## PG&E Corp

Reuters: PCG.N Bloomberg: PCG UN

N Exchange: NYS

Ticker: PCG

## Grasping the nettle

| Jonathan Arnold        | Lauren Duke        |
|------------------------|--------------------|
| Research Analyst       | Associate Analyst  |
| (+1) 212 250-3182      | (+1) 212 250-8204  |
| jonathan.arnold@db.com | lauren.duke@db.com |

## Looking to 2014 earnings power; new CEO focused on operations

PCG provided disappointing 2012 guidance, driven lower by non-recurring system improvement work, but new CEO Tony Earley directly addressed operational concerns and laid out a clear (albeit expensive) improvement plan. He also indicated his commitment to earning the utility's authorized return in 2014. We see '14 earnings power in the \$3.50 range, implying PCG is trading at a steep discount to large-cap regulated peers. While it may take longer to reach clarity, we believe PCG offers a path to higher value for the patient investor.

## PCG reported solid Q3 results, but outlook overshadowed the quarter

PCG reported 3Q11 operating EPS of \$1.08 above our \$1.03E and \$1.06 consensus. Versus our estimate, rate base earnings growth (+\$0.03) and other miscellaneous items (+\$0.02) were better than expected. PCG reaffirmed 2011 guidance of \$3.45-\$3.60 and issued new 2012 guidance of \$3.10-\$3.30. 2012 guidance was below our estimate of \$3.65 and consensus of \$3.67, which we attribute to two main drivers: an additional \$200M of unrecoverable O&M to accelerate system improvements and higher equity needs.

## Raising 2011; lowering 2012 and 2013

We are raising our 2011 EPS estimate to \$3.50 from \$3.45, reflecting the strong quarter (PCG was able to offset the impact of the Rancho Cordova charge that caused us to lower our estimate before the quarter). We are lowering our 2012 estimate to \$3.20 from \$3.65 and our 2013 estimate to \$3.05 from \$3.50 based on the extra \$200M/yr of system improvement O&M (for 2012 and 2013 only) and higher equity expectations. We also assume, in addition to PCG's guidance, that the CPUC fines PCG \$500M for San Bruno, which increases our equity needs for 2012 above PCG's \$600M estimate. Despite these reduced expectations for 2012 and 2013, we see earnings power of \$3.50 in 2014, assuming modest rate base growth and a ~10% earned ROE on rate base plus CWIP.

## Lowering PT to \$43 from \$44

We are lowering our price target for PCG to \$43 based on a ~12x P/E multiple on our 2014 earnings power estimate of \$3.50. Downside risks include a larger-than-projected CPUC fine, inability to execute on current capital and expense plan, and major changes to PCG's pipeline safety enhancement plan (PSEP).

| Year End Dec 31     | 2010A | 2011E | 2012E  |
|---------------------|-------|-------|--------|
| 1Q EPS <sup>1</sup> | 0.79  | 0.58A | 0.51   |
| 2Q EPS              | 0.91  | 1.02A | 0.98   |
| 3Q EPS              | 1.02  | 1.08A | 1.04   |
| 4Q EPS              | 0.70  | 0.83  | 0.75   |
| FY EPS (USD)        | 3.42  | 3.50  | 3.20   |
| OLD FY EPS (USD)    | 3.42  | 3.45  | 3.65   |
| % Change            | 0.0%  | 1.5%  | -12.5% |
| P/E (x)             | 13.0  | 11.7  | 12.8   |

<sup>1</sup> Includes the impact of FAS123R requiring the expensing of stock options

## Deutsche Bank Securities Inc.

All prices are those current at the end of the previous trading session unless otherwise indicated. Prices are sourced from local exchanges via Reuters, Bloomberg and other vendors. Data is sourced from Deutsche Bank and subject companies. 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. MICA(P) 146/04/2011.

Deutsche Bank

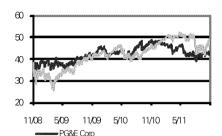


## Forecast Change

| Buy                         |                |              |         |
|-----------------------------|----------------|--------------|---------|
| Price at 3 Nov 2011 (USD    | )              |              | 40.86   |
| Price target                |                |              | 43.00   |
| 52-week range               |                | 48.58        | - 39.21 |
| Key changes<br>Price target | 44.00 to 43.00 | $\downarrow$ | -2.3%   |
| EPS (USD)                   | 3.45 to 3.50   | $\uparrow$   | 1.5%    |

### Price/price relative

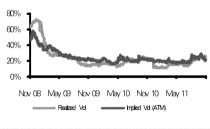
P



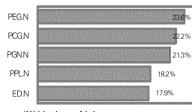
| Performance (%) | 1m  | 3m   | 12m   |
|-----------------|-----|------|-------|
| Absolute        | 0.1 | 5.3  | -11.9 |
| &P 500 INDEX    | 9.4 | -1.3 | 3.7   |

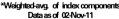
| Stock & option liquidity data       |          |
|-------------------------------------|----------|
| Market cap (USDm)                   | 16,323.1 |
| Shares outstanding (m)              | 399.5    |
| Free float (%)                      | 100      |
| Volume (3 Nov 2011)                 | 799,043  |
| Option volume (und. shrs., 1M avg.) | 11,517   |
| Short interest (m)                  |          |
| Short interest (%)                  |          |
| Institutional ownership (%)         | -        |
| DPS (USD)                           | 1.82     |

## Implied & Realized Volatility (3M)



#### Implied Volatility (3M, ATM) vs. Peers





| Model updated:03 November 2011 |
|--------------------------------|
| Running the numbers            |
| North America                  |
| United States                  |
| Utilities and Power            |

## PG&E Corp

\_ \_ \_ .

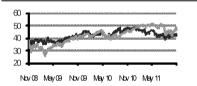
| Reuters: PCG.N   | Bloomberg: PCG UN          |
|------------------|----------------------------|
| Buy              |                            |
| Price (3 Nov 11) | USD 40.86                  |
| Target price     | USD 43.00                  |
| 52-week Range    | USD 39.21 - 48.58          |
| Market Cap (m)   | USDm 16,323<br>EURm 11,878 |

\_ \_ \_ . . .

#### **Company Profile**

PG&E Corporation is a holding company that operates primarily through its regulated electric and gas utility subsidiary, Pacific Gas and Electric. Pacific Gas and Electric operates in northern and central California and serves 5.1M electric distribution customers and 4.3M natural gas distribution customers. The utility also owns operates electric and gas transmission lines, as well as electric generation and natural gas storage facilities. The utility is regulated by the California Public Utilities Commission (CPUC) and the Federal Energy Regulatory Commission (FERC).

