Deutsche Bank Markets Research



Company Gree

Asia China

Consumer Retail / Wholesale Trade Reuters 000651.SZ

Bloomberg 000651 CH Exchange Ticker SHZ 000651

2Q17 beat but GPM pressure in 2H17; Buy given inexpensive valuation

Valuation remains inexpensive at 11/11x 17/18 PE and 5% yield

Gree's 2Q17 NP beat DB/market estimates by 35%/17% due to sales growth acceleration and operating leverage. We believe channel inventory remains at a healthy level at the beginning of the cold year (end of July). Thus, we raised our sales forecasts for 2017-2019 by 7-9%. Meanwhile, we lower our 2017 GPM forecast by 1.6ppt to reflect raw material price hike pressure in 2H17. Although 2018 will be a tough year given high base in 2017 due to property boom and restocking, we believe product upgrades and relatively inexpensive valuation with 5% yield warrants a Buy recommendation.

2H17 outlook - channel inventory remains healthy but more pressure on GPM

For 2H17, we expect Gree to report a 19% rise in sales with 10% increase in volume as we believe the current channel inventory level remains healthy (~21m units). Meanwhile, we expect GPM to decline 1.3ppt to 31.4% from 32.7% in 1H17 due to continuous raw material price increase. However, opex ratio might remain low as demand remains strong. We expect EBITM of 15% in 2H17 (15.5% in 1H17).

2Q17 NP beat due to sales growth acceleration and operating leverage

2Q17 saw NP up 68% on sales up by 60% vs 1Q sales/NP up by 19%/27%, mainly thanks to restocking cycle and strong demand from retail end. GPM shrank 8ppt to 30.2% affected by raw materials cost hike, while opex ratio contracted 12.6% to 14.1%. Thus, the company still enjoys an operating leverage with EBIT margin improving 7.6ppt to 16%.

Raising target price to RMB44.4 from RMB38.87; risks

We use DCF to value the company with a new target price of RMB44.4 (old RMB38.87), as we raise our FY17-FY19 NP forecast by 7-9%. Our target price implies 13x/12x FY17/18 PE, which is at a premium to its historical valuation point during de-stocking of channel inventory, and dividend yield at 4.6% for FY17E. Downside risks include competition, subsidy policy, and M&A.

Forecasts And Ratios					
Year End Dec 31	2015A	2016A	2017E	2018E	2019E
Sales (CNYm)	99,812.6	108,682.7	139,979.7	155,684.2	171,216.9
EBITDA (CNYm)	14,315.1	15,515.4	24,349.0	25,866.2	28,495.9
Reported NPAT (CNYm)	12,532.4	15,421.0	20,569.0	22,163.2	24,638.1
Reported EPS FD(CNY)	2.08	2.56	3.42	3.68	4.10
DB EPS FD(CNY)	2.08	2.56	3.42	3.68	4.10
OLD DB EPS FD(CNY)	2.08	2.56	3.13	3.45	3.84
% Change	0.0%	0.0%	9.1%	6.9%	6.7%
DB EPS growth (%)	-11.5	23.0	33.4	7.8	11.2
PER (x)	10.3	8.3	11.3	10.5	9.4
EV/EBITDA (x)	2.7	2.3	4.6	3.7	2.6
DPS (net) (CNY)	1.50	1.50	2.05	2.21	2.46
Yield (net) (%)	7.0	7.1	5.3	5.7	6.4
Source: Doutsche Bank estimates, company data					

e: Deutsche Bank estimates, company data

DB EPS is fully diluted and excludes non-recurring items

² Multiples and vields calculations use average historical prices for past years and spot prices for current and future years, except P/B which uses

Deutsche Bank AG/Hong Kong

Deutsche Bank does and seeks to do business with companies covered in its research reports. Thus, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision. DISCLOSURES AND ANALYST CERTIFICATIONS ARE LOCATED IN APPENDIX 1. MCI (P) 083/04/2017.



Price at 31 Aug 2017 (CNY)	38.65
Price target - 12mth (CNY)	44.40
52-week range (CNY)	41.53 - 19.49
Shenzhen Index	2,028

John Chou

Anne Ling

Research Analyst Research Analyst (+852) 2203 6177 (+852) 2203 6196 anne.ling@db.com john.chou@db.com

Key changes			
ТР	38.87 to 44.40	î	14.2%
Sales (FYE)	131,413 to 139,980	1	6.5%
Op prof margin (FYE)	15.5 to 16.2	1	4.4%
Net profit (FYE)	18,857.2 to 20,569.0	1	9.1%
Source: Deutsche Bar	ık		

