

Oil & Natural Gas

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India
Energy/Oil, Gas & Coal

ONGC IN

Change in Recommendation
2 February 2009

SO WHAT? THE BNP PARIBAS ANGLE

INDUSTRY OUTLOOK: ← →

- Valuing ONGC's domestic business at a 20% discount to global peers.
- Downgrading to HOLD on lack of positive catalyst.
- A pure play E&P company with limited growth prospects.

Net Profit 09..... INR187b
..... (From INR168b)

Diff from Consensus (17.6%)
Consensus (mean) INR227b
Consensus (momentum) ↓

Target Price INR710.00
..... (From INR821.00)

Diff from Consensus (22.4%)
Consensus (median) ... INR915.00
Consensus (momentum) ↓

Current Price.... INR654.95
Upside/(Downside)..... 8.4%

HOLD
(From Buy)

Recs in the Market

Positive.....	20
Neutral.....	2
Negative.....	4
Consensus (momentum).....	↓

Sources: Thomson One Analytics; Bloomberg; BNP Paribas estimates

- Downgrade to a HOLD on continued subsidy impact and lack of positive catalysts, TP revised from 821/sh to INR710/sh.
- Remains a defensive pick, cash will provide cushion and also assist in possible acquisitions.
- SoTP based TP of INR710/sh (Standalone: INR549/sh, OVL:INR123/sh, MRPL:INR17/sh, Investments: INR21/sh).

Not a lot to gain, downgrade to HOLD

ONGC hit by Subsidies for the second time in a row

Oil and Natural Gas Corporation (ONGC) reported its 3QFY09 earnings which were hit by an unexpectedly high subsidy burden. Net realization for the quarter was USD33.99/bbl after giving a discount of USD25.03/bbl. We were expecting net realization of USD47.37/bbl. The higher than expected subsidy burden is for a quarter in which crude prices average USD56/bbl and the resultant losses expected to be minimum at the OMCs. ONGC's Chairman made a statement saying that the government has assured ONGC that there won't be any subsidies for 4QFY09. But this seems to be too early to comment, especially in light of the recent fuel price cuts.

Loses its crude hedge, Just a pure-play E&P company

At current oil prices and the presence of low subsidies, ONGC loses its crude hedge that it enjoyed when oil prices were high and was expected to pull back. At current oil prices, ONGC becomes a pure play E&P company with small refining exposure. View this with a constant government overhang, and flat-to declining production with no meaningful discoveries coming online, there is very little room for upside in the shares of ONGC. In addition, ONGC's ability to maintain the Mumbai High production levels through use of EOR techniques is also raising the cost per barrel (We estimate costs at ~USD24/bbl). In addition, low oil prices make it commercially unviable for ONGC to produce from its marginal fields, which were under production in FY08.

Downgrade to HOLD on lack of catalysts + subsidies

We are downgrading ONGC from a BUY to a HOLD. Since our initiation, ONGC's shares have outperformed the market by 11% and it continues to be a defensive stock. We are revising our TP from INR821/sh to INR710/sh, on lower than expected reserves at ONGC Videsh (OVL) and higher-than-expected capital expenditure. We value the standalone business at 3.5x EV/EBITDA; currently global mature E&P companies trade at 4.5x EV/EBITDA. We believe the discount is warranted due to subsidy burden and nominal exploration track record. The cash of USD4.8b does provide a strong cushion to the company and might assist in M&A activities. We are valuing OVL at an EV/bbl of USD7.0, previous down cycle range for E&P companies is USD5-USD8/bbl.

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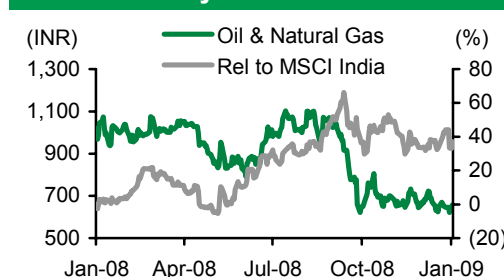
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Earnings Estimates And Valuation Ratios