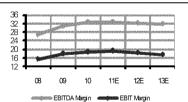
#### **Price Performance**



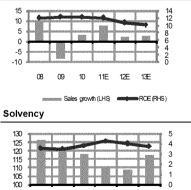
PG&ECorp S&P 500 INDEX (Rebased)

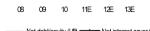
#### Margin Trends

.....



Growth & Profitability





#### Jonathan Arnold

+1 212 250-3182

Page 2

| orp   |  | che Ban   | Bank 🗳   |  |  |   |
|---|--|---|--|--|--|---|
| Fiscal year end 31-Dec  | 2008   | 2009  | 2010   | 2011E  | 2012E  | 2013E   |
| Financial Summary   |  |   |  |  |  |   |
| DB EPS (USD)  | 2.95   | 3.21  | 3.42   | 3.50   | 3.20   | 3.05  |
| Reported EPS (USD)  | 2.95   | 3.24  | 3.40   | 3.50   | 3.20   | 3.05  |
| DPS (USD)   | 1.56<br>26.27  | 1.68<br>28.08   | 1.82<br>29.53  | 1.82<br>30.02  | 1.82<br>30.37  | 1.92<br>30.44   |
| BVPS (USD)  | 20.27  | 20.00   | 29.55  | 30.02  | 30.37  | 30.44   |
| Valuation Metrics   |  |   | 10   |  |  |   |
| Price/Sales (x)<br>P/E (DB) (x)   | 0.9<br>13.1  | 1.1<br>12.3   | 1.2<br>13.0  | 1.1<br>11.7  | 1.1<br>12.8  | 1.1<br>13.4   |
| P/E (Reported) (x)  | 13.2   | 12.2  | 13.1   | 11.7   | 12.8   | 13.4  |
| P/BV (x)  | 1.5  | 1.6   | 1.6  | 1.4  | 1.3  | 1.3   |
| FCF yield (%)   | nm   | nm  | nm   | 0.5  | nm   | nm  |
| Dividend yield (%)  | 4.0  | 4.3   | 4.1  | 4.5  | 4.5  | 4.7   |
| EV/Sales  | 1.6  | 1.9   | 2.0  | 1.9  | 1.9  | 1.9   |
| EV/EBITDA   | 6.1  | 6.1   | 6.3  | 5.7  | 5.9  | 6.0   |
| EV/EBIT   | 10.6   | 10.6  | 10.9   | 9.6  | 10.3   | 10.9  |
| Income Statement (USDm)   |  |   |  |  |  |   |
| Sales   | 14,628   | 13,371  | 13,841   | 14,940   | 15,333   | 15,796  |
| EBITDA  | 3,912  | 4,120   | 4,496  | 4,890  | 4,916  | 5,005   |
| EBIT  | 2,261  | 2,368   | 2,591  | 2,885  | 2,798  | 2,771   |
| Pre-tax profit<br>Net income  | 1,623<br><b>1,081</b>  | 1,763   | 2,012  | 2,218<br><b>1,406</b>  | 2,116<br><b>1,340</b>                                    | 2,040   |
|   | 1,001  | 1,223   | 1,331  | 1,400  | 1,340  | 1,291   |
| Cash Flow (USDm)  |  |   |  |  |  |   |
| Cash flow from operations   | 2,749  | 3,039   | 3,206  | 4,282  | 4,267  | 4,254   |
| Net Capex<br>Free cash flow   | -3,628<br><b>-879</b>  | -3,958<br><b>-919</b>                                 | -3,802<br><b>-596</b>                                  | -4,194<br><b>88</b>  | -4,834<br><b>-567</b>                                    | -4,471<br><b>-217</b>                                   |
| Equity raised/(bought back)   | -875   | - <b>313</b><br>219                                   | 303  | 500  | 760  | -350  |
| Dividends paid  | -546   | -590  | -662   | -741   | -773   | -811  |
| Net inc/(dec) in borrowings   | 1,133  | 993   | 862  | -4   | 502  | 1,300   |
| Other investing/financing cash flows  | -59  | 605   | -143   | 183  | 100  | 100   |
| Net cash flow   | -126   | <b>308</b><br>-814                                    | <b>-236</b><br>-400                                    | 25<br>0  | <b>22</b><br>0   | <b>22</b><br>0  |
| Change in working capital   | -840   | -014  | -400   | 0  | 0  |   |
| Balance Sheet (USDm)  |  |   |  |  |  |   |
| Cash and cash equivalents   | 219  | 527   | 291  | 316  | 339  | 360   |
| Property, plant & equipment   | 26,261   | 28,892  | 31,449   | 33,392   | 35,862   | 37,853  |
| Goodwill<br>Other assets  | 0<br>14,380  | 0<br>13,526   | 0<br>14,285  | 0<br>14,300  | 0<br>14,315  | 0<br>14,330   |
| Total assets  | 40,860   | 42,945  | 46,025   | 48,008   | 50,516   | 52,543  |
| Debt  | 12,043   | 13,021  | 13,647   | 13,643   | 14,145   | 15,445  |
| Other liabilities   | 19,440   | 19,591  | 21,096   | 22,372   | 23,704   | 24,287  |
| Total liabilities   | 31,483   | 32,612  | 34,743   | 36,015   | 37,849   | 39,732  |
| Total shareholders' equity<br>Net debt  | <b>9,377</b><br>11,824   | <b>10,333</b><br>12,494                               | <b>11,282</b><br>1 <i>3,3</i> 56                       | <b>11,994</b><br>13,327  | <b>12,667</b><br>13,806                                  | <b>12,811</b><br>15,085                                 |
|   |  |   |  |  |  |   |
| Key Company Metrics<br>Sales growth (%)   | 10.5   | -8.6  | 3.5  | 7.9  | 2.6  | 3.0   |
| DB EPS growth (%)   | 6.1  | 8.8   | 6.5  | 2.4  | -8.7   | -4.5  |
| Payout ratio (%)  | 51.5   | 50.6  | 52.2   | 51.7   | 56.7   | 62.6  |
| EBITDA Margin (%)   | 26.7   | 30.8  | 32.5   | 32.7   | 32.1   | 31.7  |
| EBIT Margin (%)   | 15.5   | 17.7  | 18.7   | 19.3   | 18.2   | 17.5  |
| ROE (%)   | 12.1   | 12.4  | 12.3   | 12.1   | 10.9   | 10.1  |
| Net debt/equity (%)<br>Net interest cover (x)   | 126.1<br>3.6   | 120.9<br>3.5  | 118.4<br>3.8   | 111.1<br>4.3   | 109.0<br>4.1   | 117.8<br>3.8  |
|   | 5.0  | 5.5   | 3.0  | 4.5  | 4.1  | 5.0   |
| DuPont Analysis   |  |   |  |  |  |   |
|   |  | 17.7  | 18.7   | 19.3   | 18.2   | 17.5  |
| EBIT margin (%)   | 15.5   | ~ ~   |  | 0.3  | 0.3  | 0.3   |
| x Asset turnover (x)  | 0.4  | 0.3   | 0.3  |  | 0.8  | Δ.Z   |
| x Asset turnover (x)<br>x Financial cost ratio (x)  | 0.4<br>0.7   | 0.7   | 0.7  | 0.8  | 0.8<br>0.6   | 0.7<br>0.6  |
| x Asset turnover (x)<br>x Financial cost ratio (x)<br>x Tax and other effects (x)   | 0.4<br>0.7<br>0.7  | 0.7<br>0.7  | 0.7<br>0.7   | 0.8<br>0.6   | 0.6  | 0.6   |
| x Asset turnover (x)<br>x Financial cost ratio (x)  | 0.4<br>0.7   | 0.7   | 0.7  | 0.8  |  |   |
| <pre>x Asset turnover (x)<br/>x Financial cost ratio (x)<br/>x Tax and other effects (x)<br/>= ROA (post tax) (%)<br/>x Financial leverage (x)<br/>= ROE (%)</pre>  | 0.4<br>0.7<br>0.7<br><b>2.8</b><br>4.3<br><b>12.1</b>          | 0.7<br>0.7<br><b>2.9</b><br>4.3<br><b>12.4</b>        | 0.7<br>0.7<br><b>3.0</b><br>4.1<br><b>12.3</b>         | 0.8<br>0.6<br><b>3.0</b><br>4.0<br><b>12.1</b>                 | 0.6<br><b>2.7</b><br>4.0<br><b>10.9</b>                  | 0.6<br><b>2.5</b><br>4.0<br><b>10.1</b>                 |
| <ul> <li>x Asset turnover (x)</li> <li>x Financial cost ratio (x)</li> <li>x Tax and other effects (x)</li> <li>= ROA (post tax) (%)</li> <li>x Financial leverage (x)</li> <li>= ROE (%)</li> <li>annual growth (%)</li> </ul> | 0.4<br>0.7<br><b>2.8</b><br>4.3<br><b>12.1</b><br>-1.9         | 0.7<br>0.7<br><b>2.9</b><br>4.3<br><b>12.4</b><br>2.9 | 0.7<br>0.7<br><b>3.0</b><br>4.1<br><b>12.3</b><br>-0.8 | 0.8<br>0.6<br><b>3.0</b><br>4.0<br><b>12.1</b><br>- <i>1.9</i> | 0.6<br><b>2.7</b><br>4.0<br><b>10.9</b><br>- <i>10.0</i> | 0.6<br><b>2.5</b><br>4.0<br><b>10.1</b><br>-6.7         |
| <pre>x Asset turnover (x)<br/>x Financial cost ratio (x)<br/>x Tax and other effects (x)<br/>= ROA (post tax) (%)<br/>x Financial leverage (x)<br/>= ROE (%)<br/>annual growth (%)<br/>x NTA/share (avg) (x)</pre>              | 0.4<br>0.7<br><b>2.8</b><br>4.3<br><b>12.1</b><br>-1.9<br>24.5 | 0.7<br>0.7<br><b>2.9</b><br>4.3<br><b>12.4</b>        | 0.7<br>0.7<br><b>3.0</b><br>4.1<br><b>12.3</b>         | 0.8<br>0.6<br><b>3.0</b><br>4.0<br><b>12.1</b><br>-1.9<br>29.0 | 0.6<br><b>2.7</b><br>4.0<br><b>10.9</b>                  | 0.6<br><b>2.5</b><br>4.0<br><b>10.1</b><br>-6.7<br>30.1 |
| <ul> <li>x Asset turnover (x)</li> <li>x Financial cost ratio (x)</li> <li>x Tax and other effects (x)</li> <li>= ROA (post tax) (%)</li> <li>x Financial leverage (x)</li> <li>= ROE (%)</li> <li>annual growth (%)</li> </ul> | 0.4<br>0.7<br><b>2.8</b><br>4.3<br><b>12.1</b><br>-1.9         | 0.7<br>0.7<br><b>2.9</b><br>4.3<br><b>12.4</b><br>2.9 | 0.7<br>0.7<br><b>3.0</b><br>4.1<br><b>12.3</b><br>-0.8 | 0.8<br>0.6<br><b>3.0</b><br>4.0<br><b>12.1</b><br>- <i>1.9</i> | 0.6<br><b>2.7</b><br>4.0<br><b>10.9</b><br>- <i>10.0</i> | 0.6<br><b>2.5</b><br>4.0<br><b>10.1</b><br>-6.7         |

