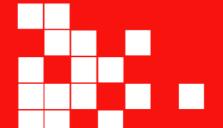
# Macquarie Research **Equities**





INDIA

# Gujarat NRE Coke

#### 3 November 2008

GNC IN	Outperform				
Stock price as of 31 Oct 08 12-month target Upside/downside Valuation - Sum of Parts	Rs Rs % Rs	30.00 136.00 +353.3 136.00			
GICS sector Market cap 30-day avg turnover Market cap Number shares on issue	Rs m US\$m US\$m m	materials 14,158 4.8 287 471.9			

#### Investment fundamentals

Year end 31 Mar		2008A	2009E	2010E	2011E
Total revenue	m	8,871	34,913	53,027	56,878
EBITDA	m	2,051	9,896	18,115	17,411
EBITDA growth	%	313.0	382.4	83.1	-3.9
Adjusted profit	m	1,693	4,678	8,798	7,343
EPS adj	Rs	4.80	9.42	17.86	14.91
EPS adj growth	%	349.7	96.1	89.5	-16.5
PE adj	Х	6.2	3.2	1.7	2.0
Total DPS	Rs	2.20	2.00	0.68	1.11
Total div yield	%	7.3	6.7	2.3	3.7
ROA	%	6.2	17.8	22.4	17.7
ROE	%	16.6	23.1	29.8	19.9
EV/EBITDA	Х	4.3	1.3	0.7	0.8
Net debt/equity	%	32.1	-6.3	-11.6	4.7
Price/book	Х	0.7	0.6	0.4	0.4

## GNC IN rel SENSEX performance, & rec history



Source: Datastream, Macquarie Research, November 2008 (all figures in INR unless noted)

#### **Analysts**

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amresh.kumar@macquarie.com

### Lean season, strong results

#### **Event**

2Q FY09 results above estimates: GNC declared its standalone 2Q FY09 results which beat our expectations by 39% on operating level and 42% at the net profit level. We are adjusting our target price from Rs251 to Rs136 to factor in a 40% dilution following the bonus issue and to take into account a slowdown in coke prices.

#### **Impact**

- Strong results in a weak season: Net sales at Rs4.96bn increased nearly four fold YoY due to 1.4x volumes and 1.5x realization increases. EBITDA at Rs1.5bn increased 737% YoY and net income at Rs1.1bn was up 776% YoY.
- Adjusting for bonus, rights and warrants: The company issued bonus shares in the ratio of 2:5, which increased the outstanding share count by 40%. However, the warrants which were issued to the promoters earlier will go unsubscribed in the current market situation. Furthermore, nearly 1.1m shares will be added following the issue of DVR shares. Adjusting for these, the number of fully diluted shares is likely to increase by 28% to 493m shares.
- Adjusting estimates by introducing discounts to our forecasts: We have introduced a discount to our coke price forecast to account for current market situation. However, both the depreciating Indian rupee and Australian dollar against USD have led to margin expansion at both subsidiary and parent level.
- Mine development on schedule: The company is experiencing extremely encouraging progress on the mine development front. Management remains confident of reaching its 7mtpa coal production target in time. It is also studying the possibility of a long wall opening as early as 2010 and should be able to come up with a feasibility plan in next 3–4 months.

#### Earnings revision

 We have reduced our EPS estimates by 33%, 25%, and 30%, for FY3/09E to FY3/11E, respectively.

#### Price catalyst

- 12-month price target: Rs136.00 based on a Sum of Parts methodology.
- Catalyst: Meeting coal production targets and strong coke prices

#### Action and recommendation

• Maintain Outperform: The stock price has fallen sharply on concerns of slowing demand and falling coke prices. However, we see little risk to our FY3/09 numbers as coke shipments are fully sold up to December 2008 and nearly 30% is booked for first half of 2009. The depreciating INR and AUD have also helped to increase margins. The stock is trading at an extremely attractive level of 1.7x FY3/10 PER and 0.7x FY3/10 EV/EBITDA in our view.

Please refer to the important disclosures and analyst certification on inside back cover of this document, or on our website www.macquarie.com.au/research/disclosures.

#### Changing our target price

 We are reducing our target price from Rs251 earlier to Rs136 (using sum of parts as shown below) mainly to account for equity dilution caused by the bonus share issue and also to reflect the weaker price scenario for coke.