YE Mar (INR m)	2008	2009E	2010E	2011E
Revenue	967,822	1,049,438	903,221	963,524
Reported net profit	198,723	187,405	175,094	177,112
Recurring net profit	199,653	186,971	175,094	177,112
Previous rec net profit	199,653	168,226	149,916	175,396
Chg from previous (%)	—	11.1	16.8	1.0
Recurring EPS (INR)	93.34	87.42	81.86	82.81
Prev rec EPS (INR)	93.34	78.65	70.09	82.00
Rec EPS growth (%)	7.5	(6.4)	(6.4)	1.2
Recurring P/E (x)	7.0	7.5	8.0	7.9
Dividend yield (%)	5.7	5.7	5.7	5.7
EV/EBITDA (x)	2.9	2.9	3.0	2.8
Price/book (x)	1.8	1.6	1.4	1.3
ROE (%)	27.6	22.4	18.7	17.1
Net debt/equity (%)	(30.4)	(22.7)	(27.5)	(29.4)

Sources: Oil & Natural Gas; BNP Paribas estimates

Share Price Daily vs MSCI



Next results/event	April 2009
Market cap (USD m)	27,930
12m avg daily turnover (USD m)	48.8
Free float (%)	10
Major shareholder	President of India (74%)
12m high/low (TWD)	1,105.40/611.80
ADR (USD)	Nil
Avg daily turnover (USD m)	Nil
Discount/premium (%)	Nil
Disc/premium vs 52-wk avg (%)	Nil

Source: Datastream

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FY10 estimates in-line with guidance

ONGC has submitted its revenue guidance for FY10 to the Petroleum Ministry. For its FY10 estimates, ONGC has assumed crude price of USD40/bbl and we believe no subsidy assumption has gone into these calculations. Our FY10 crude price house estimate is USD59.0/bbl and we assume subsidy burden of ~USD11.3/bbl, giving us a net realization of ~USD47.7/bbl.

Based on this, we estimate FY10 Standalone crude sales to be ~INR383b – 10.7% higher than the company guidance of INR346b. Our estimate is higher mainly due to our assumption of higher net realization. For FY10 Standalone natural gas sales - our estimate of INR83b is 4% higher than company guidance of INR80b.

Limited upside despite assuming no subsidies for FY10

Based on our sensitivity analysis, we see limited upside to ONGC's FY10 EPS and our SoTP-based TP even in a scenario where crude prices average USD55/bbl and ONGC does not have any subsidy burden. Assuming this scenario, which we believe is unlikely; our TP goes up by 6.8%, while our FY10E EPS shows an upside of 10.2%.

Exhibit 1: TP And FY10E EPS Sensitivity To Different Subsidy Levels

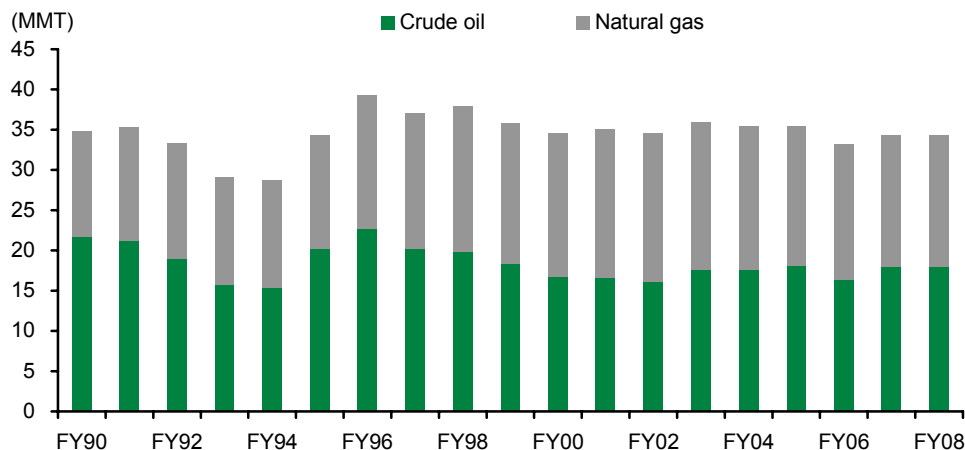
	Base case				
Gross realisation (USD/bbl)	59.0	40.0	45.0	50.0	55.0
Subsidy burden (USD/bbl)	11.3	—	—	—	—
Net realisation (USD/bbl)	47.7	40.0	45.0	50.0	55.0
Target price (INR/sh)	710	660	693	726	758
FY10 EPS (INR/sh)	81.86	64.76	73.25	81.74	90.23
Change in base case TP (%)	—	(7.1)	(2.5)	2.2	6.8
Change in base case FY10 EPS (%)	—	(20.9)	(10.5)	(0.1)	10.2