Source: Company data, Deutsche Bank estimates

SB GT&S 0224067

jonathan.arnold@db.com

## Operational focus: near-term EPS hit, long-term gain?

PCG reported solid Q3 earnings of \$1.08 versus our \$1.03 estimate and \$1.06 consensus. Investor focus, however, was on disappointing 2012 guidance and indications of a weakerthan-expected 2013. This was new CEO Tony Earley's first call with the company, and we believe he clearly and definitively laid out a plan to improve operations and subsequently rebuild relationships with key stakeholders (regulators, ratepayers, legislators, and the community). For anyone struggling to translate our title, it's a common British expression meaning "tackling a difficult problem boldly." The key driver of the weak outlook for 2012 and 2013 was a 2-year, \$200M/yr system improvement project, which accelerates some already-planned work and adds new projects to further improve operations. Despite expecting two years of weaker-than-expected earnings, Earley indicated that PCG is committed to earning the utility's authorized return in 2014. Thus, our focus for PCG's valuation and outlook is now on 2014 earnings power, which we estimate at ~\$3.50. We believe PCG is working toward improving its relationships with stakeholders by focusing on operations at the expense of near-term earnings. Ultimately, we believe it is positive that PCG has a new CEO in place to drive a change in culture and past operational practices, which we believe stakeholders have been pushing for since last year's San Bruno explosion. Earley's experience with difficult service territories (Detroit) and building strong community relationships should be particularly helpful at PCG, and we felt he came across as both engaged and highly focused at driving towards tangible improvements while recognizing that this is unlikely to be a quick process in terms of regaining stakeholder trust.

On valuation, we note that PCG is currently trading at an 11% discount to regulated peers on our 2014 earnings power estimate, and a 19% discount to larger-cap regulated peers. Our \$43 target implies a multiple nearly one turn below the current regulated average and 15% below the current large-cap regulated multiple. While we would not argue that PCG should trade in line with peers near term, we would expect the discount to narrow as PCG begins to implement its new operational excellence plan and various ongoing regulatory proceedings (which we discuss later) are wrapped up over the next year. Ultimately, once the various uncertainties are resolved we see no reason why the utility could not regain the premium valuation it has merited at times in the past. For sure, general regulatory uncertainty in California is also a factor, but we would note that our earnings power already factors in a lower ROE and lower equity in the capital structure. With the denominator already discounted we believe it would be double-counting to also argue for a steep discount in the numerator.