Price/price relative





Distributed on: 31/08/2017 15:10:01 GMT



Model updated:31 August 2017	Fiscal year end 31-Dec	2014	2015	2016	2017E	2018E	2019E
Running the numbers	Financial Summary						
Asia	DB EPS (CNY)	2.35	2.08	2.56	3.42	3.68	4.10
China	Reported EPS (CNY) DPS (CNY)	2.35 1.50	2.08 1.50	2.56 1.50	3.42 2.05	3.68 2.21	4.10 2.46
Retail / Wholesale Trade	BVPS (CNY)	1.50	7.9	9.0	2.05	11.8	2.40
	Weighted average shares (m)	6,016	6,016	6,016	6,016	6,016	6,016
Gree	Average market cap (CNYm)	83,062	128,915	127,585	232,508	232,508	232,508
Reuters: 000651.SZ Bloomberg: 000651 CH	Enterprise value (CNYm)	28,595	38,315	36,239	112,780	94,460	75,270
D	Valuation Metrics P/E (DB) (x)	5.9	10.3	8.3	11.3	10.5	9.4
Buy	P/E (Reported) (x)	5.9	10.3	8.3	11.3	10.5	9.4
Price (31 Aug 17) CNY 38.65	P/BV (x)	1.20	2.83	2.75	3.74	3.28	2.88
Target Price CNY 44.40	FCF Yield (%)	20.2	34.2	11.6	17.6	13.7	14.7
52 Week range CNY 19.49 - 41.53	Dividend Yield (%)	10.9	7.0	7.1	5.3	5.7	6.4
Market Cap (m) CNYm 232,508	EV/Sales (x) EV/EBITDA (x)	0.2 1.7	0.4 2.7	0.3 2.3	0.8 4.6	0.6 3.7	0.4 2.6
USDm 35,321	EV/EBIT (x)	1.8	3.0	2.6	5.0	3.9	2.8
	Income Statement (CNYm)						
Company Profile	Sales revenue	138,643	99,813	108,683	139,980	155,684	171,217
Gree is mainly engaged in the manufacture and	Gross profit	50,609	33,861	36,591	45,078	50,406	55,581
listribution of household air conditioners and central air onditioners.	EBITDA Depreciation	17,171 1,357	14,315 1,338	15,515 1,838	24,349 1,729	25,866 1,795	28,496 1,875
	Amortisation	1,357	1,338	1,838	1,729	1,795	1,67
	EBIT	15,814	12,977	13,678	22,620	24,071	26,620
	Net interest income(expense) Associates/affiliates	942 -4	1,929 3	4,846 8	2,092 6	2,556 6	2,98 ⁻ (
	Exceptionals/extraordinaries	0	0	0	0	0	(
	Other pre-tax income/(expense)	0	0	0	0	0	(
Price Performance	Profit before tax Income tax expense	16,752 2,499	14,909 2,286	18,531 3,007	24,718 4,010	26,633 4,321	29,60 4,804
The renormance	Minorities	2,433	2,200	104	138	149	4,00
50]	Other post-tax income/(expense)	0	0	0	0	0	(
40	Net profit	14,155	12,532	15,421	20,569	22,163	24,638
30 - t ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	DB adjustments (including dilution)	0	0	0	0	0	(24.620
20	DB Net profit	14,155	12,532	15,421	20,569	22,163	24,638
	Cash Flow (CNYm)						
Sep 15Dec 15Mar 16Jun 16Sep 16Dec 16Mar 17Jun 17	Cash flow from operations	18,556 -1,777	46,954	18,070	43,235	34,408	37,042
Gree ——— Shenzhen Index (Rebased)	Net Capex Free cash flow	16,779	-2,885 44,070	-3,277 14,793	-2,380 40,856	-2,647 31,762	-2,911 34,132
Margin Trends	Equity raised/(bought back)	0	0	0	0	0	C
margin riends	Dividends paid Net inc/(dec) in borrowings	-4,676 2,417	-9,525 1,526	-9,180 792	-12,341 0	-13,298 0	-14,783 11,363
18	Other investing/financing cash flows	1,483	-1,796	389	0	0	11,303
17	Net cash flow	16,004	34,274	6,793	28,514	18,464	30,712
15	Change in working capital	6,559	32,374	-85	19,921	9,996	9,887
14	Balance Sheet (CNYm)						
	Cash and other liquid assets	54,546	88,820	95,613	124,127	142,591	161,940
14 15 16 17E 18E 19E	Tangible fixed assets	17,948 0	18,588 0	21,636 0	22,286 0	23,138 0	24,173 (
EBITDA Margin EBIT Margin	Goodwill/intangible assets Associates/investments	9,946	13,397	8,155	8,161	8,167	8,173
	Other assets	73,791	40,894	56,965	69,417	75,665	81,845
Growth & Profitability	Total assets	156,231	161,698	182,370	223,992	249,561	276,13
40 40	Interest bearing debt Other liabilities	9,046 102,054	10,572 102,560	11,363 116,083	11,363 149,339	11,363 165,894	11,363 182,443
40 30 20 30 30 30	Total liabilities	111,099	113,131	127,446	160,702	177,257	193,800
10 +	Shareholders' equity	44,153	47,521	53,864	62,092	70,957	80,81
0 -10 20	Minorities Total shareholders' equity	979 45,131	1,045 48,567	1,060 54,924	1,198 63,289	1,347 72,304	1,513 82,32
-20 10	Net debt	- <i>45,131</i> - <i>45,500</i>	48,567 - <i>78,248</i>	- <i>84,92</i> 4	- <i>112,764</i>	- <i>131,228</i>	-150,57
-40 0							
14 15 16 17E 18E 19E	Key Company Metrics Sales growth (%)	16.4	-28.0	8.9	28.8	11.2	10.0
Sales growth (LHS) ROE (RHS)	DB EPS growth (%)	16.4 30.2	-28.0 -11.5	8.9 23.0	28.8 33.4	7.8	10.0
Solvency	EBITDA Margin (%)	12.4	14.3	14.3	17.4	16.6	16.6
0	EBIT Margin (%)	11.4	13.0	12.6	16.2	15.5	15.
0	Payout ratio (%) ROE (%)	63.7 36.0	72.0 27.3	58.5 30.4	60.0 35.5	60.0 33.3	60.0 32.5
-50	Capex/sales (%)	1.3	27.3	3.0	1.7	1.7	1.7
-100	Capex/depreciation (x)	1.3	2.2	1.8	1.4	1.5	1.6
-150	Net debt/equity (%)	-100.8	-161.1	-153.4	-178.2	-181.5	-182.9
-200	Net interest cover (x)	nm	nm	nm	nm	nm	nn

Source: Company data, Deutsche Bank estimates

- Net interest cover (RHS)

17E

18E



anne.ling@db.com

19E

Valuation and risks

Our primary valuation methodology is DCF. As most of Gree's business comes from China, we use a 9.5% China COE, provided by Deutsche Bank's Economics Team. We use a beta of 1 and a long-term growth rate of 2%, in line with our 2.0-2.5% sector assumption for other consumer stocks that we cover. This comes to a fair value estimate of RMB44.4/share, implying an FY17/18E PE of 13/12x. Downside risks include fierce competition, volatility in government subsidy policy, and M&A.

