

### Hindustan Oil Exploration Company Limited

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E-mail: contact@hoec.com • Website: www.hoec.com CIN: L11100GJ1996PLC029880

February 14, 2022 By Online

The Listing Department
The National Stock Exchange of India Ltd.,

"Exchange Plaza", Bandra Kurla Complex, Bandra (East), Mumbai – 400 051

Stock Code: HINDOILEXP

The Corporate Relationship Department BSE Limited,

1st Floor, P. Jeejeebhoy Towers, Dalal Street, Mumbai – 400 001 Stock Code: 500186

Dear Sirs,

**Sub: Investor Presentation** 

Pursuant to Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015, please find attached the Investor Presentation for the quarter ended December 31, 2021.

We request you to kindly take the same on records and disseminate to public.

Yours Sincerely,

For Hindustan Oil Exploration Company Limited

G Josephin Daisy Company Secretary

Encl.: a/a



# HOEC – On the Cusp of Transformation





### Right Resources

- Established player with proven track record
- Experienced and focused management
- Deep technical knowledge and experience in Indian Basins
- Asset Portfolio tailored to strategy



### Right Strategy

- Short cycle projects with immediate production uptick
- Cost effective projects and operations delivery
- Disciplined capital allocation preserving financial flexibility



### Right Environment

- Next level of revenue and cashflow generation from B-80 project delivery
- Crude oil and Natural gas prices recovering from lows
- Reforms in sector leading to multiple opportunities for growth

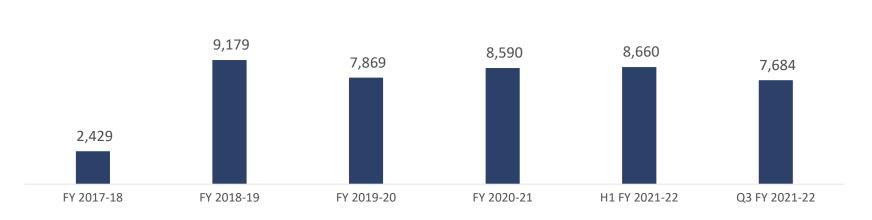
Superior and Sustainable Value Creation over the long term



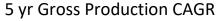
## **Proven Track Record**













Dirok – FDP to First Gas Timeline

## **Board of Directors**





#### Vivek Rae - Non Executive Independent Director/ Chairman

Mr Rae, a former secretary, Ministry of Petroleum & Natural Gas, Government of India, served in the Indian Administrative Services for 36 years. Subsequent to his retirement, Mr. Rae served as a whole-time member of the 7th Central Pay commission and was on the Board of Indian Oil Corporation Limited as an Independent Director during 2017-18.



#### **Elango Pandarinathan - Managing Director**

Mr. Elango is a veteran in the upstream Oil & Gas industry with over 30 years of experience. He has held several leadership roles and has created a number of firsts as a Business Leader. He was one of the five finalists for Platts' first-ever "Asia CEO of the Year" Award in 2013.



#### Rohit Rajgopal Dhoot - Non Executive, Non Independent Director

Mr. Rohit has been the Managing Director of Dhoot Industrial Finance Limited since 1994 and has a plethora of experience in Finance, Banking, M&A and Strategic Planning spanning more than 20 years.



# Ramasamy Jeevanandam - Executive Director & Chief Financial Officer

Mr. Jeevanandam joined HOEC in February 2015, after successful stints at ONGC and Hardy Oil. He brings in sharp business acumen and has been instrumental in taking key strategic business decisions.



#### Ashok Kumar Goel - Non Executive, Non Independent Director

Mr. Ashok Kumar Goel was the Chairman and Managing Director of Essel Propack Limited until August 2019. He possesses great business insight, sharp business acumen, and has rich experience in running and managing the business of the large conglomerate of Essel Group.



#### **Pronip Kumar Borthakur - Non Executive Independent Director**

Mr Borthakur is a well recognized and respected technical authority in the Oil and Gas sector who brings in experience of more than 37 years at ONGC, from where he retired as Director (Offshore).

