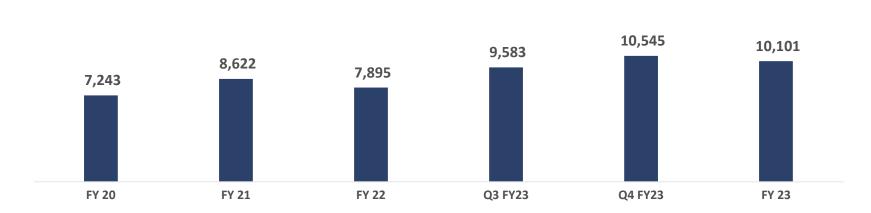


## **Proven Track Record**









5 yr Gross Production CAGR

27 Months

Dirok (Assam) – FDP to First Gas Timeline



B-80 (Western Offshore) – 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 38 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 37 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 24 years.



#### Ramasamy Jeevanandam - Executive Director & CFO

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 has rich experience of more than 42 years from his illustrious career in ONGC, from where he retired as Director (Offshore).

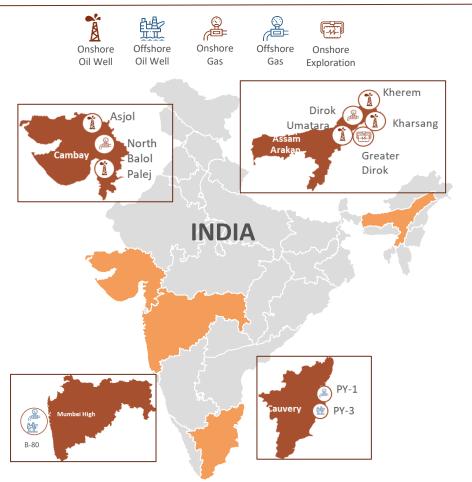


#### Sharmila H. Amin - Non-Executive Independent Director

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



### **Growth strategy**



### **Growing responsibly**



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

- Build on Offshore Operating Edge
- Seize growth opportunities in Offshore and North-East with established footprint
- Leverage Existing Infrastructure to add Attractive Assets with Synergies

- Create long-term stakeholder value & 'Grow Responsibly'
- Respect and Care for
  - Individuals
  - Community
  - Environment



### **B-80 Operations Update**

HUEL

- Both oil (D1) and gas (D2) wells are on continuous production.
- HP separator repaired , tested and commissioned
- Produced oil is being transported and stored at the Floating Storage and Offloading (FSO)- tradable parcel size is now ready for shipment
- Fresh Crude Assay is expected to facilitate E-Auction by inviting all domestic refineries
- Gas is being transported through ONGC and GAIL pipeline system for offtake by multiple buyers
- System established to trade excess volume in Indian Gas
   Exchange (IGX) at market prices at short notice



## **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

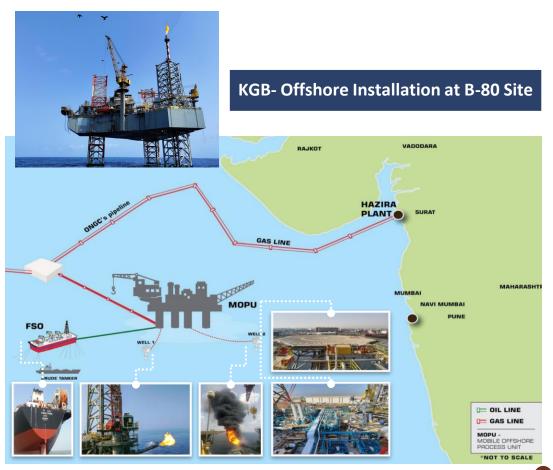
 Process plant commissioned and gas production commenced May 2022

Commercial Gas Sales to GSPC started

June 2022

 Commercial Oil production commenced Both oil and gas wells on continuous production Dec 22 onwards

Dec 2022



# Dirok: Production & Phase-II development



### 30 mmscfd

Gas Production (Q4-FY23)

### 506 bopd

Condensate Production (Q4-FY23)

> 15%
Assam Gas
Production

- Premium Sales during Q4 FY 23 constitute about 25% of the total Dirok sales.
- Central PSU Indradhanush Gas Grid Limited (IGGL) is expected to complete North-East Gas Grid Phase 1 connecting Numaligarh to Guwahati by Q4 FY24.
- Feasibility studies and preliminary discussions initiated to transport & market Dirok Gas in Guwahati through NE Gas Grid.



