Macquarie Research **Equities**





INDIA

GVK Power and Infra

3 February 2009

GVKP IN	Ou	utperform
Stock price as of 30 Jan 09 12-month target Upside/downside Valuation - Sum of Parts	Rs Rs % Rs	18.80 27.00 +43.6 27.00
GICS sector Market cap 30-day avg turnover Market cap Number shares on issue	Rs m US\$m US\$m m	utilities 26,430 13.1 541 1,406

Investment fundamentals

	2008A	2009E	2010E	2011E
m	4,700	4,692	12,994	21,815
m	2,477	2,066	4,091	6,835
%	9.9	-16.6	98.0	67.1
m	1,355	1,131	1,388	2,924
Rs	1.04	0.80	0.99	2.08
%	68.0	-22.6	22.7	110.6
Х	18.1	23.4	19.1	9.1
Rs	0.00	0.00	0.00	0.00
%	0.0	0.0	0.0	0.0
%	5.2	3.3	5.8	8.4
%	8.6	4.7	5.5	10.6
Х	10.4	18.8	9.5	5.7
%	47.7	54.9	92.0	122.1
Х	0.6	1.1	1.0	0.9
	m % m Rs % x Rs % % % X %	m 4,700 m 2,477 % 9.9 m 1,355 Rs 1.04 % 68.0 x 18.1 Rs 0.00 % 0.0 % 5.2 % 8.6 x 10.4 % 47.7	m 4,700 4,692 m 2,477 2,066 % 9.9 -16.6 m 1,355 1,131 Rs 1.04 0.80 % 68.0 -22.6 x 18.1 23.4 Rs 0.00 0.00 % 0.0 0.0 % 5.2 3.3 % 8.6 4.7 x 10.4 18.8 % 47.7 54.9	m 4,700 4,692 12,994 m 2,477 2,066 4,091 % 9.9 -16.6 98.0 m 1,355 1,131 1,388 Rs 1.04 0.80 0.99 % 68.0 -22.6 22.7 x 18.1 23.4 19.1 Rs 0.00 0.00 0.00 % 0.0 0.00 0.0 0.00 % 5.2 3.3 5.8 % 8.6 4.7 5.5 x 10.4 18.8 9.5 % 47.7 54.9 92.0

GVKP IN rel SENSEX performance, & rec history



Source: Datastream, Macquarie Research, February 2009 (all figures in INR unless noted)

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Incremental clarity on gas emerging

Event

GVK reported results in line with expectations, with clarity emerging on gas.

Impact

- Results in line with expectations: GVK reported 1% revenue growth and a PAT decline in its 3Q FY3/09 results, in line with our expectations. Weak revenue bookings were a result of non-availability of gas in its power plants, with Jegrupada-I running at only a 63% Plant Load Factor (PLF), much below the threshold requirement. The PAT decline was accentuated due to lower other income and a one-time hit of Rs128m from payment of arrears to Airport Authority of India (AAI) employees on account of the 6th pay commission pay revisions. These employees are on the payroll until May 2009, post which GVK would not have to take the extra hit, which should help boost margins.
- Significant upside from early availability of gas: Incremental clarity is emerging on gas availability, with the Bombay High Court modifying its earlier interim order, now allowing Reliance (RIL IN, OP, Rs1,280, TP: Rs1,700) to sell gas from KG-D6 to third parties as soon as production starts, with a final judgement expected by 15 March 2009. However, we are still building in gas availability from September 2009. Our sensitivity analysis suggests a 4% increase in the target price if gas is made available even by June 2009.
- Two upcoming power projects could benefit from recent CERC ruling: Two of GVK's upcoming power plants – Alaknanda and Govindwahil Sahib – could benefit from the recent Central Electricity Regulatory Commission's (CERC) ruling that ROEs would be increased to 15.5% from 14%. However, management said that clarity is yet to emerge on the guidelines.

Earnings revision

We have increased our FY09E earnings by 22% and FY10E earnings by 8% to incorporate better margins.

Price catalyst

- 12-month price target: Rs27.00 based on a Sum of Parts methodology.
- Catalyst: Availability of gas as early as March 2009

Action and recommendation

GVK remains our preferred pick in the developer space. The stock has
excellent growth prospects, with gas availability coming up, stable road
projects and a financially closed Mumbai airport project. The stock is currently
available at attractive valuations of 0.9x FY10E P/BV.

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.

