

Indian Oil

Refer to important disclosures at the end of this report

LPG subsidy restricts Q2 losses, GRMs better, valuations reasonable

- IOCL reported Q2FY23 S/A adj. (ex-subsidy) EBITDA loss of Rs57.1bn vs. our loss est. of Rs86.8bn on better-than-expected GRMs. Adj. net loss stood at Rs82bn (vs. Rs107.9bn loss est). One-time LPG subsidy of Rs108bn led to reported net loss narrowing to Rs2.4bn.
- Reported/core GRM was USD18.5/bbl each (vs. USD7.6/14.0 est.), implying surprisingly nil inventory loss. While marketing inventory loss is undisclosed, implied blended margin could be negative Rs5/kg+ (vs. -Rs2.3 est.) with a sizeable miss in non-auto LPG margins.
- The marketing margin miss, nil refining inventory loss, and treatment of windfall taxes are unclear; and with continuing auto fuel RSP freeze and limited subsidy, FY23 earnings look clouded. Pricing should, however normalize post-Gujarat elections and inflation easing.
- We have cut FY23E EPS by 33%, building higher marketing losses, lower petchem earnings, and forex losses (FY24/25E slightly changed). We have cut our Sept-23E TP by 5% to Rs85 but retain Buy on a reasonable valuation of 0.7x PB. We expect a better H2.

Highlights: Employee costs were 20% below our estimate at Rs21.9bn, while other expenditure rose 20% yoy/6% qoq to Rs111.3bn (3% above est.). Other income rose 73% yoy to Rs22bn, while forex loss was high at Rs30.5bn in Q2. Interest cost fell 16% qoq to Rs14.4bn, though gross debt was up 29% qoq at Rs1.40trn on higher working capital needs. Petchem EBIT loss was Rs1.3bn (vs. +Rs2.9bn est.), with volume down 17% qoq. Refinery utilization stood at 91% in Q2 due to turnaround. High sulfur crude share fell from 58-60% to 55% in Q2. IOCL's domestic sales volume was up 14% yoy vs. 10% for the industry with petrol/diesel up 15%/24% vs. 9%/11%. Exports were down during the quarter. Q2FY23 capex stood at Rs79bn as per PPAC. Core EPS remained negative in Q2.

Guidance: There was not much RTP benefit from windfall taxes as IOCL only procures some volumes from CPCL in the domestic market. Results were impacted by slump in marketing margins. Capex target remains unchanged.

Outlook: FY23 earnings outlook remains cloudy and we have lowered our estimates but directionally building some profits for the year. Marketing under-recovery on diesel persists at Rs10-12/ltr; hence, RSP hikes are required. We believe pricing should normalize post-Gujarat elections. With a counter-cyclical international propane-butane pricing this time, LPG margins have turned positive. We have raised our GRM assumptions for FY23 while lowering marketing and petchem earnings. We stay constructive on OMCs on reasonable valuations at 0.7x S/A PB and potential recovery in marketing margins and expecting significantly better overall earnings in H2FY23.

Valuation: We value IOCL on SOTP basis, with core business at 5.5x Sep-24E EV/EBITDA (unchanged) and investments at 30% holdco discount. We retain our Buy rating on the stock. Key risks: Adverse commodity prices and margins/currency/polices and project issues.

Please see our sector model portfolio (Emkay Alpha Portfolio): [Oil & Gas \(Page 8\)](#)

Financial Snapshot (Standalone)

(Rs mn)	FY21	FY22	FY23E	FY24E	FY25E
Net Sales	37,49,811	59,43,059	86,99,457	76,53,251	69,11,408
EBITDA	3,92,663	4,47,142	1,95,993	3,63,709	3,78,694
EBITDA Margin (%)	10.4	7.5	2.2	4.7	5.4
APAT	2,27,201	2,42,118	71,797	1,69,660	1,70,071
EPS (Rs)	24.7	26.4	5.2	12.3	12.3
EPS (% chg)	283.4	6.6	(80.2)	136.3	0.2
ROE (%)	22.2	20.0	5.4	12.1	11.4
P/E (x)	2.8	2.6	13.1	5.6	5.5
EV/EBITDA (x)	3.9	3.9	10.6	5.9	5.7
P/BV (x)	0.6	0.5	0.7	0.7	0.6

Source: Company, Emkay Research

CMP	Target Price
Rs 68 as of (October 30, 2022)	Rs 85 (▼) 12 months
Rating	Upside
BUY (■)	24.4 %

Change in Estimates

EPS Chg FY23E/FY24E (%)	(33)/(1)
Target Price change (%)	(5.4)
Target Period (Months)	12
Previous Reco	BUY

Emkay vs Consensus

EPS Estimates		
	FY23E	FY24E
Emkay	5.2	12.3
Consensus	8.2	12.9
Mean Consensus TP (12M)	Rs 85	

Stock Details

Bloomberg Code	IOCL IN
Face Value (Rs)	10
Shares outstanding (mn)	14,121
52 Week H/L	95 / 65
M Cap (Rs bn/USD bn)	967 / 11.72
Daily Avg Volume (nos.)	1,74,23,190
Daily Avg Turnover (US\$ mn)	14.8

Shareholding Pattern Jul '22

Promoters	51.5%
FIIIs	8.2%
DIIIs	11.5%
Public and Others	28.8%

Price Performance

(%)	1M	3M	6M	12M
Absolute	4	(5)	(21)	(20)
Rel. to Nifty	(1)	(10)	(23)	(20)