Figure 1: DB estimate vs. market consensus

	Cu	rrent foreca	ast	Pre	Previous forecast			Market forecast			% change vs. previous			% change vs. market		
RMBm	FY17E	FY18E	FY19E	FY17E	FY18E	FY19E	FY17E	FY18E	FY19E	FY17E	FY18E	FY19E	FY17E	FY18E	FY19E	
Gross sales	141,394	157,257	172,946	131,413	144,733	159,427	131,940	144,553	158,437	8%	9%	8%	7%	9%	9%	
EBIT	22,620	24,071	26,620	20,346	22,470	24,917	19,382	21,183	23,716	11%	7%	7%	17%	14%	12%	
Net profit	20,569	22,163	24,638	18,857	20,733	23,088	18,969	21,197	23,299	9%	7%	7%	8%	5%	6%	
Source: Deutsche Bank, Bloomberg Finance LP																

1H/2Q17 results review

2Q17 NP beat DB/market estimates by 35%/17% thanks to better than expected topline growth and operating leverage

2Q17 NP was up 68% as sales rose 60%, both registering an acceleration in growth vs. 1Q. This is mainly thanks to restocking cycle and strong demand from retail end, together with an extraordinarily low base in 2Q16. Excluding connected transaction with Zhuhai Yinlong in 2Q, core sales grew 42%.

EBIT margin thus saw an improvement of 7.6ppt to 16%

During this quarter, GPM shrank 8ppt to 30.2%, while opex ratio contracted 12.6% to 14.1%. We believe this was due to a mixture of the following reasons:

- Raw material cost (e.g. copper (17% of total raw material) price climbed 4%/5%/4% for 4Q16/1Q17/2Q17) hike and less promotion expense required during a tight supply market,
- Recognition of some of the rebates which were booked in the previous years, given the air con retail market boom in 1H17.

1H17 NP rose by 48% on gross sales increase of 40%

Gree reported 48% NP growth to RMB9.4bn on gross sales up 40% to RMB70bn in 1H17. Sales beat market/DB estimates by 12%/11% and NP beat market/DB estimates by 9%/18%, mainly due to lower-than-expected opex ratio (5.5ppt lower than DBe) despite a lower GPM (3.9ppt lower than DBe) resulting from raw material cost hike, and overseas business saw GPM declining 8ppt.

EBIT margin has improved by 4ppt to 15.5%. Excluding connected transaction with Zhuhai Yinlong, core sales saw 27% growth. The company was also negatively affected by foreign exchange loss of RMB491m vs. an exchange gain of RMB2.3bn, due to RMB depreciation this year vs. the opposite trend last year.

Market share gain achieved

According to China IOL, Gree's sales volume (sell-in) jumped by 40% (vs. 33% in 1Q) with 68% growth from domestic market in 2Q (vs. 62% in 1Q). The high growth momentum has continued in July when Gree's sell-in volume moved up by 41% despite a high base last year.

Based on statistics from China Market Monitor, Gree gained 4.8ppt/2.1ppt market share in terms of sales volume and sales value to 34.6%/38.7% in 1H17. ASP also increased 4.9% to RMB4192. This is in line with Gree's strategy focus to gain market share which was mentioned during 2016 annual results conference.

By product segment, Gree also focused on centralized air conditioner market, which has a higher industry growth with 25% growth in 1H17. Gree maintained its leading position in the segment since 2012.

Its prepaid rebates balance increased 3% to RMB60bn in 1H17. Cash flow from operation has declined 68% to RMB3.6bn largely due to inventories being increased 134% for the upcoming peak season.

2H17 outlook

For 2H17, we expect Gree to report a 19% rise in sales with 10% increase in volume as we believe the extremely hot summer helped to digest channel inventories and the inventory level has been reduced from around 31m units as of March 2017 to 21m units as of July 2017, according to China IOL. Compared with 1H17, slower growth in 2H17 is expected due to high base in 2016, as 2017's growth driver includes retail end demand (property market boom and trading up for better models) and restocking by distributors.

GPM might be under pressure (we expect a decline of 1.3ppt to 31.4% from 32.7% in 1H17) due to rise in raw material price. However, opex ratio might remain low as demand remains strong. We expect EBITM of 15% in 2H17 (15.5% in 1H17) assuming the GPM pressure in 2H17 will be more than 1H17.

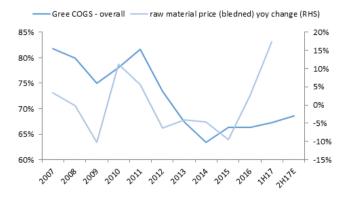


Figure 2: Major raw material cost yoy % vs. Gree's COGS





ratio

Source: Deutsche Bank, Bloomberg Finance LP. Note: blended raw materials assuming 17% are copper, 5% of steel, 5% aluminium and 73% of others

