

## Directors' Report 2012

The Directors present their Report together with the annual Financial Report of AGL Energy Limited (AGL) and its consolidated entities, being AGL and its controlled entities, for the year ended 30 June 2012 and the Independent Audit Report thereon.

AGL is the head entity of the AGL Energy Limited Group. Its shares are listed on ASX Limited under the code of 'AGK'.

### Directors

The Directors of AGL at any time during or since the end of the financial year are:

#### Non-executive Directors

Jeremy Maycock  
 Les Hosking  
 Belinda Hutchinson  
 Sandra McPhee  
 Max Ould  
 Bruce Phillips  
 John Stanhope

#### Executive Director

Michael Fraser

### Directors' qualifications, experience, other directorships and special responsibilities

#### Jeremy Maycock BEng (Mech) (Hons), FAICD, FIPENZ, Age 60

**Term:** Non-executive Director since October 2006 and Chairman since 21 October 2010.

**Independent:** Yes.

**Committees:** Chair of the Nominations Committee.

**Directorships:** Chairman of Port of Brisbane Pty Ltd (commenced in November 2010) and a Director of Nuplex Limited (commenced in September 2011).

**Experience:** Previously Managing Director and Chief Executive Officer of CSR Limited (commenced in 2007 and retired in 2010), Managing Director and Chief Executive Officer of Hastie Group Limited (commenced in 2003 and retired in 2007), inaugural Chairman of Cement Australia Pty Limited, Chief Executive Officer of Swiss-based Holcim Ltd in New Zealand and Australia, and Holcim Senior Vice President for Southern ASEAN countries and Australasia. His commercial experience spans 39 years, with his early career being with Shell Oil in the UK and in New Zealand.

#### Michael Fraser BCom, CPA, FTIA – Managing Director, Age 55

**Term:** Managing Director and Chief Executive Officer since October 2007.

**Independent:** No.

**Committees:** Nil.

**Directorships:** Chairman of Clean Energy Council Limited (commenced in September 2011)

**Experience:** Previously Director of Queensland Gas Company Limited (commenced in 2007 and retired in 2008), Chairman of Elgas Limited and of ActewAGL, Director of the Australian Gas Association and the Energy Retailers Association of Australia, Chairman of the National Electricity Market Management Company (NEMMCo) Participant's Advisory Committee and a Director of UnitingCare Ageing Board (commenced in June 2004 and retired in November 2008). He has more than 25 years of energy industry experience, including having established AGL as one of the country's largest energy retailers and led the rapid expansion of AGL's upstream energy interests in renewables, thermal power generation and upstream gas exploration and development.

**Les Hosking, Age 67**

**Term:** Non-executive Director since November 2008.

**Independent:** Yes.

**Committees:** Member of the Audit and Risk Management Committee, the Safety, Sustainability and Corporate Responsibility Committee, and the Nominations Committee.

**Directorships:** Chairman of Adelaide Brighton Limited (commenced as a Director in 2003), Director of Innovation Australia (commenced in 2003), Director of Australian Energy Market Operator (AEMO) (commenced in 2009) and Chair of The Carbon Market Institute (commenced in 2010).

**Experience:** Previously Director of Australian Energy Market Operator (Transition) Limited (AEMO) (commenced in 2008 and retired in 2009), Managing Director and Chief Executive Officer of NEMMCo (commenced in 2003 and retired in 2008) and a non-executive Director of NEMMCo (commenced in 1996 and retired in 2003). He has over 30 years of experience in trading, broking and management in metals, soft commodities, energy and financial instrument derivatives in the global futures industry, and was Managing Director and Chief Executive Officer of the Sydney Futures Exchange (commenced in 1985 and retired in 2000).

**Belinda Hutchinson AM, BEc, FCA, FAICD, Age 59**

**Term:** Non-executive Director since December 2010.

**Independent:** Yes.

**Committees:** Member of the Audit and Risk Management Committee, People and Performance Committee, and the Nominations Committee.

**Directorships:** Chairman of QBE Insurance Limited (commenced in 2010), Director of St Vincent's Health Australia Limited (commenced in 2010), Director of the State Library of NSW Foundation (commenced in 1997), Deputy Chairman of Centre for Independent Studies (commenced in 2010) and a member of the Salvation Army Australian Eastern Territorial Advisory Board (commenced in 2006).

