

Equities

15 November 2011 | 10 pages

BGR Energy Systems (BGRE.BO)

Downgrade to Sell: Significant Balance Sheet Deterioration

- Downgrade to Sell (3H) Revise down our EPS for FY12-14E by 17-34% to factor in (1) 8-14% lower sales and (2) higher interest costs. Our estimates are 27-35% below consensus expectations. We cut our target price to Rs241 (Rs350 earlier) to factor in our EPS revision and roll forward of target P/E multiple of 8x to Mar13E (from Dec12E).
- 2Q12 PAT down 34% YoY Despite a 267bps margin expansion, BGRL's 2Q12 PAT was down 34% YoY at Rs514mn, which was 29% below CIRA at Rs726mn on account of (1) 32% YoY decline in sales and (2) 118% YoY increase in interest costs.
- Significant balance sheet deterioration BGRL seems to be facing severe working capital (WC) stress with debtor days ballooning up to 478 days of sales end 2Q12 from 258 days end 2Q11. WC intensity (NCA Cash days of sales) is up to 289 days end 2Q12 from 119 days end 2Q11. Cash flow from operations (CFO) was -9.1bn in 1HFY12 vs. -5.4bn in 1HFY11. The debt equity ratio has ballooned to 2.2x end 2Q12 from 1.7x from end 2Q11. With more equity commitments for the BTG JV with Hitachi over the next 12-18 months, we expect the balance sheet to deteriorate even further.
- Order drought adds to the pain After winning a mere Rs29.4bn of orders in FY11, BGRL has managed to cobble together Rs10.1bn of orders in 1H12. As of now the company has visibility for an aggressive bid and won Rs29bn order for 4X800MW turbines from NTPC. The RRVUNL Rs60bn+ EPC order for 2X660 is long delayed. Even if orders rebound, we expect margins to decline structurally ahead and BGRL, with its weak balance sheet, could find the going tough.
- BGR's NTPC tender win is aggressive BGR's L1 raw bid @ Rs8.8mn/MW is aggressive and well below past bids in the Indian market by domestic equipment suppliers and the industry benchmark (in the new competitive scenario). That management claims they have received calls from other utilities if they could supply turbines at these prices post the tender could be an indication of the same.

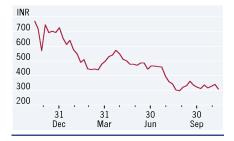
Year to	Net Profit	Diluted EPS	EPS growth	P/E	P/B	ROE	Yield
31 Mar	(RsM)	(Rs)	(%)	(x)	(x)	(%)	(%)
2010A	2,013	27.96	74.4	10.6	3.0	31.7	2.4
2011A	3,234	44.82	60.3	6.6	2.3	39.0	3.4
2012E	2,403	33.30	-25.7	8.9	1.9	23.0	2.4
2013E	2,175	30.14	-9.5	9.9	1.7	17.9	2.4
2014E	2,180	30.21	0.3	9.8	1.5	15.9	2.4

Company Update

- Rating Change
- Target Price Change
- Estimate Change

3Н
Rs297.05
Rs241.00
-18.9%
2.4%
-16.5%
Rs21,436M
US\$429M

Price Performance (RIC: BGRE.BO, BB: BGRL IN)





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See Appendix A-1 for Analyst Certification, Important Disclosures and non-US research analyst disclosures.

