Equity | India | Electrical Equipment 25 February 2009

Bank of America Merrill Lynch

RESEARCH

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Stock Data

Price	Rs41.35
Price Objective	Rs103.00
Date Established	1-Feb-2009
Investment Opinion	C-1-7
Volatility Risk	HIGH
52-Week Range	Rs36.20-Rs321.00
Mrkt Val / Shares Out (mn)	US\$1,241 / 1,497.0
Average Daily Volume	29,315,390
ML Symbol / Exchange	SZEYF / BSE
Bloomberg / Reuters	SUEL IN / SUZL.BO
ROE (2009E)	14.5%
Net Dbt to Eqty (Mar-2008A)	32.6%
Est. 5-Yr EPS / DPS Growth	30.0% / 30.0%
Free Float	30.2%



New orders start to trickle-in

Suzlon wins 113MW order - 6% of Int. book from AGL; Buy

AGL Energy placed a third repeat order on Suzlon for 113MW order (6% of international order book) after successfully monetizing the 2nd wind farm. For Suzlon, this is the first material global order after a lull of almost a year, as clients appreciate performance of its new V3 turbines. We now look for orders from China, USA and India. Inexpensive valuations drive our Buy; we see major new orders wins and resolution of payment to Martifer in May'09 as catalysts.

AGL places 3rd repeat order on Suzlon for delivery in CY09

Suzlon won a 113MW order (6% of international order book) from the Australian utility, AGL Energy for the supply of 54 wind turbines of 2.1MW in 2009, after a lull of almost a year as clients appreciate performance of its new V3 turbines. To be delivered in CY09, this order will account for 5% of our FY10E international volumes ex-REpower. This is the third repeat order as AGL successfully monetized the wind farm made of Suzlon turbines (71 MW Hallett 2) for a development profit of \$59mn (as per AGL Managing Director, Mr. Michael Fraser) through its sale to Energy Infrastructure Trust (EIT).

1GW of new orders in 1HCY09 - China, Australia and USA

Approval of Suzlon's methodology of retrofitting the cracked blades, should reassure clients and it could pave way for new orders. Funding of Horizon Wind's Rattlesnake project in Dec'08 by JPM has proved that Suzlon's V3 turbine is bankable in these markets. SUEL expects orders of ~1GW in 1HCY2009 from China (150MW), Australia (200MW), USA (50-100MW) and India (50-200MW) to improve visibility of FY10E.

Estimates (Mar)

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(Rs)	2007A	2008A	2009E	2010E	2011E
Net Income (Adjusted - mn)	8,520	11,813	12,149	14,174	15,909
EPS	5.91	7.89	8.12	9.47	10.63
EPS Change (YoY)	10.0%	33.6%	2.8%	16.7%	12.2%
Dividend / Share	1.00	1.00	1.00	1.10	1.20
Free Cash Flow / Share	(13.02)	(6.50)	(20.67)	(19.18)	1.22

Valuation (Mar)

	2007A	2008A	2009E	2010E	2011E
P/E	7.00x	5.24x	5.10x	4.37x	3.89x
Dividend Yield	2.43%	2.42%	2.42%	2.66%	2.90%
EV / EBITDA*	7.44x	4.93x	4.05x	2.73x	2.37x
Free Cash Flow Yield*	-30.34%	-15.72%	-49.99%	-46.39%	2.95%

^{*} For full definitions of $iQmethod^{sm}$ measures, see page 7

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iQprofile[™] SuzIon Energy Ltd.