Relative price chart



Source: Bloomberg

This report is solely produced by Emkay Global. The following person(s) are responsible for the production of the recommendation:

Sabri Hazarika

sabri.hazarika@emkayglobal.com
+91 22 6612 1282

Harsh Maru

harsh.maru@emkayglobal.com
+91 22 6612 1336

Exhibit 1: Actuals vs. Estimates (Q2FY23)

Rs bn	Actual	Estimates (Emkay)	Consensus Estimates (Bloomberg)	Variation		Comments
				Emkay	Consensus	
Total Revenue	19,66,843	18,74,051	19,15,978	5%	3%	
Adjusted EBITDA	(57,054)	(86,786)	(51,783)	-34%	10%	Better-than-expected GRMs
EBITDA Margin (%)	-2.9%	-4.6%	-2.7%	173bps	-193bps	
Adjusted Net Profit	(82,001)	(1,07,905)	(53,882)	-24%	NM	Higher other income and lower finance costs

Source: Company, Emkay Research; Note – LPG subsidy of Rs108bn is adjusted in AEBITDA and APAT

Exhibit 2: Detailed quarterly summary

Rs mn	Q2FY22	Q3FY22	Q4FY22	Q1FY23	Q2FY23	YoY	QoQ	H1FY22	H1FY23	YoY
Revenue	13,54,105	16,67,882	17,72,873	22,42,526	19,66,843	45%	-12%	25,40,810	42,09,369	66%
COGS	11,23,605	14,39,701	15,03,918	20,65,991	18,90,692	68%	-8%	20,88,487	39,56,683	89%
Gross Profit	2,30,500	2,28,181	2,68,956	1,76,535	76,151	-67%	-57%	4,52,323	2,52,686	-44%
Opex	1,19,605	1,34,080	1,40,970	1,29,615	1,33,206	11%	3%	2,25,659	2,62,820	16%
Total Expenditure	12,43,210	15,73,781	16,44,888	21,95,606	20,23,897	63%	-8%	23,14,147	42,19,503	82%
EBITDA	1,10,895	94,100	1,27,986	46,920	(57,054)	-151%	-222%	2,26,663	(10,134)	-104%
Depreciation	27,057	27,787	28,873	28,471	29,617	9%	4%	53,399	58,088	9%
Interest	9,857	9,791	16,072	17,247	14,410	46%	-16%	22,427	31,657	41%
Other Income	12,730	13,753	9,517	6,837	21,984	73%	222%	18,366	28,821	57%
Exceptional Items	(4,687)	4,671	(1,740)	(3,961)	1,07,185			(3,294)	1,03,224	
Forex Gain/(Losses)	1,680	(150)	(9,970)	(29,370)	(30,530)			(4,220)	(59,900)	
PBT	83,703	74,796	80,847	(25,292)	(2,442)			1,61,688	(27,735)	-117%
Tax	20,103	16,188	20,628	(5,367)	281			38,674	(5,086)	-113%
PAT	63,600	58,608	60,219	(19,925)	(2,724)			1,23,014	-22,649	-118%
Adjusted PAT	67,162	54,948	61,515	(16,805)	(82,001)			1,25,514	(98,806)	-179%
Adjusted EPS (Rs)	7.3	6.0	6.7	(1.8)	(6.0)			13.7	(7.8)	-157%
Tax Rate	24%	22%	26%	21%	-12%			24%	18%	
Core EBITDA*	79,895	1,57,100	(1,24,015)	720	(58,054)			1,05,663	(57,334)	-154%
Core PAT*	41,671	99,690	(1,19,263)	(28,545)	(59,913)			36,055	(88,457)	-345%
Core EPS (Rs)*	4.5	10.9	(13.0)	(3.1)	(4.4)			3.9	(7.5)	-290%
Refining Volumes (mmt)	15.3	17.4	18.3	18.9	16.1	5%	-15%	32.0	35.0	9%
Reported GRM (USD/bbl)	6.6	12.0	18.5	31.8	18.5	182%	-42%	6.6	25.7	291%
Core GRM (USD/bbl)*	4.5	9.4	13.0	25.3	18.5		-27%	3.3	22.2	581%
Adjusted Refining EBITDA*	18,600	76,080	1,55,899	3,10,891	1,42,439		-54%	49,420	4,53,330	
Marketing Volumes (mmt)	20.2	22.6	23.3	24.6	22.4	11%	-9%	40.5	47.1	16%
Diesel	7.3	8.7	8.8	10.4	9.0	24%	-13%	15.2	19.4	28%
Petrol	3.1	3.2	3.2	3.7	3.6	15%	-2%	5.9	7.3	24%
Marketing Margin (Rs/mt)*	6,402	7,783	(6,343)	(7,015)	(5,558)			5,017	(6,321)	
Adjusted Marketing EBITDA*	41,040	(17,743)	(52,713)	(2,86,771)	(2,17,793)			89,655	(5,04,564)	
Marketing Inventory Gain/(Losses)*	14,000	(88,000)	1,96,000	(22,800)	1,000			64,000	(21,800)	
Pipeline Volumes (mmt)	19.5	21.8	22.1	24.6	23.6	21%	-4%	39.4	48.3	23%
Pipeline EBITDA*	14,500	16,490	17,000	18,000	17,500	21%	-3%	30,240	35,500	17%
Petchem EBITDA*	18,120	9,820	7,800	4,800	800	-96%	-83%	38,010	5,600	-85%
Gross Debt	8,40,020	8,83,230	11,07,990	10,89,000	14,03,220	67%	29%	8,40,020	14,03,220	67%
Implied Net Debt	7,55,128	7,95,844	10,17,330	10,00,051	13,15,982	74%	32%	7,55,128	13,15,982	74%
Net Under-recovery	-	-	-	-	-			-	-	-

Source: Company, Emkay Research

*Note: IOCL discontinued reporting marketing inventory gain/loss figures; hence, these are estimates. It discontinued segmental EBITDA reporting as well from Q4FY22.