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Valuation Ratios P/E adjusted (x) 10.6 6.6 8.9 9.9 9.8 P/E adjusted (x) 6.7 4.8 7.2 10.6 14.0 P/E V(x) 3.0 2.3 1.9 1.7 1.5 Dividend yield (%) 2.4 2.4 2.4 2.4 2.4 Per Share Dat(Rs) EPS adjusted 2.7.96 44.82 33.30 30.14 30.21 BVPS 9.8.09 131.33 157.06 179.04 201.09 DPS 7.00 10.01 7.00 7.00 7.00 Profit & Loss (RsM) Net sales 30.734 47.498 35.042 43.798 52.553 Operating expenses -27.395 42.309 -30.444 -38.902 47.232 EBIT Assistion 5.10 4.908 3.542 43.798 52.553 Operating expenses -27.395 42.309 -30.444 -38.902 47.72 5.211 Nati interse expense -3.86 -005	Fiscal year end 31-Mar	2010	2011	2012E	2013E	2014E
EV/EBITDA adjusted (x) 6.7 4.8 7.2 10.6 14.0 P/BV (x) 3.0 2.3 1.9 1.7 1.5 Dividend yield (%) 2.4 3.4 2.4 2.4 Per Share Data (Rs) EPS adjusted 27.96 44.82 33.30 30.14 30.21 EPS reported 27.96 44.82 33.30 30.14 30.21 EVPS 98.09 131.93 157.06 179.04 201.09 DPS 7.00 10.01 7.00 7.00 7.00 Profit & Loss (RsM) V 47.323 51.90 -45.98 4.895 5.321 Net interest expense -5.38 -605 -1.177 -1.811 -2.229 Non-operating/exceptionals 250 223 128 128 128 Reported net income 2.013 3.234 2.403 2.175 2.180 Adjusted earnings 2.013 3.234 2.403 2.175 2.180	Valuation Ratios					
PIBV (x) 3.0 2.3 1.9 1.7 1.5 Dividend yield (%) 2.4 3.4 2.4 2.4 2.4 Per Share Data (Rs) EPS reported 27.96 44.82 33.30 30.14 30.21 EPS reported 27.96 44.82 33.30 30.14 20.19 DPS 7.00 10.01 7.00 7.00 7.00 Ders 7.00 10.01 7.00 7.00 7.00 Profit & Loss (RsM) Net sales 30.734 47.498 35.042 43.798 52.553 Operating expenses -27.395 -42.309 -30.444 -38.902 -47.232 EBIT 3,3951 4.608 3.549 3.212 3.221 3.221 Pre-tax profit 3,051 4.608 3.549 3.212 3.221 3.221 Tax -1.037 -1.4 0 0 0 0 Resported net income 2.013 3.234 2.403 2.175 2.180 <	P/E adjusted (x)	10.6	6.6	8.9	9.9	9.8
Dividend yield (%) 2.4 3.4 2.4 2.4 2.4 Per Sare Data (Rs) EPS adjusted 27.96 44.82 33.30 30.14 30.21 EPS adjusted 27.96 44.82 33.30 30.14 30.21 BVPS 98.09 131.93 157.06 179.04 201.09 DPS 7.00 10.01 7.00 7.00 7.00 Profit & Loss (RsM) 47.498 35.042 43.798 52.553 Operating expenses -27.395 42.309 -0.0.444 -38.902 47.232 EBIT 3.339 5.190 4.598 4.895 5.211 Non-operating/exceptionals 250 223 128 128 128 Pre-tax profit 3.051 4.608 3.549 3.212 3.221 3.221 3.221 3.221 3.221 3.234 2.403 2.175 2.180 Adjusted earnings 2.013 3.234 2.403 2.175 2.180 Adjusted	EV/EBITDA adjusted (x)	6.7	4.8	7.2	10.6	14.0
Per Share Data (Rs) EPS adjusted 27.96 44.82 33.30 30.14 30.21 EPS reported 27.96 44.82 33.30 30.14 30.21 BVPS 98.09 131.93 157.06 179.04 201.09 DPS 7.00 10.01 7.00 7.00 7.00 Profit & Loss (RsM) .	P/BV (x)	3.0	2.3	1.9	1.7	1.5
EPS adjusted 27.96 44.82 33.30 30.14 30.21 EPS reported 27.96 44.82 33.30 30.14 30.21 BVPS 98.09 131.93 157.06 179.04 201.09 DPS 7.00 10.01 7.00 7.00 7.00 Profit & Loss (RSM) Net sales 30,734 47,498 35,042 43,798 52,553 Operating expenses -27,395 42,309 -30,444 -38,902 47,232 EBIT 3,339 5,190 4,598 4,895 5,321 Non-operating/exceptionals 250 223 128 128 128 Pre-tax profit 3,051 4,608 3,549 3,212 3,221 Tax -1,037 -1,577 -1,146 -1,038 -1,041 Extraord./Min.Int/Pref.div. -1 4 0 0 0 Adjusted earnings 2,013 3,234 2,403 2,175 2,180 Adjusted feBITDA	Dividend yield (%)	2.4	3.4	2.4	2.4	2.4
EPS reported 27.96 44.82 33.30 30.14 30.21 BVPS 98.09 131.93 157.06 179.04 201.09 DPS 7.00 10.01 7.00 7.00 7.00 Profit & Loss (R&M)	Per Share Data (Rs)					
BVPS 98.09 131.93 157.06 179.04 201.09 Profit & Loss (RsM) 7.00 7.00 7.00 7.00 7.00 Profit & Loss (RsM) 3.0734 47.498 35.042 43.798 52.553 Operating expenses -27.395 42.309 -30.444 -38.902 47.232 EBT 3.339 5.190 4.598 4.895 5.321 Non-operating/exceptionals 250 223 128 128 128 Pre-tax profit 3.051 4.608 3.549 3.212 3.221 Tax -1.037 -1.577 -1.146 -1.038 -1.041 Extraord.//in.Int./Pref.div. -1 4 0 0 0 Reported net income 2.013 3.234 2.403 2.175 2.180 Adjusted EBTDA 3.442 5.363 4.801 5.146 5.611 Growth Rates (%) Sales 5.9.2 54.5 -10.5 7.2 9.1 EBTDA adju	EPS adjusted	27.96	44.82	33.30	30.14	30.21
DPS 7.00 10.01 7.00 7.00 Profit & Loss (RsM)	EPS reported	27.96	44.82	33.30	30.14	30.21
Profit & Loss (RsM) Net sales 30,734 47,498 35,042 43,798 52,553 Operating expenses -27,395 42,309 -30,444 -38,902 47,232 EBIT 3,339 5,190 4,598 4,895 5,321 Net interest expense -538 -605 -1,177 -1,811 -2,229 Non-operating/exceptionals 250 223 128 128 128 Pre-tax profit 3,051 4,808 3,549 3,212 3,221 Tax -1,037 -1,577 -1,146 -1,038 -1,041 Extraord/Min.Int/Pref.div. -1 4 0 0 0 Adjusted earnings 2,013 3,234 2,403 2,175 2,180 Adjusted 65.8 55.4 -11.4 6.5 8.7 EBIT adjusted 65.8 55.4 -11.4 6.5 8.7 EBIT adjusted 64.8 55.8 -10.5 7.2 9.1	BVPS	98.09	131.93	157.06	179.04	201.09
Net sales 30,734 47,498 35,042 43,798 52,553 Operating expenses -27,395 -42,309 -30,444 -38,902 -47,232 EBIT 3,339 5,190 4,598 4,895 5,321 Non-operating/exceptionals 250 223 128 128 128 Pre-tax profit 3,051 4,608 3,549 3,212 3,221 Tax -1,037 -1,577 -1,146 -1,038 -1,041 Extraord/Min.Int/Pref.div. -1 4 0 0 0 Reported net income 2,013 3,234 2,403 2,175 2,180 Adjusted earnings 2,013 3,234 2,403 2,175 2,180 Adjusted EBITDA 3,442 5,363 4,801 5,146 5,611 Growth Rates (%) Stass 5,01 5,7 9,5 0,3 Cash Flow (RsM) Operating cash flow 3,101 -2,130 -7,228 4,139 -6,643	DPS	7.00	10.01	7.00	7.00	7.00