Source: BNP Paribas estimates

Production growth from Mumbai High seems unlikely

The Mumbai High field, which contributed more than 64% to ONGC's domestic crude production for FY08, has shown flat production trend in the last decade (Exhibit 2). The Mumbai High field is an old field which started production in 1976. According to original estimates, the field was expected to get exhausted by 2010-11; but implementation of an extensive Field Redevelopment Project by ONGC is now expected to extend the field life till 2030. The first phase of the plan was launched in October 2000 and completed in December 2006 and is likely to result in incremental gain of 23.25MMT of crude oil and 6.10BCM of gas by 2030. On January 28, 2009, ONGC's Board has approved the second phase of Mumbai High Redevelopment Project and this phase is scheduled to be completed by September 2012 at a cost of USD1.45b. This phase is expected to yield incremental production of 17.35MMT of crude oil and 2.99BCM of gas by 2030. While a positive, it is not meaningful when viewed in light of the life of the field.

This project also means much higher production cost for ONGC as the company will be applying Enhanced Oil Recovery techniques which result in substantially higher costs. We estimate that the production costs at Mumbai High are around USD24/bbl, which in our view is hurting ONGC's profitability considering the current level of crude prices. Secondly, as the Mumbai High field is on a decline, the implementation of this Field Redevelopment project is not expected to lead to production growth but only arrest the decline. With ONGC's largest field maturing and tapping smaller fields becoming unviable due to the sharp decline in the crude prices, we expect ONGC's overall domestic production to be flat or slightly declining till FY12.

Exhibit 2: Mumbai High Production Levels (1990-2008)

Sources: Ministry of Petroleum and Natural Gas; CMIE; BNP Paribas

Reduction in TP – Mainly driven by OVL

We have revised our TP for ONGC to INR710/sh from INR821/sh, based on SOTP (Refer to Exhibit 3 for revised SoTP). The majority of the TP decline comes from the lower value we are assigning to OVL reserves. We are valuing OVL reserves at USD7/bbl, which is at the high end of the USD5/bbl-USD8/bbl range for E&P companies in the previous downturns. In addition, we are also seeing a decline in OVL's proven reserves since FY06 due to insufficient proven reserves additions (Exhibit 4). As a result, despite adding Imperial Energy's proven reserves, the overall OVL proven reserves base shows a decline from FY07-end reserves.

For ONGC's standalone business, we maintain our EV/EBITDA of 3.5x on standalone's business FY10 EBITDA. Currently global mature E&P companies trade at 4.5x EV/EBITDA, but we believe the discount is warranted due to ONGC's subsidy burden and nominal exploration track record. Our valuation of ONGC's standalone business changes only slightly as the negative impact of our change in FY10 crude price assumptions (from USD76.5 to USD59.0) is offset by our lower-than-previous FY10 subsidy assumptions. Our DCF-based valuation for MRPL declines to INR17/share from INR25/share, to account for the sharp decline in GRMs that simple refiners such as MRPL are facing.

Exhibit 3: SoTP Valuation For ONGC

(INR/share)	Previous	Revised	Valuation methodology
ONGC Standalone	526	549	3.5x EV/EBITDA on FY10E Standalone EBITDA
ONGC Videsh	246	123	EV/bbl of USD 7.0/bbl
MRPL	25	17	DCF-based
Other investments	24	21	Based on market prices
Target price	821	710	

Source: BNP Paribas estimates

Exhibit 4: ONGC Videsh Proven Reserves Trend

	FY05	FY06	FY07	FY08
OVL reserves				
Crude oil (mmboe)	607	680	702	555
Gas (mmboe)	724	713	622	528
Imperial energy reserves				
Crude oil (mmboe)				146
Gas (mmboe)				29
Total (OVL+Imperial)				
Crude oil (mmboe)	607	680	702	701
Gas (mmboe)	724	713	622	557
Total (mmboe)	1,331	1,393	1,324	1,258