Exhibit 3: Change in assumptions

	FY23E			FY24E			FY25E		
	Previous	Revised	Variance	Previous	Revised	Variance	Previous	Revised	Variance
GRM (USD/bbl)	16.5	18.0	9%	8.0	8.0	0%	7.0	7.0	0%
Marketing Margin (Rs/mt)	732	-1,114	-252%	4,722	4,494	-5%	5,145	5,035	-2%
Growth	-80.9%	-152.5%	NM	545.3%	-503.4%	NM	9.0%	12.0%	309bps
Marketing Sales (mmt)	96	97	0%	100	99	-1%	103	102	0%
Growth	11.6%	11.8%	20bs	3.5%	2.7%	-75bps	2.7%	2.8%	10bps

Source: Company, Emkay Research

Exhibit 4: Change in estimates

(Rs bn)	FY23E			FY24E			FY25E		
	Previous	Revised	Variance	Previous	Revised	Variance	Previous	Revised	Variance
Revenue	9,143	8,742	-4%	6,502	7,696	18%	6,221	6,955	12%
EBITDA	309	196	-37%	377	364	-4%	382	379	-1%
EBITDA Margin	3.4%	2.2%	-114bps	5.8%	4.7%	-107bps	6.1%	5.4%	-70bps
PAT	107	72	-33%	172	170	-1%	167	170	2%
EPS (Rs)	7.7	5.2	-33%	12.5	12.3	-1%	12.1	12.3	2%

Source: Company, Emkay Research

Valuation**Exhibit 5: SOTP Valuation – Sep'23E**

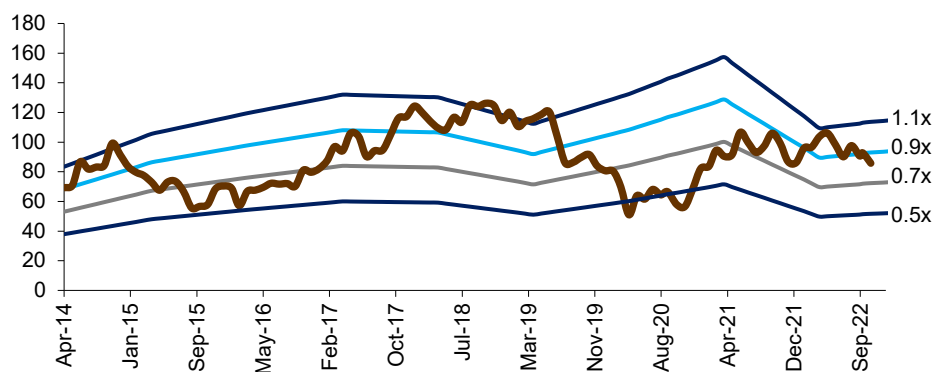
Components	Basis	Sept'24 EBITDA	Multiple(x)	EV (Rs bn)	EV/Sh (Rs)	Comments
Refining Standalone	EV/EBITDA	207	5.5	1,141	83	
Pipelines Standalone	EV/EBITDA	74	5.5	406	29	
Petrochemicals Standalone	EV/EBITDA	35	5.5	194	14	
Marketing Standalone	EV/EBITDA	55	5.5	301	22	
Core Business EV		371	5.5	2,042	148	Blended Multiple at 5.5x
Less: Adj. Net Debt (Sept'23 End)				1,082	79	
Core Business Valuation				960	70	
Value of Investments	TP/CMP			213	15	At 30% holdco discount
Target Price-Fair Value					85	

Source: Company, Emkay Research

Exhibit 6: Schedule and Value of Investments (Sep-23E Valuation)

Listed	Type	Basis of Valuation	TP/CMP (Rs/sh)	Equity Value (Rs bn)	IOCL Stake	Pro-rata Value (Rs bn)	Holdco Discount	Contr. to SOTP (Rs bn)	Per Share Value (Rs)
CPCL	Subsidiary	CMP*1.12x	242	36	51.9%	19	30%	13	1.0
Lanka IOC	Subsidiary	CMP*1.12x	48	22	75.1%	16	30%	12	0.8
PLNG	JV	TP (Emkay)	260	390	12.5%	49	30%	34	2.5
ONGC	Financial	TP (Emkay)	190	2,390	7.8%	187	30%	131	9.5
GAIL	Financial	TP (Emkay)	120	789	2.4%	19	30%	13	1.0
Oil India	Financial	TP (Emkay)	260	282	4.9%	14	30%	10	0.7
Total Listed						304		213	15.5