**Experience:** Executive career included roles as Executive Director at Macquarie Group Limited from 2002 to 2006, and Vice President of Citibank Limited from 1981 to 2002. Previous appointments include Director of St Vincent's & Mater Health Sydney (commenced in 2001 and retired in 2009), Director of Coles Group Limited (commenced in 2005 and retired in 2007), Telstra Corporation Limited (commenced in 2001 and retired in 2007), TAB Limited (commenced in 1997 and retired in 2004), Energy Australia (commenced in 1997 and retired in 2005), Crane Group (commenced in 1997 and retired in 2004), Snowy Hydro Trading Limited (commenced in 1997 and retired in 1999), member of the State Library of NSW Council (commenced in 1997 and retired in 2006).

**Sandra McPhee Dip Ed, FAICD, Age 66**

**Term:** Non-executive Director since October 2006.

**Independent:** Yes.

**Committees:** Chair of the Safety, Sustainability and Corporate Responsibility Committee, a member of the Audit and Risk Management Committee, and the Nominations Committee.

**Directorships:** Director of Westfield Retail Trust (commenced in 2010), Director of Fairfax Media (commenced in 2010), Director of Tourism Australia (commenced in 2009), Kathmandu Holdings Limited (commenced in 2009) and Vice President of The Art Gallery of New South Wales.

**Experience:** Extensive experience as a non-executive Director and Senior Executive in a number of consumer oriented industries including retail, aviation and tourism, most recently ten years with Qantas Airways Limited (retired in 2004). Previous non-executive appointments include Director of Australia Post (commenced in 2001 and retired in 2009), Coles Group Limited (commenced in 2003 and retired in 2007), Perpetual Limited (commenced in 2004 and retired in 2007), Primelife Corporation Limited (commenced in 2003 and retired in 2005), St Vincent's & Mater Health Sydney and CARE Australia.

**Max Ould BEd, Age 65**

**Term:** Non-executive Director since February 2006.

**Independent:** Yes.

**Committees:** Chair of the People and Performance Committee and member of the Nominations Committee.

**Directorships:** Chairman of Goodman Fielder Limited (commenced as a Director in 2005) and Chairman of Treasury Wine Estates Limited (commenced in 2011).

**Experience:** Previously Managing Director of National Foods Limited, Director of Foster's Group Limited (commenced in 2004 and resigned in May 2011), Director of Pacific Brands Limited (commenced in 2004 and retired in October 2009) and The Australian Gas Light Company (commenced in 2004 and retired in October 2006).

**Bruce Phillips BSc (Hons) PESA, ASEG, Age 57**

**Term:** Non-executive Director since August 2007.

**Independent:** Yes.

**Committees:** Member of the Audit and Risk Management Committee, the Safety, Sustainability and Corporate Responsibility Committee, and the Nominations Committee.

**Directorships:** Chairman of Platinum Capital Limited (commenced as a Director in 2009), and Chairman of AWE Limited (commenced as a Director in 2009).

**Experience:** An energy industry expert with more than 30 years of technical, financial and managerial experience in the energy sector. He founded and was Managing Director of Australian Worldwide Exploration Limited (now AWE Limited). He also held prior positions of Director of Sunshine Gas Limited (commenced in 2007 and resigned in 2008), Business Development Manager of Command Petroleum, Consulting Energy Advisor to Prudential-Bache Securities, General Manager of Petroleum Securities Australia Limited and was an expert technical advisor to News Corporation Limited.

**John Stanhope BCom (Economics and Accounting), FCPA, FCA, FAICD, FAIM, FAHRI, Age 61**

**Term:** Non-executive Director since March 2009.

**Independent:** Yes

**Committees:** Chair of the Audit and Risk Management Committee, a member of the People and Performance Committee, and the Nominations Committee.

**Directorships:** Director of The Bionics Institute of Australia (commenced in June 2012) and of Melbourne Jazz Limited (commenced in October 2009) and a member of the Council of Deakin University.

**Experience:** Previously, a member of the Financial Reporting Council (ceased on 30 June 2012), a Director of Telstra Corporation Limited (commenced in 2009 and retired in 2011) and Chief Financial Officer and Group Managing Director, Finance & Administration of Telstra (commenced in October 2003 and retired in 2011). In this latter role he was responsible for finance, treasury, risk management and assurance, investor relations, credit management, taxation, corporate security and investigations, procurement and billing. Prior to this he served as Director, Finance. In this role, which he assumed in 1995, he contributed to T1 and T2, cost reduction programs, growth strategies, debt raising, capital management and organisation restructures.

