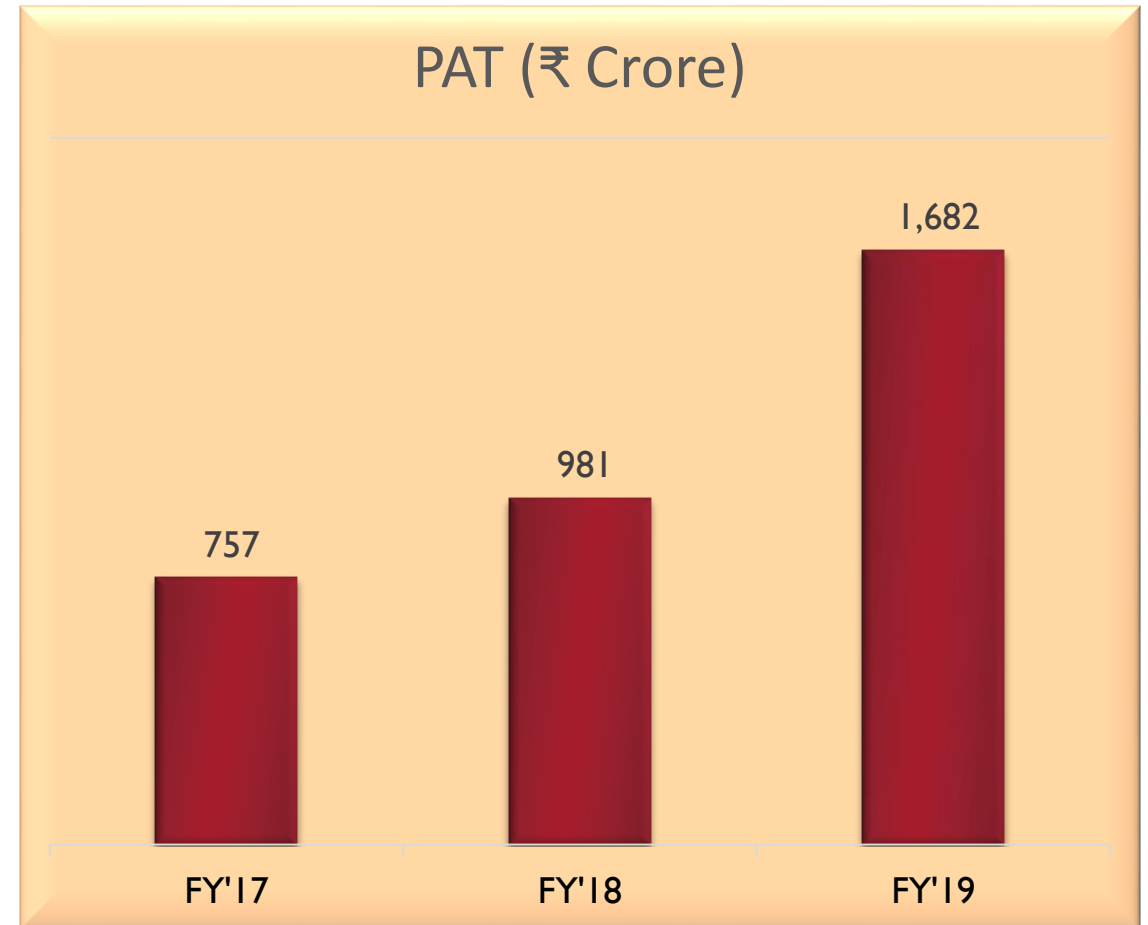


# ONGC Videsh: Financials

Turnover (₹ Crore)



PAT (₹ Crore)