Operating expenses -27,395 42,309 -30,444 -38,902 47,232 EBIT 3,339 5,190 4,598 4,895 5,221 Net interest expense -538 -605 -1,177 -1,811 -2,229 Pre-tax profit 3,051 4,808 3,549 3,212 3,221 Tax -1,037 -1,577 -1,146 -1,038 -1,041 Extraord/Min.Int/Pref.div. -1 4 0 0 0 Reported net income 2,013 3,234 2,403 2,175 2,180 Adjusted earnings 2,013 3,234 2,403 2,175 2,180 Adjusted EBITDA 3,442 5,363 4,801 5,146 5,611 Growth Rates (%) - - - - 2,000 EBIT adjusted 66.8 55.4 -11.4 6.5 8.7 Ballos Cond 7.4 60.3 -25.7 -9.5 0.3 Cash Flow (RsM) 0 0 0 0 <td>Profit & Loss (RsM)</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Profit & Loss (RsM)					
EBIT 3,339 5,190 4,598 4,895 5,321 Net interest expense -538 -605 -1,177 -1,811 -2,229 Non-operating/exceptionals 250 223 128 128 128 Pre-tax profit 3,051 4,808 3,549 3,212 3,221 Tax -1,037 -1,577 -1,146 -1,038 -1,041 Extraord/Min.Int/Pref.div. -1 4 0 0 0 Reported net income 2,013 3,234 2,403 2,175 2,180 Adjusted earnings 2,013 3,234 2,403 2,175 2,180 Adjusted EBITDA 3,442 5,363 4,801 5,146 5,611 Growth Rates (%) Sales 59.2 54.5 -26.2 25.0 20.0 EBIT adjusted 66.8 55.8 -10.5 7.2 9.1 EPS adjusted 74.4 60.3 -25.7 -9.5 0.3 Depreciation/amotization	Net sales	30,734	47,498	35,042	43,798	52,553
Net interest expense -538 -605 -1,177 -1,811 -2,229 Non-operating/exceptionals 250 223 128 128 128 Pre-tax profit 3,051 4,808 3,549 3,212 3,221 Tax -1,037 -1,1577 -1,146 -1,038 -1,041 Extraord./Min.Int./Pref.div. -1 4 0 0 0 Reported net income 2,013 3,234 2,403 2,175 2,180 Adjusted EBITDA 3,442 5,363 4,801 5,146 5,611 Growth Rates (%) Sales 59.2 54.5 -26.2 25.0 20.0 EBITDA adjusted 66.8 55.4 -11.4 6.5 8.7 21.7 2.9 9.1 Sales 59.2 54.5 -26.2 25.0 20.0 22.0 20.0 23.0 25.7 9.5 0.3 23.0 25.7 9.5 0.3 23.0 25.7 9.5 0.3 23.16 <td>Operating expenses</td> <td>-27,395</td> <td>-42,309</td> <td>-30,444</td> <td>-38,902</td> <td>-47,232</td>	Operating expenses	-27,395	-42,309	-30,444	-38,902	-47,232
Non-operating/exceptionals 250 223 128 128 128 Pre-tax profit 3,051 4,808 3,549 3,212 3,221 Tax -1,037 -1,577 -1,146 -1,038 -1,041 Extraord/Min.Int//Pref.div. -1 4 0 0 0 Reported net income 2,013 3,234 2,403 2,175 2,180 Adjusted earnings 2,013 3,234 2,403 2,175 2,180 Adjusted earnings 2,013 3,234 2,403 2,175 2,180 Adjusted EBITDA 3,442 5,363 4,801 5,146 5,611 Growth Rates (%) S S -26.2 25.0 20.0 EBIT adjusted 64.8 55.8 -10.5 7.2 9.1 EPS adjusted 74.4 60.3 -25.7 -9.5 0.3 Depreciation/amortization 103 173 203 250 290 Net King cash flow 3629	EBIT	3,339	5,190	4,598	4,895	5,321
Pre-tax profit 3,051 4,808 3,549 3,212 3,221 Tax -1,037 -1,577 -1,146 -1,038 -1,041 Extraord./Min.Int./Pref.div. -1 4 0 0 0 Reported net income 2,013 3,234 2,403 2,175 2,180 Adjusted earnings 2,013 3,234 2,403 2,175 2,180 Adjusted EBITDA 3,442 5,363 4,801 5,146 5,611 Growth Rates (%) S 5 2,25.0 20.00 200 Depreciation/amortization 103 173 203 250 290 Net working capital 180 -7,060 -10,064 -6,772 -9,142 Investing cash flow <td>Net interest expense</td> <td>-538</td> <td>-605</td> <td>-1,177</td> <td>-1,811</td> <td>-2,229</td>	Net interest expense	-538	-605	-1,177	-1,811	-2,229
Tax -1,037 -1,577 -1,146 -1,038 -1,041 Extraord./Min.Int./Pref.div. -1 4 0 0 0 Reported net income 2,013 3,234 2,403 2,175 2,180 Adjusted earnings 2,013 3,234 2,403 2,175 2,180 Adjusted EBITDA 3,442 5,363 4,801 5,146 5,611 Growth Rates (%) 54.5 -26.2 25.0 20.0 EBITD A adjusted 66.8 55.4 -11.4 6.5 8.7 EBITDA adjusted 64.8 55.8 -10.5 7.2 9.1 EPS adjusted 74.4 60.3 -25.7 -9.5 0.3 Cash Fiow (RSM) 0 0 2030 250 290 Net working capital 180 -7,060 -10,064 -6,772 -9,142 Investing cash flow -629 -1,455 -4,718 -23,316 -16,175 Capital expenditure -629 -1,455 </td <td>Non-operating/exceptionals</td> <td>250</td> <td>223</td> <td>128</td> <td>128</td> <td>128</td>	Non-operating/exceptionals	250	223	128	128	128
Extraord./Min.Int/Pref.div. -1 4 0 0 0 Reported net income 2,013 3,234 2,403 2,175 2,180 Adjusted earnings 2,013 3,234 2,403 2,175 2,180 Adjusted EBITDA 3,442 5,363 4,601 5,146 5,611 Growth Rates (%)	Pre-tax profit	3,051	4,808	3,549	3,212	3,221
Reported net income 2,013 3,234 2,403 2,175 2,180 Adjusted earnings 2,013 3,234 2,403 2,175 2,180 Adjusted EBITDA 3,442 5,363 4,801 5,146 5,611 Growth Rates (%) Sales 59.2 54.5 -26.2 25.0 20.0 Sales 59.2 54.5 -26.2 25.0 20.0 20.1 EBIT adjusted 65.8 55.4 -11.4 6.5 8.7 EBIT DA adjusted 64.8 55.8 -10.5 7.2 9.1 EPS adjusted 74.4 60.3 -25.7 -9.5 0.3 Cash Flow (RsM) 0 -7.060 -10.064 -6.772 9.142 Investing cash flow -629 -1,455 -4,718 -23,316 -16,175 Capital expenditure -629 -1,455 -4,718 -23,316 -16,175 Acquisitions/disposals 0 0 0 0 0 0	Тах	-1,037	-1,577	-1,146	-1,038	-1,041
Adjusted earnings 2,013 3,234 2,403 2,175 2,180 Adjusted EBITDA 3,442 5,363 4,801 5,146 5,611 Growth Rates (%) Sales 59.2 54.5 -26.2 25.0 20.0 EBIT adjusted 65.8 55.4 -11.4 6.5 8.7 EBITDA adjusted 64.8 55.8 -10.5 7.2 9.1 EPS adjusted 74.4 60.3 -25.7 -9.5 0.3 Cash Flow (RSM) 0 -7,028 -4,139 -6,463 Depreciation/amortization 103 173 203 250 290 Net working capital 180 -7,060 -10,064 -6,772 -9,142 Investing cash flow -629 -1,455 -4,718 -23,316 -16,175 Acquisitions/disposals 0 0 0 0 0 Borrowings 985 5,912 10,708 21,922 22,137 Borrowings 985 5,029 1,553 1,480 1,480 Dividends paid -5	Extraord./Min.Int./Pref.div.	-1	4	0	0	0