Source: Company, Emkay Research; *1.12x is taken as one-year forward over CMP

Exhibit 7: IOCL's P/B band chart

Source: Company, Emkay Research

Key Financials (Standalone)**Income Statement**

Y/E March (Rs mn)	FY21	FY22	FY23E	FY24E	FY25E
Net Sales	37,49,811	59,43,059	86,99,457	76,53,251	69,11,408
Expenditure	33,87,913	55,34,496	85,45,900	73,32,402	65,76,431
EBITDA	3,92,663	4,47,142	1,95,993	3,63,709	3,78,694
Depreciation	98,043	1,10,059	1,15,974	1,30,253	1,47,935
EBIT	2,94,620	3,37,083	80,019	2,33,456	2,30,759
Other Income	33,963	43,243	47,580	49,686	51,882
Interest expenses	30,939	48,291	69,624	56,324	55,274
PBT	2,97,644	3,32,034	57,975	2,26,818	2,27,367
Tax	69,955	75,213	19,188	57,158	57,297
Extraordinary Items	(487)	(14,703)	33,010	0	0
Minority Int./Income from Assoc.	0	0	0	0	0
Reported Net Income	2,18,360	2,41,841	68,057	1,69,660	1,70,071
Adjusted PAT	2,27,201	2,42,118	71,797	1,69,660	1,70,071

Balance Sheet

Y/E March (Rs mn)	FY21	FY22	FY23E	FY24E	FY25E
Equity share capital	91,810	91,810	1,37,716	1,37,716	1,37,716
Reserves & surplus	10,13,190	12,21,053	12,15,982	13,05,902	13,94,339
Net worth	11,05,000	13,12,864	13,53,698	14,43,617	15,32,054
Minority Interest	0	0	0	0	0
Loan Funds	10,23,275	11,94,628	12,24,628	12,84,628	12,94,628
Net deferred tax liability	1,29,647	1,36,274	1,31,274	1,26,374	1,21,572
Total Liabilities	22,57,923	26,43,765	27,09,599	28,54,619	29,48,254
Net block	14,33,999	14,68,888	15,39,073	17,37,206	18,98,100
Investment	4,86,194	5,77,866	5,84,422	5,91,058	5,97,776
Current Assets	10,89,826	13,92,176	19,85,439	17,63,922	16,07,012
Cash & bank balance	16,684	8,830	7,355	9,825	11,327
Other Current Assets	78,660	96,606	97,572	98,547	99,533
Current liabilities & Provision	10,82,618	12,39,626	18,88,241	16,28,691	14,67,534
Net current assets	7,208	1,52,550	97,198	1,35,230	1,39,477
Misc. exp	0	0	0	0	0
Total Assets	22,57,923	26,43,765	27,09,599	28,54,619	29,48,254

Cash Flow

Y/E March (Rs mn)	FY21	FY22	FY23E	FY24E	FY25E
PBT (Ex-Other income) (NI+Dep)	2,63,681	2,88,792	10,395	1,77,132	1,75,485
Other Non-Cash items	31,335	(27,768)	33,010	0	0
Chg in working cap	2,10,790	(1,46,570)	48,877	(40,462)	(7,547)
Operating Cashflow	4,87,840	2,11,773	2,54,951	2,66,089	3,13,851
Capital expenditure	(2,28,368)	(2,58,888)	(2,30,605)	(2,30,605)	(2,30,605)
Free Cash Flow	2,59,472	(47,114)	24,347	35,484	83,246
Investments	(94,809)	(91,672)	(6,555)	(6,636)	(6,718)
Other Investing Cash Flow	78,637	1,06,349	0	0	0
Investing Cashflow	(2,10,577)	(2,00,968)	(1,89,579)	(1,87,555)	(1,85,441)
Equity Capital Raised	0	0	45,905	0	0
Loans Taken / (Repaid)	(1,42,175)	1,71,353	30,000	60,000	10,000
Dividend paid (incl tax)	(83,832)	(1,08,960)	(27,223)	(79,740)	(81,634)
Other Financing Cash Flow	(9,524)	(32,762)	(45,905)	0	0
Financing Cashflow	(2,66,470)	(18,659)	(66,847)	(76,064)	(1,26,908)
Net chg in cash	10,793	(7,854)	(1,475)	2,470	1,502
Opening cash position	5,891	16,684	8,830	7,355	9,825
Closing cash position	16,684	8,829	7,355	9,825	11,327

Source: Company, Emkay Research

This report is intended for team.emkay@whitemarquesolutions.com use and downloaded at 10/31/2022 04:52 PM

Emkay Research is also available on www.emkayglobal.com and Bloomberg EMKAY<GO>. Please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore.