uarterly Results		2Q/09A	3Q/09E	4Q/09E	1Q/10E	Profit & Loss		2008A	2009E	2010E	2011E
evenue	m	938	1,173	1,642	2,599	Revenue	m	4,700	4,692	12,994	21,81
Gross Profit Cost of Goods Sold	m m	508 430	636 538	890 753	959 1,640	Gross Profit Cost of Goods Sold	m m	2,964 1,736	2,542 2,150	4,797 8,198	7,59 9
BITDA	m	378	517	793	769	EBITDA	m	2,477	2,066	4,091	6,83
epreciation	m	194	194	194	345	Depreciation	m	776	776	1,381	1,70
mortisation of Goodwill	m	0	0	0	0	Amortisation of Goodwill	m	0	0	0	
ther Amortisation	m	0	0	0	0	Other Amortisation	m	0	0	0	
BIT et Interest Income	m	184	323	599 -80	424 -410	EBIT Net Interest Income	m	1,701 -414	1,291 -320	2,710	5,13 -1,80
et interest income ssociates	m m	-80 0	-80 0	-00	-410 0	Associates	m m	-414 0	-320 0	-1,639 0	-1,00
xceptionals	m	0	0	0	0	Exceptionals	m	0	0	0	
orex Gains / Losses	m	0	0	0	0	Forex Gains / Losses	m	0	0	0	
ther Pre-Tax Income	m	0	0	0	0	Other Pre-Tax Income	m	0	_0	_0	
e-Tax Profit	m	104	243	519	14	Pre-Tax Profit	m	1,287	971	1,071	3,33
ax Expense et Profit	m m	-36 68	-45 198	-63 456	-40 -25	Tax Expense Net Profit	m m	-239 1,049	-180 791	-198 873	-61 2,71
linority Interests	m	85	85	85	129	Minority Interests	m	306	340	515	20
eported Earnings djusted Earnings	m m	153 153	283 283	541 541	103 103	Reported Earnings Adjusted Earnings	m m	1,355 1,355	1,131 1,131	1,388 1,388	2,924 2,924
PS (rep)		0.11	0.20	0.38	0.07	EPS (rep)		0.24	0.80	0.99	2.08
PS (adj)		0.11	0.20	0.38	0.07	EPS (adj)		1.04	0.80	0.99	2.0
PS Growth yoy (adj)	%	354.3	323.6	-59.2	-32.6	EPS Growth (adj)	%	68.0	-22.6	22.7	110.
						PE (rep)	х	76.9	23.4	19.1	9.
						PE (adj)	х	18.1	23.4	19.1	9.
BITDA Margin BIT Margin	% %	40.3 19.6	44.0 27.5	48.3 36.5	29.6 16.3	Total DPS Total Div Yield	%	0.00 0.0	0.00	0.00 0.0	0.0
arnings Split	%	13.6	25.0	47.9	7.4	Weighted Average Shares	m	5,539	1,409	1,409	1,409
evenue Growth	%	-0.2	-0.2	-0.2	176.9	Period End Shares	m	715	1,409	1,409	1,40
BIT Growth	%	-25.1	-24.1	-23.5	130.0						
ofit and Loss Ratios		2008A	2009E	2010E	2011E	Cashflow Analysis		2008A	2009E	2010E	20111
venue Growth	%	17.9	-0.2	176.9	67.9	EBITDA	m	2,477	2,066	4,091	6,83
SITDA Growth	%	9.9	-16.6	98.0	67.1	Tax Paid	m	-239	-180	-198	-618
BIT Growth	%	17.5	-24.1	110.0	89.4	Chgs in Working Cap	m	-4,969	2,616	-1,457	-2,139
oss Profit Margin ITDA Margin	% %	63.1 52.7	54.2 44.0	36.9 31.5	34.8 31.3	Net Interest Paid Other	m m	-414 0	-320 0	-1,639 0	-1,80
BIT Margin	%	36.2	27.5	20.9	23.5	Operating Cashflow	m	-3,144	4,183	796	2,27
t Profit Margin	%	22.3	16.9	6.7	12.5	Acquisitions	m	0	0	0	-,
ayout Ratio	%	0.0	0.0	0.0	0.0	Capex	m	-35	-6,862	-11,813	-14,81
//EBITDA	Х	10.4	18.8	9.5	5.7	Asset Sales	m	0	0	0	
//EBIT	Х	15.2	30.1	14.4	7.6	Other	m	-5,294	0	0	44.04
lance Sheet Ratios						Investing Cashflow Dividend (Ordinary)	m m	-5,329 0	-6,862 0	-11,813 0	-14,81
E	%	8.6	4.7	5.5	10.6	Equity Raised	m	323	0	0	
DA .	%	5.2	3.3	5.8	8.4	Debt Movements	m	-2,536	1,357	11,535	11,49
DIC	%	5.5	3.0	5.8	8.3	Other	m	0	0	0	
t Debt/Equity	%	47.7	54.9	92.0	122.1	Financing Cashflow	m	-2,213	1,357	11,535	11,49
erest Cover ce/Book	X X	4.1 0.6	4.0 1.1	1.7 1.0	2.9 0.9	Net Chg in Cash/Debt	m	-10,685	-1,322	519	-1,04
ook Value per Share		33.1	17.6	18.6	20.6	Balance Sheet		2008A	2009E	2010E	2011E
						Cash Receivables	m m	1,643 652	661 651	1,726 1,068	1,27 1,49
						Inventories	m	227	281	674	97
						Investments	m	7,068	4,461	5,219	5,92
						Fixed Assets	m	12,275	18,361	28,794	41,90
						Intangibles	m	15 963	15 900	16 166	17 27
						Other Assets Total Assets	m m	15,862 37,728	15,800 40,216	16,166 53,647	17,37 68,95
						Payables	m	269	269	745	1,25
						Short Term Debt	m	0	0	0	.,20
						Long Term Debt	m	12,910	14,267	25,803	37,29
						Provisions	m	28	28	28	2
						Other Liabilities	m	891	891 15 455	891 27.467	89 30.46
						Total Liabilities Shareholders' Funds	m m	14,098 23,624	15,455 24,755	27,467 26,143	39,46 29,06
						Minority Interests	m	23,624	24,755 6	26,143	29,06 42
						Other	m	0	0	0	42
						Total S/H Equity	m	23,630	24,761	26,180	29,49
						Total Liab & S/H Funds	m	37,728	40,216	53,647	68,95

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Important disclosures:

Recommendation definitions

Macquarie - Australia/New Zealand

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

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 historical 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.

 \boldsymbol{Low} – stock should be expected to move up or down at least 15–25% in a year.

* Applicable to Australian/NZ/Canada 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 31 December 2008

	AU/NZ	Asia	RSA	USA	CA	EUR
Outperform	38.55%	50.61%	64.52%	53.13%	65.55%	43.00%
Neutral	41.82%	15.92%	25.81%	40.63%	27.73%	48.00%
Underperform	19.64%	33.47%	9.68%	6.25%	6.72%	9.00%

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