Fig 1 GNC - sum of parts

	NPV (Rs/share)	% of total value
Gujarat NRE Coke - standalone	53	39.1%
60% stake in BNCL	0	0.1%
Gujarat NRE Minerals (GNM AU)	78	57.6%
14% stake in Rey Resources	0	0.3%
12% stake in Pluton Resources	1	0.7%
10% stake in Pike river coal	3	2.1%
Total	136	
Source: Macquarie Research, November 2008		

#### Change in estimates

We are reducing our EPS estimates by 33%, 25% and 30% for FY3/09, FY3/10 and FY3/11, respectively to account for the equity dilution.

Fig 2 Adjusting our estimates

	Sa	les (Rsn	n)	EBITDA (Rsm)		m)	PAT (Rsm)		)	EPS (Rs)		
	Old	New	% chg	Old	New	% chg	Old	New	% chg	Old	New	% chg
FY3/09E	32,015	34,913	9%	10,761	9,896	-8%	5,241	4,678	-11%	14.3	9.5	-33%
FY3/10E	46,348	53,027	14%	17,628	18,115	3%	9,145	8,798	-4%	23.8	17.9	-25%
FY3/11E	47,080	56,878	21%	18,047	17,411	-4%	8,212	7,343	-11%	21.3	14.9	-30%
Source: Macqu	uarie Research	n, Novem	ber 2008									

- Number of shares are adjusted due to:
  - ⇒ 2:5 bonus issue which led to increase of 135m new shares.
  - ⇒ 32.5m warrants to go unsubscribed due to current market situation.
  - ⇒ Approximately 1.1m new shares will be issued in form of differential voting rights issue.
- We have taken 10% discount to our coke price forecasts to reflect a realistic scenario of slowdown in demand.
- Price cuts are mainly neutralized by depreciation of both Indian rupee and Australian dollar against USD.

Fig 3 Changing our assumptions

	IN	IR/US\$		US\$/AUD		Coke price (US\$/t)		S\$/t)	Number of shares (m)			
	Old	New	% chg	Old	New	% chg	Old	New	% chg	Old	New	% chg
FY3/09E	43.6	47.9	10%	0.92	0.78	-15%	667	601	-10%	385	493	28%
FY3/10E	41.9	49.0	17%	0.88	0.71	-19%	656	591	-10%	385	493	28%
FY3/11E	41.1	42.6	4%	0.84	0.77	-8%	588	529	-10%	385	493	28%
Source: Macqua	rie Research,	Novem	ber 2008									

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#### Quarterly results analysis

• Beat estimates: 2Q FY3/09 results beat our estimates by 39% at the operating level and 42% at net profit level.

Fig 4 2Q FY3/09 standalone results – actual vs estimated

	2Q FY09A	2Q FY09E	% diff
Net sales	4,961	3,938	26%
EBITDA	1,464	1,050	39%
EBITDA margin	29.5%	26.7%	11%
EBITDA/ tonne of coke (Rs)	9,463	7,832	21%
Depreciation	87	60	45%
Interest	175	110	59%
Other income	27	200	-87%
PBT	1,228	1,080	14%
Tax	125	302	-59%
PAT	1,103	777	42%
Source: Company data, Macquarie Research,	November 2008		

<sup>•</sup> Strong performance in an otherwise weak season: the second quarter of the fiscal year is considered lean season due to monsoons across large parts of India. Even then, the company has managed to increase its coke production by 139% YoY and 21% sequentially.

Fig 5 2Q FY3/09 standalone profitability presentation

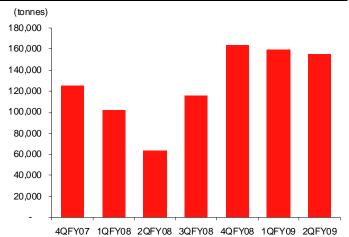
Profitability (Rsm)	2Q FY09A	2Q FY08A	YoY	1Q FY09A	QoQ
Net sales	4,961	1,021	386%	3,776	31%
EBITDA	1,464	175	737%	1,265	16%
EBITDA margin	29.5%	17.1%	72%	33.5%	-12%
EBITDA/ tonne of coke (Rs)	9,463	2,737	246%	7,955	19%
Depreciation	87	60	45%	75	15%
Interest	175	71	147%	97	80%
Other income	27	115	-77%	45	-41%
PBT	1,228	159	672%	1,137	8%
Tax	125	33	278%	193	-35%
PAT	1,103	126	776%	944	17%
EPS - fully diluted (Rs)	2.24	0.26	776%	1.92	17%
Source: Company data, Macquari	e Research, Novemb	per 2008			