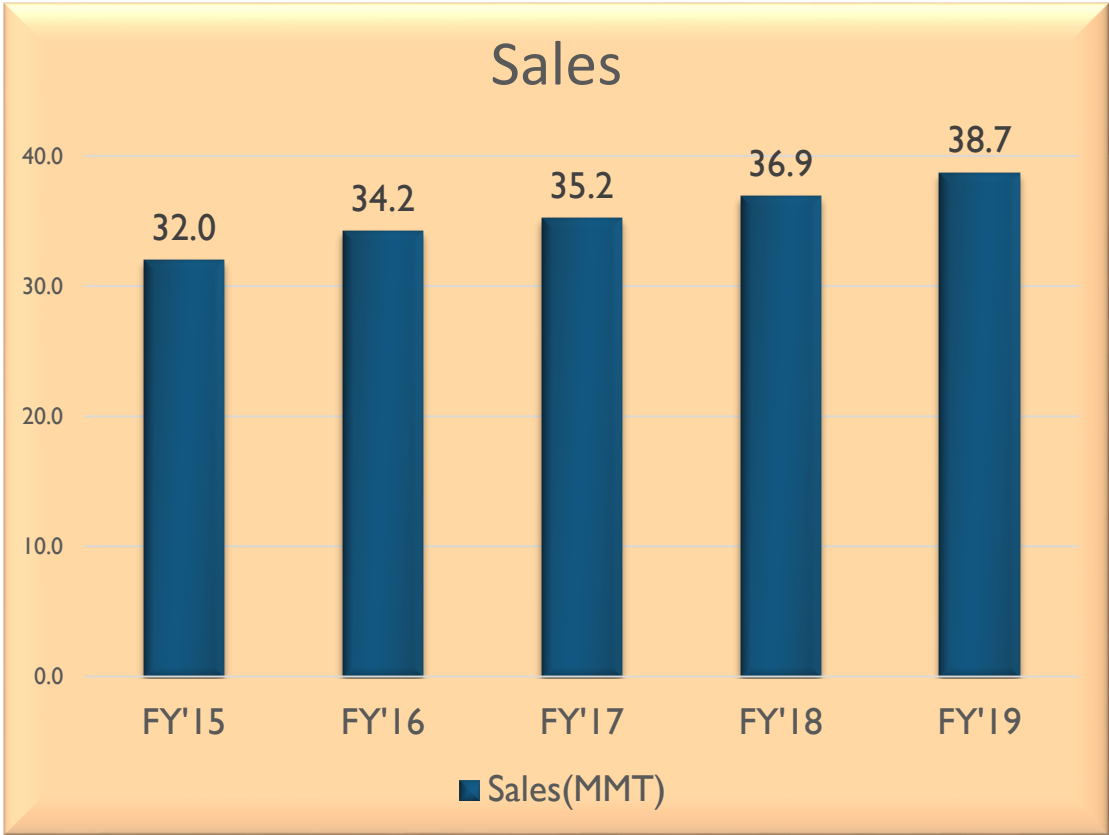
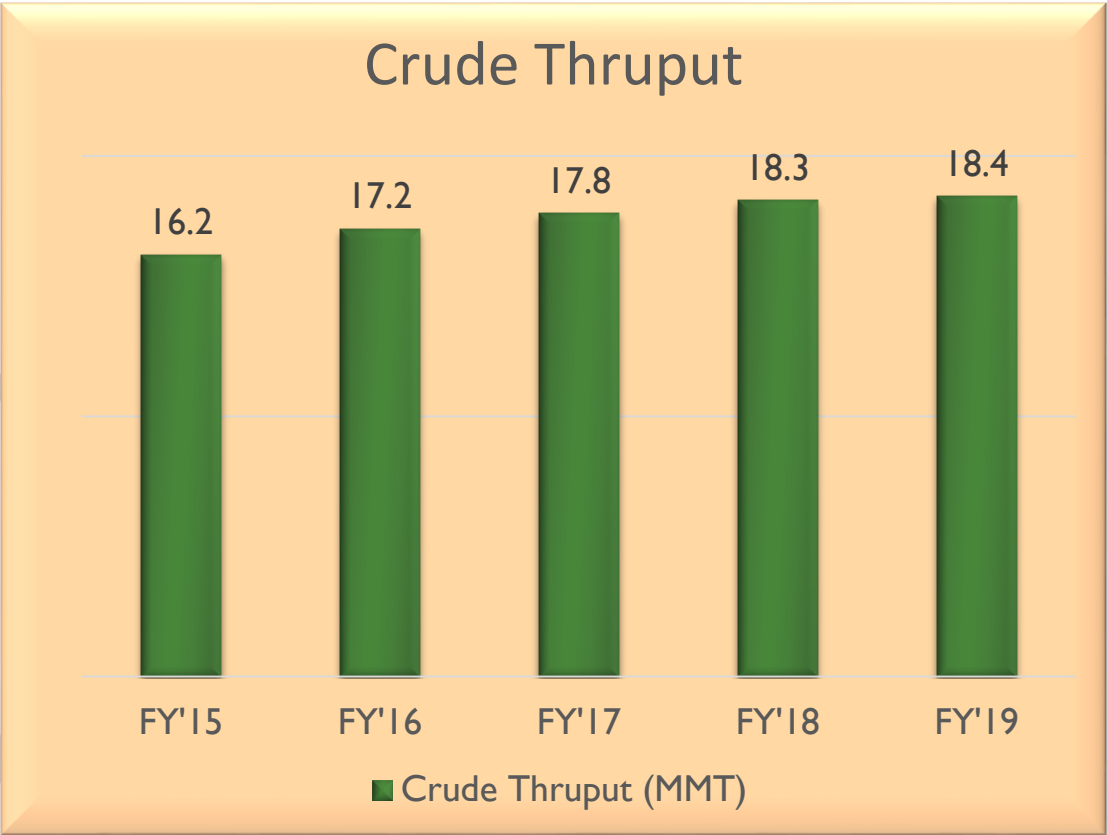