Key Income Statement Data (Mar)	2007A	2008A	2009E	2010E	2011E
(Rs Millions)					
Sales	79,857	136,794	193,025	302,969	342,619
Gross Profit	31,744	48,093	68,231	92,458	102,270
Sell General & Admin Expense	(18,545)	(28,199)	(43,975)	(56,473)	(60,795)
Operating Profit	11,481	17,000	19,433	28,560	32,508
Net Interest & Other Income	(1,798)	(3,324)	(5,564)	(9,047)	(9,478)
Associates	NA	NA	NA	NA	NA
Pretax Income	9,683	13,676	13,869	19,514	23,030
Tax (expense) / Benefit	(1,146)	(1,993)	(2,195)	(3,634)	(4,561)
Net Income (Adjusted)	8,520	11,813	12,149	14,174	15,909
Average Fully Diluted Shares Outstanding	1,443	1,497	1,497	1,497	1,497
Key Cash Flow Statement Data					
Net Income	8,537	11,813	12,151	14,177	15,912
Depreciation & Amortization	1,718	2,894	4,822	7,424	8,967
Change in Working Capital	(11,691)	(2,146)	(11,303)	(30,441)	(10,055)
Deferred Taxation Charge	(126)	(23)	(235)	(182)	(185)
Other Adjustments, Net	1,164	492	777	1,683	2,524
Cash Flow from Operations	(398)	13,030	6,212	(7,338)	17,162
Capital Expenditure	(18,381)	(22,759)	(37,156)	(21,376)	(15,335)
(Acquisition) / Disposal of Investments	(17,709)	(27,542)	(33,642)	6,375	0
Other Cash Inflow / (Outflow)	112	(1,512)	(5,122)	(15.001)	(15.225)
Cash Flow from Investing	(35,978)	(51,812)	(75,920)	(15,001)	(15,335)
Shares Issue / (Repurchase)	805	47,039	(1 7EA)	2,206	(2.104)
Cost of Dividends Paid Cash Flow from Financing	(1,674) 46,244	(1,763) 93,002	(1,754) 28,261	(1,929) 24,349	(2,104) (7,301)
Free Cash Flow	(18,780)	(9,729)	(30,943)	(28,714)	1,827
Net Debt	36,237	29,744	101,205	123,267	123,544
Change in Net Debt	37,246	(6,493)	71,461	22,062	277
Key Balance Sheet Data	07,210	(0,170)	71,101	22,002	277
	23,089	42 OE 4	75,287	00 220	0E 404
Property, Plant & Equipment Other Non-Current Assets	23,069 17,799	42,954 45,341	79,129	89,238 72,955	95,606 73,173
Trade Receivables	25,704	46,906	50,069	83,747	92,994
Cash & Equivalents	15,383	69,602	28,156	30,166	24,692
Other Current Assets	43,439	59,098	71,187	99,096	111,797
Total Assets	125,413	263,901	303,827	375,202	398,262
Long-Term Debt	51,620	99,346	129,361	153,433	148,236
Other Non-Current Liabilities	177	218	NA	NA	NA
Short-Term Debt	NA	NA	NA	NA	NA
Other Current Liabilities	38,339	73,055	77,003	108,149	120,042
Total Liabilities	90,136	172,619	206,364	261,582	268,278
Total Equity	35,277	91,282	97,464	113,620	129,985
Total Equity & Liabilities	125,413	263,901	303,828	375,203	398,262
<i>iQmethod</i> [™] - Bus Performance*					
Return On Capital Employed	18.4%	12.1%	9.1%	10.0%	10.0%
Return On Equity	27.4%	20.3%	14.5%	15.3%	15.1%
Operating Margin	14.4%	12.4%	10.1%	9.4%	9.5%
EBITDA Margin	16.5%	14.5%	12.6%	11.9%	12.1%
<i>iQmethod</i> [™] - Quality of Earnings*					
Cash Realization Ratio	0x	1.1x	0.5x	-0.5x	1.1x
Asset Replacement Ratio	10.7x	7.9x	7.7x	2.9x	1.7x
Tax Rate (Reported)	11.8%	14.6%	15.8%	18.6%	19.8%
Net Debt-to-Equity Ratio	102.7%	32.6%	103.8%	108.5%	95.0%
Interest Cover	4.2x	2.8x	2.2x	2.6x	2.9x
Key Metrics					
* For full definitions of iOmethod SM measures, see page 7					

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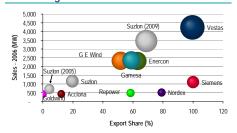
Company Description

Suzlon Energy is the fifth largest wind-turbine manufacturer in the world with 10% global & over 50% market share in India. Its global delivery model, market leadership in India and focused approach to globalization are some of the key competitive advantages. The company enhances its competitive advantage by focusing on R&D in Europe, production in low cost countries such as India/China and focusing on sales in countries with high growth potential

Investment Thesis

We expect Suzlon to emerge as 3rd largest global wind turbine company by FY11 led by: a) Multifold expansion in addressable market (5x) and new order wins - US, Brazil, China, Australia, Spain & EU, b) Maintenance of its 50pct share in India - access to 'windy' sites, concept-to-commissioning model and control over component supply, c) Global delivery model - Suzlon has R&D set-up in Europe Production in the low-cost India/China and focus on 3 of the world's top 5 future wind markets.