Key Ratios

Profitability (%)	FY21	FY22	FY23E	FY24E	FY25E
EBITDA Margin	10.4	7.5	2.2	4.7	5.4
EBIT Margin	7.8	5.6	0.9	3.0	3.3
Effective Tax Rate	23.5	22.7	33.1	25.2	25.2
Net Margin	6.0	4.3	0.4	2.2	2.4
ROCE	14.7	15.5	4.8	10.2	9.7
ROE	22.2	20.0	5.4	12.1	11.4
RoIC	15.3	17.2	3.3	10.0	8.9

Per Share Data (Rs)	FY21	FY22	FY23E	FY24E	FY25E
EPS	24.7	26.4	5.2	12.3	12.3
CEPS	35.4	38.4	13.6	21.8	23.1
BVPS	120.4	143.0	98.3	104.8	111.2
DPS	12.0	12.6	2.0	5.8	5.9

Valuations (x)	FY21	FY22	FY23E	FY24E	FY25E
PER	2.8	2.6	13.1	5.6	5.5
P/CEPS	1.9	1.8	5.0	3.1	3.0
P/BV	0.6	0.5	0.7	0.7	0.6
EV / Sales	0.4	0.3	0.2	0.3	0.3
EV / EBITDA	3.9	3.9	10.6	5.9	5.7
Dividend Yield (%)	17.5	18.4	2.9	8.5	8.7

Gearing Ratio (x)	FY21	FY22	FY23E	FY24E	FY25E
Net Debt/ Equity	0.8	0.8	0.8	0.8	0.8
Net Debt/EBITDA	2.3	2.5	5.8	3.3	3.2
Working Cap Cycle (days)	52.2	46.0	46.0	46.0	46.0

Growth (%)	FY21	FY22	FY23E	FY24E	FY25E
Revenue	(22.0)	58.5	46.4	(12.0)	(9.7)
EBITDA	70.3	13.9	(56.2)	85.6	4.1
EBIT	106.1	14.4	(76.3)	191.8	(1.2)
PAT	1,562.8	10.8	(71.9)	149.3	0.2

Quarterly (Rs mn)	Q2FY22	Q3FY22	Q4FY22	Q1FY23	Q2FY23
Revenue	13,54,105	16,67,882	17,72,873	22,42,526	19,66,843
EBITDA	1,10,895	94,100	1,27,986	46,920	(57,054)
EBITDA Margin (%)	8.2	5.6	7.2	2.1	(2.9)
PAT	63,600	58,608	60,219	(19,925)	(2,724)
EPS (Rs)	6.9	6.4	6.6	(2.2)	(0.2)

Source: Company, Emkay Research

Shareholding Pattern (%)	Sep-21	Dec-21	Mar-22	Jun-22	Jul-22
Promoters	51.5	51.5	51.5	51.5	51.5
FII	7.2	7.9	8.4	8.2	8.2
DII	4.6	12.5	11.3	11.5	11.5
Public and Others	36.7	28.1	28.8	28.8	28.8

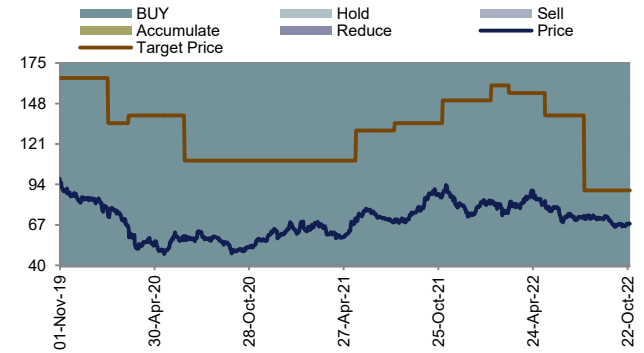
Source: Capitaline

RECOMMENDATION HISTORY TABLE

Date	Closing Price	TP	Period (months)	Rating	Analyst
07-Sep-22	71	90	12m	Buy	Sabri Hazarika
31-Jul-22	73	90	12m	Buy	Sabri Hazarika
15-Jul-22	70	140	12m	Buy	Sabri Hazarika
28-Jun-22	72	140	12m	Buy	Sabri Hazarika
22-May-22	78	140	12m	Buy	Sabri Hazarika
17-May-22	83	140	12m	Buy	Sabri Hazarika
09-Mar-22	78	155	12m	Buy	Sabri Hazarika
03-Feb-22	83	160	12m	Buy	Sabri Hazarika
25-Dec-21	74	150	12m	Buy	Sabri Hazarika
23-Nov-21	84	150	12m	Buy	Sabri Hazarika
02-Nov-21	87	150	12m	Buy	Sabri Hazarika
02-Aug-21	70	135	12m	Buy	Sabri Hazarika
26-Jul-21	70	130	12m	Buy	Sabri Hazarika
23-Jun-21	75	130	12m	Buy	Sabri Hazarika
29-May-21	73	130	12m	Buy	Sabri Hazarika
20-May-21	70	130	12m	Buy	Sabri Hazarika
23-Apr-21	59	110	12m	Buy	Sabri Hazarika
23-Mar-21	65	110	12m	Buy	Sabri Hazarika
18-Mar-21	65	110	12m	Buy	Sabri Hazarika
26-Nov-20	57	110	12m	Buy	Sabri Hazarika
03-Oct-20	49	110	12m	Buy	Sabri Hazarika
28-Sep-20	50	110	12m	Buy	Sabri Hazarika
23-Sep-20	51	110	12m	Buy	Sabri Hazarika
04-Aug-20	58	110	12m	Buy	Sabri Hazarika
26-Jun-20	59	110	12m	Buy	Sabri Hazarika
03-Jun-20	58	140	12m	Buy	Sabri Hazarika
06-May-20	51	140	12m	Buy	Sabri Hazarika
11-Mar-20	65	140	12m	Buy	Sabri Hazarika
01-Feb-20	73	135	12m	Buy	Sabri Hazarika
24-Jan-20	80	165	12m	Buy	Sabri Hazarika
04-Dec-19	85	165	12m	Buy	Sabri Hazarika
01-Nov-19	95	165	12m	Buy	Sabri Hazarika

Source: Company, Emkay Research

RECOMMENDATION HISTORY CHART



Source: Bloomberg, Company, Emkay Research

Emkay Alpha Portfolio – Oil & Gas



Analyst: Sabri Hazarika

Contact Details

sabri.hazarika@emkayglobal.com
+91 22 6612 1282

Sector

Oil & Gas

Analyst bio

Sabri Hazarika holds an MBA and comes with 12 years of research experience. His team currently covers 12 stocks in the Indian Oil & Gas space.