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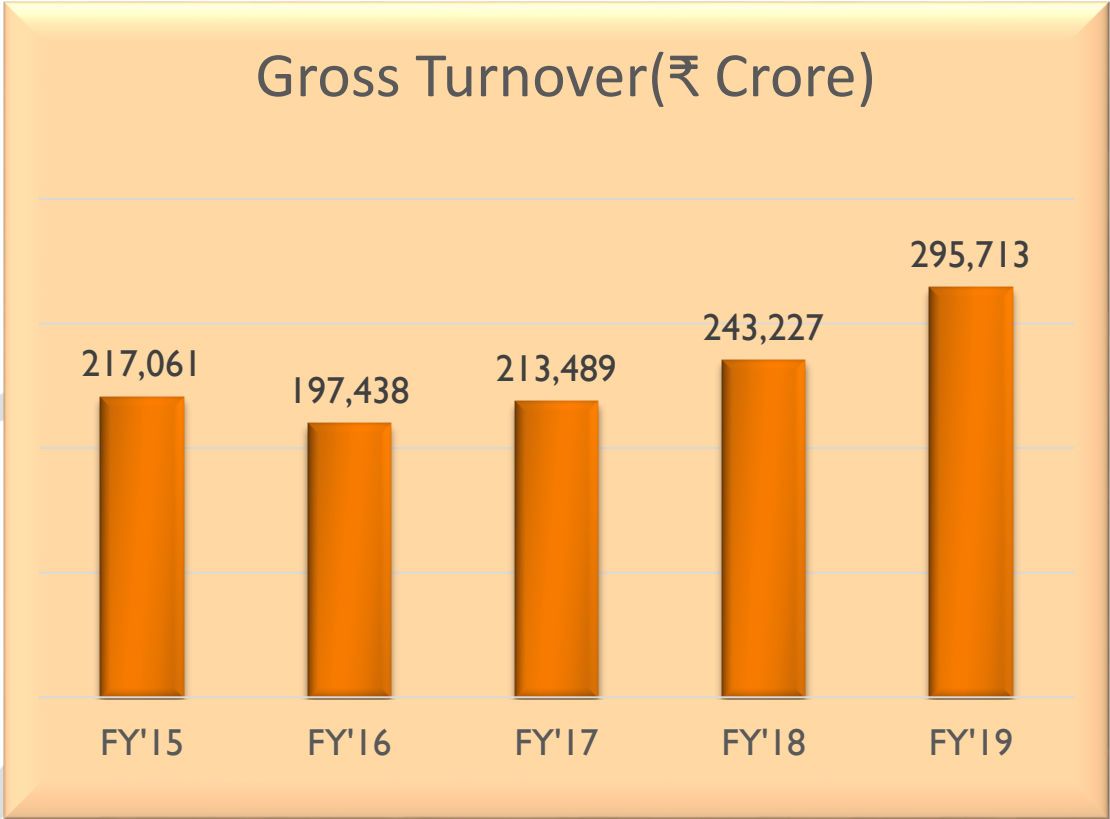
- Highest Market Sales; Refining Thruput & Pipeline Thruput
- India's No.1 Lube Marketer : 650 TMT
- PNGRB authorization for CGD network in 20 geographical areas in 9 states