#### JV Partners









### Phase II – FDP Approved

NRL

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

DIROK-1,

#### **Project Progress**

- Gas Sales Offtake Terminal (GSOT) in Duliajan: Planning in progress.
- 18" pipeline construction work in progress in critical Forest Segment

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

# PY-1: Enhancing Production and Offtake Arrangements



USD 3.67
Realised Price per
MMBTU

55 mmscfd

Processing Capacity

56 km

Sub sea pipeline

- Production Sharing Contract (PSC) for PY-1 block stands extended to October 5,
   2030.
- 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.
- Seismic reprocessing is in progress for more accurate well location.
- EIA study completed for obtaining Environmental Clearance for drilling additional wells

#### Clients













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

# Kharsang: Phase I Development Plan



424 boepd
Oil Production
(Q4-FY23)

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 in the state of Arunachal Pradesh and 60 kms away from Dirok
- RFDP envisages drilling of 18 wells to increase the production expected to 1800 boepd
- RFDP is approved & mining lease granted till 15 June 2030
- Cost recovery issues were settled and awaits formal extension for 10 years

Proposed drilling campaign will include appraisal of deeper prospects



# Cambay: Developments



73 boepd
Oil Production
(Q4-FY23)

0.343 mmscfd

Total Gas Production (Q4-FY23)

Asjol, North
Balol and Palej
Marginal fields at Cambay

#### Approved FDP to be executed over the next two years:

- Asjol: 2 development wells & hook-up to EPS; public hearing completed
- North Balol: 2 development wells & hook-up to GCS, public hearing completed
- Palej: RFPSC (100 sq.km. 3D seismic & 2 exploration wells JV signed RFPSC submitted to MOPNG through DGH)
- Small volume of Associated Natural Gas (ANG) sale commenced to achieve zero flaring







CB-ON/7 (Palej)
JV Partners





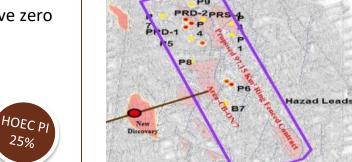




North Balol

**JV Partners** 









# Standalone Statement of Profit or Loss



PARTICULARS (INR Cr)	Q4-FY23	Q3-FY23	FY23	FY22
INCOME				
Revenue from operations	141.63	101.34	381.05	130.51
Other income	9.07	5.03	27.91	16.80
Total revenue	150.70	106.37	408.96	147.31
EXPENSES				
Expenses from producing oil and gas blocks	39.88	60.34	169.52	22.25
Royalty, Cess and NCCD	19.13	17.70	56.72	22.95
Decrease / (Increase) in stock of crude oil and condensate	(36.68)	(16.60)	(58.70)	2.30
Employee benefits expense	0.20	0.13	0.65	0.63
Finance costs – banks and financial institutions	4.91	8.01	24.23	1.41
Finance costs – unwinding of discount on decommissioning liability	1.63	2.18	7.62	6.05
Depreciation, depletion and amortization	10.44	7.97	27.65	14.85
Other expenses	4.22	10.72	17.60	6.68
Total expenses	43.73	90.45	245.29	77.12
Profit before tax and exceptional items	106.97	15.92	163.67	70.19
Exceptional items	-	-	-	(34.36)
Profit before tax	106.97	15.92	163.67	35.83
Net tax expenses	-	-	-	-
Net profit for the period	106.97	15.92	163.67	35.83
Other comprehensive income	0.06	(0.01)	0.03	(0.05)
Total comprehensive income	107.03	15.91	163.70	35.78
Earnings per equity share of Rs 10 each - Basic	8.09	1.20	12.37	2.71
- Diluted	8.09	1.20	12.37	2.71