Figure 4: Quarterly results highlights

1Q14	2Q14	3Q14	4Q14	1Q15	2Q15	3Q15	4Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17E	4Q17E
25,010	33,920	41,089	39,986	25,094	26,517	32,065	16,889	25,098	24,993	33,679	26,342	30,035	39,985	40,549	30,823
12%	9%	17%	27%	0%	-22%	-22%	-58%	0%	-6%	5%	54%	19%	60%	20%	20%
18%	24%	29%	29%	25%	26%	32%	17%	23%	23%	31%	24%	21%	28%	29%	22%
8,881	11,060	16,143	15,189	8,287	6,868	12,643	6,097	8,604	9,797	10,984	7,749	10,549	12,361	15,409	7,033
35.5%	32.6%	39.3%	38.0%	33.0%	25.9%	39.4%	36.1%	34.3%	39.2%	32.6%	29.4%	35.1%	30.9%	38.0%	22.8%
2,485	3,834	4,729	4,766	3,139	3,447	3,974	2,417	2,713	2,064	5,210	3,694	4,675	6,317	6,990	4,637
66%	12%	13%	31%	26%	-10%	-16%	-49%	-14%	-40%	31%	53%	72%	206%	34%	26%
9.9%	11.3%	11.5%	11.9%	12.5%	13.0%	12.4%	14.3%	10.8%	8.3%	15.5%	14.0%	15.0%	15.9%	16.8%	11.9%
2,255	3,463	4,109	4,328	2,775	2,945	4,232	2,580	3,160	3,243	4,827	4,192	4,015	5,438	6,519	4,598
16%	24%	29%	31%	22%	24%	34%	21%	20%	21%	31%	27%	20%	26%	32%	22%
	25,010 12% 18% 8,881 35.5% 2,485 66% 9.9% 2,255	25,010 33,920 12% 9% 18% 24% 8,881 11,060 35.5% 32.6% 2,485 3,834 66% 12% 9.9% 11.3% 2,255 3,463	25,010 33,920 41,089 12% 9% 17% 18% 24% 29% 8,881 11,060 16,143 35.5% 32.6% 39.3% 2,485 3,834 4,729 66% 12% 13% 9.9% 11.3% 11.5% 2,255 3,463 4,109	25,010 33,920 41,089 39,986 12% 9% 17% 27% 18% 24% 29% 29% 8,881 11,060 16,143 15,189 35,5% 32,6% 39.3% 38.0% 2,485 3,834 4,729 4,766 66% 12% 13% 31% 9.9% 11.3% 11.5% 11.9% 2,255 3,463 4,109 4,328	25,010 33,920 41,089 39,986 25,094 12% 9% 17% 27% 0% 18% 24% 29% 29% 25% 8,881 11,060 16,143 15,189 8,287 35.5% 32.6% 39.3% 38.0% 33.0% 2,485 3,834 4,729 4,766 3,139 66% 12% 13% 31% 26% 9.9% 11.3% 11.5% 11.9% 12.5% 2,255 3,463 4,109 4,328 2,775	25,010 33,920 41,089 39,986 25,094 26,517 12% 9% 17% 27% 0% -22% 18% 24% 29% 29% 25% 26% 8,881 11,060 16,143 15,189 8,287 6,868 35.5% 32.6% 39.3% 38.0% 33.0% 25.9% 2,485 3,834 4,729 4,766 3,139 3,447 66% 12% 13% 31% 26% -10% 9.9% 11.3% 11.5% 11.9% 12.5% 13.0% 2,255 3,463 4,109 4,328 2,775 2,945	25,010 33,920 41,089 39,986 25,094 26,517 32,065 12% 9% 17% 27% 0% -22% -22% 18% 24% 29% 29% 25% 26% 32% 8,881 11,060 16,143 15,189 8,287 6,868 12,643 35.5% 32.6% 39.3% 38.0% 33.0% 25.9% 39.4% 2,485 3,834 4,729 4,766 3,139 3,447 3,974 66% 12% 13% 31% 26% -10% -16% 9.9% 11.3% 11.5% 11.9% 12.5% 13.0% 12.4% 2,255 3,463 4,109 4,328 2,775 2,945 4,232	25,010 33,920 41,089 39,986 25,094 26,517 32,065 16,889 12% 9% 17% 27% 0% -22% -22% -58% 18% 24% 29% 29% 25% 26% 32% 17% 8,881 11,060 16,143 15,189 8,287 6,868 12,643 6,097 35,5% 32.6% 39.3% 38.0% 33.0% 25.9% 39.4% 36.1% 2,485 3,834 4,729 4,766 3,139 3,447 3,974 2,417 66% 12% 13% 31% 26% -10% -16% -49% 9.9% 11.3% 11.5% 11.9% 12.5% 13.0% 12.4% 14.3% 2,255 3,463 4,109 4,328 2,775 2,945 4,232 2,580	25,010 33,920 41,089 39,986 25,094 26,517 32,065 16,889 25,098 12% 9% 17% 27% 0% -22% -22% -58% 0% 18% 24% 29% 29% 25% 26% 32% 17% 23% 8,881 11,060 16,143 15,189 8,287 6,668 12,643 6,097 8,604 35.5% 32.6% 39.3% 38.0% 33.0% 25.9% 39.4% 36.1% 34.3% 2,485 3,834 4,729 4,766 3,139 3,447 3,974 2,417 2,713 66% 12% 13% 31% 26% -10% -16% -49% -14% 9.9% 11.3% 11.5% 11.9% 12.5% 13.0% 12.4% 14.3% 10.8% 2,255 3,463 4,109 4,328 2,775 2,945 4,232 2,580 3,160	25,010 33,920 41,089 39,986 25,094 26,517 32,065 16,889 25,098 24,933 12% 9% 17% 27% 0% -22% -58% 0% -6% 18% 24% 29% 29% 25% 26% 32% 17% 23% 23% 8,881 11,060 16,143 15,189 8,287 6,868 12,643 6,097 8,604 9,797 35.5% 32.6% 39.3% 38.0% 33.0% 25.9% 39.4% 36.1% 34.3% 39.2% 2,485 3,834 4,729 4,766 3,139 3,447 3,974 2,417 2,713 2,064 