# HPCL – Physical Performance

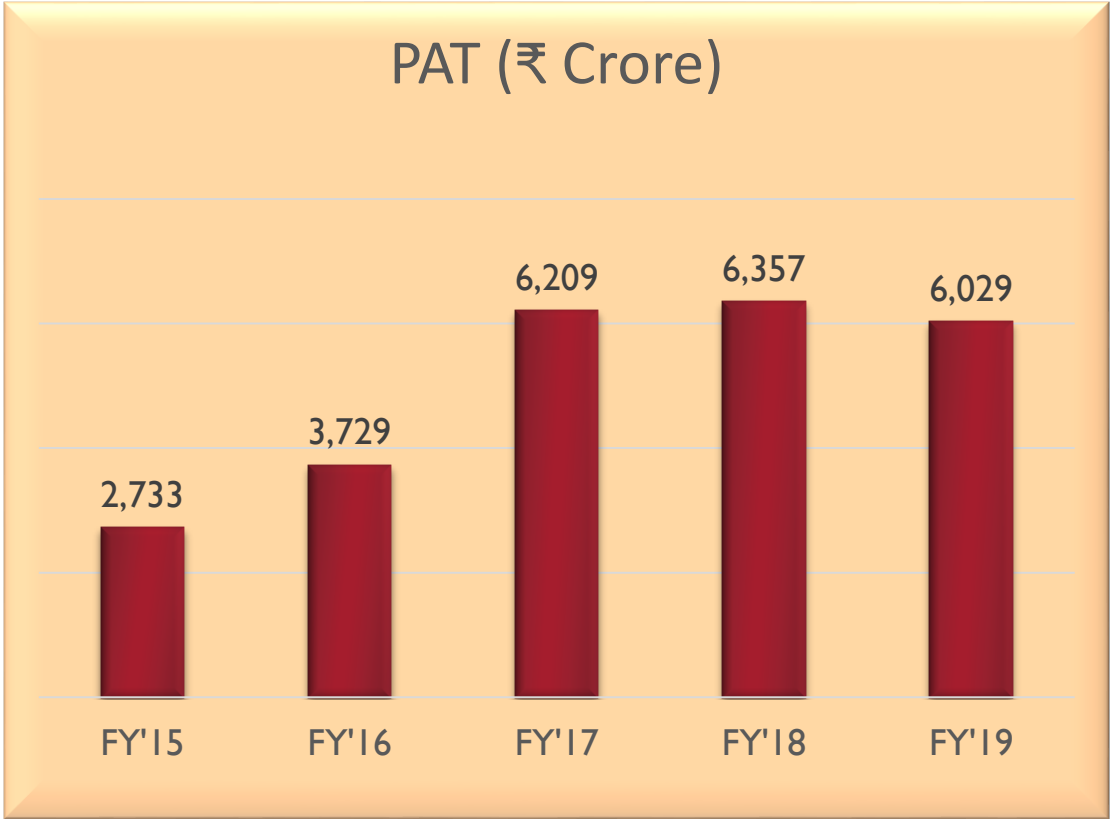


# HPCL – Financial Performance

Gross Turnover(₹ Crore)



PAT (₹ Crore)



# Mangalore Refinery & Petrochemicals Ltd. (MRPL)



- Highest thruput of 16.43 MMT
- Highest production of Poly-propylene (388 TMT#)
- Lowest energy consumption of 74.27 MBN\*