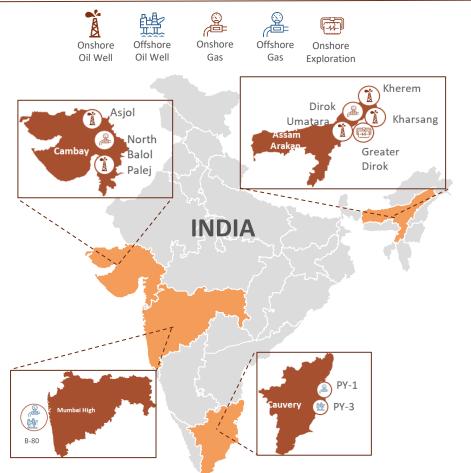


#### Sharmila H. Amin - Non Executive Independent Director

She is the South Asian Regional Director and Managing Director of Bertling Logistics. In her long career in Heavy Lift Projects Logistics, she has headed projects in Oil & Gas for the South Asia Region as a part of the Panalpina Group.

## Tailored Asset Portfolio with Broad Geographical Presence





- India Focused Asset Portfolio tailored to deliver our strategy of rapid development of discovered resources
- Strong offshore presence with anchor assets on both east and west coast
- Established industry leading footprint in most prospective areas –
   North-east and Cambay

- Out of 11 blocks with discovered / producing resources
- Out of 7 producing basins in India with HOEC presence

# Focused Strategy for Value Generation



Uniquely placed with right organization and right asset portfolio to deliver superior value

### Focus on **Discovered Resources**



### **Light Asset Model**



### Low cost operating model



### **Growing responsibly**



### **Growth strategy**



- Focus on discovered oil and gas resources to reduce the risk involved in exploration
- Fast-track execution to bring resources to monetization quickly

- Follow Light-Asset model
- Focus on our core operations (G&G Drilling for Oil/Gas)
- Outsource associated field tasks to expert partners
- Insource at Group Corporate Level

- Follow a low-cost operating model
- Self-funding company with sustainable cash flows from its key

producing assets

Ability to raise growth capital

'Grow Responsibly'

stakeholder value &

Create long-term

- Respect and Care for
- Individuals
- Community
- Environment

- **Build on Offshore** Operating Edge
- Seize growth opportunities in Offshore and North-
- footprint Leverage Existing

Infrastructure to add Attractive Assets with **Synergies** 

East with established



# B-80 Project – On Going Activities











### **KGB - Offshore Installation (OI)**

- KGB modification engineering works to install new export pumps and shutdown valves is ongoing
- Orders placed for all tangibles and deliveries expected in Feb 22
- Pre-commissioning team of EXPRO on board KGB -OI
- OEM service engineers to join later this month for testing & commissioning
- Target is to commence production by end March 2022

### **Gas e-Auction**

- Engaged M/s MSTC for eBidding NIT issued on 27th Jan 2022
- Pre-bid Meeting for the eBidding held on 4th Feb 2022

#### **Commercial Terms:**

- Quantity on Offer: 0.3 MMSCMD
- Contract period : 2 years
- Bidders to quote a % of Brent Price ('P' %)
  - Sales Gas Price (in \$/MMBTU)
  - = (12.0 + 'P')% x previous month Avg Brent Price in \$/BBL
- Floor Price: \$6 per MMBTU
- Delivery Point: Ex-ONGC Hazira Gas Processing Point

### B-80 – Offshore Installation Works Completed in this weather window



### • SPM – Calm Buoy Installation

- Marine spread with diving support mobilized
- Anchor Chains (6 nos.) located, picked up and re-tensioned
- Calm Buoy installation completed & tested



- Installed Actuator on the 6" Ball Valve for the Lateral Assembly
- Function Testing of the Actuator completed

### SPM – FSO Connection – Floating Hose/ Mooring Hawser Installation

- Made up floating hose with Marine breakaway coupling, installed & hooked up
- Connected mooring hawsers to mooring bridle and hooked up
- FSO moved to site & Hooked up with floating hose & mooring hawser