EAP sector portfolio

Company Name	BSE200 Weight	EAP Weight	OW/UW (%)	OW/UW (bps)	EAP Weight based on Current NAV	Change vs last published EAP (bps)
Oil & Gas	9.79	9.71	-1%	-7	100.00	
BPCL	0.28	0.30	9%	2	3.07	0
GAIL	0.22	0.24	9%	2	2.43	18
Gujarat Gas	0.08	0.08	-7%	-1	0.80	0
Gujarat State Petronet	0.00	0.01	NA	1	0.10	0
Gulf Oil Lubricants	0.00	0.00	NA	0	0.00	0
HPCL	0.13	0.14	9%	1	1.42	0
Indian Oil	0.25	0.27	9%	2	2.75	0
Indraprastha Gas	0.14	0.16	14%	2	1.65	0
Petronet LNG	0.14	0.14	-1%	0	1.45	0
Oil India	0.06	0.07	16%	1	0.75	0
ONGC	0.49	0.56	15%	7	5.70	-15
Reliance Industries	8.00	7.74	-3%	-26	79.12	0
Cash	0.00	0.07	NA	7	0.76	-4

Source: Emkay Research

■ High Conviction/Strong Over Weight ■ High Conviction/Strong Under Weight

Sector portfolio NAV

	Base					Latest
	1-Apr-19	27-Oct-21	28-Apr-22	29-Jul-22	28-Sep-22	27-Oct-22
EAP - Oil & Gas	100.0	163.6	171.2	152.0	141.5	148.1
BSE200 Neutral Weighted Portfolio (ETF)	100.0	162.7	170.1	151.0	140.6	147.2

*Performance measurement base date 1st April 2019

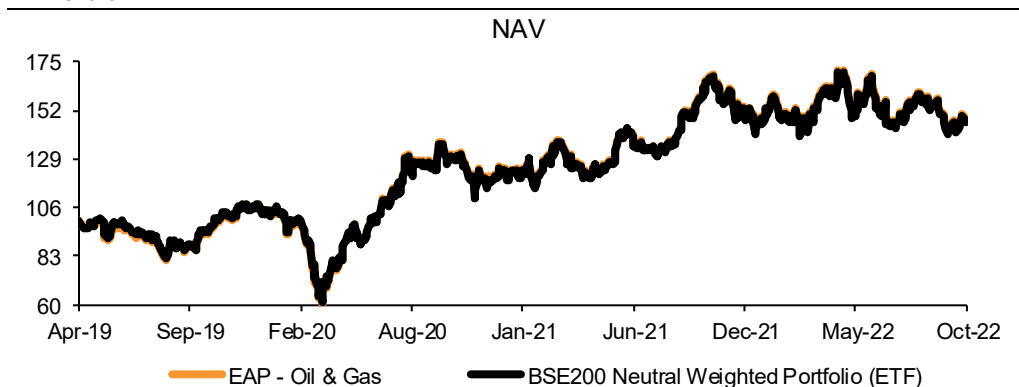
Source: Emkay Research

Price Performance (%)

	1m	3m	6m	12m
EAP - Oil & Gas	4.6%	-2.6%	-13.5%	-9.5%
BSE200 Neutral Weighted Portfolio (ETF)	4.7%	-2.5%	-13.5%	-9.5%

Source: Emkay Research

NAV chart



Source: Emkay Research

Please see our model portfolio (Emkay Alpha Portfolio): [Nifty](#)

Please see our model portfolio (Emkay Alpha Portfolio): [SMID](#)

“Emkay Alpha Portfolio – SMID and Nifty are a supporting document to the Emkay Alpha Portfolios Report and is updated on regular intervals”

Emkay Rating Distribution

Ratings	Expected Return within the next 12-18 months.
BUY	Over 15%
HOLD	Between -5% to 15%
SELL	Below -5%

Completed Date: 30 Oct 2022 23:27:12 (SGT)
Dissemination Date: 30 Oct 2022 23:28:12 (SGT)

Sources for all charts and tables are Emkay Research unless otherwise specified.