Fig 6 2Q FY3/09 volume and realization (standalone)

	2Q FY09A	2Q FY08A	YoY	1Q FY09A	QoQ					
Coke production (tonnes)	189,127	79,280	139%	156,489	21%					
Coke sales (tonnes)	154,667	63,869	142%	159,000	-3%					
Coke realization (US\$/ tonne)	609	242	151%	466	31%					
Source: Company data, Macquarie Research, November 2008										

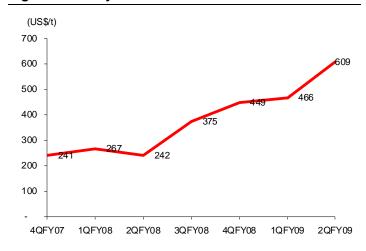
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Fig 7 Quarterly coke sales volumes



Source: Macquarie Research, November 2008

Fig 8 Quarterly – coke realization



Source: Macquarie Research, November 2008

Fig 9 2Q FY3/09 cost breakup (standalone)

(Rsm)	2Q FY09A	2Q FY08A	YoY	1Q FY09A	QoQ
Change in stocks	(3,252)	(146)	2132%	(374)	771%
Purchases	` 5.767	` 789	631%	2,52Ó	129%
Staff	37	22	65%	29	25%
Other expenses	946	181	423%	336	181%
Total cost	3,497	846	313%	2,512	39%
Source: Macquarie Research	, November 2008				

### **Key assumptions**

Fig 10 Key Macquarie assumptions

(US\$/t)		FY07A	FY08A	FY09E	FY10E	FY11E	FY12E
Hard Coking coal price	USD/t	115	98	300	350	300	275
% change	%	-8%	-15%	206%	17%	-14%	-8%
Coke prices	USD/t	165	340	668	656	588	525
% change	%	2.90%	107%	96%	-2%	-10%	-11%
USD/ INR		44.87	39.97	47.93	49.00	42.63	41.00
AUD/ USD		0.77	0.88	0.78	0.71	0.77	0.81
Source: Company data, Mad	cquarie Resear	ch, Novembe	r 2008				

Fig 11 Key assumptions for Indian operations

In the One and the co		E)/07.4	E)/00 A	EVOCE	EV40E	EV44E	EV40E		
Indian Operations		FY07A	FY08A	FY09E	FY10E	FY11E	FY12E		
Coke sales volume									
GNC (standalone)	tonnes	393,322	440,016	841,520	954,560	1,466,400	1,692,000		
BNCL	tonnes		121,900	130,000	146,200	146,200	146,200		
Total coke	tonnes	393,322	561,916	971,520	1,100,760	1,612,600	1,838,200		
Coke realization	USD/t	192	278	565	555	498	445		
Raw coal consumption	tonnes	552,033	732,832	1,185,254	1,342,927	1,967,372	2,242,604		
Raw coal cost	USD/ t	156	104	320	380	340	315		
Source: Company data, Macquarie Research, November 2008									

Fig 12 Key assumptions for Australian operations

			•							
Australian Operations		FY07A	FY08A	FY09E	FY10E	FY11E	FY12E			
ROM coking coal production	m tonnes	0.35	0.49	1.10	2.30	3.00	5.00			
Coking coal production	m tonnes	0.25	0.34	0.77	1.61	2.10	3.50			
ROM coking coal realization	USD/t	50	83	180	215	180	173			
Mine Operating cost	AUD/t	55	106	100	101	87	76			
Source: Company data, Mac	Source: Company data, Macquarie Research, November 2008									