Sources: ONGC Videsh; Imperial Energy PLC; BNP Paribas

FINANCIAL STATEMENTS

Oil & Natural Gas

Profit and Loss (INR m)					
Year Ending March	2007A	2008A	2009E	2010E	2011E
Revenue	822,615	967,822	1,049,438	903,221	963,524
Cost of sales ex depreciation	(382,677)	(470,843)	(534,182)	(415,078)	(456,324)
Gross profit ex depreciation	439,938	496,979	515,257	488,144	507,200
Other operating income	-	-	-	-	-
Operating costs	(83,230)	(91,219)	(97,727)	(101,828)	(107,023)
Operating EBITDA	356,708	405,760	417,530	386,316	400,177
Depreciation	(119,678)	(138,878)	(144,706)	(153,069)	(161,576)
Goodwill amortisation	-	-	-	-	-
Operating EBIT	237,030	266,883	272,824	233,246	238,601
Net financing costs	48,446	43,258	32,419	32,963	35,282
Associates	102	21	-	-	-
Recurring non operating income	-	-	-	-	-
Non recurring items	(8,004)	(930)	434	-	-
Profit before tax	277,574	309,231	305,677	266,209	273,883
Tax	(98,454)	(106,999)	(117,058)	(89,452)	(95,232)
Profit after tax	179,120	202,232	188,619	176,757	178,650
Minority interests	(1,424)	(3,509)	(1,214)	(1,663)	(1,538)
Preferred dividends	-	-	-	-	-
Other items	-	-	-	-	-
Reported net profit	177,696	198,723	187,405	175,094	177,112
Non recurring items & goodwill (net)	8,004	930	(434)	(0)	(0)
Recurring net profit	185,700	199,653	186,971	175,094	177,112
Per share (INR)					
Recurring EPS *	86.82	93.34	87.42	81.86	82.81
Reported EPS	83.08	92.91	87.62	81.86	82.81
DPS	35.85	37.62	37.44	37.44	37.44
Growth					
Revenue (%)	16.4	17.7	8.4	(13.9)	6.7
Operating EBITDA (%)	14.8	13.8	2.9	(7.5)	3.6
Operating EBIT (%)	11.3	12.6	2.2	(14.5)	2.3
Recurring EPS (%)	20.8	7.5	(6.4)	(6.4)	1.2
Reported EPS (%)	15.4	11.8	(5.7)	(6.6)	1.2
Operating performance					
Gross margin inc depreciation (%)	38.9	37.0	35.3	37.1	35.9
Operating EBITDA margin (%)	43.4	41.9	39.8	42.8	41.5
Operating EBIT margin (%)	28.8	27.6	26.0	25.8	24.8
Net margin (%)	22.6	20.6	17.8	19.4	18.4
Effective tax rate (%)	35.5	34.6	38.3	33.6	34.8
Dividend payout on recurring profit (%)	41.3	40.3	42.8	45.7	45.2
Interest cover (x)	na	na	na	na	na
Inventory days	51.6	51.1	51.0	62.4	53.9
Debtor days	20.5	22.4	25.2	27.8	24.6
Creditor days	65.2	68.7	65.9	77.9	68.0
Operating ROIC (%)	23.6	26.1	21.9	18.0	17.1
Operating ROIC - WACC (%)	7.2	9.7	5.5	1.5	0.7
ROIC (%)	21.5	23.5	19.9	16.5	15.8
ROIC - WACC (%)	5.1	7.1	3.5	0.1	(0.6)
ROE (%)	30.1	27.6	22.4	18.7	17.1
ROA (%)	15.3	14.8	11.8	9.5	9.0
<i>* Pre exceptional, pre-goodwill and fully diluted</i>					
Key Assumptions (INR m)					
Crude price (USD/barrel)	66.21	83.39	86.62	59.00	80.00
Exchange Rate (INR/USD)	45.25	40.26	46.04	47.25	43.75

Y-Y revenue decline due to lower crude price and slight decline in production

Sources: Oil & Natural Gas; BNP Paribas estimates

Cash Flow (INR m)					
Year Ending March	2007A	2008A	2009E	2010E	2011E
Recurring net profit	185,700	199,653	186,971	175,094	177,112
Depreciation	119,678	138,878	144,706	153,069	161,576
Associates & minorities	1,526	3,530	1,214	1,663	1,538
Other non-cash items	-	-	-	-	-
Recurring cash flow	306,904	342,060	332,891	329,826	340,226
Change in working capital	83,415	9,032	(20,617)	18,763	(928)
Capex - maintenance	-	-	-	-	-
Capex - new investment	(210,726)	(168,144)	(279,314)	(205,217)	(217,476)
Free cash flow to equity	179,593	182,948	32,960	143,372	121,823
Net acquisitions & disposals	-	-	-	-	-
Dividends paid	(76,688)	(78,218)	(80,076)	(80,076)	(80,076)
Non recurring cash flows	-	-	-	-	-
Net cash flow	102,904	104,730	(47,116)	63,296	41,747
Equity finance	-	-	-	-	-
Debt finance	(6,336)	(6,561)	220,664	(3,000)	(3,000)
Movement in cash	96,568	98,170	173,548	60,296	38,747