Adjusted EBITDA 3,442 5,363 4,801 5,146 5,611 Growth Rates (%) 59.2 54.5 -26.2 25.0 20.0 EBIT adjusted 65.8 55.4 -11.4 6.5 8.7 EBITDA adjusted 64.8 55.8 -10.5 7.2 9.1 EPS adjusted 74.4 60.3 -25.7 -9.5 0.3 Cash Flow (RsM) 0 -7,020 -7,228 -4,139 -6,463 Depreciation/amortization 103 173 203 250 290 Net working capital 180 -7,060 -10,064 -6,772 -9,142 Investing cash flow -629 -1,455 -4,718 -23,316 -16,175 Capuisitions/disposals 0 0 0 0 0 0 Borrowings 985 5,299 10,553 21,394 21,480 Dividends paid -590 -842 -589 -589 -589 Change in cash 2,868 1,427 -1,238 -5,533 -501 Balance Sheet (Reported net income	2,013	3,234	2,403	2,175	2,180
Growth Rates (%) Sales 59.2 54.5 -26.2 25.0 20.0 EBIT adjusted 65.8 55.4 -11.4 6.5 8.7 EBITDA adjusted 64.8 55.8 -10.5 7.2 9.1 EPS adjusted 74.4 60.3 -25.7 -9.5 0.3 Cash Flow (RsM) Operating cash flow 3,101 -2,130 -7,228 -4,139 -6,463 Depreciation/amortization 103 173 203 250 290 Net working capital 180 -7,060 -10,064 -6,772 -9,142 Investing cash flow -629 -1,455 -4,718 -23,316 -16,175 Acquisitions/disposals 0 0 0 0 0 Dividends paid -590 -842 -589 -589 -589 Change in cash 2,868 1,427 -1,238 -5,533 -501 Balance Sheet (RSM) Total assets 38,006 54,006 61,997 89,535	Adjusted earnings	2,013	3,234	2,403	2,175	2,180
Sales 59.2 54.5 -26.2 25.0 20.0 EBIT adjusted 65.8 55.4 -11.4 6.5 8.7 EBT adjusted 64.8 55.8 -10.5 7.2 9.1 EPS adjusted 74.4 60.3 -25.7 -9.5 0.3 Cash Flow (RsM) Operating cash flow 3,101 -2,130 -7,228 -4,139 -6,463 Depreciation/amortization 103 173 203 250 290 Net working capital 180 -7,060 -10,064 -6,772 -9,142 Investing cash flow -629 -1,455 -4,718 -23,316 -16,175 Acquisitions/disposals 0 0 0 0 0 Dividends paid -590 -842 -589 -589 -589 Change in cash 2,868 1,427 -1,238 -5,533 -501 Balance Sheet (RSM) Total assets 38,006 54,006 61,997 89,535 114,327	Adjusted EBITDA	3,442	5,363	4,801	5,146	5,611
EBIT adjusted 65.8 55.4 -11.4 6.5 8.7 EBITDA adjusted 64.8 55.8 -10.5 7.2 9.1 EPS adjusted 74.4 60.3 -25.7 -9.5 0.3 Cash Flow (RsM)	Growth Rates (%)					
EBITDA adjusted 64.8 55.8 -10.5 7.2 9.1 EPS adjusted 74.4 60.3 -25.7 -9.5 0.3 Cash Flow (RsM)	Sales	59.2	54.5	-26.2	25.0	20.0
EPS adjusted 74.4 60.3 -25.7 -9.5 0.3 Cash Flow (RsM) Operating cash flow 3,101 -2,130 -7,228 -4,139 -6,463 Depreciation/amortization 103 173 203 250 290 Net working capital 180 -7,060 -10,064 -6,772 -9,142 Investing cash flow -629 -1,455 -4,718 -23,316 -16,175 Capital expenditure -629 -1,455 -4,718 -23,316 -16,175 Acquisitions/disposals 0 0 0 0 0 0 Financing cash flow 396 5,012 10,708 21,922 22,137 Borrowings 985 5,299 10,553 21,394 21,480 Dividends paid -590 -842 -589 -589 Change in cash 2,868 1,427 -1,238 -5,533 -501 Balance Sheet (RsM) Total assets 38,006 54,006 61,997 89,535 114,3	EBIT adjusted	65.8	55.4	-11.4	6.5	8.7
Cash Flow (RsM) Operating cash flow 3,101 -2,130 -7,228 -4,139 -6,463 Depreciation/amortization 103 173 203 250 290 Net working capital 180 -7,060 -10,064 -6,772 -9,142 Investing cash flow -629 -1,455 -4,718 -23,316 -16,175 Capital expenditure -629 -1,455 -4,718 -23,316 -16,175 Acquisitions/disposals 0 0 0 0 0 0 Financing cash flow 396 5,012 10,708 21,922 22,137 Borrowings 985 5,299 10,553 21,394 21,480 Dividends paid -590 -842 -589 -589 -589 Change in cash 2,868 1,427 -1,238 -5,533 -501 Balance Sheet (RsM) Total assets 38,006 54,006 61,997 89,535 114,327 Cash & cash equivalent 9,019 <	EBITDA adjusted	64.8	55.8	-10.5	7.2	9.1
Operating cash flow3,101-2,130-7,228-4,139-6,463Depreciation/amortization103173203250290Net working capital180-7,060-10,064-6,772-9,142Investing cash flow-629-1,455-4,718-23,316-16,175Capital expenditure-629-1,455-4,718-23,316-16,175Acquisitions/disposals00000Financing cash flow3965,01210,70821,92222,137Borrowings9855,29910,55321,39421,480Dividends paid-590-842-589-589-589Change in cash2,8681,427-1,238-5,533-501Balance Sheet (RsM)710,4499,2113,6783,177Accounts receivable19,80331,58035,02443,77652,527Net fixed assets1,5572,8407,35430,42046,305Total liabilities30,91443,96749,40074,23496,189Accounts payable11,02816,27411,37814,58017,710Total Debt8,07513,37323,92645,32066,800Shareholders' funds7,09210,03912,59715,30018,138Profitability/Solvency Ratios (%)11.211.313.711.710.7ROIC adjusted31.739.023.017.95.8Net debt to equity </td <td>EPS adjusted</td> <td>74.4</td> <td>60.3</td> <td>-25.7</td> <td>-9.5</td> <td>0.3</td>	EPS adjusted	74.4	60.3	-25.7	-9.5	0.3
Depreciation/amortization 103 173 203 250 290 Net working capital 180 -7,060 -10,064 -6,772 -9,142 Investing cash flow -629 -1,455 -4,718 -23,316 -16,175 Capital expenditure -629 -1,455 -4,718 -23,316 -16,175 Acquisitions/disposals 0 0 0 0 0 0 Financing cash flow 396 5,012 10,708 21,922 22,137 Borrowings 985 5,299 10,553 21,394 21,480 Dividends paid -590 -842 -589 -589 -589 Change in cash 2,868 1,427 -1,238 -5,533 -501 Balance Sheet (RSM) Total assets 38,006 54,006 61,997 89,535 114,327 Cash & cash equivalent 9,019 10,449 9,211 3,678 3,177 Accounts receivable 19,803 31,580 35,024 43,	Cash Flow (RsM)					