## Revisiting 2012 and 2013; looking ahead to 2014

We are lowering our 2012 and 2013 EPS estimates by \$0.45 to \$3.20 and \$3.05, respectively. Our 2012 estimate is at the midpoint of PCG's new guidance and reflects a rate base forecast in line with that provided by PCG (\$24.5B), CWIP of \$1.6B, and ~\$0.35 of unrecoverable costs (the \$200M/yr system improvement spending, weaker gas park-and-loan revenues, and higher other litigation costs). We believe that PCG's guidance contains some "cushion" (including the lower gas revenues and higher litigation costs and PCG's ability to improve other efficiencies to offset some of the system improvement costs) to give the company and investors more certainty that actual results will fall in the range even if certain assumptions end up being too aggressive (such as the pipeline plan being approved in full). In 2013, we assume capex of ~\$4.5B based on ~\$4B from already-approved cases and an additional \$400M-\$500M for the Pipeline Safety Enhancement Plan (PSEP). We continue to assume that the California Public Utilities Commission (CPUC) lowers PCG's authorized ROE by 100bps to 10.35% and its equity ratio to 50% from 52% in the 2013 cost of capital reset case (to be filed in April). We assume the unrecoverable costs expected in 2012 continue into 2013.

For 2014, we assume modest (~4%) rate base growth to \$27.8B, although we note that given PCG's needed gas system spending and other operational improvements we expect them to request in the next General Rate Case (GRC) could keep spending at a much higher level. We then assume that PCG earns on half of its CWIP balance and still experiences ~\$0.06 of lower gas revenues and higher litigation costs. Based on these drivers, we estimate 2014 earnings power in the ~\$3.50 range. Figure 1 shows our EPS outlook, rate base, earned and allowed ROE assumptions for 2012-2014.

| Figure 1: PCG EPS Estimation | ates   |        |        |
|------------------------------|--------|--------|--------|
|                              | 2012   | 2013   | 2014   |
| Rate Base                    | 24.5   | 26.7   | 27.8   |
| CWIP                         | 1.6    | 1.6    | 1.5    |
| Authorized CPUC ROE          | 11.35% | 10.35% | 10.35% |
| Earned ROE                   | 9.9%   | 9.1%   | 10.0%  |
| Equity %                     | 52%    | 50%    | 50%    |
| Earnings                     | 1,341  | 1,290  | 1,467  |
| Share Count                  | 419    | 423    | 419    |
| EPS                          | 3.20   | 3.05   | 3.50   |

Source: Deutsche Bank

### Expecting sizable equity needs in 2012

PCG indicated equity needs of \$600M for 4Q11 and 2012 combined, above our prior \$350M estimate for 2012. In our model (and embedded in our estimates discussed above), we have assumed that PCG issues an additional \$100M of equity during 4Q11, with the remaining \$500M in 2012. In addition, we have assumed that the CPUC fines PCG \$500M for the San Bruno explosion in an ongoing proceeding that we expect to be completed in late 2012. This drives our 2012 equity needs up by an additional \$260M (reflecting 52% of the fine to allow PCG to maintain its authorized equity ratio). We assume that the CPUC lowers PCG's authorized equity ratio to 50% from 52% for 2013. In our model, we have assumed that PCG will buyback \$350M of equity in 2013 to bring its equity ratio in line with the lower authorized level. In practice, however, the timing of the cost of capital proceeding and investigation into PCG's recordkeeping practices (where we would expect a potential fine to be levied) could result in PCG not needing to issue equity to fund the fine versus our \$260M issuance in late 2012 and subsequent \$350M buyback in 2012. We also note that if the CPUC does not adjust PCG's equity ratio for 2013, we would not expect a share buyback. In this case, however, earnings power would be higher as PCG would be allowed to earn on a higher equity base.

## Regulatory, operational plan update

PCG is involved in two key pipeline-related proceedings before the CPUC. The first, an investigation into PCG's pipeline recordkeeping practices (I.11-02-016), is expected to be resolved in late 2012. The CPUC Legal Division is currently reviewing PCG's practices, and we expect a deadline for their report and assessment in late February. The second key case is the CPUC's rulemaking on gas pipeline safety and reliability (R.11-02-019). In this case, PCG has filed its Pipeline Safety Enhancement Plan (PSEP), outlining its plans to pressure test or replace its entire pipeline system, install automated valves, and move to a fully electronic recordkeeping system at a cost of \$2.2B through 2014, of which PCG has proposed shareholders will pay for \$2B. In addition, PCG's plan showed shareholders paying for additional work on post-1970s pipe and the document gathering in 2010 and 2012 (an additional \$300M+). In this case, other parties' testimony on PCG's plan is due on January 31, 2012, and hearings are scheduled for mid-to-late March, implying a decision around mid-2012. We note that PCG's 2012 guidance assumes that their plan is approved.

In addition to these pending proceedings, PCG will file its next General Rate Case (for 2014-2016) in late 2012, and its next Gas Transmission & Storage Case will follow one year later. We expect that PCG will request recovery of ongoing additional system improvement costs to continue its push toward improving operations. We would not necessarily expect the magnitude of these ongoing costs to be equal to the \$200M expected for 2012 and 2013, as ~1/3 of those expenses are to accelerate previously planned expenses for later periods (2014 and beyond).

## Valuation and risks

We value PCG at \$43 by applying a ~12x P/E multiple to our 2014 earnings power outlook of ~\$3.50. We note that our target multiple for PCG reflects nearly a one-turn discount to where regulated utilities are currently trading, and a 15% discount to larger-cap regulateds.

The key downside risks for PCG, in our view, are higher-than-expected penalties or unrecovered pipeline costs as a result of the San Bruno accident and a greater-than-expected downward ROE adjustment than we assume. A significant adjustment to the capital growth plan would also be a risk to our estimates.