GENERAL DISCLOSURE/DISCLAIMER BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Emkay Global Financial Services Limited (CIN-L67120MH1995PLC084899) and its affiliates are a full-service, brokerage, investment banking, investment management and financing group. Emkay Global Financial Services Limited (EGFSL) along with its affiliates are participants in virtually all securities trading markets in India. EGFSL was established in 1995 and is one of India's leading brokerage and distribution house. EGFSL is a corporate trading member of Bombay Stock Exchange Limited (BSE), National Stock Exchange of India Limited (NSE), MCX Stock Exchange Limited (MCX-SX). EGFSL along with its subsidiaries offers the most comprehensive avenues for investments and is engaged in the businesses including stock broking (Institutional and retail), merchant banking, commodity broking, depository participant, portfolio management, insurance broking and services rendered in connection with distribution of primary market issues and financial products like mutual funds, fixed deposits. Details of associates are available on our website i.e. www.emkayglobal.com

EGFSL is registered as Research Analyst with SEBI bearing registration Number INH000000354 as per SEBI (Research Analysts) Regulations, 2014. EGFSL hereby declares that it has not defaulted with any stock exchange nor its activities were suspended by any stock exchange with whom it is registered in last five years, except that NSE had disabled EGFSL from trading on October 05, October 08 and October 09, 2012 for a manifest error resulting into a bonafide erroneous trade on October 05, 2012. However, SEBI and Stock Exchanges have conducted the routine inspection and based on their observations have issued advice letters or levied minor penalty on EGFSL for certain operational deviations in ordinary/routine course of business. EGFSL has not been debarred from doing business by any Stock Exchange / SEBI or any other authorities; nor has its certificate of registration been cancelled by SEBI at any point of time.

EGFSL offers research services to clients as well as prospects. The analyst for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

Other disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) covered in this report

EGFSL and/or its affiliates may seek investment banking or other business from the company or companies that are the subject of this material. Emkay may have issued or may issue other reports that are inconsistent with and reach different conclusion from the information, recommendations or information presented in this report or are contrary to those contained in this report. Emkay Investors may visit www.emkayglobal.com to view all Research Reports. The views and opinions expressed in this document may or may not match or may be contrary with the views, estimates, rating, and target price of the research published by any other analyst or by associate entities of Emkay; our proprietary trading, investment businesses or other associate entities may make investment decisions that are inconsistent with the recommendations expressed herein. In reviewing these materials, you should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest including but not limited to those stated herein. Additionally, other important information regarding our relationships with the company or companies that are the subject of this material is provided herein. This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or which would subject EGFSL or its group companies to any registration or licensing requirement within such jurisdiction. Specifically, this document does not constitute an offer to or solicitation to any U.S. person for the purchase or sale of any financial instrument or as an official confirmation of any transaction to any U.S. person. Unless otherwise stated, this message should not be construed as official confirmation of any transaction. No part of this document may be distributed in Canada or used by private customers in United Kingdom. All material presented in this report, unless specifically indicated otherwise, is under copyright to Emkay. None of the material, nor its content, nor any copy of it, may be altered in any way, transmitted to, copied or distributed to any other party, without the prior express written permission of EGFSL. All trademarks, service marks and logos used in this report are trademarks or registered trademarks of EGFSL or its Group Companies. The information contained herein is not intended for publication or distribution or circulation in any manner whatsoever and any unauthorized reading, dissemination, distribution or copying of this communication is prohibited unless otherwise expressly authorized. Please ensure that you have read "Risk Disclosure Document for Capital Market and Derivatives Segments" as prescribed by Securities and Exchange Board of India before investing in Indian Securities Market. In so far as this report includes current or historic information, it is believed to be reliable, although its accuracy and completeness cannot be guaranteed.

- This publication has not been reviewed or authorized by any regulatory authority. There is no planned schedule or frequency for updating research publication relating to any issuer.
- Please contact the primary analyst for valuation methodologies and assumptions associated with the covered companies or price targets

Disclaimer for U.S. persons only: This research report is a product of Emkay Global Financial Services Limited (Emkay), which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of Financial Institutions Regulatory Authority (FINRA) or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account. This report is intended for distribution to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a-6(a)(2). If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person, which is not the Major Institutional Investor. In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors.

ANALYST CERTIFICATION BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL)

The research analyst(s) primarily responsible for the content of this research report, in part or in whole, certifies that the views about the companies and their securities expressed in this report accurately reflect his/her personal views. The analyst(s) also certifies that no part of his/her compensation was, is, or will be, directly or indirectly, related to specific recommendations or views expressed in the report. The research analyst (s) primarily responsible of the content of this research report, in part or in whole, certifies that he or his associate¹ does not serve as an officer, director or employee of the issuer or the new listing applicant (which includes in the case of a real estate investment trust, an officer of the management company of the real estate investment trust; and in the case of any other entity, an officer or its equivalent counterparty of the entity who is responsible for the management of the issuer or the new listing applicant). The research analyst(s) primarily responsible for the content of this research report or his associate does not have financial interests² in relation to an issuer or a new listing applicant that the analyst reviews. EGFSL has procedures in place to eliminate, avoid and manage any potential conflicts of interests that may arise in connection with the production of research reports. The research analyst(s) responsible for this report operates as part of a separate and independent team to the investment banking function of the EGFSL and procedures are in place to ensure that confidential information held by either the research or investment banking function is handled appropriately. There is no direct link of EGFSL compensation to any specific investment banking function of the EGFSL.

¹ An associate is defined as (i) the spouse, or any minor child (natural or adopted) or minor step-child, of the analyst; (ii) the trustee of a trust of which the analyst, his spouse, minor child (natural or adopted) or minor step-child, is a beneficiary or discretionary object; or (iii) another person accustomed or obliged to act in accordance with the directions or instructions of the analyst.

² Financial interest is defined as interest that are commonly known financial interest, such as investment in the securities in respect of an issuer or a new listing applicant, or financial accommodation arrangement between the issuer or the new listing applicant and the firm or analysis. This term does not include commercial lending conducted at the arm's length, or investments in any collective investment scheme other than an issuer or new listing applicant notwithstanding the fact that the scheme has investments in securities in respect of an issuer or a new listing applicant.