# Standalone Statement of Assets & Liabilities

1571.02

1,275.34

1,035.27

**GRAND TOTAL - EQUITIES & LIABILITIES** 

						П	
PARTICULARS (INR Cr)	FY23	FY22	FY21	PARTICULARS (INR Cr)	FY23	FY22	FY21
EQUITY AND LIABILITIES				ASSETS			
EQUIT AND EIABIETTES				Non-Current Asset	960.74	990.03	704.41
Equity	929.66	765.97	730.18	(a) Property, Plant and Equipment			
(a) Equity share capital	132.26	132.26	132.26	(i) Oil & gas assets	781.39	275.86	288.59
(a) Equity share capital	132.20	152.20	132.20	(ii) Others	3.38	3.37	2.82
(b) Other equity	797.40	633.71	597.92	(b) Capital work-in-progress	26.61	511.36	274.08
Non-Current Liabilities	220.47	284.37	197.49	(c) Investment property	2.92	3.07	3.95
Non-current Liabilities	220.47	204.37	137.43	(d) Intangible assets	9.86	9.71	9.37
(a) Financial liabilities				(e) Financial assets			
(i) Lang tarm harrowings	72.25	160.61	00.20	(i) Loan to subsidiary	-	56.88	-
(i) Long-term borrowings	73.35	160.61	88.28	(ii) Investments in subsidiary	59.46	59.46	59.46
(ii) Other financial liabilities	10.76	8.66	0.13	(iii) Deposits under site restoration fund	74.58	69.48	65.59
0.5		445.40 400.00		(iv) Other bank balances	1.09	-	-
(b) Provisions	136.36	115.10	109.08	(f) Income tax assets (net)	1.37	0.64	-
<b>Current Liabilities</b>	420.89	225.00	107.60	(g) Other non-current assets	0.08	0.20	0.55
				Current Assets	610.28	285.31	330.86
(a) Financial liabilities				(a) Inventories	78.25	5.71	30.46
(i) Borrowings	210.26	95.48	61.72	(b) Financial assets			
				(i) Investments	114.71	0.34	30.35
(ii) Trade payables	95.38	17.23	12.13	(ii) Trade receivables	42.88	13.60	28.02
(iii) Other financial liabilities	47.33	101.46	28.18	(iii) Cash & cash equivalents	23.96	12.94	30.10
(iii) Other illiancial liabilities	47.55	101.70	20.10	(iv) Other bank balances	33.51	32.50	15.90
(b) Provisions	0.30	0.20	0.18	(v) Loan to subsidiary	224.37	173.57	97.39
(a) Oth an annual linkilities	67.62	10.62	Г 20	(vi) Other financial assets	90.14	45.62	30.53
(c) Other current liabilities	67.62	10.63	5.39	(c) Income tax assets (net)	-	-	4.39

(d) Other current assets

**GRAND TOTAL - ASSETS** 

2.46

1571.02 1.275.34

1.03

63.72

## Consolidated Statement of Profit or Loss

- Diluted

Earnings per equity share of Rs 10 each - Basic



PARTICULARS (INR Cr)	Q4-FY23	Q3-FY23	FY23	FY22
INCOME				
Revenue from operations	175.09	169.83	558.92	155.73
Other income	4.23	1.73	8.80	11.46
Total revenue	179.32	171.56	567.72	167.19
EXPENSES				
Expenses from producing oil and gas blocks	42.25	61.82	176.49	28.23
Royalty, Cess and NCCD	21.24	20.41	67.80	32.35
Facility Operating Expenses	5.81	9.86	26.47	2.67
Decrease / (Increase) in stock of crude oil and condensate	(37.06)	(16.08)	(59.49)	3.79
Employee benefits expense	0.24	0.33	0.94	0.93
Finance costs - banks and financial institutions	5.55	9.95	30.15	3.01
Finance costs - unwinding of discount on decommissioning liability	1.61	2.22	7.73	6.21
Depreciation, depletion and amortization	22.56	21.79	73.70	26.21
Other expenses	7.15	13.86	34.53	8.84
Total expenses	69.35	124.16	358.32	112.24
Profit before tax and exceptional items	109.97	47.40	209.40	54.95
Share of profit from associate	0.15	0.75	0.11	(0.90
Exceptional items		(12.22)	(12.22)	(34.37
Profit before tax	110.12	35.93	197.29	19.6
Net tax expenses	3.47	(1.41)	3.24	(0.31
Net profit for the period	106.65	37.34	194.05	19.9
Other comprehensive income	0.07	(0.01)	0.03	(0.04
Total comprehensive income	106.72	37.33	194.08	19.9