Chart 1: Suzlon - export opportunity, next frontier of growth



Source: BAS-Merrill Lynch Estimates, Company, BTM Consult ApS

Chart 2: Suzlon – Sales and Global market share



Source: BAS-Merrill Lynch Estimates, Company, BTM Consult ApS

Stock Data

Price to Book Value 0.7x

Table 1: Suzlon - Sum of the parts valuation

		Value (Rs	Value (Rs
Parts	Rationale	mn)	/share)
Suzlon (Ex - Hansen)	9x FY10E EPS	107,466	72
Hansen	At 10% discount to ML target of GBp178 for Suzlon's 61.3% stake	46,839	31
Total		154,304	103

Source: Banc of America Securities-Merrill Lynch Research

Table 2: Suzlon - Consolidated Profit & Loss Statement

Year End Mar31 (Rs mn)	FY07	FY08	FY09E	FY10E	FY11E
MW Sold	1456	2311	3038	4705	5159
% growth	49%	59%	31%	55%	10%
Sales	79,857	136,794	193,025	302,969	342,619
Growth	108%	71%	41%	57%	13%
COGS	48,114	88,702	124,794	210,511	240,349
as % of sales	60.2%	64.8%	64.7%	69.5%	70.2%
Contribution	31,744	48,093	68,231	92,458	102,270
Contribution %	39.8%	35.2%	35.3%	30.5%	29.8%
Operating & Other Expenses	12,032	17,753	28,406	33,942	35,957
as % of sales	15.1%	13.0%	14.7%	11.2%	10.5%
Staff Cost	6,496	10,430	15,569	22,030	24,838
as % of sales	8.1%	7.6%	8.1%	7.3%	7.2%
Expenditure Written Off	17	15	0	500	0
EBITDA	13,199	19,894	24,256	35,985	41,475
Growth	50%	51%	22%	48%	15%
EBITDA Margin %	16.5%	14.5%	12.6%	11.9%	12.1%
EBITDA (Rs mn/ MW)	7.2	7.2	6.0	6.2	6.3
Depreciation	1,718	2,894	4,822	7,424	8,967
Depreciation as % of Avg Gross Block	10.8%	8.6%	8.4%	8.3%	7.8%
EBIT	11,481	17,000	19,433	28,560	32,508
EBIT Margins %	14.4%	12.4%	10.1%	9.4%	9.5%
Interest	2,763	5,969	8,730	10,900	11,121
Other Income	965	2,646	3,166	1,853	1,643
PBT	9,683	13,676	13,869	19,514	23,030
PBT Margins %	12.1%	10.0%	7.2%	6.4%	6.7%
Current Tax	1,272	2,016	2,430	3,816	4,747
Deferred Tax	(126)	(23)	(235)	(182)	(185)
Tax	1,146	1,993	2,195	3,634	4,561
Tax Rate	11.8%	14.6%	15.8%	18.6%	19.8%
Share of profits from REpower		558	1383	0	0
Preference Dividends	17	0	3	3	3
Minority Interest	8	428	907	1,703	2,557
Recurring PAT	8,512	11,813	12,149	14,174	15,909
Growth	12%	39%	3%	17%	12%
PAT Margins %	10.7%	8.6%	6.3%	4.7%	4.6%
Exceptionals	112	(1512)	(5122)	0	0
Reported PAT	8,624	10,301	7,027	14,174	15,909