Strong capex plans

Per share (INR)					
Recurring cash flow per share	143.49	159.93	155.64	154.21	159.07
FCF to equity per share	83.97	85.53	15.41	67.03	56.96

Balance Sheet (INR m)					
Year Ending March	2007A	2008A	2009E	2010E	2011E
Working capital assets	181,649	224,787	240,582	215,071	226,353
Working capital liabilities	(182,956)	(235,126)	(230,304)	(223,556)	(233,910)
Net working capital	(1,307)	(10,339)	10,278	(8,485)	(7,557)
Tangible fixed assets	647,399	700,903	835,511	887,658	943,557
Operating invested capital	646,092	690,563	845,788	879,173	936,000
Goodwill	30,616	25,777	22,847	22,847	22,847
Other intangible assets	-	-	-	-	-
Investments	35,832	44,821	44,821	44,821	44,821
Other assets	5,141	6,739	6,739	6,739	6,739
Invested capital	717,681	767,901	920,196	953,580	1,010,407
Cash & equivalents	(206,756)	(250,558)	(434,654)	(502,265)	(548,003)
Short term debt	3,263	297	132	132	132
Long term debt *	12,742	9,148	229,976	226,976	223,976
Net debt	(190,751)	(241,114)	(204,546)	(275,157)	(323,895)
Deferred tax	81,119	87,376	93,345	98,997	104,450
Other liabilities	151,857	129,325	129,325	129,325	129,325
Total equity	667,136	780,866	889,409	986,090	1,084,664
Minority interests	8,321	11,448	12,662	14,325	15,863
Invested capital	717,681	767,901	920,195	953,580	1,010,407

* Includes convertibles and preferred stock which is being treated as debt

Per share (INR)					
Book value per share	311.91	365.08	415.83	461.03	507.12
Tangible book value per share	297.60	353.03	405.15	450.35	496.44

Financial strength					
Net debt/equity (%)	(28.2)	(30.4)	(22.7)	(27.5)	(29.4)
Net debt/total assets (%)	(17.2)	(19.2)	(12.9)	(16.4)	(18.1)
Current ratio (x)	2.1	2.0	2.9	3.2	3.3
CF interest cover (x)	na	na	na	na	na

Valuation	2007A	2008A	2009E	2010E	2011E
Recurring P/E (x) *	7.5	7.0	7.5	8.0	7.9
Recurring P/E @ target price (x) *	8.2	7.6	8.1	8.7	8.6
Reported P/E (x)	7.9	7.0	7.5	8.0	7.9
Dividend yield (%)	5.5	5.7	5.7	5.7	5.7
P/CF (x)	4.6	4.1	4.2	4.2	4.1
P/FCF (x)	7.8	7.7	42.5	9.8	11.5
Price/book (x)	2.1	1.8	1.6	1.4	1.3
Price/tangible book (x)	2.2	1.9	1.6	1.5	1.3
EV/EBITDA (x) **	3.6	2.9	2.9	3.0	2.8
EV/EBITDA @ target price (x) **	3.9	3.2	3.1	3.3	3.1
EV/invested capital (x)	1.7	1.5	1.3	1.2	1.1

* Pre exceptional, pre-goodwill and fully diluted

** EBITDA includes associate income and recurring non-operating income

Sources: Oil and Natural Gas; BNP Paribas estimates

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Unless otherwise specified, these recommendations are set with a 12-month horizon. Thus, it is possible that future price volatility may cause a temporary mismatch between upside/downside for a stock based on market price and the formal recommendation.

*In most cases, the target price will equal the analyst's assessment of the current fair value of the stock. However, if the analyst doesn't think the market will reassess the stock over the specified time horizon due to a lack of events or catalysts, then the target price may differ from fair value. In most cases, therefore, our recommendation is an assessment of the mismatch between current market price and our assessment of current fair value.

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