3 November 2008

Gujarat NRE Coke (GNC IN, Outperform, Target price: Rs136.	Guiarat NRE Co	ce (GNC IN. C	Outperform, Tar	get price: Rs136.0
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Profit & Loss		2004A	2005A	2006A	2007A	Profit & Loss		2008A	2009E	2010E	2011E
levenue	m	2,128	3,281	4,174	5,145	Revenue	m	8,871	34,913	53,027	56,878
ross Profit	m	0	0	0	0	Gross Profit	m	0	0	0	(
ost of Goods Sold	m	1,711	2,626	3,357	4,649	Cost of Goods Sold	m	6,819	25,017	34,912	39,467
BITDA	m	417	655	817	497	EBITDA	m	2,051	9,896	18,115	17,411
epreciation	m	27 0	58 0	91 0	252 0	Depreciation	m	459	978 0	1,191	1,670
mortisation of Goodwill ther Amortisation	m m	0	0	0	0	Amortisation of Goodwill Other Amortisation	m m	0	0	0 0	(
BIT	m	390	<b>597</b>	<b>726</b>	245	EBIT	m	1,592	8,918	16,924	15,742
et Interest Income	m	-16	-63	-125	-273	Net Interest Income	m	-476	-1,303	-1,846	-1,944
ssociates	m	0	0	0	0	Associates	m	-470	-1,303	0	-1,34
xceptionals	m	0	777	1,749	Ö	Exceptionals	m	0	0	0	Č
	***			.,	-	Forex Gains / Losses	m	0	0	0	(
ther Pre-Tax Income	m	358	610	528	633	Other Pre-Tax Income	m	755	534	412	459
re-Tax Profit	m	732	1,921	2,878	605	Pre-Tax Profit	m	1,871	8,149	15,491	14,25
ax Expense	m	-195	-450	-590	-129	Tax Expense	m	-598	-3,468	-6,688	-6,90
et Profit	m	537	1,471	2,288	476	Net Profit	m	1,273	4,681	8,802	7,34
linority Interests	m	0	-6	-14	-16	Minority Interests	m	419	-2	-4	-(
eported Earnings djusted Earnings	m m	537 537	1,471 700	2,288 554	476 492	Reported Earnings Adjusted Earnings	m m	1,273 1,693	4,681 4,678	8,802 8,798	7,349 7,343
						EPS (rep)		3.61	9.29	17.87	14.92
						EPS (adj)		4.80	9.42	17.86	14.9
						EPS Growth (adj)	%	349.7	96.1	89.5	-16.
						PE (rep)	x	8.3	3.2	1.7	2.
						PE (adj)	x	6.2	3.2	1.7	2.
						Total DPS		2.20	2.00	0.68	1.1
						Total Div Yield	%	7.3	6.7	2.3	3.
						Weighted Average Shares	m	352	504	493	49
						Period End Shares	m	352	493	493	49
rofit and Loss Ratios		2008A	2009E	2010E	2011E	Cashflow Analysis		2008A	2009E	2010E	20111
evenue Growth	%	72.4	293.6	51.9	7.3	EBITDA	m	2,051	9,896	18,115	17,41
BITDA Growth	%	313.0	382.4	83.1	-3.9	Tax Paid	m	-598	-3,468	-6,688	-6,90
BIT Growth	%	550.6	460.2	89.8	-3.9 -7.0	Chgs in Working Cap	m	1,082	-5,887	-3,068	-1,12
ross Profit Margin	%	0.0	0.0	0.0	0.0	Net Interest Paid	m	-476	-1,303	-1,846	-1,94
BITDA Margin	%	23.1	28.3	34.2	30.6	Other	m	-459	-978	-1,191	-1,67
BIT Margin	%	17.9	25.5	31.9	27.7	Operating Cashflow	m	1,600	-1,740	5,322	5,76
et Profit Margin	%	14.4	13.4	16.6	12.9	Acquisitions	m	-1,938	0	0	٥,. ٥
ayout Ratio	%	45.8	21.3	3.8	7.4	Capex	m	-15,617	-4,265	-3,536	-12,99
V/EBITDA	X	4.3	1.3	0.7	0.8	Asset Sales	m	0	0	0	,
V/EBIT	х	5.6	1.5	0.8	0.8	Other	m	0	534	412	45
						Investing Cashflow	m	-17,555	-3,731	-3,123	-12,53
Balance Sheet Ratios						Dividend (Ordinary)	m	-501	-947	-333	-54
ROE	%	16.6	23.1	29.8	19.9	Equity Raised	m	6,805	1,556	1,556	
OA	%	6.2	17.8	22.4	17.7	Debt Movements	m	4,385	3,175	2,532	-1,29
OIC	%	12.8	22.9	37.5	25.8	Other	m	-1,836	5,550	-268	-19
let Debt/Equity	%	32.1	-6.3	-11.6	4.7	Financing Cashflow	m	8,853	9,334	3,488	-2,04
nterest Cover	x	3.3	6.8	9.2	8.1			-,	-,	-,	_,-,-
rice/Book sook Value per Share	х	0.7 42.7	0.6 51.6	0.4 68.3	0.4 81.7	Net Chg in Cash/Debt	m	-7,102	3,863	5,687	-8,81
·						Balance Sheet		2008A	2009E	2010E	20111
						Cash	m	2,401	12,731	17,685	10,26
						Receivables	m	2,538	8,239	9,885	11,40
						Inventories	m	2,620	10,566	15,487	17,19
						Investments	m	0	0	0	17,10
						Fixed Assets	m	15,130	16,981	19,326	30,65
						Intangibles	m	0	0	0	30,03
						Other Assets	m	10,448	18,542	21,697	23,83
						Total Assets	m	33,136	67,059	84,080	93,35
						Payables	m	3,784	16,931	22,096	25,31
						Short Term Debt	m	0	0	0	-,-
						Long Term Debt	m	7,843	11,018	13,550	12,25
						Provisions	m	2,567	5,274	6,764	7,78
						Other Liabilities	m	1,996	6,471	6,103	5,8
						Total Liabilities	m	16,190	39,694	48,513	51,18
						Shareholders' Funds	m	15,025	25,442	33,639	40,2
						Minority Interests	m	1,921	1,923	1,928	1,9
						Other	m	0	0	0	1,3
											42 17
						Total S/H Equity Total Liab & S/H Funds	m m	16,946 33,136	27,365 67,059	35,567 84,080	42,17 93,3