Net working capital 180 -7,060 -10,064 -6,772 -9,142 Investing cash flow -629 -1,455 -4,718 -23,316 -16,175 Capital expenditure -629 -1,455 -4,718 -23,316 -16,175 Acquisitions/disposals 0 0 0 0 0 0 0 Financing cash flow 396 5,012 10,708 21,922 22,137 Borrowings 985 5,299 10,553 21,394 21,480 Dividends paid -590 -842 -589 -589 -589 Change in cash 2,868 1,427 -1,238 -5,533 -501 Balance Sheet (RsM) Total assets 38,006 54,006 61,997 89,535 114,327 Cash & cash equivalent 9,019 10,449 9,211 3,678 3,177 Accounts receivable 19,803 31,580 35,024 43,776 52,527 Net fixed assets 1,557 2,840 7,35	Operating cash flow	3,101	-2,130	-7,228	-4,139	-6,463
Investing cash flow-629-1,455-4,718-23,316-16,175Capital expenditure-629-1,455-4,718-23,316-16,175Acquisitions/disposals00000Financing cash flow3965,01210,70821,92222,137Borrowings9855,29910,55321,39421,480Dividends paid-590-842-589-589-589Change in cash2,8681,427-1,238-5,533-501Balance Sheet (RsM)Total assets38,00654,00661,99789,535114,327Cash & cash equivalent9,01910,4499,2113,6783,177Accounts receivable19,80331,58035,02443,77652,527Net fixed assets1,5572,8407,35430,42046,305Total liabilities30,91443,96749,40074,23496,189Accounts payable11,02816,27411,37814,58017,710Total Debt8,07513,37323,92645,32066,800Shareholders' funds7,09210,03912,59715,30018,138Profitability/Solvency Ratios (%)EBITDA margin adjusted11.211.313.711.710.7ROIC adjusted25.524.413.07.95.8Net debt to equity-13.329.1116.8272.2350.8	Depreciation/amortization	103	173	203	250	290
Capital expenditure-629-1,455-4,718-23,316-16,175Acquisitions/disposals00000Financing cash flow3965,01210,70821,92222,137Borrowings9855,29910,55321,39421,480Dividends paid-590-842-589-589-589Change in cash2,8681,427-1,238-5,533-501Balance Sheet (RsM)77,1233,6783,177Cash & cash equivalent9,01910,4499,2113,6783,177Accounts receivable19,80331,58035,02443,77652,527Net fixed assets1,5572,8407,35430,42046,305Total liabilities30,91443,96749,40074,23496,189Accounts payable11,02816,27411,37814,58017,710Total Debt8,07513,37323,92645,32066,800Shareholders' funds7,09210,03912,59715,30018,138Profitability/Solvency Ratios (%)EBITDA margin adjusted11.211.313.711.710.7ROIC adjusted25.524.413.07.95.8Net debt to equity-13.329.1116.8272.2350.8	Net working capital	180	-7,060	-10,064	-6,772	-9,142
Acquisitions/disposals00000Financing cash flow3965,01210,70821,92222,137Borrowings9855,29910,55321,39421,480Dividends paid-590-842-589-589-589Change in cash2,8681,427-1,238-5,533-501Balance Sheet (RsM)Total assets38,00654,00661,99789,535114,327Cash & cash equivalent9,01910,4499,2113,6783,177Accounts receivable19,80331,58035,02443,77652,527Net fixed assets1,5572,8407,35430,42046,305Total liabilities30,91443,96749,40074,23496,189Accounts payable11,02816,27411,37814,58017,710Total Debt8,07513,37323,92645,32066,800Shareholders' funds7,09210,03912,59715,30018,138Profitability/Solvency Ratios (%)EBITDA margin adjusted11.211.313.711.710.7ROIC adjusted25.524.413.07.95.8Net debt to equity-13.329.1116.8272.2350.8	Investing cash flow	-629	-1,455	-4,718	-23,316	-16,175
Financing cash flow3965,01210,70821,92222,137Borrowings9855,29910,55321,39421,480Dividends paid-590-842-589-589-589Change in cash2,8681,427-1,238-5,533-501Balance Sheet (RsM)Total assets38,00654,00661,99789,535114,327Cash & cash equivalent9,01910,4499,2113,6783,177Accounts receivable19,80331,58035,02443,77652,527Net fixed assets1,5572,8407,35430,42046,305Total liabilities30,91443,96749,40074,23496,189Accounts payable11,02816,27411,37814,58017,710Total Debt8,07513,37323,92645,32066,800Shareholders' funds7,09210,03912,59715,30018,138Profitability/Solvency Ratios (%)EBITDA margin adjusted11.211.313.711.710.7ROIC adjusted25.524.413.07.95.8Net debt to equity-13.329.1116.8272.2350.8	Capital expenditure	-629	-1,455	-4,718	-23,316	-16,175
Borrowings9855,29910,55321,39421,480Dividends paid-590-842-589-589-589Change in cash2,8681,427-1,238-5,533-501Balance Sheet (RsM)Total assets38,00654,00661,99789,535114,327Cash & cash equivalent9,01910,4499,2113,6783,177Accounts receivable19,80331,58035,02443,77652,527Net fixed assets1,5572,8407,35430,42046,305Total liabilities30,91443,96749,40074,23496,189Accounts payable11,02816,27411,37814,58017,710Total Debt8,07513,37323,92645,32066,800Shareholders' funds7,09210,03912,59715,30018,138Profitability/Solvency Ratios (%)EBITDA margin adjusted11.211.313.711.710.7ROIC adjusted25.524.413.07.95.8Net debt to equity-13.329.1116.8272.2350.8		0	0	0	0	0
Dividends paid-590-842-589-589-589Change in cash2,8681,427-1,238-5,533-501Balance Sheet (RsM)Total assets38,00654,00661,99789,535114,327Cash & cash equivalent9,01910,4499,2113,6783,177Accounts receivable19,80331,58035,02443,77652,527Net fixed assets1,5572,8407,35430,42046,305Total liabilities30,91443,96749,40074,23496,189Accounts payable11,02816,27411,37814,58017,710Total Debt8,07513,37323,92645,32066,800Shareholders' funds7,09210,03912,59715,30018,138Profitability/Solvency Ratios (%)EBITDA margin adjusted11.211.313.711.710.7ROIC adjusted25.524.413.07.95.8Net debt to equity-13.329.1116.8272.2350.8	Financing cash flow	396	5,012	10,708	21,922	22,137
Change in cash2,8681,427-1,238-5,533-501Balance Sheet (RsM)Total assets38,00654,00661,99789,535114,327Cash & cash equivalent9,01910,4499,2113,6783,177Accounts receivable19,80331,58035,02443,77652,527Net fixed assets1,5572,8407,35430,42046,305Total liabilities30,91443,96749,40074,23496,189Accounts payable11,02816,27411,37814,58017,710Total Debt8,07513,37323,92645,32066,800Shareholders' funds7,09210,03912,59715,30018,138Profitability/Solvency Ratios (%)EBITDA margin adjusted11.211.313.711.710.7ROE adjusted31.739.023.017.915.9ROIC adjusted25.524.413.07.95.8Net debt to equity-13.329.1116.8272.2350.8			5,299	10,553	21,394	21,480