Source: Company, Banc of America Securities-Merrill Lynch Research

Table 3: Suzlon - Consolidated Balance Sheet

Year End Mar31 (Rs mn)	FY07	FY08	FY09E	FY10E	FY11E
Equity Capital	2878	2,994	2994	2994	2994
Reserves & Surplus	32116	77,917	83193	95441	109248
Misc Exp	0	0	0	0	0
Share Application Money	117	102	102	102	102
Total Networth	35111	81013	86289	98537	112344
Preference Capital	25	25	25	25	25
Net Worth (incl preference capital)	35,136	81,038	86,314	98,562	112,369
Secured Loans	19,844	70,664	89,051	98,931	92,411
Foreign Currency Loans	26,550	25,574	30,072	43,190	43,190
Unsecured Loans	5,226	3,108	10,238	11,312	12,635
Loans	51,620	99,346	129,361	153,433	148,236
Minority Interest	141	10,244	11,150	15,059	17,615
Total Networth + Liabilities	86,897	190,628	226,825	267,053	278,221
Gross Block	25,606	42,075	73,326	105,202	123,756
Accumulated Depreciation	7,016	10,318	15,141	22,565	31,532
Net Block	18,590	31,757	58,185	82,637	92,224
CWIP	4,498	11,197	17,102	6,602	3,383
Net Fixed Assets	23,089	42,954	75,287	89,238	95,606
Investments	156	31,418	65,920	1,308	1,308
Goodwill	17,643	13,923	13,063	71,299	71,299
Inventories	31,363	40,848	45,552	60,518	68,257
Sundry Debtors	25,704	46,906	50,069	83,747	92,994
Cash and Bank Balances	15,383	69,602	28,156	30,166	24,692
Loans & Advances	12,076	18,250	25,635	38,578	43,540
Current Assets	84,526	175,606	149,411	213,009	229,482
Current Liabilities & Provisions	38,339	73,055	77,003	108,149	120,042
NCA	46,187	102,551	72,408	104,859	109,441
Deferred Tax & Other Assets	(177)	(218)	146	348	566
Total Assets	86,897	190,628	226,825	267,053	278,220

Source: Company, Banc of America Securities-Merrill Lynch Research

Table 4: Suzlon - Consolidated Cash Flow Statement

Tubic 1. Suzion Consolidated Susin How	Statement				
Year End Mar31 (Rs mn)	FY07	FY08	FY09E	FY10E	FY11E
PBT	9683	13676	13869	19514	23030
Tax Paid	(1146)	(1993)	(2195)	(3634)	(4561)
Change in DTL	994	41	(364)	(201)	(218)
Add: D&A	1762	2894	4822	7424	8967
Add: Share of profits from REpower		558	1383	0	0
Chg in Inventories	(17561)	(9485)	(4704)	(14966)	(7738)
Chg in Debtors	(9231)	(21202)	(3163)	(33678)	(9247)
Chg in Loans & Advances	(6178)	(6174)	(7385)	(12943)	(4962)
Chg in CL	21279	34716	3948	31146	11892
Change in Working Capital	(11691)	(2146)	(11303)	(30441)	(10055)
Cash Flow from Operations	(398)	13030	6212	(7338)	17162
Extrordinary Items + Tax Adjustments	112	(1512)	(5122)	0	0
Capex	(18381)	(22759)	(37156)	(21376)	(15335)
Change in Investments/Assets	(17709)	(27542)	(33642)	6375	0
Cash Flow from Investing Activities	(35978)	(51812)	(75920)	(15001)	(15335)
Change in Debt	47113	47726	30015	24072	(5197)
Change in Equity	2	116	0	0	0
Change in Preference capital	(150)	0	0	0	0
Change in Reserves	952	46922	0	2206	0
Dividend and Dividend Tax	(1674)	(1763)	(1754)	(1929)	(2104)
Cash Flow from Financing Activities	46244	93002	28261	24349	(7301)
Increase/(Decrease) in Cash	9867	54219	(41446)	2010	(5474)
Opening Cash and Bank Balance	5515	15383	69602	28156	30166
Closing Cash and Bank Balance	15383	69602	28156	30166	24692