### Full Offshore Systems Installed and Integrated

# B-80: Key Milestones



FDP Approved

Dec 2017

 Drilling & completion – 2 subsea development wells

April 2020

 Offshore Installation(OI) for collecting, separating and processing well fluids

March 2021

Hot-Tap of existing ONGC WO-16
 Pipeline; Subsea production
 controls and flexible flowlines /
 export lines installation

April 2021

 Installation of Oil evacuation using FSO moored with CALM buoy

Dec 2021

 Full Offshore Systems installed and Integrated

Jan 2022

 Pre-Commissioning and Commissioning works to commence production

In-Progress



# **Dirok:** Progress on Phase-II development



32.8 mmscfd
Gas Production

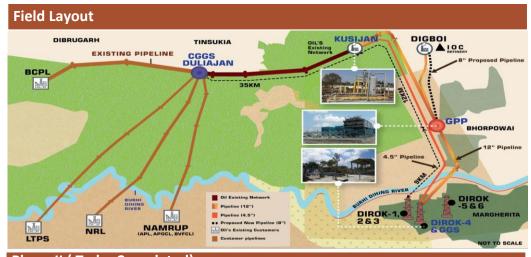
(Q3-FY22)

629 boepd
Condensate Production
(Q3-FY22)

> 15%
Assam Gas
Production

- In addition to OIL India, direct supply commenced to four other customers
- Premium gas sales commenced to NRL, BCPL & NEEPCO & AGCL.
- Premium sales during Q3 FY 2021-22 constitute about 20% of Total Dirok Sales





### Phase II (To be Completed)

- Laying of 35km pipeline to connect directly to Duliajan hub
- Drilling of 3 development wells to increase production from 35 mmscfd to 55 mmscfd

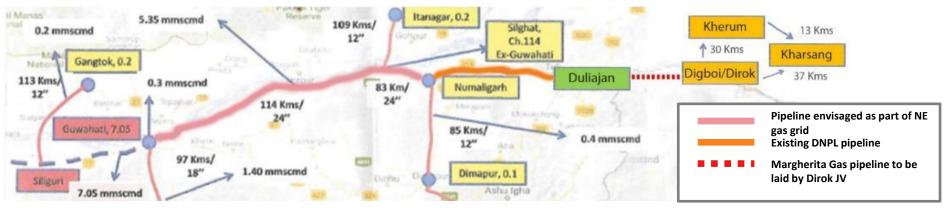
#### **Project Progress**

- Environmental clearance obtained
- Forest clearance for pipeline section under progress
- Pipes have been ordered. First lot received

Dirok is a successful fast-track development with an outsourced model for processing

## **Dirok:** E-auction for Dirok Gas - Updates





### **HIGHLIGHTS of E-Auction – June 2021**

- · Quantity on Offer: 1.25 mmscmd
- Contract period : 2 years
- Price Basis: PPAC Price + Premium to bid
- Both firm & fallback options to bid
- Total quantity bid for Firm 0.3 mmscmd; Total quantity bid for fallback – 1.86 mmscmd
- Average premium of > \$1/mmbtu received

#### **Current Status on E-Auction**

- 6 out of 8 Premium Gas Sales Agreements are signed for a cumulative total of 1.18 mmscmd under both firm & fall-back basis
- Premium sales commenced to NRL, BCPL, NEEPCO & AGCL. Premium sales during Q3 FY 2021-22 constitute about 20% of total Dirok Sales.
- Average Premium realized is > \$1/mmbtu

# **PY-1:** Enhancing Production and Offtake Arrangements



## 55 mmscfd

**Processing** Capacity

### 56 km

Sub sea pipeline

- Only offshore platform in Cauvery Basin with 8 slots and four wells drilled
- Unique, gas-bearing and the only offshore fractured granitic basement reservoir in India
- G&G studies completed and new well locations identified for the full field development; awaiting review
- Application of Environmental Clearance under process
- PY-1 adhoc extension granted till 5th April 2022