Balance Sheet (RsM) Total assets 38,006 54,006 61,997 89,535 114,327 Cash & cash equivalent 9,019 10,449 9,211 3,678 3,177 Accounts receivable 19,803 31,580 35,024 43,776 52,527 Net fixed assets 1,557 2,840 7,354 30,420 46,305 Total liabilities 30,914 43,967 49,400 74,234 96,189 Accounts payable 11,028 16,274 11,378 14,580 17,710 Total Debt 8,075 13,373 23,926 45,320 66,800 Shareholders' funds 7,092 10,039 12,597 15,300 18,138 Profitability/Solvency Ratios (%) E E BITDA margin adjusted 11.2 11.3 13.7 11.7 10.7 ROIC adjusted 25.5 24.4 13.0 7.9 5.8 Net debt to equity -13.3 29.1 116.8 272.2 350.8	Dividends paid	-590		-589	-589	-589
Total assets38,00654,00661,99789,535114,327Cash & cash equivalent9,01910,4499,2113,6783,177Accounts receivable19,80331,58035,02443,77652,527Net fixed assets1,5572,8407,35430,42046,305Total liabilities30,91443,96749,40074,23496,189Accounts payable11,02816,27411,37814,58017,710Total Debt8,07513,37323,92645,32066,800Shareholders' funds7,09210,03912,59715,30018,138Profitability/Solvency Ratios (%)EBITDA margin adjusted11.211.313.711.710.7ROIC adjusted25.524.413.07.95.8Net debt to equity-13.329.1116.8272.2350.8		2,868	1,427	-1,238	-5,533	-501
Cash & cash equivalent9,01910,4499,2113,6783,177Accounts receivable19,80331,58035,02443,77652,527Net fixed assets1,5572,8407,35430,42046,305Total liabilities30,91443,96749,40074,23496,189Accounts payable11,02816,27411,37814,58017,710Total Debt8,07513,37323,92645,32066,800Shareholders' funds7,09210,03912,59715,30018,138Profitability/Solvency Ratios (%)EBITDA margin adjusted11.211.313.711.710.7ROIC adjusted25.524.413.07.95.8Net debt to equity-13.329.1116.8272.2350.8	Balance Sheet (RsM)					
Accounts receivable19,80331,58035,02443,77652,527Net fixed assets1,5572,8407,35430,42046,305Total liabilities30,91443,96749,40074,23496,189Accounts payable11,02816,27411,37814,58017,710Total Debt8,07513,37323,92645,32066,800Shareholders' funds7,09210,03912,59715,30018,138Profitability/Solvency Ratios (%)EBITDA margin adjusted11.211.313.711.710.7ROE adjusted31.739.023.017.915.9ROIC adjusted25.524.413.07.95.8Net debt to equity-13.329.1116.8272.2350.8	Total assets	38,006	54,006	61,997	89,535	114,327
Net fixed assets1,5572,8407,35430,42046,305Total liabilities30,91443,96749,40074,23496,189Accounts payable11,02816,27411,37814,58017,710Total Debt8,07513,37323,92645,32066,800Shareholders' funds7,09210,03912,59715,30018,138Profitability/Solvency Ratios (%)EBITDA margin adjusted11.211.313.711.710.7ROE adjusted31.739.023.017.915.9ROIC adjusted25.524.413.07.95.8Net debt to equity-13.329.1116.8272.2350.8	Cash & cash equivalent	9,019	10,449	9,211	3,678	3,177
Total liabilities30,91443,96749,40074,23496,189Accounts payable11,02816,27411,37814,58017,710Total Debt8,07513,37323,92645,32066,800Shareholders' funds7,09210,03912,59715,30018,138Profitability/Solvency Ratios (%)EBITDA margin adjusted11.211.313.711.710.7ROE adjusted31.739.023.017.915.9ROIC adjusted25.524.413.07.95.8Net debt to equity-13.329.1116.8272.2350.8	Accounts receivable		31,580	35,024	43,776	52,527
Accounts payable11,02816,27411,37814,58017,710Total Debt8,07513,37323,92645,32066,800Shareholders' funds7,09210,03912,59715,30018,138Profitability/Solvency Ratios (%)EBITDA margin adjusted11.211.313.711.710.7ROE adjusted31.739.023.017.915.9ROIC adjusted25.524.413.07.95.8Net debt to equity-13.329.1116.8272.2350.8	Net fixed assets	1,557	2,840	7,354	30,420	46,305
Total Debt8,07513,37323,92645,32066,800Shareholders' funds7,09210,03912,59715,30018,138Profitability/Solvency Ratios (%)EBITDA margin adjusted11.211.313.711.710.7ROE adjusted31.739.023.017.915.9ROIC adjusted25.524.413.07.95.8Net debt to equity-13.329.1116.8272.2350.8	Total liabilities	30,914	43,967	49,400	74,234	96,189
Shareholders' funds7,09210,03912,59715,30018,138Profitability/Solvency Ratios (%)EBITDA margin adjusted11.211.313.711.710.7ROE adjusted31.739.023.017.915.9ROIC adjusted25.524.413.07.95.8Net debt to equity-13.329.1116.8272.2350.8	Accounts payable	11,028	16,274	11,378	14,580	17,710
Profitability/Solvency Ratios (%) EBITDA margin adjusted 11.2 11.3 13.7 11.7 10.7 ROE adjusted 31.7 39.0 23.0 17.9 15.9 ROIC adjusted 25.5 24.4 13.0 7.9 5.8 Net debt to equity -13.3 29.1 116.8 272.2 350.8	Total Debt	8,075	13,373	23,926	45,320	66,800
EBITDA margin adjusted11.211.313.711.710.7ROE adjusted31.739.023.017.915.9ROIC adjusted25.524.413.07.95.8Net debt to equity-13.329.1116.8272.2350.8	Shareholders' funds	7,092	10,039	12,597	15,300	18,138
ROE adjusted31.739.023.017.915.9ROIC adjusted25.524.413.07.95.8Net debt to equity-13.329.1116.8272.2350.8	Profitability/Solvency Ratios (%)					
ROE adjusted31.739.023.017.915.9ROIC adjusted25.524.413.07.95.8Net debt to equity-13.329.1116.8272.2350.8	EBITDA margin adjusted	11.2	11.3	13.7	11.7	10.7
ROIC adjusted 25.5 24.4 13.0 7.9 5.8 Net debt to equity -13.3 29.1 116.8 272.2 350.8	ROE adjusted	31.7	39.0	23.0	17.9	15.9
Net debt to equity -13.3 29.1 116.8 272.2 350.8	-					
· ·	-				272.2	
	Total debt to capital	53.2	57.1	65.5	74.8	78.6