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#### Important disclosures:

#### **Recommendation definitions**

#### Macquarie - Australia/New Zealand

Outperform – return >5% in excess of benchmark return (>2.5% in excess for listed property trusts)

Neutral – return within 5% of benchmark return (within 2.5% for listed property trusts)

Underperform - return >5% below benchmark return (>2.5% below for listed property trusts)

#### Macquarie - Asia/Europe

Outperform – expected return >+10% Neutral – expected return from -10% to +10% Underperform - expected return <-10%

#### Macquarie First South - South Africa

Outperform – expected return >+10%

Neutral – expected return from -10% to +10%

Underperform – expected return <-10%

#### Macquarie – Canada

Outperform - return >5% in excess of benchmark return Neutral - return within 5% of benchmark return Underperform – return >5% below benchmark return

Macquarie – USA
Outperform (Buy) – return >5% in excess of benchmark return
Neutral (Hold) – return within 5% of benchmark return
Underperform (Sell)– return >5% below benchmark return

Recommendations - 12 months

Note: Quant recommendations may differ from Fundamental Analyst recommendations

#### Volatility index definition\*

This is calculated from the volatility of historic price movements

Very high-highest risk - Stock should be expected to move up or down 60-100% in a year - investors should be aware this stock is highly speculative.

High - stock should be expected to move up or down at least 40–60% in a year – investors should be aware this stock could be speculative.

Medium - stock should be expected to move up or down at least 30-40% in a year.

Low-medium - stock should be expected to move up or down at least 25-30% in a year.

Low - stock should be expected to move up or down at least 15-25% in a year.

Applicable to Australian/NZ stocks only

#### **Financial definitions**

All "Adjusted" data items have had the following adjustments made:

Added back: goodwill amortisation, provision for catastrophe reserves, IFRS derivatives & hedging, IFRS impairments & IFRS interest expense Excluded: non recurring items, asset revals, property revals, appraisal value uplift, preference dividends & minority interests

EPS = adjusted net profit / efpowa\*
ROA = adjusted ebit / average total assets ROA Banks/Insurance = adjusted net profit /average total assets

ROE = adjusted net profit / average shareholders funds

Gross cashflow = adjusted net profit +

depreciation \*equivalent fully paid ordinary weighted average number of shares

All Reported numbers for Australian/NZ listed stocks are modelled under IFRS (International Financial Reporting Standards).

#### Recommendation proportions - For quarter ending 30 September 2008

	AU/NZ	Asia	RSA	USA	CA	EUR
Outperform	43.17%	61.57%	63.08%	53.60%	71.54%	43.00%
Neutral	41.37%	16.43%	30.77%	37.60%	24.61%	48.00%
Underperform	15.47%	22.00%	6.15%	8.80%	3.85%	9.00%

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