#### Clients















GAIL is the sole buyer for the gas produced in this field

# Kharsang: Phase I Development Plan



506 bopd **Current Oil Production** 

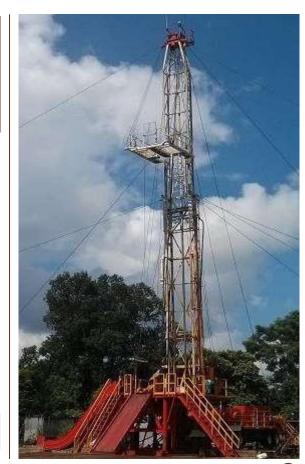
30% Direct + Indirect PI 18

Number of Wells to be drilled in near future

#### Field Overview

- HOEC acquired entire share capital of M/s Geopetrol International Inc in 2018 which has 30% stake - Direct and Indirect in Kharsang Oil field
- Kharsang oil field is located in the state of Arunachal Pradesh and 60 kms away from Dirok
- Post drilling of 18 wells, production expected to increase to 1800 boepd
- RFDP is approved & Mining lease granted till 15 June 2030
- Adhoc PSC extension granted

Proposed drilling campaign will include appraisal of deeper prospects



# **Cambay:** Developments



78 bopd **Total Oil Production** (Q3-FY22)

0.37 mmscfd **Total Gas Production** (Q3-FY22)

Asjol, North Balol and Palei Marginal fields at Cambay

#### Approved FDP to be executed over next Two years:

- **Asjol:** 2 development wells & hook-up to EPS
- North Balol: 2 development wells & hook-up to GCS
- Palej: RFPSC (100 sq.km. 3D seismic & 2 exploration wells pending MOPNG execution of the PSC amendment)

#### **Public Hearing highlights:**

 Public Hearing completed as part of Environment Clearance Process successfully on 18<sup>th</sup> Jan 2022 for future development campaigns in Asjol and North Balol

Asjol **JV Partner** 





CB-ON/7 (Palej) **JV Partners** 







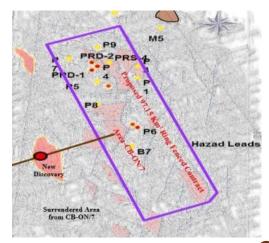
North Balol **JV Partners** 



25%

HOEC PI





### Other Blocks





- Block awarded under DSF 2016
- Tested Oil 402 bopd
- Field Plan- 2 wells to be completed in 3 years from date of receiving PML
- Forest Clearance (FC) in final stages. PML to be processed after FC



- Block awarded under DSF 2018
- Located at a distance of 50 km from Dirok field
- Jointly operated by IOC (Lead operator) & HOEC
- Public Hearing conducted successfully. Final EIA Report submitted Online in Jan 2022. FDP Planning is in progress.



- Field under shutdown since July 2011
- HOEC has 21% non-operating stake in PY-3. Operates PY-1 Gas field with an offshore platform and onshore processing facilities close to PY-3 field
- PSC extended till 2030
- Last production (100%) 3,300 boepd



(Greater Dirok)

AA-ONHP-

2017/19

- - Preliminary EIA studies to be initiated.

HOEC PI







10%



Hardy Oil and Gas plc

21%





Block awarded under OALP Bid Round 2019

- Exploratory block adjacent to Dirok block with associated synergies both surface and sub-surface

100%



## Standalone Statement of Profit or Loss

- Diluted



PARTICULARS (INR Cr)	Q3-FY22	Q2-FY22	FY21	FY20
INCOME				
Revenue from operations	36.24	31.05	99.44	179.84
Other income	1.95	6.19	11.82	21.58
Total revenue	38.19	37.24	111.26	201.42
EXPENSES				
Expenses from producing oil and gas blocks	5.81	5.40	22.96	26.00
Royalty, Cess and NCCD	6.04	5.93	19.69	20.64
Decrease / (Increase) in stock of crude oil and condensate	1.18	(0.10)	(1.97)	(0.12)
Employee benefits expense	0.19	0.22	0.61	5.18
Finance costs – unwinding of discount on decommissioning liability	1.51	1.51	5.60	5.18
Depreciation, depletion and amortization	3.62	4.50	18.58	23.92
Other expenses	2.24	2.37	8.32	6.00
Total expenses	20.59	19.83	73.79	86.80
Profit before tax and exceptional items	17.60	17.41	37.47	114.62
Exceptional items - Income	-	-	27.59	26.21
Profit before tax	17.60	17.41	65.06	140.83
Net tax expenses	-	-	-	-
Net profit for the period	17.60	17.41	65.06	140.83
Other comprehensive income	0.01	0.01	0.04	0.16
Total comprehensive income	17.61	17.42	65.10	140.99
Earnings per equity share of Rs 10 each - Basic	1.33	1.32	4.92	10.71