8.06

8.06

2.82

2.82

14.67

14.67

1.51

# Consolidated Statement of Assets & Liabilities

77.99

1,850.29

10.93

1,527.24

(c) Other Current liabilities

**GRAND TOTAL - EQUITIES & LIABILITIES** 

FY23	FY22	FY21	PARTICULARS (INR Cr)	FY23	FY22	FY21
			ASSETS			
			Non-Current Asset	1,381.51	1,387.44	958.41
947.21	753.12	733.17	(a) Property, Plant and Equipment			
132.26	132.26	132.26	(i) Oil & gas assets	799.61	296.55	312.14
Q1/L05	620.86	600.91	(ii) Others	434.06	201.13	9.94
014.33	020.00	000.31		31.54		534.59
356.90	439.07	273.23	(c) Investment property	2.92	3.07	3.95
			(d) Intangible assets	9.86	9.71	9.37
			(e) Financial assets			
93.35	204.61	159.17	(i) Investments in associate	18.49	18.38	19.28
107.91	100.86	0.14	0.14 (ii) Deposits under site restoration fund		72.56	68.53
			112.50			-
154.68	132.62	112.59	(iii) Other financial assets	0.06	0.06	0.06
0.96	0.98	1.33	(f) Income tax assets (net)	6.06	3.76	
E//6 10	22E 0E	170 7F	(6)		0.21	0.55
340.18	333.03	1/0./5				226.74
			(a) Inventories	80.94	7.65	36.10
270.84	152.73	94.52	` '			
			. ,			45.38
116.51	37.92	31.94	` '			31.07
80.54	133.27	33.48	· ·			46.89
			` '			24.63
0.30	0.20	13.19	(v) Other financial assets	63.64	39.56	28.54
	947.21 132.26 814.95 356.90 93.35 107.91 154.68 0.96 546.18	947.21       753.12         132.26       132.26         814.95       620.86         356.90       439.07         93.35       204.61         107.91       100.86         154.68       132.62         0.96       0.98         546.18       335.05         270.84       152.73         116.51       37.92         80.54       133.27	947.21       753.12       733.17         132.26       132.26       132.26         814.95       620.86       600.91         356.90       439.07       273.23         93.35       204.61       159.17         107.91       100.86       0.14         154.68       132.62       112.59         0.96       0.98       1.33         546.18       335.05       178.75         270.84       152.73       94.52         116.51       37.92       31.94         80.54       133.27       33.48	ASSETS   Non-Current Asset	ASSETS   Non-Current Asset   1,381.51	Massets   Non-Current Asset   1,381.51   1,387.44   132.26   132.26   132.26   132.26   132.26   132.26   (i) Oil & gas assets   799.61   296.55   (ii) Others   434.06   201.13   (b) Capital work in progress   31.54   782.01   (c) Investment property   2.92   3.07   (d) Intangible assets   9.86   9.71   (e) Financial assets   (i) Investments in associate   18.49   18.38   (ii) Deposits under site restoration fund   77.75   72.56   (iii) Other bank balances   1.09   - ((iii) Other bank balances   1.09   - (((ii) Other bank balances   1.09   - (((ii) Other bank balances   1.09   - ((((ii) Other bank balances   1.09   - (((((ii) Other bank balances   1.09   - ((((((((((((((((((((((((((((((((((

5.62

1,185.15

(c) Income tax assets (net)

(d) Other Current Assets

**GRAND TOTAL - ASSETS** 

7.36

6.77

1,185.15

14.48

1,850.29

10.68

1,527.24

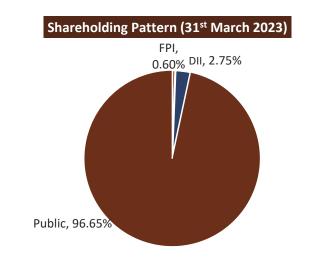
# Capital Market Data





Price Data (As on 31st March 2023)	
MP (INR)	120.10
52 Week H/L (INR)	226.45/115.90
Avg. Net Turnover (INR Mn)	130.68
Market Cap (INR Mn)	18,170.23
Equity Shares Outstanding (Mn)	132.24

Marquee Investors	% Holding
Housing Development Finance Corporation Ltd (HDFC)	6.40%
Kotak Small Cap Fund	1.62%





## **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

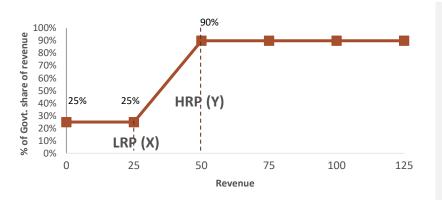


Block		AAP-ON-94/1	PY-1*	PY-3*	North Balol	Kharsang*	CB-ON-7	Asjol*
Royalty	Gas	10%	10%	10%	10%	-	-	-
KOyaity	Oil/Cond	20%	-	10%	-	20%	20%	20%
Cess	Oil/Cond	20%	20%	20%	0%	20%	20%	20%
Cost Recovery Limit		80%	100%	100%	80%	100%	60%	100%
			Investment M	ultiple (Govt. Sh	are Percentages	5)		
<1		0%	10%	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

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Email: hoec@valoremadvisors.com

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THANK YOU