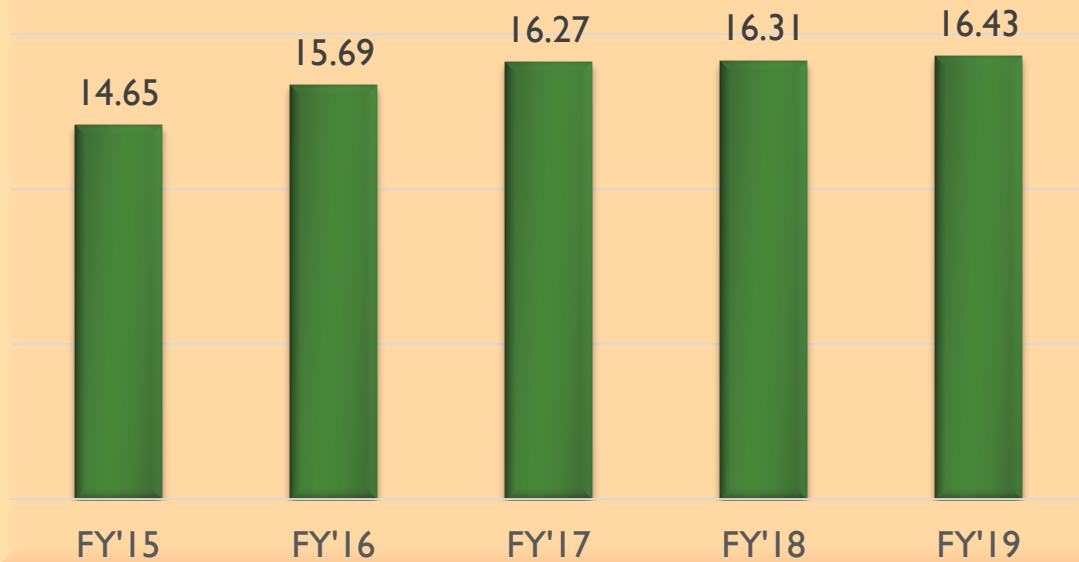
# Thousand Metric tonne

\* Million British Thermal Unit per Thousand barrels per Energy Factor

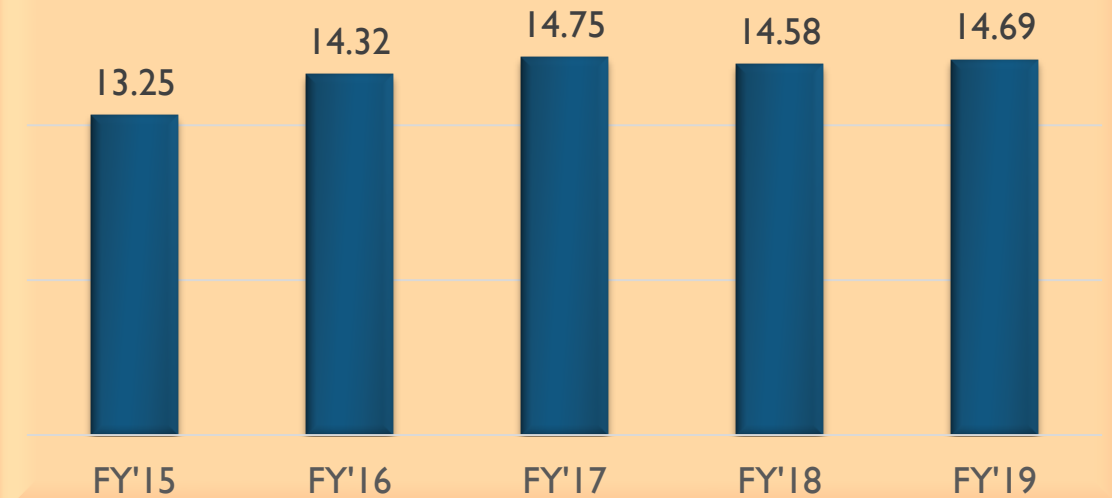


# MRPL– Physical Performance

Thruput (MMT)