1.33

1.32

4.92

10.71

# Standalone Statement of Assets & Liabilities

PARTICULARS (INR Cr)	H1-FY22	FY21	FY20	PARTICULARS (INR Cr)	H1-FY22	FY21	FY20
EQUITY AND LIABILITIES				ASSETS			
EQUITI AND LIABILITIES				Non-Current Asset	806.01	704.41	584.44
Equity	759.32	730.18	665.08	(a) Property, Plant and Equipment			
(a) Equity share capital	132.26	132.26	132.26	(i) Oil & gas assets	281.17	288.59	305.04
(a) Equity share capital	152.20	132.20		(ii) Others	3.50	2.82	2.86
(b) Other equity	627.06	597.92	532.82	(b) Capital work-in-progress	381.22	274.08	139.24
Non-Current Liabilities	324.87	197.49	103.73	(c) Investment property	3.15	3.95	4.15
Non-Current Liabilities	324.07	137.43	103.73	(d) Intangible assets	9.21	9.37	9.82
(a) Financial liabilities				(e) Financial assets			
(2)	242.50	00.20		(i) Investments in subsidiary	59.46	59.46	59.46
(i) Long-term borrowings	212.58	88.28	-	(ii) Deposits under site restoration fund	67.73	65.59	62.41
(ii) Other financial liabilities	0.14	0.13	0.31	(f) Deferred Tax Asset	_	_	-
				(g) Other non-current assets	0.57	0.55	1.46
(b) Provisions	112.15	109.08			454.06	330.86	316.85
Current Liabilities	175.88	107.60	132.48	(a) Inventories	30.03	30.46	22.02
				(b) Financial assets			
(a) Financial liabilities				(i) Investments	95.49	30.35	91.89
(i) Trade payables	16.12	12.13	12.69	(ii) Trade receivables	10.54	28.02	35.21
(i) Hade payables	10.12	12.13	12.09	(iii) Cash & cash equivalents	13.76	30.10	48.71
(ii) Other financial liabilities	117.40	89.91	117.39	(iv) Other bank balances	31.89	15.90	15.25
(h) Dua visi and	20.15	0.10	0.14	(v) Loan to subsidiary	98.39	97.39	65.96
(b) Provisions	38.15	0.18	0.14	(vi) Other financial assets	66.93	30.53	4.19
(c) Other current liabilities	4.21	5.38	2.26	Income tax assets (net)	9.01	4.39	4.35
		4.00=.0=	224.25	Other current assets	98.02	63.72	29.27
GRAND TOTAL - EQUITIES & LIABILITIES	1260.07	1,035.27	901.29	GRAND TOTAL - ASSETS	1260.07	1,035.27	901.29
							1

## Consolidated Statement of Profit or Loss

Net tax expenses

Net profit for the period

Other comprehensive income

**Total comprehensive income** 

Earnings per equity share of Rs 10 each - Basic

- Diluted

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PARTICULARS (INR Cr)	Q3-FY22	Q2-FY22	FY21	FY20
INCOME				
Revenue from operations	43.94	39.10	113.86	202.05
Other income	2.70	6.03	11.32	21.76
Total revenue	46.64	45.13	125.18	223.81
EXPENSES				
Expenses from producing oil and gas blocks	7.28	6.82	29.54	35.34
Royalty, Cess and NCCD	8.41	8.54	24.45	21.82
Decrease / (Increase) in stock of crude oil and condensate	1.24	1.60	(3.30)	0.43
Employee benefits expense	0.38	0.26	0.69	5.56
Finance costs - unwinding of discount on decommissioning liability	1.55	1.55	5.78	5.36
- Others	0.25	0.01	0.01	1.04
Depreciation, depletion and amortization	5.09	5.58	23.37	29.38
Other expenses	3.90	2.58	8.34	14.31
Total expenses	28.10	26.94	88.88	113.24
Profit before tax and exceptional items	18.54	18.19	36.30	110.57
Share of profit from associate	0.35	(2.03)	1.54	0.52
Exceptional items - Income	-	-	13.98	26.21
Profit before tax	18.89	16.16	51.82	137.30