## Directors' Interests

The relevant interest of each Director in the share capital of the companies within the consolidated entity, as notified by the Directors to the ASX in accordance with Section 205G of the Corporations Act, at the date of this Report is as follows:

AGL Energy Limited Ordinary Shares	
Jeremy Maycock	65,290
Michael Fraser	671,267
Les Hosking	2,334
Belinda Hutchinson	7,630
Sandra McPhee	17,121
Max Ould	34,619
Bruce Phillips	33,834
John Stanhope	3,442

Jeremy Maycock holds 1,500 Subordinated Notes issued by AGL Energy Limited.

No options have been granted over any securities or interests of AGL or the consolidated entity.

## Company Secretaries

Paul McWilliams was appointed Company Secretary of AGL Energy Limited on 25 August 2006. Paul's educational qualifications include Bachelor of Arts (Accounting) from the University of South Australia, Master of Applied Finance from Macquarie University and a Graduate Diploma in Applied Corporate Governance. He is a member of the Institute of Chartered Accountants of Australia, Chartered Secretaries Australia and the Institute of Chartered Secretaries and Administrators. Paul has had more than 35 years of experience across a variety of roles in the Australian Taxation Office, chartered accounting and listed public companies.

John Fitzgerald was appointed an additional Company Secretary on 25 August 2010. John's qualifications are a Bachelor of Arts and a Bachelor of Laws from the University of NSW and a Masters in Arts from the National University of Ireland (University College Dublin). John is admitted as a Solicitor of the Supreme Court of NSW and is AGL's Head of Legal. John has been practising in projects, mining and energy law for approximately 16 years.

## Directors' Meetings

The number of Directors' Meetings (including meetings of Committees of Directors) and number of meetings attended by each of the Directors of AGL during the financial year were:

Directors' Name	Regular Board Meetings		Special Board Meetings		Audit & Risk Management Meetings		People and Performance Committee		Safety, Sustainability and Corporate Responsibility Committee		Nominations Committee	
	A	B	A	B	A	B	A	B	A	B	A	B
Jeremy Maycock	12	12	4	4							9	9
Michael Fraser	12	12	4	4								
Les Hosking	12	12	4	4	5	5			4	4	8	9
Belinda Hutchinson	11	12	4	4	5	5	4	4			7	9
Sandra McPhee	12	12	4	4	2	2	4	4	4	4	9	9
Max Ould	12	12	4	4			4	4			7	9
Bruce Phillips	12	12	4	4	5	5			4	4	9	9
John Stanhope	12	12	4	4	5	5	1	1			9	9

A – number of meetings attended as a member

B – number of meetings held during the time the Director held office during the year

During the year, in aggregate, there were 13 occasions when the non-Executive Directors also attended some of the meetings of committees, of which they were not members.

In addition to the above selected meetings, Directors throughout the year, participated in informal meetings and telephone conferences. AGL makes extensive use of email between meetings to keep Directors informed of current developments; to provide relevant background and industry information; to dispose of routine matters and allow formal Board meetings to concentrate on more important matters. An extended strategy session is held at least once a year. Periodically, Directors meet informally outside AGL to discuss matters of interest and travel to visit assets, operations or locations of particular relevance to AGL.

## Review and Results of Operations

The consolidated profit after income tax attributable to Shareholders was \$114.9 million (2010/2011 \$558.7 million). The Underlying Profit was \$482.0 million (2010/2011 \$431.1 million).

### Reconciliation of Underlying Profit

	Year Ended 30 June 2012 \$m	Year Ended 30 June 2011 \$m
<b>Profit after tax attributable to Shareholders</b>	<b>114.9</b>	558.7
Adjust for the following after tax items		
Significant items	<b>155.1</b>	27.3
Changes in fair value of financial instruments	<b>212.0</b>	(154.9)
<b>Underlying Profit after tax</b>	<b>482.0</b>	431.1

Underlying Profit and Operating EBIT are the Statutory Profit and Statutory EBIT respectively adjusted for significant items and changes in the fair value of financial instruments. AGL believes that Underlying Profit and Operating EBIT provide a better understanding of its financial performance and allows for a more relevant comparison of financial performance between financial periods.

AGL believes Underlying Profit and Operating EBIT are useful as they:

- remove significant items that are material items of revenue or expense that are unrelated to the underlying performance of the business thereby facilitating a more representative comparison of financial performance between financial periods and;
- remove changes in the fair value of financial instruments recognised in the income statement to remove the volatility caused by mismatches in valuing derivatives and the underlying asset differently.