| Figure 2: PCG Income Statemer<br>PG&E Corp. (NYSE: PCG) |         |         |         |         |         |         |         |         |         |         |         |        |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| Income Statement  | 2006A   | 2007A   | 2008A   | 2009A   | 2010A   | 1Q11A   | 2Q11A   | 3Q11A   | 4Q11E   | 2011E   | 2012E   | 2013E  |
| Operating Revenue                                       | 12,377  | 13,237  | 14,628  | 13,371  | 13,841  | 3,597   | 3,684   | 3,860   | 3,799   | 14,940  | 15,333  | 15,796 |
| Fuel & Purchased Power                                  | (5,019) | (5,472) | (6,515) | (5,002) | (5,189) | (1,396) | (1,164) | (1,394) | (1,865) | (5,819) | (5,901) | (5,984 |
| Gross Margin  | 7,358   | 7,765   | 8,113   | 8,369   | 8,652   | 2,201   | 2,520   | 2,466   | 1,935   | 9,122   | 9,433   | 9,812  |
| O&M Expense   | (3,648) | (3,881) | (4,201) | (4,249) | (4,156) | (1,175) | (1,161) | (1,094) | (802)   | (4,232) | (4,517) | (4,807 |
| Taxes& Other  | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       | -      |
| EBITDA  | 3,711   | 3,884   | 3,912   | 4,120   | 4,496   | 1,026   | 1,359   | 1,372   | 1,133   | 4,890   | 4,916   | 5,005  |
| EBITDA / Gross Margin                                   | 50.4%   | 50.0%   | 48.2%   | 49.2%   | 52.0%   | 46.6%   | 53.9%   | 55.6%   | 58.5%   | 53.6%   | 52.1%   | 51.0%  |
| Depreciation & Amortization                             | (1,709) | (1,770) | (1,651) | (1,752) | (1,905) | (491)   | (592)   | (566)   | (356)   | (2,005) | (2,118) | (2,234 |
| EBIT  | 2,002   | 2,114   | 2,261   | 2,368   | 2,591   | 535     | 767     | 806     | 777     | 2,885   | 2,798   | 2,771  |
| Interestincome/ (Expense)                               | (550)   | (598)   | (634)   | (672)   | (675)   | (175)   | (172)   | (174)   | (150)   | (671)   | (687)   | (736   |
| Other Income / (Expense)                                | 1       | 43      | (4)     | 67      | 96      | 17      | 21      | 18      | (51)    | 5       | 5       | 5      |
| Earnings Before Taxes                                   | 1,453   | 1,559   | 1,623   | 1,763   | 2,012   | 377     | 616     | 650     | 575     | 2,218   | 2,116   | 2,040  |
| IncomeTax Charge  | (517)   | (539)   | (528)   | (526)   | (667)   | (144)   | (207)   | (211)   | (236)   | (798)   | (762)   | (734   |
| EffectiveTaxRate  | 35.6%   | 34.6%   | 32.5%   | 29.8%   | 33.2%   | 38.2%   | 33.6%   | 32.5%   | 41.1%   | 36.0%   | 36.0%   | 36.0%  |
| Preferred Dividends                                     | (14)    | (14)    | (14)    | (14)    | (14)    | (3)     | (3)     | (3)     | (5)     | (14)    | (14)    | (14)   |
| Minority & Other  | -       | -       | -       | 17      | 8       | -       | -       | -       | -       | -       | -       | -      |
| Net Income - Operating                                  | 922     | 1,006   | 1,081   | 1,240   | 1,339   | 230     | 406     | 436     | 334     | 1,406   | 1,340   | 1,291  |
| Adjustments,Net   | 69      | -       | 257     | (3)     | (232)   | (31)    | (44)    | (236)   | (163)   | (474)   | (668)   | -      |
| Net Income - GAAP                                       | 991     | 1,006   | 1,338   | 1,237   | 1,107   | 199     | 362     | 200     | 171     | 932     | 672     | 1,291  |
| EPS - Operating   | \$2.57  | \$2.78  | \$2.95  | \$3.21  | \$3.42  | \$0.58  | \$1.02  | \$1.08  | \$0.83  | \$3.50  | \$3.20  | \$3.05 |
| EPS - GAAP  | \$2.76  | \$2.78  | \$3.63  | \$3.20  | \$2.82  | \$0.50  | \$0.91  | \$0.50  | \$0.42  | \$2.32  | \$1.60  | \$3.05 |
| DPS - Period End Rate                                   | \$1.32  | \$1.44  | \$1.56  | \$1.68  | \$1.82  | \$0.46  | \$0.46  | \$0.46  | \$0.46  | \$1.82  | \$1.82  | \$1.92 |
| Payout Ratio  | 51.4%   | 51.8%   | 52.9%   | 52.3%   | 53.2%   | 78.4%   | 44.6%   | 42.1%   | 54.8%   | 52.0%   | 56.9%   | 63.0%  |
| Diluted Avg. Shares (MM)                                | 359     | 362     | 367     | 386     | 392     | 397     | 400     | 404     | 404     | 401     | 419     | 423    |
| End of Period Shares (MM)                               | 350     | 355     | 362     | 371     | 395     | 397     | 402     | 405     |         | 407     | 425     | 417    |