COMPANY-SPECIFIC / REGULATORY DISCLOSURES BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) covered in this report:-

1. EGFSL, its subsidiaries and/or other affiliates do not have a proprietary position in the securities recommended in this report as of October 30, 2022
2. EGFSL, and/or Research Analyst does not market make in equity securities of the issuer(s) or company(ies) mentioned in this Research Report
3. **Disclosure of previous investment recommendation produced:** EGFSL may have published other investment recommendations in respect of the same securities / instruments recommended in this research report during the preceding 12 months. Please contact the primary analyst listed in the first page of this report to view previous investment recommendations published by EGFSL in the preceding 12 months.
4. EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her relative's does not have any material conflict of interest in the securities recommended in this report as of October 30, 2022.
5. EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her relative's does not have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the October 30, 2022
6. EGFSL, its subsidiaries and/or other affiliates and Research Analyst have not received any compensation in whatever form including compensation for investment banking or merchant banking or brokerage services or for products or services other than investment banking or merchant banking or brokerage services from securities recommended in this report (subject company) in the past 12 months.
7. EGFSL, its subsidiaries and/or other affiliates and/or and Research Analyst have not received any compensation or other benefits from securities recommended in this report (subject company) or third party in connection with the research report.
8. Securities recommended in this report (Subject Company) has not been client of EGFSL, its subsidiaries and/or other affiliates and/or and Research Analyst during twelve months preceding the October 30, 2022

RESTRICTIONS ON DISTRIBUTION

General	This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation.
Australia	This report is not for distribution into Australia.
Hong Kong	This report is not for distribution into Hong Kong.
Indonesia	This report is being distributed in Indonesia by PT DBS Vickers Sekuritas Indonesia.
Malaysia	This report is not for distribution into Malaysia.
Singapore	This report is distributed in Singapore by DBS Bank Ltd (Company Regn. No. 16800306E) or DBSVS (Company Regn. No. 1860024G) both of which are Exempt Financial Advisers as defined in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. DBS Bank Ltd and/or DBSVS, may distribute reports produced by its respective foreign entities, affiliates or other foreign research houses pursuant to an agreement under Regulation 32C of the financial Advisers Regulations. Singapore recipients should contact DBS Bank Ltd at 6327 2288 for matters arising from, or in connection with the report.
Thailand	This report is being distributed in Thailand by DBS Vickers Securities (Thailand) Co Ltd.
United Kingdom	This report is disseminated in the United Kingdom by DBS Vickers Securities (UK) Ltd, ("DBSVUK"). DBSVUK is authorised and regulated by the Financial Conduct Authority in the United Kingdom. In respect of the United Kingdom, this report is solely intended for the clients of DBSVUK, its respective connected and associated corporations and affiliates only and no part of this document may be (i) copied, photocopied or duplicated in any form or by any means or (ii) redistributed without the prior written consent of DBSVUK. This communication is directed at persons having professional experience in matters relating to investments. Any investment activity following from this communication will only be engaged in with such persons. Persons who do not have professional experience in matters relating to investments should not rely on this communication.
Dubai International Financial Centre	This research report is being distributed by DBS Bank Ltd., (DIFC Branch) having its office at units 608-610, 6 th Floor, Gate Precinct Building 5, PO Box 506538, Dubai International Financial Centre (DIFC), Dubai, United Arab Emirates. DBS Bank Ltd., (DIFC Branch) is regulated by The Dubai Financial Services Authority. This research report is intended only for professional clients (as defined in the DFSA rulebook) and no other person may act upon it.
United Arab Emirates	This report is provided by DBS Bank Ltd (Company Regn. No. 196800306E) which is an Exempt Financial Adviser as defined in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. This report is for information purposes only and should not be relied upon or acted on by the recipient or considered as a solicitation or inducement to buy or sell any financial product. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situation, or needs of individual clients. You should contact your relationship manager or investment adviser if you need advice on the merits of buying, selling or holding a particular investment. You should note that the information in this report may be out of date and it is not represented or warranted to be accurate, timely or complete. This report or any portion thereof may not be reprinted, sold or redistributed without our written consent.
United States	DBSVUSA did not participate in its preparation. The research analyst(s) named on this report are not registered as research analysts with FINRA and are not associated persons of DBSVUSA. The research analyst(s) are not subject to FINRA Rule 2241 restrictions on analyst compensation, communications with a subject company, public appearances and trading securities held by a research analyst. This report is being distributed in the United States by DBSVUSA, which accepts responsibility for its contents. This report may only be distributed to Major U.S. Institutional Investors (as defined in SEC Rule 15a-6) and to such other institutional investors and qualified persons as DBSVUSA may authorize. Any U.S. person receiving this report who wishes to effect transactions in any securities referred to herein should contact DBSVUSA directly and not its affiliate.
Other jurisdictions	In any other jurisdictions, except if otherwise restricted by laws or regulations, this report is intended only for qualified, professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions.

Emkay Global Financial Services Ltd.

CIN - L67120MH1995PLC084899

7th Floor, The Ruby, Senapati Bapat Marg, Dadar - West, Mumbai - 400028. India

Tel: +91 22 66121212 Fax: +91 22 66121299 Web: www.emkayglobal.com