Source: Company, Banc of America Securities-Merrill Lynch Research

Table 5: Suzlon - Consolidated Key Ratios & Valuations

Year End Mar31	FY07	FY08	FY09E	FY10E	FY11E
Period Ending Shares (mn)	1,439	1497	1497	1497	1497
Weighted Average Number of Shares	1,443	1497	1497	1497	1497
Share Price (Rs)	41	41	41	41	41
Mkt Cap (Rs mn)	59652	61899	61899	61899	61899
EPS Rec. (Rs)	5.9	7.9	8.1	9.5	10.6
CEPS (Rs)	7.1	9.8	11.3	14.4	16.6
DPS (Rs)	1.0	1.0	1.0	1.1	1.2
BV (Rs)	24	54	58	66	75
P/E (x)	7.0	5.2	5.1	4.4	3.9
P/CEPS (x)	5.8	4.2	3.6	2.9	2.5
Yield (%)	2.4%	2.4%	2.4%	2.7%	2.9%
P/BV (x)	1.7	8.0	0.7	0.6	0.6
EV/EBITDA (x)	7.3	4.6	6.7	5.1	4.5
RoCE (%)	18.5%	12.1%	9.1%	10.0%	10.0%
RoE (%)	27.3%	20.3%	14.5%	15.3%	15.1%
PAT/EBIT	74%	69%	63%	50%	49%
EBIT/Sales	14%	12%	10%	9%	9%
Sales/Assets	134%	99%	92%	123%	126%
Assets/Networth	191%	239%	250%	267%	259%
Net Debt (Rs mn)	36237	29744	101205	123267	123544
EV (Rs mn)	95889	91643	163104	185166	185443
D/E (x)	1.03	0.37	1.17	1.25	1.10
Net Debt/EBITDA (x)	2.7	1.5	4.2	3.4	3.0
Interest Coverage (x)	4.2	2.8	2.2	2.6	2.9
Debt to Total Assets (x)	0.6	0.5	0.6	0.6	0.5
Depreciation /Gross Block (%)	10.8%	8.6%	8.4%	8.3%	7.8%
Effective Interest Rate (%)	9.8%	7.9%	7.6%	7.7%	7.4%

Source: Company, Banc of America Securities-Merrill Lynch Research

Price objective basis & risk Suzlon Energy (SZEYF)

Our PO of Rs103 is based on our sum-of-the-parts analysis. We have valued Suzlon's wind business at 9x FY10E earnings, at Rs72 per share. This we believe is fair given Suzlon's long term superior growth and return profile. We value Suzlon's 61.3pct stake in Hansen by taking a 10% discount to our DCF valuation assuming WACC of 10%, which equates to Rs31 per Suzlon share. Risks: Headwinds for wind turbine business and execution risk in the wake of component shortages and blade retrofit issues.

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I, Bharat Parekh, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

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India - Engineering/Construction/Utilities Coverage Cluster

<u> </u>				
Investment rating	Company	ML ticker	Bloomberg symbol	Analyst
BUY				
	Bharat Heavy	BHHEF	BHEL IN	Bharat Parekh
	Gujarat State	GJRSF	GUJS IN	Vidyadhar Ginde
	IVRCL Infrastruc	IIFRF	IVRC IN	Bharat Parekh
	Jaiprakash	JPRKF	JPA IN	Bharat Parekh
	Larsen & Toub -G	LTORF	LTOD LI	Bharat Parekh
	Larsen & Toubro	LTOUF	LT IN	Bharat Parekh
	Nagarjuna Const	NGRJF	NJCC IN	Bharat Parekh
	NCC-GDR	XAKUF	NJGR LX	Bharat Parekh
	NTPC Ltd	NTHPF	NATP IN	Bharat Parekh
	Reliance Infrastructure	RCTDF	RELI IN	Bharat Parekh

India - Engineering/	Construction/Utilities	Coverage Cluster

Investment rating	Company	ML ticker	Bloomberg symbol	Analyst
	Reliance Infrastructure	RELFF	RIFS LI	Bharat Parekh
	Suzlon Energy	SZEYF	SUEL IN	Bharat Parekh
NEUTRAL				
	Gail India	XGLAF	GAIL IN	Vidyadhar Ginde
	Gail Limited - G	GAILF	GAID LI	Vidyadhar Ginde
	Gujarat Inds	GUJIF	GIP IN	Bharat Parekh
	Neyveli Lignite	NEYVF	NLC IN	Bharat Parekh
	Sun TV LTD	SUTVF	SUNTV IN	Bharat Parekh
	Tata Pwr. Co.	XTAWF	TPWR IN	Bharat Parekh
UNDERPERFORM				
	ABB	ABVFF	ABB IN	Bharat Parekh
	Balaji Tele	BLJIF	BLJT IN	Bharat Parekh
	Gujarat Gas Co	GJGCF	GGAS IN	Vidyadhar Ginde
	Indraprastha Gas	IAGSF	IGL IN	Vidyadhar Ginde
	Jaiprakash Hydro	XJSHF	JHPL IN	Bharat Parekh
	SIFY Limited	SIFY	SIFY US	Bharat Parekh
	Zee Entertainmen	XZETF	Z IN	Bharat Parekh
REVIEW				
	GMR Infra	GMRLF	GMRI IN	Bharat Parekh