For further data queries on Citi's full coverage universe please contact CIRA Data Services Asia Pacific at CIRADataServicesAsiaPacific@citi.com or +852-2501-2791



Figure 1. BGRL 2QFY12 Results Review

Year End Mar31 (Rsmn)	Q111	Q112	Q211	Q212	Q212E
Backlog	93,971	75,000	105,000	72,564	na
Total Sales	9,054	7,312	11,337	7,706	10,203
% growth YoY	191.1%	-19.2%	143.3%	-32.0%	-10.0%
EBITDA	1,025	931	1,304	1,093	1,296
EBITDA margin%	11.3%	12.7%	11.5%	14.2%	12.7%
Change bps	(225)	141	(80)	267	119
Depreciation	(31)	(37)	(33)	(40)	(39)
EBIT	994	894	1,272	1,053	1,257
EBIT margin%	11.0%	12.2%	11.2%	13.7%	12.3%
Financial Expenses	(116)	(180)	(138)	(302)	(210)
Other Income	26	0	26	0	0
Other Operating Income	12	30	19	9	37
РВТ	917	743	1,178	761	1,084
Tax Expense	(312)	(241)	(400)	(247)	(358)
Tax Rate %	34.0%	32.4%	34.0%	32.5%	33.0%
PAT	605	503	778	514	726

Source: Company and Citi Investment Research and Analysis estimates

Figure 2. BGRL – Deteriorating Balance Sheet

Year End Mar31 (Rsmn)	1HFY10	FY10	1HFY11	FY11	1HFY12
Debtor Days of Sales	300	235	258	243	478
(NCA – Cash) Days of Sales	112	73	119	103	289
D/E	1.4	1.3	1.7	1.4	2.2
Net Debt/ Equity	(0.2)	(0.1)	0.7	0.4	1.3

Source: Citi Investment Research and Analysis

Figure 3. BGRL – Cash Flow From Operations

Year End Mar31 (Rsmn)	1HFY11	1HFY12
PAT	1,383	1,016
Depreciation	64	77
Change in DTL	294	187
Change in WC	(7,141)	(10,353)
CFO	(5,400)	(9,073)

Source: Citi Investment Research and Analysis

Figure 4. BGRL EPS – CIRA vs. Consensus

	FY12E	FY13E	FY14E
CIRA	33.30	30.14	30.21
Consensus	45.60	46.70	44.40
Change	-27%	-35%	-32%

Source: Bloomberg and CIRA estimates

Figure 5. BGRL Earnings Revision

Year End Mar31 (Rsmn)	FY12E	FY13E	FY14E
Sales			
Old	41,915	52,389	62,862
New	35,042	43,798	52,553
Change	-16.4%	-16.4%	-16.4%
EBITDA			
Old	5,196	5,981	6,511
New	4,801	5,146	5,611
Change	-7.6%	-14.0%	-13.8%
Margin %			
Old	12.4%	11.4%	10.4%
New	13.7%	11.7%	10.7%
Change	130	33	32
PAT			
Old	2,897	3,168	3,297
New	2,403	2,175	2,180
Change	-17.1%	-31.4%	-33.9%
EPS			
Old	40.15	43.90	45.68
New	33.30	30.14	30.21
Change	-17.1%	-31.4%	-33.9%

Source: Citi Investment Research and Analysis estimates

BGR Energy Systems

Company description

BGRL was incorporated in 1985 as a joint venture (JV) between GEA Energietechnik GmbH, Germany (40% stake) and Mr. B.G. Raghupathy (60% stake). It was initially in the business of supplying condensate tube-cleaning systems and debris filters, with a turnover of ~Rs100m. In 1993, GEA's stake was bought out by B.G. Raghupathy. Around FY00, BGR decided to approach clients with an integrated power equipment offering, rather than multiple divisions of BGRL approaching the same set of clients. BGRL then also tied up with BHEL to provide BOP solutions to clients. It won BOP orders for 95MW Valuthur CCPP from TNEB and for 23MW captive plant from Aditya Cements in Rajasthan. In FY01, BGRL won the EPC contract from Aban for a 120MW gas power plant in TN. Following an IPO, BGRL listed on the stock exchanges on January 3, 2008. The company won its first 600MW EPC contract from TNEB in FY09. BGRL has also announced collaboration with Hitachi Power Europe GmbH, Germany (660MW, 800MW, 1,000MW and 1,100MW) for supercritical boilers and with Hitachi, Japan (660MW, 700MW, 800MW and 1,000MW) for supercritical turbines and generators.

Investment strategy

We rate BGR Energy Sell/High Risk. As India's Infrastructure and Industrial capex decelerated from FY09 ownwards, the overall opportunity pie growth has not kept pace with 1) the rise of multiple new players across subsectors; 2) influx of Koreans and Chinese in India; and 3) companies bidding and diversifying across subsectors. Over the last year problems have compounded in the power EPC, BTG and BOP markets on account of: 1) Coal India's production cuts putting the power sector's growth in jeopardy; 2) Deteriorating SEB finances leading to question marks about payment security; and 3) Since SEB finances are deteriorating, it is not picking up enough power and resorting to load shedding. This has led to a correction in merchant prices. Even if orders rebound we expect margins to decline structurally going forward and BGRL with its weak balance sheet could find the going tough.