Underlying Profit is presented with reference to the Australian Securities and Investment Commission Regulatory Guide 230 "Disclosing non-IFRS financial information" issued in December 2011. AGL's policy for reporting Underlying Profit is consistent with this guidance and the Directors have had the consistency of the application of the policy reviewed by the external auditor of AGL.

The following table reconciles Statutory EBIT to Operating EBIT

	<b>Year ended 30 June 2012</b>	Year ended 30 June 2011
	<b>\$m</b>	\$m
<b>Statutory EBIT</b>	<b>201.4</b>	819.1
Significant items	<b>211.7</b>	44.3
Change in fair value of financial instruments	<b>304.6</b>	(218.8)
Finance income included in Operating EBIT	<b>12.7</b>	11.9
<b>Operating EBIT</b>	<b>730.4</b>	656.5

Operating EBIT for the year ended 30 June 2012 was \$730.4 million compared with \$656.5 million for the prior corresponding period. The Statutory and Operating EBIT by segment is presented in the following table:

	<b>EBIT (Statutory)</b>		<b>EBIT (Operating)</b>	
	<b>Year ended 30 June 2012</b>	Year ended 30 June 2011	<b>Year ended 30 June 2012</b>	Year ended 30 June 2011
	<b>\$m</b>	\$m	<b>\$m</b>	\$m
Retail Energy	<b>332.8</b>	301.0	<b>332.8</b>	305.1
Merchant Energy	<b>224.2</b>	658.9	<b>549.7</b>	453.2
Upstream Gas	<b>(35.2)</b>	14.3	<b>0.6</b>	14.3
Energy Investments	<b>(140.2)</b>	35.6	<b>24.5</b>	40.5
Centrally managed expenses	<b>(180.2)</b>	(190.7)	<b>(177.2)</b>	(156.6)
<b>EBIT</b>	<b>201.4</b>	819.1	<b>730.4</b>	656.5
Depreciation and amortisation	<b>173.9</b>	148.0	<b>173.9</b>	148.0
<b>EBITDA</b>	<b>375.3</b>	967.1	<b>904.3</b>	804.5
Average funds employed	<b>7,917.2</b>	7,403.0	<b>7,917.2</b>	7,403.0
EBIT / Average funds employed	<b>2.5%</b>	11.1%	<b>9.2%</b>	8.9%

Operating EBIT/Average funds employed increased 0.3 percentage points (ppts) due to a \$73.9 million, or 11.3%, increase in Operating EBIT. Partially offsetting the positive impact

of an increase in Operating EBIT was an increase in average funds employed of \$514.2 million or 6.9%.

Average funds employed increased due largely to investments in assets whereby the contribution to EBIT will not commence until the assets reach practical completion or gas production.

#### **Retail Energy:**

Operating EBIT of \$332.8 million was up 9.1% on the prior corresponding period, due mainly to an increase of \$58.6 million (9.8%) in gross margin and increased customer numbers. Total customer accounts increased by 5.5% to 3.47 million. AGL increased customer numbers in all states with dual fuel customer accounts growing by 10.2% during the year to 1.62 million.

#### **Merchant Energy:**

Operating EBIT of \$549.7 million was up 21.3% on the prior corresponding period. Wholesale Electricity gross margin increased 25.4% to \$381.5 million. The non-recurrence of the severe summer weather events experienced in February 2011 was a key factor behind the \$77.2 million increase. Wholesale Gas gross margin increased 10.1% to \$114.8 million. Eco-Markets gross margin increased 49.6% to \$66.4 million due to effective portfolio management and increased renewable generation. Fees from the development of wind farms fell from \$61.0 million in the prior corresponding period to \$43.0 million this year.

#### **Upstream Gas:**

Operating EBIT decreased to \$0.6 million compared with \$14.3 million for the prior corresponding period. The major factor behind the decline was a significantly lower level of gas storage service fees which in the prior corresponding period amounted to \$16.7 million.

#### **Energy Investments:**

Operating EBIT decreased to \$24.5 million compared with \$40.5 million in the prior corresponding period. Depressed electricity pool prices and the effect of financing costs led to a decrease in earnings from AGL's investment in Loy Yang A.