66% 12% 13% 31% 26% -10% -16% 49% -14% 40% 9.9% 11.3% 11.5% 11.9% 12.5% 13.0% 12.4% 14.3% 10.8% 8.3% 2,255 3,463 4,109 4,328 2,775<	25,010 33,920 41,089 39,986 25,094 26,517 32,065 16,889 25,098 24,993 33,679 12% 9% 17% 27% 0% -22% -58% 0% -6% 5% 18% 24% 29% 29% 25% 26% 32% 17% 23% 23% 31% 8,881 11,060 16,143 15,189 8,287 6,868 12,643 6,097 8,604 9,797 10,984 35.5% 32.6% 39.3% 38.0% 33.0% 25.9% 39.4% 36.1% 34.3% 39.2% 32.6% 2,485 3,834 4,729 4,766 3,139 3,447 3,974 2,417 2,713 2,064 5,210 66% 12% 13% 31% 26% 10% -16% 49% -14% 40% 31% 9.9% 11.3% 11.5% 11.9% 12.5% 13.0% 12.4% 14.3% 10.8% </td <td>25,010 33,920 41,089 39,986 25,094 26,517 32,065 16,889 25,098 24,993 33,679 26,342 12% 9% 17% 27% 0% -22% -22% -58% 0% -6% 5% 54% 18% 24% 29% 29% 25% 26% 32% 17% 23% 23% 31% 24% 8,881 11,060 16,143 15,189 8,287 6,868 12,643 6,097 8,604 9,797 10,984 7,749 35.5% 32.6% 39.3% 38.0% 33.0% 25.9% 39.4% 36.1% 34.3% 39.2% 32.6% 29.4% 2,485 3,834 4,729 4,766 3,139 3,447 3,974 2,417 2,713 2,064 5,210 3,694 66% 12% 13% 31% 26% -10% -16% 49% -14% 31% 53% 9.9% 11.3%</td> <td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td> <td>25,010 33,920 41,089 39,986 25,094 26,517 32,065 16,889 25,098 24,993 33,679 26,342 30,035 39,985 12% 9% 17% 27% 0% -22% -58% 0% -6% 5% 54% 19% 60% 18% 24% 29% 29% 25% 26% 32% 17% 23% 23% 31% 24% 21% 28% 8,881 11,060 16,143 15,189 8,287 6,868 12,643 6,097 8,604 9,797 10,984 7,749 10,549 12,361 35.5% 32.6% 39.3% 33.0% 25.9% 39.4% 36.1% 34.3% 39.2% 32.6% 29.4% 35.1% 30.9% 2,485 3,834 4,729 4,766 3,139 3,447 3,974 2,417 2,713 2,064 5,210 3,694 4,675 6,317 66% 12% 13%</td> <td>25,010 33,920 41,089 39,986 25,094 26,517 32,065 16,889 25,098 24,993 33,679 26,342 30,035 39,985 40,549 12% 9% 17% 27% 0% -22% -58% 0% -6% 5% 54% 19% 60% 20% 18% 24% 29% 29% 25% 26% 32% 17% 23% 23% 31% 24% 21% 28% 29% 8,881 11,060 16,143 15,189 8,287 6,868 12,643 6,097 8,604 9,797 10,984 7,749 10,549 12,361 15,409 35.5% 32.6% 39.3% 38.0% 33.0% 25.9% 39.4% 36.1% 34.3% 39.2% 32.6% 29.4% 35.1% 30.9% 38.0% 2,485 3,834 4,729 4,766 3,139 3,447 3,974 2,417 2,713 2,064 5,210 3,694</td>	25,010 33,920 41,089 39,986 25,094 26,517 32,065 16,889 25,098 24,993 33,679 26,342 12% 9% 17% 27% 0% -22% -22% -58% 0% -6% 5% 54% 18% 24% 29% 29% 25% 26% 32% 17% 23% 23% 31% 24% 8,881 11,060 16,143 15,189 8,287 6,868 12,643 6,097 8,604 9,797 10,984 7,749 35.5% 32.6% 39.3% 38.0% 33.0% 25.9% 39.4% 36.1% 34.3% 39.2% 32.6% 29.4% 2,485 3,834 4,729 4,766 3,139 3,447 3,974 2,417 2,713 2,064 5,210 3,694 66% 12% 13% 31% 26% -10% -16% 49% -14% 31% 53% 9.9% 11.3%	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	25,010 33,920 41,089 39,986 25,094 26,517 32,065 16,889 25,098 24,993 33,679 26,342 30,035 39,985 12% 9% 17% 27% 0% -22% -58% 0% -6% 5% 54% 19% 60% 18% 24% 29% 29% 25% 26% 32% 17% 23% 23% 31% 24% 21% 28% 8,881 11,060 16,143 15,189 8,287 6,868 12,643 6,097 8,604 9,797 10,984 7,749 10,549 12,361 35.5% 32.6% 39.3% 33.0% 25.9% 39.4% 36.1% 34.3% 39.2% 32.6% 29.4% 35.1% 30.9% 2,485 3,834 4,729 4,766 3,139 3,447 3,974 2,417 2,713 2,064 5,210 3,694 4,675 6,317 66% 12% 13%	25,010 33,920 41,089 39,986 25,094 26,517 32,065 16,889 25,098 24,993 33,679 26,342 30,035 39,985 40,549 12% 9% 17% 27% 0% -22% -58% 0% -6% 5% 54% 19% 60% 20% 18% 24% 29% 29% 25% 26% 32% 17% 23% 23% 31% 24% 21% 28% 29% 8,881 11,060 16,143 15,189 8,287 6,868 12,643 6,097 8,604 9,797 10,984 7,749 10,549 12,361 15,409 35.5% 32.6% 39.3% 38.0% 33.0% 25.9% 39.4% 36.1% 34.3% 39.2% 32.6% 29.4% 35.1% 30.9% 38.0% 2,485 3,834 4,729 4,766 3,139 3,447 3,974 2,417 2,713 2,064 5,210 3,694