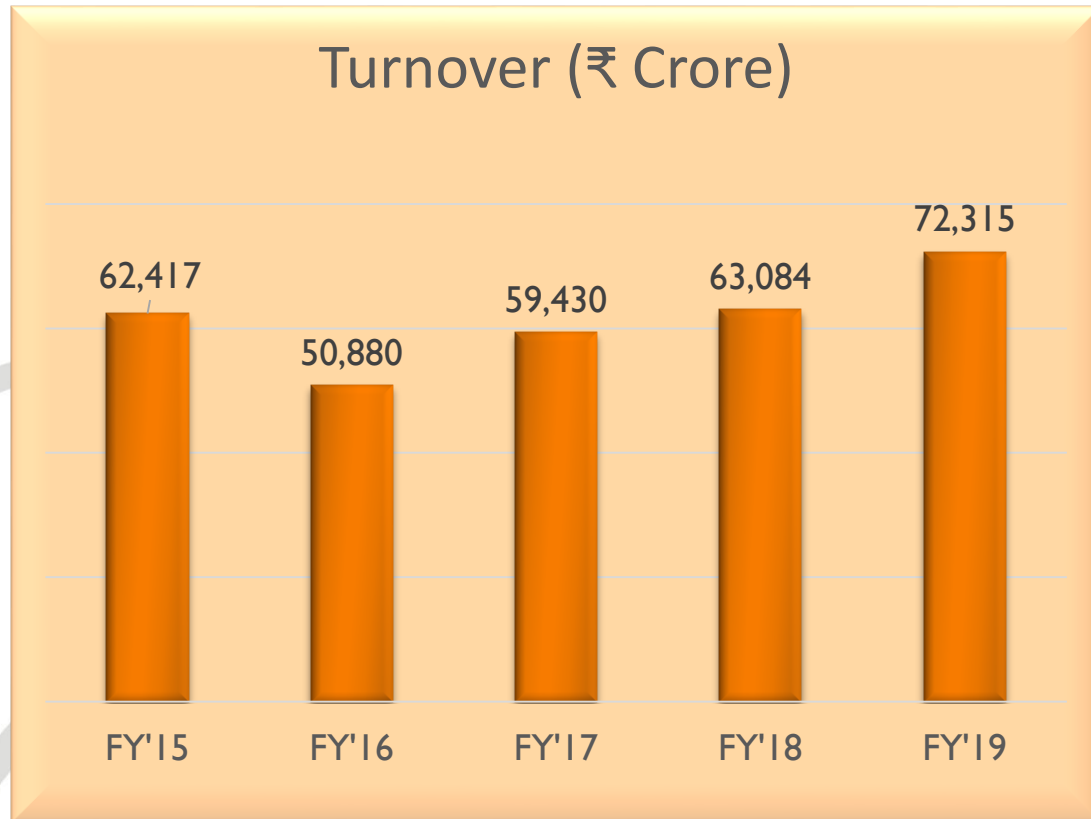


Sales (MMT)