#### **Centrally Managed Expenses:**

Centrally managed expenses increased by \$20.6 million to \$177.2 million. Labour cost increased by \$7.0 million (13.8%) in part due to provisions associated with long service leave and employee incentives. Other centrally managed expenses increased by \$5.3 million (27.5%) including increases in land tax and centralisation of recruitment processes.

#### **Changes in State of Affairs**

The acquisition of Great Energy Alliance Corporation Pty Limited (GEAC) was completed on 29 June 2012 which included the 2,210 MW Loy Yang A power station and associated coal mine. This increased significantly the base load electricity capacity of AGL by substantially increasing the owned physical generation output of the business.

In the opinion of the Directors there were no other significant changes in the state of affairs of the AGL consolidated entity that occurred during the financial year other than those included in this Annual Report.

## Principal Activities

- Buying and selling of gas and electricity;
- Construction and/or operation of power generation and energy processing infrastructure;
- Development of natural gas production and storage facilities; and
- Exploration, extraction, production and sale of coal seam gas (CSG).

## Dividends

The following dividends have been paid or declared by the Directors since 30 June 2011:

Final dividend of 31.0 cents per share (100% franked) referred to in the previous Directors' Report and paid on 29 September 2011	\$143.2 million
Interim dividend of 29.0 cents per share (100% franked) out of profits for the six months ended 31 December 2011 paid on 5 April 2012	\$135.0 million
Final dividend of 32.0 cents per share (100% franked) payable on 27 September 2012	\$174.7 million

## Events Subsequent to Balance Date

Apart from matters discussed elsewhere in this Annual Report, the Directors are not aware of any other matter or circumstance which has arisen since 30 June 2012 that has significantly affected or may significantly affect the operations of the consolidated entity, the results of those operations, or the state of affairs of the consolidated entity in the future.

## Likely Developments, Strategies and Prospects

Further information about likely developments in the operations of AGL and its consolidated entity and the expected results of those operations in the future has been included in this Annual Report except to the extent disclosure of the information would be likely to result in unreasonable prejudice to the consolidated entity.



## Environmental Regulation

AGL businesses are subject to a range of environmental laws and regulations as well as project and site-specific environmental permits and approvals issued at both Federal and State Government levels.

**Table 1** sets out notifiable environmental incidents and non-compliances that relate to these requirements, which occurred during the reporting period. There were no fines or infringement notices applied to AGL's operations during the reporting period.

Further information in respect of the Group's environmental performance is published in the AGL Sustainability Performance Report available on the AGL website.

**Table 1 – Summary of AGL's Environmental Incidents and Non-Compliances**

Site	Key Environment and Planning legislation	Comments
Torrens Island Power Station, SA	Environment Protection Act 1993; and Environment Protection (Site Contamination) Regulations 2008	Voluntary sampling of soil and ground water at Torrens Island Power Station in 2010 and 2011 detected notifiable levels of petroleum hydrocarbons and trichlorethene at a number of separate locations. The South Australian Environment Protection Authority (EPA) was notified under Section 83A of the Environment Protection Act. In line with EPA requirements, groundwater monitoring and investigations are continuing to determine the extent and nature of the impact, and the development of a management plan.
Torrens Island Power Station, SA	Environment Protection Act 1993	On 26 July 2011, approximately 2 litres of oil was spilt into the Port River from a cooling water screen gearbox. The oil was promptly contained and cleaned up, and the EPA and Port Authority were notified in accordance with the site licence.
Hallett 2 (Hallett Hill) Wind Farm, SA	Environment Protection Act 1993; and South Australian EPA Wind Farms Environmental Noise Guidelines 2009	A permanent acoustic treatment to the turbines at the Hallett Hill wind farm was implemented in late 2011 to address an audible tone that AGL detected at a nearby residence during certain wind conditions. Prior to implementation of this treatment the wind farm was operated with 16 turbines shut down at night. Comprehensive noise testing was undertaken in early 2012 to confirm that the tone was no longer audible at the residence. We have kept the resident and the EPA informed of the steps that we have taken in relation to this issue.
Hallett 4 (North Brown Hill) Wind Farm, SA	Environment Protection Act 1993; and South Australian EPA Wind Farms Environmental Noise Guidelines 2009	Post-construction noise testing was undertaken in late 2011 during which an occasional audible tone was detected at a neighbouring residence during certain wind conditions. This occasional audible tone resulted in a non-compliance with the noise criteria during the particular wind conditions. A permanent acoustic treatment is being implemented at the wind farm. We have communicated developments to the resident and the EPA.
Yarrowonga Power Station, Vic	Protection of the Environment Operations Act 1999	On 30 April 2012, an oil leak from Yarrowonga Power Station, which is situated on the Victorian-NSW border, resulted in a small volume of oil entering the tail bay waterway immediately downstream of the station. The oil did not enter the flowing Murray River. The spill was contained and cleaned up. The release was reported to the NSW EPA, NSW Fire Service and other agencies in accordance with the NSW EPA Incident Notification Protocol.