The author of this report wishes to acknowledge the contribution made by Louise Li, employee of Evalueserve, a third-party provider to Deutsche Bank of offshore research support services.

Appendix 1

Important Disclosures

*Other information available upon request

Disclosure checklist			
Company	Ticker	Recent price*	Disclosure
Gree	000651.SZ	38.65 (CNY) 31 Aug 17	14

Prices are current as of the end of the previous trading session unless otherwise indicated and are sourced from local exchanges via Reuters, Bloomberg and other vendors. Other information is sourced from Deutsche Bank, subject companies, and other sources. For disclosures pertaining to recommendations or estimates made on securities other than the primary subject of this research, please see the most recently published company report or visit our global disclosure look-up page on our website at http://gm/db.com/ger/disclosure/DisclosureBinectory.egar. Aside from within this report, important conflict disclosures can also be found at https://gm.db.com/equities under the "Disclosures Lookup" and "Legal" tabs. Investors are strongly encouraged to review this information before investing.

Important Disclosures Required by U.S. Regulators

Disclosures marked with an asterisk may also be required by at least one jurisdiction in addition to the United States. See Important Disclosures Required by Non-US Regulators and Explanatory Notes.

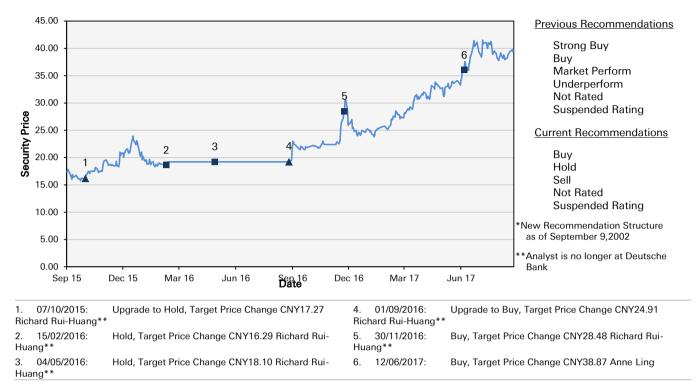
14. Deutsche Bank and/or its affiliate(s) has received non-investment banking related compensation from this company within the past year.

For disclosures pertaining to recommendations or estimates made on securities other than the primary subject of this research, please see the most recently published company report or visit our global disclosure look-up page on our website at http://gm.db.com/ger/disclosure/Disclosure.egsr?ricCode=000651.SZ

Analyst Certification

The views expressed in this report accurately reflect the personal views of the undersigned lead analyst(s) about the subject issuer and the securities of the issuer. In addition, the undersigned lead analyst(s) has not and will not receive any compensation for providing a specific recommendation or view in this report. Anne Ling

Historical recommendations and target price: Gree (000651.SZ) (as of 8/31/2017)



Equity rating key

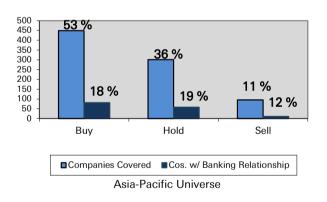
Buy: Based on a current 12- month view of total share-holder return (TSR = percentage change in share price from current price to projected target price plus pro-jected dividend yield), we recommend that investors buy the stock.

Sell: Based on a current 12-month view of total shareholder return, we recommend that investors sell the stock

Hold: We take a neutral view on the stock 12-months out and, based on this time horizon, do not recommend either a Buy or Sell.

Newly issued research recommendations and target prices supersede previously published research.

Equity rating dispersion and banking relationships







Additional Information

The information and opinions in this report were prepared by Deutsche Bank AG or one of its affiliates (collectively "Deutsche Bank"). Though the information herein is believed to be reliable and has been obtained from public sources believed to be reliable, Deutsche Bank makes no representation as to its accuracy or completeness. Hyperlinks to third-party websites in this report are provided for reader convenience only. Deutsche Bank neither endorses the content nor is responsible for the accuracy <u>or security controls</u> of these websites.

If you use the services of Deutsche Bank in connection with a purchase or sale of a security that is discussed in this report, or is included or discussed in another communication (oral or written) from a Deutsche Bank analyst, Deutsche Bank may act as principal for its own account or as agent for another person.

Deutsche Bank may consider this report in deciding to trade as principal. It may also engage in transactions, for its own account or with customers, in a manner inconsistent with the views taken in this research report. Others within Deutsche Bank, including strategists, sales staff and other analysts, may take views that are inconsistent with those taken in this research report. Deutsche Bank issues a variety of research products, including fundamental analysis, equity-linked analysis, quantitative analysis and trade ideas. Recommendations contained in one type of communication may differ from recommendations contained in others, whether as a result of differing time horizons, methodologies or otherwise. Deutsche Bank and/or its affiliates may also be holding debt or equity securities of the issuers it writes on. Analysts are paid in part based on the profitability of Deutsche Bank AG and its affiliates, which includes investment banking, trading and principal trading revenues.

Opinions, estimates and projections constitute the current judgment of the author as of the date of this report. They do not necessarily reflect the opinions of Deutsche Bank and are subject to change without notice. Deutsche Bank provides liquidity for buyers and sellers of securities issued by the companies it covers. Deutsche Bank research analysts sometimes have shorter-term trade ideas that are consistent or inconsistent with Deutsche Bank's existing longer term ratings. Trade ideas for equities can be found at the SOLAR link at http://gm.db.com. A SOLAR idea represents a high conviction belief by an analyst that a stock will outperform or underperform the market and/or sector delineated over a time frame of no less than two weeks. In addition to SOLAR ideas, the analysts named in this report may from time to time discuss with our clients, Deutsche Bank salespersons and Deutsche Bank traders, trading strategies or ideas that reference catalysts or events that may have a near-term or medium-term impact on the market price of the securities discussed in this report, which impact may be directionally counter to the analysts' current 12-month view of total return or investment return as described herein. Deutsche Bank has no obligation to update, modify or amend this report or to otherwise notify a recipient thereof if any opinion, forecast or estimate contained herein changes or subsequently becomes inaccurate. Coverage and the frequency of changes in market conditions and in both general and company specific economic prospects make it difficult to update research at defined intervals. Updates are at the sole discretion of the coverage analyst concerned or of the Research Department Management and as such the majority of reports are published at irregular intervals. This report is provided for informational purposes only and does not take into account the particular investment objectives, financial situations, or needs of individual clients. It is not an offer or a solicitation of an offer to buy or sell any financial instruments or to participate in any particular trading strategy. Target prices are inherently imprecise and a product of the analyst's judgment. The financial instruments discussed in this report may not be suitable for all investors and investors must make their own informed investment decisions. Prices and availability of financial instruments are subject to change without notice and investment transactions can lead to losses as a result of price fluctuations and other factors. If a financial instrument is denominated in a currency other than an investor's currency, a change in exchange rates may adversely affect the investment. Past performance is not necessarily indicative of future results. Unless otherwise indicated, prices are current as of the end of the previous trading session, and are sourced from local exchanges via Reuters, Bloomberg and other vendors. Data is sourced from Deutsche Bank, subject companies, and in some cases, other parties.

The Deutsche Bank Research Department is independent of other business areas divisions of the Bank. Details regarding our organizational arrangements and information barriers we have to prevent and avoid conflicts of interest with respect is available website under Disclaimer found on the to our research on our Legal tab.