Source: Deutsche Bank, PCG

Page 6

| PG&E Corp. (NYSE: PCG)            |         |         |          |          |          |        |                     |         |          |         |          |         |
|-----------------------------------|---------|---------|----------|----------|----------|--------|---------------------|---------|----------|---------|----------|---------|
| Cash Flow Statement               | 2006A   | 2007A   | 2008A    | 2009A    | 2010A    | 1Q11A  | 2Q11A               | 3Q11A   | 4Q11E    | 2011E   | 2012E    | 2013E   |
| Net Income - GAAP                 | 991     | 1,006   | 1,338    | 1,237    | 1,107    | 199    | 362                 | 200     | 171      | 932     | 672      | 1,291   |
| Depreciation & Amortization       | 1,756   | 1,894   | 1,863    | 1,237    | 2,151    | 550    | 648                 | 450     | 603      | 2,251   | 2,364    | 2,480   |
| Regulatory Assets & Liabilities   | 1,100   | 1,004   | 1,000    | 1,041    | 2,101    | -      | 040                 |         |          | 2,201   | 2,004    | 2,400   |
| Non-Cash Extraordinary Items      | (11)    | (1)     | (1)      |          |          | _      | _                   |         | _        |         |          |         |
| Deferred Taxes                    | (11)    | 57      | 590      | 809      | 756      | 99     | 298                 | 155     | 247      | 799     | 761      | 36      |
| Other Operating Cash Flow         | (200)   | 148     | (201)    | (140)    | (408)    | 139    | (151)               | 607     | (295)    | 300     | 470      | 11:     |
| Working Capital Changes           | 126     | (559)   | (840)    | (140)    | (400)    | 100    | (340)               | (85)    | 324      | 000     | 410      | 110     |
| Cash Flow From Operations         | 2,714   | 2,545   | 2,749    | 3,039    | 3,206    | 1,088  | <u>(340)</u><br>817 | 1,327   | 1,050    | 4,282   | 4,267    | 4,254   |
|                                   |         |         | •        |          |          | -,     |                     | -,      |          |         |          | •       |
| CFFO Excluding Working Capital    | 2,588   | 3,104   | 3,589    | 3,853    | 3,606    | 987    | 1,157               | 1,412   | 726      | 4,282   | 4,267    | 4,254   |
| Capital Expenditures              | (2,402) | (2,769) | (3,628)  | (3,958)  | (3,802)  | (945)  | (952)               | (1,071) | (1,226)  | (4,194) | (4,834)  | (4,471  |
| Asset Acquisitions                | -       | -       | -        | -        | -        | -      | -                   | -       | -        | -       | -        |         |
| Asset Divestitures                | 17      | 21      | 26       | -        | -        | -      | -                   | -       | -        | - 10    | -        |         |
| Other Investing Cash Flow         | (42)    | 82      | (50)     | 622      | (55)     | 62     | 130                 | (154)   | 145      | 183     | 100      | 10(     |
| Cash Flows From Investing         | (2,427) | (2,666) | (3,652)  | (3,336)  | (3,857)  | (883)  | (822)               | (1,225) | (1,081)  | (4,011) | (4,734)  | (4,371  |
| Change in Net Debt                | (108)   | 295     | 1,133    | 993      | 862      | (182)  | 129                 | (131)   | 180      | (4)     | 502      | 1,300   |
| Common Stock Issued               | 131     | 175     | 225      | 219      | 303      | 82     | 175                 | 134     | 109      | 500     | 760      |         |
| Common Stock Repurchased          | (114)   | -       | -        | -        | -        | -      | -                   | -       | -        | -       | -        | (350    |
| Preferred Stock Issued (Net)      | -       | -       | -        | -        | -        | -      | -                   | -       | -        | -       | -        |         |
| Preferred Dividends               | -       | -       | -        | -        | -        | -      | -                   | -       | (14)     | (14)    | (14)     | (14     |
| Common Dividends                  | (456)   | (494)   | (546)    | (590)    | (662)    | (174)  | (175)               | (176)   | (202)    | (727)   | (759)    | (797    |
| Other Financing                   | 3       | 34      | (35)     | (17)     | (88)     | 18     | (14)                | (2)     | (2)      | -       | -        |         |
| Cash Flow From Financing          | (544)   | 10      | 777      | 605      | 415      | (256)  | 115                 | (175)   | 71       | (245)   | 489      | 13      |
| Other Cash Flow                   | -       | -       | -        | -        | -        | -      | -                   | -       | -        | -       | -        |         |
| Opening Cash & Equivalents        | 713     | 456     | 345      | 219      | 527      | 291    | 240                 | 350     | 277      | 291     | 316      | 33      |
| Closing Cash & Equivalents        | 456     | 345     | 219      | 527      | 291      | 240    | 350                 | 277     | 316      | 316     | 339      | 36      |
| Net Cash Flow                     | (257)   | (111)   | (126)    | 308      | (236)    | (51)   | 110                 | (73)    | 39       | 25      | 22       | 22      |
| Unlevered Free Cash Flow          | 666     | 167     | (451)    | (447)    | (145)    | 251    | (21)                | 374     | (88)     | 517     | (127)    | 254     |
| Free Cash Flow (Ex. Working Cap.) | 186     | 335     | (39)     | (105)    | (196)    | 42     | 205                 | 341     | (500)    | 88      | (567)    | (217    |
| FCF Per Share (Ex. Working Cap.)  | \$0.52  | \$0.93  | (\$0.11) | (\$0.27) | (\$0.50) | \$0.11 | \$0.51              | \$0.84  | (\$1.24) | \$0.22  | (\$1.35) | (\$0.51 |
| FCF to Equity After Dividends     | (270)   | (159)   | (585)    | (695)    | (858)    | (132)  | 30                  | 165     | (717)    | (654)   | (1,340)  | (1,028  |