(0.26)

19.15

0.01

19.16

1.45

1.45

(0.80)

16.96

0.01

16.97

1.28

1.28

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137.72

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(1.59)

53.42

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4.04

4.04

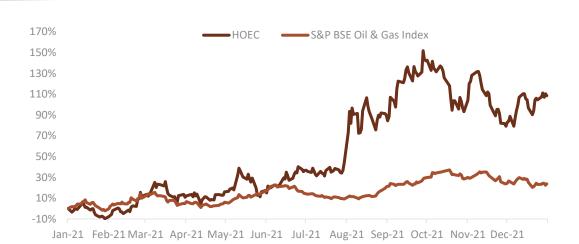
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# Consolidated Statement of Assets & Liabilities

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PARTICULARS (INR Cr)	H1-FY22	FY21	FY20	PARTICULARS (INR Cr)	H1-FY22	FY21	FY20
EQUITY AND LIABILITIES				ASSETS			
EQUITI AND LIABILITIES				Non-Current Asset	1129.85	958.41	769.13
Equity	761.25	733.17	679.71	(a) Property, Plant and Equipment			
(a) Equity share capital	132.26	132.26	132.26	(i) Oil & gas assets	303.21	312.14	331.78
(h) Othor or its	629.00	600.91	547.45	(ii) Others	9.97	9.94	11.57
(b) Other equity	628.99	600.91	547.45	(b) Capital work in progress	715.27	534.59	327.37
Non-Current Liabilities	386.95	273.23	142.07	(c) Investment property	3.15	3.95	4.15
(a) Financial liabilities				(d) Intangible assets	9.21	9.37	9.82
				(e) Financial assets			
(i) Long term borrowings	270.28	159.17	31.97	(i) Investments in associate	17.67	19.28	17.73
(b) Other financial liabilities	0.14	0.14	0.31	(ii) Deposits under site restoration fund	70.74	68.53	65.18
				(iii) Other financial assets	0.06	0.06	0.07
Provisions	115.74	112.59	106.77	(f) Other non-current assets	0.57	0.55	1.46
Deferred tax liability	0.79	1.33	3.02	Current Assets	298.49	226.74	266.71
·				(a) Inventories	34.19	36.10	26.59
Current Liabilities	280.14	178.75	214.06	(b) Financial assets			
(a) Financial liabilities				(i) Investments	95.49	45.38	100.48
(i) Trade navebles	52.26	36.24	6E 90	(ii) Trade receivables	14.22	31.07	36.36
(i) Trade payables	52.20	30.24	65.89	(iii) Cash & Cash Equivalents	33.48	46.89	70.60
(ii) Other financial liabilities	172.22	123.70	131.21	(iv) Other bank balances	35.58	24.63	15.24
(b) Provisions	51.33	13.19	13.47	(v) Other financial assets	64.30	28.54	3.47
. ,	J1.JJ			Income tay accets (not)	12.02	7 26	0.00
(c) Other Current liabilities	4.33	5.62	3.49	Income tax assets (net) Other Current Assets	12.03 9.20	7.36	9.88
GRAND TOTAL - EQUITIES & LIABILITIES	1428.34	1,185.15	1,035.84	GRAND TOTAL - ASSETS	9.20 <b>1428.34</b>	6.77 <b>1,185.15</b>	4.09 <b>1,035.84</b>
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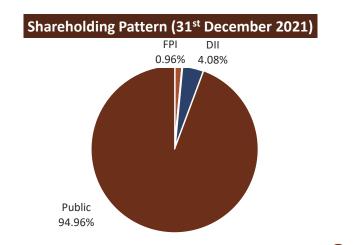
# Capital Market Data





Marquee Investors	% Holding
Housing Development Finance Corporation Ltd (HDFC)	8.46%
Kotak Small Cap Fund	1.98%
ICICI Prudential Commodities Fund	1.72%