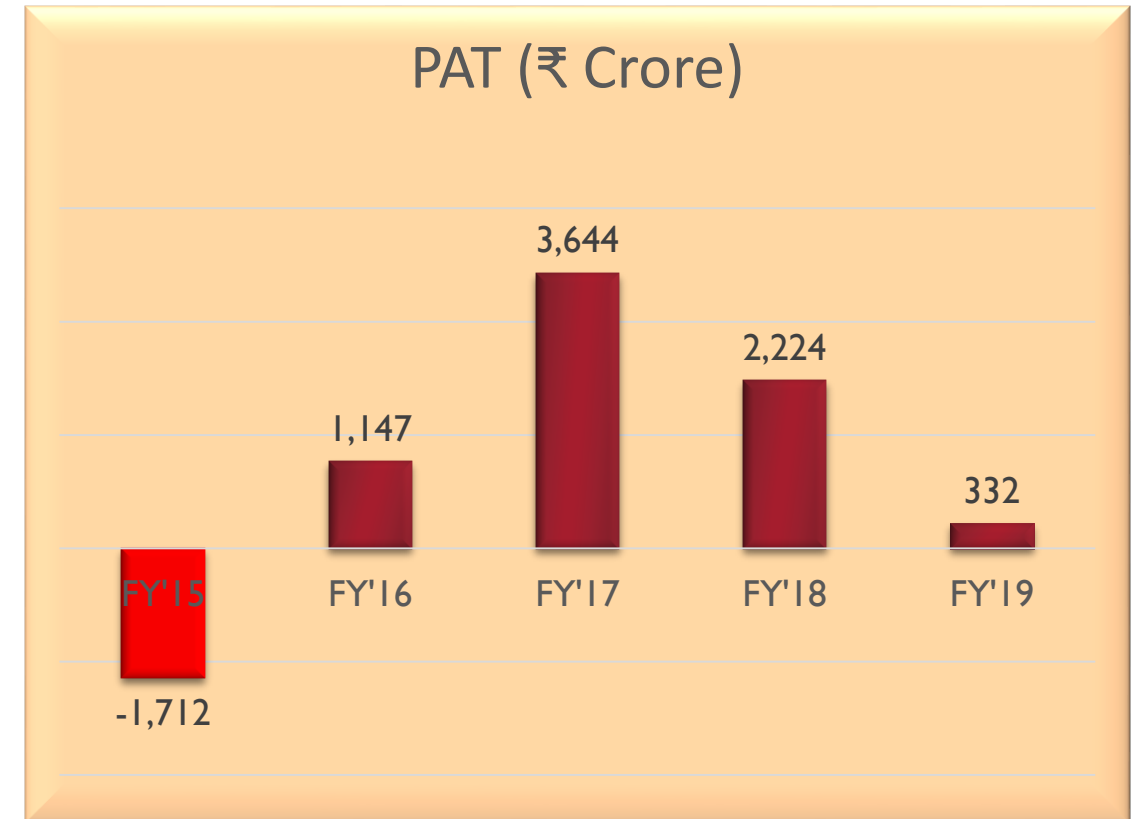


# MRPL– Financial Performance

Turnover (₹ Crore)



PAT (₹ Crore)



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## 1.1 MMTPA Feedstock integration project of ONGC (Utilizing C2, C3 and C4 gas feed and Naphtha produced by ONGC)



- Plant currently operating at ~ 90% capacity
- Polymer Production >1 MMT, Sales > 1 MMT, Exports > 0.15 MMT
- Turnover > ₹ 10,000 Crore
- OPaL awarded “Best Brand in Plastics & Polymer industry” by Economics Times

One of the Largest Dual feed crackers in the world

## Aromatic Petrochemical Complex producing Paraxylene & Benzene



- Capacity utilization ~ 99%
- Thruput 1522 KT
- Around 80% of the products exported
- Revenues: ₹ 8,362 Crore; PAT ₹ 23 Crore

JV focused on specialized petchem



**726.6 MW (363.3x2) Combined Cycle Gas Turbine (CCGT) Thermal Power Plant  
Meets 35% power requirement of all the North Eastern states**



- Largest Indian CDM project with 1.6 million Registered CERs
- 4,711 Million Units generated
- Revenue: ₹ 1,461 Crore
- PAT: ₹ 204 Crore

**Only dividend paying standalone gas based power generation company in India**

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# Corporate Social Responsibility

## Focus Areas

Healthcare & Nutrition

Eradicating poverty

Education and enhancing Employability

Women Empowerment

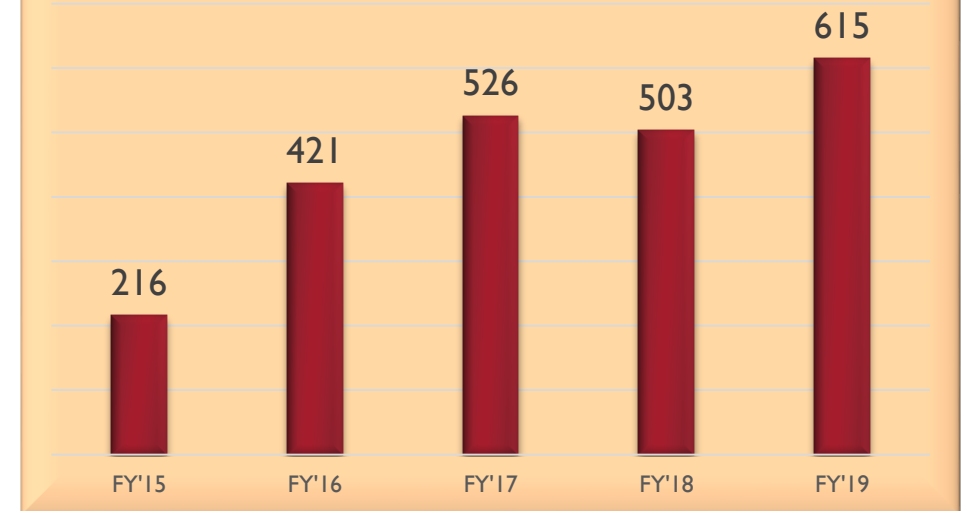
Investing for Greener Tomorrow

Rural and Slum Area Development

Preservation of heritage monuments and promoting art & culture

## CSR Expenditure above ₹500 Crore in last 3 years

### CSR Spend (₹ Crore)



ONGC pursuing major projects - setting up Educational Institutes, Hospitals

# Thank You