3 November 2011 Utilities and Power PG&E Corp

| PG&E Corp. (NYSE: PCG)          |        |        |        |        |        |        |        |        |        |        |        |        |
|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Balance Sheet                   | 2006A  | 2007A  | 2008A  | 2009A  | 2010A  | 1Q11A  | 2Q11A  | 3Q11A  | 4Q11E  | 2011E  | 2012E  | 2013E  |
| ASSETS                          |        |        |        |        |        |        |        |        |        |        |        |        |
| Cash & Cash Equivalents         | 456    | 345    | 219    | 527    | 291    | 240    | 350    | 277    | 316    | 316    | 339    | 360    |
| Fuel Inventory & Other          | 330    | 371    | 423    | 314    | 357    | 292    | 356    | 417    | 357    | 357    | 357    | 357    |
| Accounts Receivable             | 2,950  | 3,120  | 3,633  | 2,280  | 2,387  | 2,352  | 2,449  | 2,568  | 2,402  | 2,402  | 2,417  | 2,432  |
| RegulatoryAssets                | -      | -      | -      | 1,536  | 1,704  | 1,873  | 2,134  | 1,743  | 1,704  | 1,704  | 1,704  | 1,704  |
| Other Current Assets            | 2,131  | 1,613  | 2,128  | 1,000  | 803    | 714    | 833    | 872    | 803    | 803    | 803    | 803    |
| Total CurrentAssets             | 5,867  | 5,449  | 6,403  | 5,657  | 5,542  | 5,471  | 6,122  | 5,877  | 5,582  | 5,582  | 5,620  | 5,650  |
| Net Property, Plant & Equipment | 21,785 | 23,656 | 26,261 | 28,892 | 31,449 | 31,872 | 32,127 | 32,832 | 33,392 | 33,392 | 35,862 | 37,85  |
| _ong-Term Investments           | -      | -      | -      | -      | _      | -      | -      | -      | -      | - C    | -      |        |
| Goodwill                        | -      | -      | _      | -      |        | -      | -      | -      | -      | -      | -      |        |
| Nuclear Decommissioning Funds   | 1,876  | 1,979  | 1,718  | 1,899  | 2,009  | 2,054  | 2,069  | 1,964  | 2,009  | 2,009  | 2,009  | 2,00   |
| RegulatoryAssets                | 4,902  | 4,459  | 5,996  | 5,522  | 5,846  | 5,655  | 5,905  | 5,714  | 5,846  | 5,846  | 5,846  | 5,84   |
| Other Long-Term Assets          | 373    | 1,089  | 482    | 975    | 1,179  | 1,207  | 1,095  | 1,130  | 1,179  | 1,179  | 1,179  | 1,179  |
| Fotal Assets                    | 34,803 | 36,632 | 40,860 | 42,945 | 46,025 | 46,259 | 47,318 | 47,517 | 48,008 | 48,008 | 50,516 | 52,54  |
|                                 |        |        |        |        |        |        |        |        |        |        |        |        |
| IABILITIES                      |        |        |        |        |        |        |        |        | 60     |        |        |        |
| Short Term Debt                 | 759    | 519    | 287    | 833    | 853    | 1,288  | 1,210  | 1,137  | 1,153  | 1,153  | 1,078  | 1,378  |
| Currently Maturing LT Debt      | 281    | -      | 600    | 342    | 809    | 922    | 50     | 50     | -      | -      | -      |        |
| Accounts Payable                | 4,234  | 3,763  | 3,749  | 2,106  | 2,253  | 2,185  | 2,203  | 2,207  | 2,253  | 2,253  | 2,253  | 2,25   |
| Regulatory Liabilities          |        | -      | -      | 281    | 256    | 531    | 529    | 421    | 256    | 256    | 256    | 250    |
| Other Current Liabilities       | 2,346  | 2,071  | 2,620  | 2,865  | 2,610  | 2,437  | 2,617  | 2,585  | 2,615  | 2,615  | 2,620  | 2,62   |
| Total Current Liabilities       | 7,620  | 6,353  | 7,256  | 6,427  | 6,781  | 7,363  | 6,609  | 6,400  | 6,277  | 6,277  | 6,207  | 6,51   |
| ong Term Debt                   | 9,263  | 10,107 | 10,904 | 11,594 | 11,733 | 11,024 | 12,102 | 12,044 | 12,238 | 12,238 | 12,815 | 13,81  |
| Deferred Taxes                  | 2,946  | 3,053  | 3,397  | 4,732  | 5,547  | 5,721  | 5,945  | 6,212  | 5,547  | 5,547  | 5,547  | 5,54   |
| Asset RetirementObligations     | 1,466  | 1,579  | 1,684  | 1,593  | 1,586  | 1,583  | 1,582  | 1,591  | 1,586  | 1,586  | 1,586  | 1,580  |
| Pension & Benefit Reserves      | -      | -      | 2,088  | 1,773  | 2,234  | 2,288  | 2,317  | 2,343  | 2,234  | 2,234  | 2,234  | 2,234  |
| Regulatory Liabilities          | 3,392  | 4,448  | 3,657  | 4,125  | 4,525  | 4,584  | 4,654  | 4,596  | 4,525  | 4,525  | 4,525  | 4,52   |
| Other Long-Term Liabilities     | 2,053  | 2,287  | 2,245  | 2,116  | 2,085  | 2,030  | 2,068  | 2,120  | 3,608  | 3,356  | 4,683  | 5,26   |
| fotal Long-Term Liabilities     | 19,120 | 21,474 | 23,975 | 25,933 | 27,710 | 27,230 | 28,668 | 28,906 | 29,738 | 29,486 | 31,390 | 32,96  |
| /linorityInterest               | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      |        |
| Preferred Stock                 | 252    | 252    | 252    | 252    | 252    | 252    | 252    | 252    | -      | 252    | 252    | 252    |
| Common Equity                   | 5,159  | 5,392  | 5,984  | 6,280  | 6,878  | 6,983  | 7,171  | 7,318  | 7,378  | 7,378  | 8,138  | 7,788  |
| Retained Earnings / (Deficit)   | 2,671  | 3,151  | 3,614  | 4,213  | 4,606  | 4,624  | 4,802  | 4,817  | 4,811  | 4,811  | 4,724  | 5,218  |
| Other Comprehensive Income      | (19)   | 10     | (221)  | (160)  | (202)  | (193)  | (184)  | (176)  | (195)  | (195)  | (195)  | (19    |
| Fotal Shareholders' Equity      | 7,811  | 8,553  | 9,377  | 10,333 | 11,282 | 11,414 | 11,789 | 11,959 | 11,994 | 11,994 | 12,667 | 12,81  |
| Total Liabilities & Equity      | 34,803 | 36.632 | 40,860 | 42.945 | 46.025 | 46.259 | 47,318 | 47.517 | 48.008 | 48.008 | 50,516 | 52,543 |

Page 8

Deutsche Bank

# Appendix 1

## **Important Disclosures**

Additional information available upon request

| Disclosure checklist |        |                      |            |
|----------------------|--------|----------------------|------------|
| Company              | Ticker | Recent price*        | Disclosure |
| PG&E Corp            | PCG.N  | 42.35 (USD) 2 Nov 11 | 1,6,14,15  |

\*Prices are sourced from local exchanges via Reuters, Bloomberg and other vendors. Data is sourced from Deutsche Bank and subject companies.

## 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.

- 1. Within the past year, Deutsche Bank and/or its affiliate(s) has managed or co-managed a public or private offering for this company, for which it received fees.
- 6. Deutsche Bank and/or its affiliate(s) owns one percent or more of any class of common equity securities of this company calculated under computational methods required by US law.
- 14. Deutsche Bank and/or its affiliate(s) has received non-investment banking related compensation from this company within the past year.
- 15. This company has been a client of Deutsche Bank Securities Inc. within the past year, during which time it received noninvestment banking securities-related services.

## Important Disclosures Required by Non-U.S. Regulators

Please also refer to disclosures in the "Important Disclosures Required by US Regulators" and the Explanatory Notes.

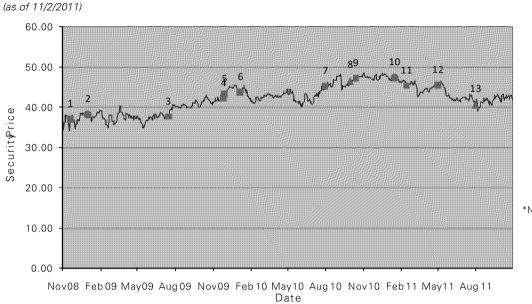
- 1. Within the past year, Deutsche Bank and/or its affiliate(s) has managed or co-managed a public or private offering for this company, for which it received fees.
- 6. Deutsche Bank and/or its affiliate(s) owns one percent or more of any class of common equity securities of this company calculated under computational methods required by US law.

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 <a href="http://gm.db.com/ger/disclosure/Disclosure.eqsr?ricCode=PCG.N">http://gm.db.com/ger/disclosure/Disclosure.eqsr?ricCode=PCG.N</a>.