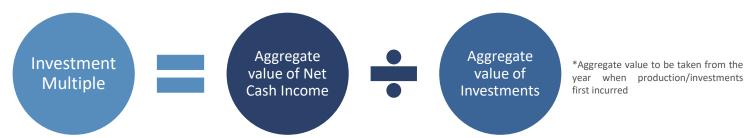
Price Data (31st December, 2021)	
CMP (INR)	182.1
52 Week H/L (INR)	222.1/78.4
Avg. Net Turnover (INR Mn)	171.9
Market Cap (INR Mn)	24,073.6
Equity Shares Outstanding (Mn)	132.2





## **Production Sharing Model**





### **Net Cash Income**

Cost Petroleum



Profit Petroleum



Contractors all incidental income arising from petroleum operations

Contractor's production costs and royalty payments

### **Investments**

Contractors exploration cost



Contractors development cost

Profit Petroleum shall be shared between Government and Contractor in accordance with value of Investment Multiple earned by the Contractor

# Investment Multiple under PSC

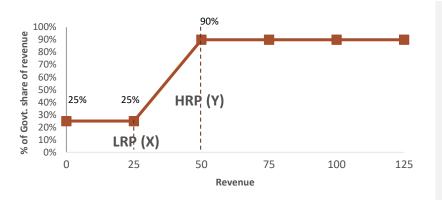


Block		AAP-ON-94/1	PY-1*	PY-3*	North Balol	Kharsang*	CB-ON-7	Asjol*
Dovolty	Gas	10%	10%	10%	10%	-	-	-
Royalty	Oil/Cond	20%	-	10%	-	20%	20%	20%
Cess	Oil/Cond	20%	20%	20%	0%	20%	20%	20%
Cost Recovery Limit		80%	100%	100%	80%	100%	60%	100%
			Investment M	ultiple (Govt. Sh	are Percentages	s)		
<1		0%	10%	20%	20%	15%	0%	10%
1<1.5		10%	15%	20%	20%	15%	25%	20%
1.5<2		25%	15%	35%	30%	20%	30%	30%
2<2.5		35%	60%	50%	50%	25%	35%	40%
2.5<3		45%	60%	60%	50%	30%	40%	50%
3<3.5		50%	60%	70%	50%	35%	45%	60%
>3.5		50%	60%	80%	50%	40%	50%	60%

<sup>\* -</sup> Rates applicable from date of PSC extension listed as per PSC extension policy \*\* - All JV Partners to share Cess and Royalty in proportion to their Participating Interest

# Revenue Sharing Model





Bidding process based on the Revenue Sharing Model involves 2 parameters – Lower Revenue Point (LRP) and Higher Revenue Point (HRP). The revenue share for intermediate points will be calculated by linear interpolation. The bidder offering the highest net present value of the revenue share to the Government will score the maximum on this parameter.

$$Z = X + [(Y - X)*(R - 0.01)/0.99]$$

X - % of Govt. share of revenue payable at LRP

Y - % of Govt. share of revenue payable at HRP

R – Average daily revenue in Million US Dollar

Z - % of Govt. share of revenue when Avg. daily revenue > LRP and < HRP

Block	B-80	Kherem	AA-ONHP-2017/19	Umatara
Government Share of Revenue – LRP	12%	21%	22%	48%
Government Share of Revenue - HRP	55%	99%	99%	99%
Royalty	10% for crude oil, condensate and Natural Gas	12.5% for crude oil and condensate; 10% for natural gas	12.5% for crude oil and condensate; 10% for natural gas	12.5% for crude oil and condensate; 10% for natural gas
Cess	0	0	0	0

## Industry Outlook





- Strong oil and gas prices to support B-80 commencement
- Govt. has introduced new guidelines for E-bidding for Natural Gas produced across the country in an effort to standardize the process of price discovery
- Dirok Gas E-auction completed in June 2021 . B-80 Gas E-auction to conclude Feb 2022
- PPAC price maintained at \$2.90/mmbtu for the 6-monthly period between October 2021 March 2022

## Disclaimer



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