Macroeconomic fluctuations often account for most of the risks associated with exposures to instruments that promise to pay fixed or variable interest rates. For an investor who is long fixed rate instruments (thus receiving these cash flows), increases in interest rates naturally lift the discount factors applied to the expected cash flows and thus cause a loss. The longer the maturity of a certain cash flow and the higher the move in the discount factor, the higher will be the loss. Upside surprises in inflation, fiscal funding needs, and FX depreciation rates are among the most common adverse macroeconomic shocks to receivers. But counterparty exposure, issuer creditworthiness, client segmentation, regulation (including changes in assets holding limits for different types of investors), changes in tax policies, currency convertibility (which may constrain currency conversion, repatriation of profits and/or the liquidation of positions), and settlement issues related to local clearing houses are also important risk factors to be considered. The sensitivity of fixed income instruments to macroeconomic shocks may be mitigated by indexing the contracted cash flows to inflation, to FX depreciation, or to specified interest rates - these are common in emerging markets. It is important to note that the index fixings may -- by construction -- lag or mis-measure the actual move in the underlying variables they are intended to track. The choice of the proper fixing (or metric) is particularly important in swaps markets, where floating coupon rates (i.e., coupons indexed to a typically short-dated interest rate reference index) are exchanged for fixed coupons. It is also important to acknowledge that funding in a currency that differs from the currency in which coupons are denominated carries FX risk. Naturally, options on swaps (swaptions) also bear the risks typical to options in addition to the risks related to rates movements.

Derivative transactions involve numerous risks including, among others, market, counterparty default and illiquidity risk. The appropriateness or otherwise of these products for use by investors is dependent on the investors' own circumstances including their tax position, their regulatory environment and the nature of their other assets and liabilities, and as such, investors should take expert legal and financial advice before entering into any transaction similar to or inspired by the contents of this publication. The risk of loss in futures trading and options, foreign or domestic, can be substantial. As a result of the high degree of leverage obtainable in futures and options trading, losses may be incurred that are greater than the amount of funds initially deposited. Trading in options involves risk and is not suitable for all investors. Prior to buying or selling an option investors must review the "Characteristics and Risks of Standardized Options", at http://www.optionsclearing.com/about/publications/character-risks.jsp. If you are unable to access the website please contact your Deutsche Bank representative for a copy of this important document.

Participants in foreign exchange transactions may incur risks arising from several factors, including the following: (i) exchange rates can be volatile and are subject to large fluctuations; (ii) the value of currencies may be affected by numerous market factors, including world and national economic, political and regulatory events, events in equity and debt markets and changes in interest rates; and (iii) currencies may be subject to devaluation or government imposed exchange controls which could affect the value of the currency. Investors in securities such as ADRs, whose values are affected by the currency of an underlying security, effectively assume currency risk.

Unless governing law provides otherwise, all transactions should be executed through the Deutsche Bank entity in the investor's home jurisdiction. Aside from within this report, important conflict disclosures can also be found at https://gm.db.com/equities under the "Disclosures Lookup" and "Legal" tabs. Investors are strongly encouraged to review this information before investing.

Deutsche Bank (which includes Deutsche Bank AG, its branches and all affiliated companies) is not acting as a financial adviser, consultant or fiduciary to you, any of your agents (collectively, "You" or "Your") with respect to any information provided in the materials attached hereto. Deutsche Bank does not provide investment, legal, tax or accounting advice, Deutsche Bank is not acting as Your impartial adviser, and does not express any opinion or recommendation whatsoever as to any strategies, products or any other information presented in the materials. Information contained herein is being provided solely on the basis that the recipient will make an independent assessment of the merits of any investment decision, and it does not constitute a recommendation of, or express an opinion on, any product or service or any trading strategy.

The information presented is general in nature and is not directed to retirement accounts or any specific person or account type, and is therefore provided to You on the express basis that it is not advice, and You may not rely upon it in making Your decision. The information we provide is being directed only to persons we believe to be financially sophisticated, who are capable of evaluating investment risks independently, both in general and with regard to particular transactions and investment strategies, and who understand that Deutsche Bank has financial interests in the

31 August 2017 Retail / Wholesale Trade Gree

offering of its products and services. If this is not the case, or if You are an IRA or other retail investor receiving this directly from us, we ask that you inform us immediately.

United States: Approved and/or distributed by Deutsche Bank Securities Incorporated, a member of FINRA, NFA and SIPC. Analysts located outside of the United States are employed by non-US affiliates that are not subject to FINRA regulations.

Germany: Approved and/or distributed by Deutsche Bank AG, a joint stock corporation with limited liability incorporated in the Federal Republic of Germany with its principal office in Frankfurt am Main. Deutsche Bank AG is authorized under German Banking Law and is subject to supervision by the European Central Bank and by BaFin, Germany's Federal Financial Supervisory Authority.

United Kingdom: Approved and/or distributed by Deutsche Bank AG acting through its London Branch at Winchester House, 1 Great Winchester Street, London EC2N 2DB. Deutsche Bank AG in the United Kingdom is authorised by the Prudential Regulation Authority and is subject to limited regulation by the Prudential Regulation Authority and Financial Conduct Authority. Details about the extent of our authorisation and regulation are available on request.

Hong Kong: Distributed by Deutsche Bank AG, Hong Kong Branch or Deutsche Securities Asia Limited.

India: Prepared by Deutsche Equities India Pvt Ltd, which is registered by the Securities and Exchange Board of India (SEBI) as a stock broker. Research Analyst SEBI Registration Number is INH000001741. DEIPL may have received administrative warnings from the SEBI for breaches of Indian regulations.