## **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. Jonathan Arnold

Historical recommendations and target price: PG&E Corp (PCG.N)



Previous Recommendations

Strong Buy Buy Market Perform Underperform Not Rated Suspended Rating

Current Recommendations

Buy Hold Sell Not Rated Suspended Rating

\*New Recommendation Structure as of September 9, 2002

|    |             | 2000  |     |             |  |
|----|-------------|---|-----|-------------|--|
| 1. | 11/24/2008: | Buy, Target Price Change USD44.00               | 8.  | 10/5/2010:  | Upgrade to Buy, Target Price Change USD49.00 |
| 2. | 1/6/2009:   | Downgrade to Hold, Target Price Change USD39.00 | 9.  | 10/18/2010: | Buy, Target Price Change USD50.00            |
| 3. | 7/20/2009:  | No Recommendation, Target Price Change USD0.00  | 10. | 1/20/2011:  | Downgrade to Hold, USD50.00                  |
| 4. | 12/1/2009:  | Hold, Target Price Change USD44.00              | 11. | 2/18/2011:  | Hold, Target Price Change USD49.00           |
| 5. | 12/3/2009:  | Hold, Target Price Change USD45.00              | 12. | 5/5/2011:   | Hold, Target Price Change USD45.00           |
| 6. | 1/11/2010:  | Hold, Target Price Change USD47.00              | 13. | 8/5/2011:   | Upgrade to Buy, Target Price Change USD44.00 |
| 7. | 8/5/2010:   | Hold, Target Price Change USD48.00              |     |             |  |

#### Equity rating key

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

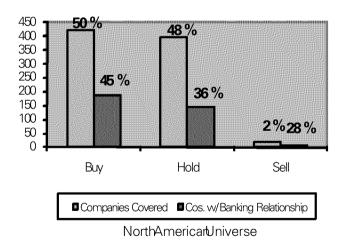
**Sell:** Based on a current 12-month view of total shareholder return, we recommend that investors sell the stock

**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.

## Notes:

 Newly issued research recommendations and target prices always supersede previously published research.
 Ratings definitions prior to 27 January, 2007 were:

Buy: Expected total return (including dividends) of 10% or more over a 12-month period Hold: Expected total return (including dividends) between -10% and 10% over a 12-month period Sell: Expected total return (including dividends) of -10% or worse over a 12-month period Equity rating dispersion and banking relationships



## **Regulatory Disclosures**

## **1. Important Additional Conflict Disclosures**

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.

## 2. Short-Term Trade Ideas

Deutsche Bank equity research analysts sometimes have shorter-term trade ideas (known as SOLAR ideas) that are consistent or inconsistent with Deutsche Bank's existing longer term ratings. These trade ideas can be found at the SOLAR link at <a href="http://gm.db.com">http://gm.db.com</a>.

## 3. Country-Specific Disclosures

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

Brazil: The views expressed above accurately reflect personal views of the authors about the subject company(ies) and its(their) securities, including in relation to Deutsche Bank. The compensation of the equity research analyst(s) is indirectly affected by revenues deriving from the business and financial transactions of Deutsche Bank.

EU countries: Disclosures relating to our obligations under MiFiD can be found at <u>http://www.globalmarkets.db.com/riskdisclosures</u>.

Japan: Disclosures under the Financial Instruments and Exchange Law: Company name - Deutsche Securities Inc. 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, 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. "Moody's", "Standard & Poor's", and "Fitch" mentioned in this report are not registered credit rating agencies in Japan unless "Japan" is specifically designated in the name of the entity.

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.

#### **Deutsche Bank Securities Inc.**

#### North American locations

**Deutsche Bank Securities Inc.** 60 Wall Street New York, NY 10005 Tel: (212) 250 2500

**Deutsche Bank Securities Inc.** One International Place 12th Floor Boston, MA 02110 United States of America Tel: (1) 617 217 6100

#### **Deutsche Bank Securities Inc.**

101 California Street 46th Floor San Francisco, CA 94111 Tel: (415) 617 2800

**Deutsche Bank Securities Inc.** 700 Louisiana Street Houston, TX 77002 Tel: (832) 239-4600

**Deutsche Bank Securities Inc.** 222 South Riverside Plaza 30th Floor

Chicago, IL 60606

Tel: (312) 537-3758

#### **Deutsche Bank Securities Inc.** 1735 Market Street 24th Floor

Philadelphia, PA 19103 Tel: (215) 854 1546

#### International locations

**Deutsche Bank Securities Inc.** 60 Wall Street New York, NY 10005 United States of America Tel: (1) 212 250 2500

#### Deutsche Bank AG

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

**Deutsche Bank AG London** 1 Great Winchester Street London EC2N 2EO United Kingdom Tel: (44) 20 7545 8000

**Deutsche Securities Inc.** 

2-11-1 Nagatacho

Sanno Park Tower Chiyoda-ku, Tokyo 100-6171

Tel: (81) 3 5156 6770

Japan

#### Deutsche Bank AG Große Gallusstraße 10-14 60272 Frankfurt am Main Germany Tel: (49) 69 910 00

### **Deutsche Bank AG**

Deutsche Bank Place Level 16 Corner of Hunter & Phillip Streets Sydney, NSW 2000 Australia Tel: (61) 2 8258 1234

## **Global Disclaimer**

The information and opinions in this report were prepared by Deutsche Bank AG or one of its affiliates (collectively "Deutsche Bank"). 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 the accuracy or completeness of such information

Deutsche Bank may engage in securities transactions, on a proprietary basis or otherwise, in a manineonsistent with the view taken in this research report. In addition, others within Deutsche Bank, including strategists and sales staff, may take a view that is inconsistent with that taken in this research report.

Opinions, estimates and projections in this report constitute the current judgement 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 optimiting contract to the projection in this projection in this report or to otherwise notify a recipient thereof in the event that any optimiting forecast or estimate set forth herein, changes or subsequently becomes inaccurate. Prices and availability of financial instruments are subject to change without notice. This report is provided for informational purposes only. 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 judgement.

As a result of Deutsche Bank's March 2010 acquisition of BHF-BankAG, a security may be covered by more than one analyst within the Deutsche Bank group. Each of these analysts may use differing methodologies to value the security; as a result, the recommendations may differ and the price targets and estimates of each may vary widely

In August 2009, Deutsche Bank instituted a new policy whereby analysts may choose not to set or maintain a target price of certain issuers under coverage with a Hold rating. In particular, this will typically occur for "Hold" rated stocks having a market cap smaller than most other companies in its sector or region. We believe that such policy will allow us to make best use of our resources. Please visit our website at http://gm.db.com to determine the target price of any stock.

The financial instruments discussed in this report may not be suitable for all investors and investors must make their own informed investment decisions. Stock 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. Deutsche Bank may with respect to securities covered by this report, sell to or buy from customers on a principal basis, and consider this report in deciding to trade on a proprietary basis.

Unless governing law provides otherwise seturities doverned by this report, sent our buy how report is approved and/or distributed in Singapore bank AG. Singapore Branch, and recipients in Singapore is person or institutional investor as defined in the applicable Singapore sent regulations). Deutsche Bank AG, Singapore Branch, access the sent responsibility to such person for the contents of this report. In Japan this report is approved and/or distributed by Deutsche Securities inc. The information contained in this report describes and a product. Possible is approved and/or distributed by Deutsche Bank AG. Singapore Banch AG, and the possibility to such person for the contents of this report is approved and/or distributed by Deutsche Bank A report is available upon request. This report may not be reproduced, distributed or published by any person for any purpose without Deutsche Bank's prior written consent. Please cite source when quoting

Copyright © 2011 Deutsche Bank AG