Valuation

Our Rs241 target price is based on a target P/E multiple of 8x Mar13E EPS (BGRL has traded in a P/E multiple band of 4x to 58x post listing) which is at a discount to the historical average P/E multiple of 14x given (1) structurally declining RoEs from 39% in FY11 to 16% by FY14E (2) EPS decline of 12% over FY11-14E v/s 55% growth over FY08-11 and (3) similar to FY11 we expect the operating cash flows to be negative over the next 3 years.

Risks

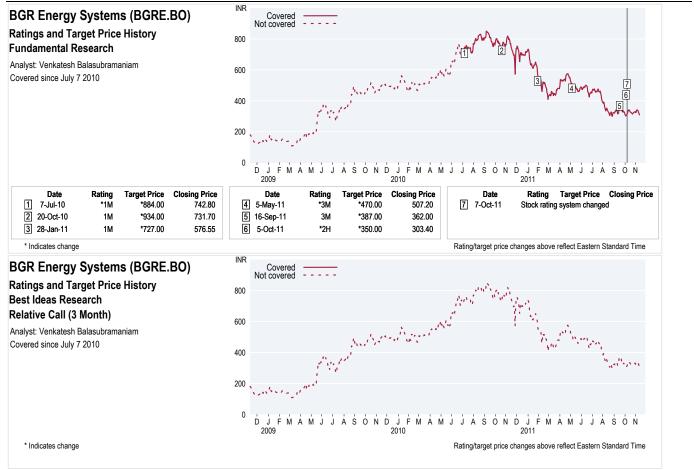
We rate BGR Energy High Risk due to increasing competitive intensity in the industry and concerns about future order inflows, key downside risks to our target price. Key upside risks to our target price include: (1) Better-than-expected order inflows; (2) Better-than-expected margins; (3) Better-than-expected execution.

Appendix A-1

Analyst Certification

The research analyst(s) primarily responsible for the preparation and content of this research report are named in bold text in the author block at the front of the product except for those sections where an analyst's name appears in bold alongside content which is attributable to that analyst. Each of these analyst(s) certify, with respect to the section(s) of the report for which they are responsible, that the views expressed therein accurately reflect their personal views about each issuer and security referenced and were prepared in an independent manner, including with respect to Citigroup Global Markets Inc and its affiliates. No part of the research analyst's compensation was, is, or will be, directly or indirectly, related to the specific recommendation(s) or view(s) expressed by that research analyst in this report.

IMPORTANT DISCLOSURES



Citigroup Global Markets Inc. or its affiliates beneficially owns 1% or more of any class of common equity securities of BGR Energy Systems. This position reflects information available as of the prior business day.

Analysts' compensation is determined based upon activities and services intended to benefit the investor clients of Citigroup Global Markets Inc. and its affiliates ("the Firm"). Like all Firm employees, analysts receive compensation that is impacted by overall firm profitability which includes investment banking revenues.

For important disclosures (including copies of historical disclosures) regarding the companies that are the subject of this Citi Investment Research & Analysis product ("the Product"), please contact Citi Investment Research & Analysis, 388 Greenwich Street, 28th Floor, New York, NY, 10013, Attention: Legal/Compliance [E6WYB6412478]. In addition, the same important disclosures, with the exception of the Valuation and Risk assessments and historical disclosures, are contained on the Firm's disclosure website at www.citigroupgeo.com. Valuation and Risk assessments can be found in the text of the most recent research note/report regarding the subject company. Historical disclosures (for up to the past three years) will be provided upon request.

Citi Investment Research & Analysis Ratings Distribution						
, ,	12 Month Rating			Relative Rating		
Data current as of 9 Oct 2011	Buy	Hold	Sell	Buy	Hold	Sell
Citi Investment Research & Analysis Global Fundamental Coverage	59%	34%	7%	10%	79%	10%

Citigroup Global Markets

% of companies in each rating category that are investment banking clients

Guide to Citi Investment Research & Analysis (CIRA) Fundamental Research Investment Ratings:

CIRA's stock recommendations include an investment rating and an optional risk rating to highlight high risk stocks.

Risk rating takes into account both price volatility and fundamental criteria. Stocks will either have no risk rating or a High risk rating assigned. Investment Ratings: CIRA's investment ratings are Buy, Neutral and Sell. Our ratings are a function of analyst expectations of expected total return ("ETR") and risk. ETR is the sum of the forecast price appreciation (or depreciation) plus the dividend yield for a stock within the next 12 months. The Investment rating definitions are: Buy (1) ETR of 15% or more or 25% or more for High risk stocks; and Sell (3) for negative ETR. Any covered stock not assigned a Buy or a Sell is a Neutral (2). For stocks rated Neutral (2), if an analyst believes that there are insufficient valuation drivers and/or investment catalysts to derive a positive or negative investment view, they may elect with the approval of CIRA management not to assign a target price and, thus, not derive an ETR. Analysts may place covered stocks "Under Review" in response to exceptional circumstances (e.g. lack of information critical to the analyst's thesis) affecting the company and / or trading in the company's securities (e.g. trading suspension). As soon as practically possible, the analyst will publish a note re-establishing a rating and investment thesis. To satisfy regulatory reguirements, we correspond Under Review and Neutral to Hold in our ratings distribution table for our 12-month fundamental rating system. However, we reiterate that we do not consider Under Review to be a recommendation. Relative three-month ratings: CIRA may also assign a three-month relative call (or rating) to a stock to highlight expected out-performance (most preferred) or under-performance (least preferred) versus the geographic and industry sector over a 3 month period. The relative call may highlight a specific near-term catalyst or event impacting the company or the market that is anticipated to have a short-term price impact on the equity securities of the company. Absent any specific catalyst the analyst(s) will indicate the most and least preferred stocks in the universe of stocks under consideration, explaining the basis for this short-term view. This three-month view may be different from and does not affect a stock's fundamental equity rating, which reflects a longer-term total absolute return expectation. For purposes of NASD/NYSE ratings-distribution-disclosure rules, most preferred calls correspond to a buy recommendation and least preferred calls correspond to a sell recommendation. Any stock not assigned to a most preferred or least preferred call is considered non-relative-rated (NRR). For purposes of NASD/NYSE ratings-distribution-disclosure rules we correspond NRR to Hold in our ratings distribution table for our 3-month relative rating system. However, we reiterate that we do not consider NRR to be a recommendation.

45%

42%

37%

50%

43%

46%

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