Japan: Approved and/or distributed by Deutsche Securities Inc.(DSI). Registration number - Registered as a financial instruments dealer by the Head of the Kanto Local Finance Bureau (Kinsho) No. 117. Member of associations: JSDA, Type II Financial Instruments Firms Association and The Financial Futures Association of Japan. Commissions and risks involved in stock transactions - for stock transactions, we charge stock commissions and consumption tax by multiplying the transaction amount by the commission rate agreed with each customer. Stock transactions can lead to losses as a result of share price fluctuations and other factors. Transactions in foreign stocks can lead to additional losses stemming from foreign exchange fluctuations. We may also charge commissions and fees for certain categories of investment advice, products and services. Recommended investment strategies, products and services carry the risk of losses to principal and other losses as a result of changes in market and/or economic trends, and/or fluctuations in market value. Before deciding on the purchase of financial products and/or services, customers should carefully read the relevant disclosures, prospectuses and other documentation. "Moody's", "Standard & Poor's", and "Fitch" mentioned in this report are not registered credit rating agencies in Japan unless Japan or "Nippon" is specifically designated in the name of the entity. Reports on Japanese listed companies not written by analysts of DSI are written by Deutsche Bank Group's analysts with the coverage companies specified by DSI. Some of the foreign securities stated on this report are not disclosed according to the Financial Instruments and Exchange Law of Japan. Target prices set by Deutsche Bank's equity analysts are based on a 12-month forecast period.

Korea: Distributed by Deutsche Securities Korea Co.

South Africa: Deutsche Bank AG Johannesburg is incorporated in the Federal Republic of Germany (Branch RegisterNumberinSouthAfrica:1998/003298/10).

Singapore: by Deutsche Bank AG, Singapore Branch or Deutsche Securities Asia Limited, Singapore Branch (One Raffles Quay #18-00 South Tower Singapore 048583, +65 6423 8001), which may be contacted in respect of any matters arising from, or in connection with, this report. Where this report is issued or promulgated in Singapore to a person who is not an accredited investor, expert investor or institutional investor (as defined in the applicable Singapore laws and regulations), they accept legal responsibility to such person for its contents.

Taiwan: Information on securities/investments that trade in Taiwan is for your reference only. Readers should independently evaluate investment risks and are solely responsible for their investment decisions. Deutsche Bank research may not be distributed to the Taiwan public media or quoted or used by the Taiwan public media without written consent. Information on securities/instruments that do not trade in Taiwan is for informational purposes only and

is not to be construed as a recommendation to trade in such securities/instruments. Deutsche Securities Asia Limited, Taipei Branch may not execute transactions for clients in these securities/instruments.

Qatar: Deutsche Bank AG in the Qatar Financial Centre (registered no. 00032) is regulated by the Qatar Financial Centre Regulatory Authority. Deutsche Bank AG - QFC Branch may only undertake the financial services activities that fall within the scope of its existing QFCRA license. Principal place of business in the QFC: Qatar Financial Centre, Tower, West Bay, Level 5, PO Box 14928, Doha, Qatar. This information has been distributed by Deutsche Bank AG. Related financial products or services are only available to Business Customers, as defined by the Qatar Financial Centre Regulatory Authority.

Russia: This information, interpretation and opinions submitted herein are not in the context of, and do not constitute, any appraisal or evaluation activity requiring a license in the Russian Federation.

Kingdom of Saudi Arabia: Deutsche Securities Saudi Arabia LLC Company, (registered no. 07073-37) is regulated by the Capital Market Authority. Deutsche Securities Saudi Arabia may only undertake the financial services activities that fall within the scope of its existing CMA license. Principal place of business in Saudi Arabia: King Fahad Road, Al Olaya District, P.O. Box 301809, Faisaliah Tower - 17th Floor, 11372 Riyadh, Saudi Arabia.

United Arab Emirates: Deutsche Bank AG in the Dubai International Financial Centre (registered no. 00045) is regulated by the Dubai Financial Services Authority. Deutsche Bank AG - DIFC Branch may only undertake the financial services activities that fall within the scope of its existing DFSA license. Principal place of business in the DIFC: Dubai International Financial Centre, The Gate Village, Building 5, PO Box 504902, Dubai, U.A.E. This information has been distributed by Deutsche Bank AG. Related financial products or services are only available to Professional Clients, as defined by the Dubai Financial Services Authority.

Australia: Retail clients should obtain a copy of a Product Disclosure Statement (PDS) relating to any financial product referred to in this report and consider the PDS before making any decision about whether to acquire the product. Please refer to Australian specific research disclosures and related information at https://australia.db.com/australia/content/research-information.html

Australia and New Zealand: This research is intended only for "wholesale clients" within the meaning of the Australian Corporations Act and New Zealand Financial Advisors Act respectively.

Additional information relative to securities, other financial products or issuers discussed in this report is available upon request. This report may not be reproduced, distributed or published without Deutsche Bank's prior written consent. Copyright © 2017 Deutsche Bank AG

David Folkerts-Landau Group Chief Economist and Global Head of Research

Michael Spencer

Head of APAC Research

Global Head of Economics

Raj Hindocha Global Chief Operating Officer Research

Anthony Klarman Global Head of Debt Research Paul Reynolds Head of EMEA Equity Research

Andreas Neubauer Head of Research - Germany Spyros Mesomeris Global Head of Quantitative and QIS Research

Dave Clark

Head of APAC

Equity Research

Steve Pollard Head of Americas Research Global Head of Equity Research

> Pam Finelli Global Head of Equity Derivatives Research

International locations

Deutsche Bank AG Deutsche Bank Place Level 16 Corner of Hunter & Phillip Streets Sydney, NSW 2000 Australia

Tel: (61) 2 8258 1234 Deutsche Bank AG London

1 Great Winchester Street London EC2N 2EQ United Kingdom Tel: (44) 20 7545 8000 Deutsche Bank AG Mainzer Landstrasse 11-17 60329 Frankfurt am Main Germany Tel: (49) 69 910 00

Deutsche Bank AG Filiale Hongkong

International Commerce Centre, 1 Austin Road West,Kowloon, Hong Kong Tel: (852) 2203 8888

Deutsche Securities Inc.

2-11-1 Nagatacho Sanno Park Tower Chiyoda-ku, Tokyo 100-6171 Japan Tel: (81) 3 5156 6770

Deutsche Bank Securities Inc.

60 Wall Street

New York, NY 10005

Tel: (1) 212 250 2500

United States of America