iQmethod[™] Measures Definitions

to memora - measures benintations					
Business Performance	Numerator	Denominator			
Return On Capital Employed	NOPAT = (EBIT + Interest Income) * (1 - Tax Rate) + Goodwill	Total Assets – Current Liabilities + ST Debt + Accumulated Goodwill			
	Amortization	Amortization			
Return On Equity	Net Income	Shareholders' Equity			
Operating Margin	Operating Profit	Sales			
Earnings Growth	Expected 5-Year CAGR From Latest Actual	N/A			
Free Cash Flow	Cash Flow From Operations – Total Capex	N/A			
Quality of Earnings					
Cash Realization Ratio	Cash Flow From Operations	Net Income			
Asset Replacement Ratio	Capex	Depreciation			

 Asset Replacement Ratio
 Capex
 Depreciation

 Tax Rate
 Tax Charge
 Pre-Tax Income

 Net Debt-To-Equity Ratio
 Net Debt = Total Debt, Less Cash & Equivalents
 Total Equity

 Interest Cover
 EBIT
 Interest Expense

Valuation Toolkit

Price / Earnings RatioCurrent Share PriceDiluted Earnings Per Share (Basis As Specified)Price / Book ValueCurrent Share PriceShareholders' Equity / Current Basic Shares

Dividend Yield Annualised Declared Cash Dividend Current Share Price

Free Cash Flow Yield Cash Flow From Operations – Total Capex Market Cap. = Current Share Price * Current Basic Shares

Enterprise Value / Sales EV = Current Share Price * Current Shares + Minority Equity + Net Debt + Sales

Other LT Liabilities

EV / EBITDA Enterprise Value Basic EBIT + Depreciation + Amortization

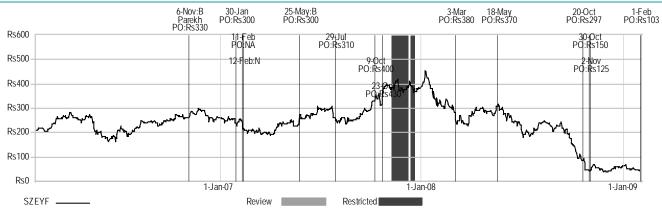
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Important Disclosures

SZEYF Price Chart



B: Buy, N: Neutral, S: Sell, U: Underperform, PO: Price objective, NA: No longer valid

"Prior to May 31, 2008, the investment opinion system included Buy, Neutral and Sell. As of May 31, 2008, the investment opinion system includes Buy, Neutral and Underperform. Dark Grey shading indicates that a security is restricted with the opinion suspended. Light grey shading indicates that a security is under review with the opinion withdrawn. The current investment opinion key is contained at the end of the report. Chart is current as of January 31, 2009 or such later date as indicated.

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Investment Rating Distribution: Electrical Equipment Group (as of 01 Jan 2009)

1216

Coverage Universe	Count	Percent	Inv. Banking Relationships*	Count	Percent
Buy	8	24.24%	Buy	2	25.00%
Neutral	10	30.30%	Neutral	3	33.33%
Sell	15	45.45%	Sell	4	30.77%
Investment Rating Distribution: G	lobal Group (as of 01 J	Jan 2009)			
Coverage Universe	Count	Percent	Inv. Banking Relationships*	Count	Percent
Buy	1297	38.46%	Buy	314	26.81%
Noutral	950	25 47%	Noutral	210	20 220/

^{*} Companies in respect of which MLPF&S or an affiliate has received compensation for investment banking services within the past 12 months. For purposes of this distribution, a stock rated Underperform is included as a Sell.

Sell

20.71%

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Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster*

Buy	≥ 10%	≤ 70%
Neutral	≥ 0%	≤ 30%
Underperform	N/A	≥ 20%

36.06%

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Sell

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