Werribee Biogas Facility, Vic	Environment Protection Act 1970	On 13 June 2012, a non-compliance with EPA licence air emission limits was identified on one of the nine generators located at the Werribee biogas facility following routine stack testing. Upon identification of the non-compliance, EPA was notified, and investigations are underway to determine the root cause and implement necessary corrective actions.
Camden Gas Project, NSW	Protection of the Environment Operations Act 1997; Petroleum (Onshore) Act 1991; and Environmental Planning and Assessment Act 1979  Environmental Planning and Assessment Act 1979 (NSW)	An independent environmental compliance audit of the Camden Gas Project was completed in September 2011, in accordance with the NSW Government's requirements under the various approvals and licences for the Camden Gas Project. The audit found that overall compliance was of a high standard, although some minor non-compliances were identified. The audit report was submitted to the Department of Planning and Infrastructure, and together with AGL's corrective action plan can be viewed at <a href="http://www.agl.com.au/camden">www.agl.com.au/camden</a> .  AGL incorrectly reported that it had complied with a requirement of the Environmental Protection Licence for the Rosalind Park Gas Plant. AGL confirmed that it had complied with an obligation to continuously monitor the discharge of pollutants. Due to technical problems with the monitoring equipment, AGL performed testing of emissions of pollutants on a quarterly basis and they were within approved limits. AGL has notified the EPA of the breaches.
Silver Springs Oil and Gas Project, Qld	Petroleum Act 1923; Environmental Protection Act 1994; and Queensland Petroleum and Gas (Production and Safety) Act 2004	On 13 September 2011, approximately 1000 litres of hydrocarbon was released from failed equipment on a well pump. Most of the spill was collected within the well cellar and a small amount overflowed onto ground. Clean up and isolation of the spill occurred as soon as it was identified. The incident was reported to the (then) Department of Environment and Resource Management as required by the relevant Environmental Authority.
Arrow Energy Moranbah Gas Project Joint Venture, Qld (Operated by Arrow )	Petroleum Act 1923; Environmental Protection Act 1994; and Queensland Petroleum and Gas (Production and Safety) Act 2004	On 17 August 2011, saline water was observed leaking from a pipe. Following identification of the leak, the pipeline was immediately shut in and isolated. The release was less than 10,000 litres and was reported to the (then) Department of Environment and Resource Management.

#### Proceedings on Behalf of the Company

No person has applied under Section 237 of the Corporations Act for leave of the Court to bring proceedings on behalf of AGL or intervene in any proceedings to which AGL is a party for the purpose of taking responsibility on behalf of AGL for all or any part of those proceedings. AGL was not a party to any such proceedings during the year.

## Non-Audit Services

Non-audit services have been provided during the year by the external auditor, Deloitte Touche Tohmatsu. Disclosure of the details of these services can be found in the AGL Financial Report Note 41.

The Board has a formal policy on the provision of auditing and related services. Specifically, the external auditor is precluded from providing any services that might threaten its independence or conflict with its assurance and compliance role. Semiannual reports on the provision of auditing and related services are provided to the Board through the Audit and Risk Management Committee. Directors are satisfied that the provision of \$664,000 of non-audit services by the external auditor is compatible with the general standard of independence for auditors.

The policy and procedures in place, and the review by the Audit and Risk Management Committee, enable Directors to conclude that non-audit services provided did not compromise the external auditor's independence requirements of the Corporations Act. There is also in place an agreed rotation policy for the senior auditor of Deloitte Touche Tohmatsu. The external auditor annually provides a letter to the Company Secretary on its independence within the meaning of relevant legislation and professional standards. No officers of AGL were partners or directors of Deloitte Touche Tohmatsu during this reporting period.

## Indemnification and Insurance of Officers and Auditors

AGL's constitution indemnifies, to the extent permitted by law, officers of the consolidated entity when acting in their capacity in respect of:

- liability to third parties (other than related entities) when acting in good faith; and
- costs and expenses of successfully defending legal proceedings and ancillary matters.

The Directors named earlier in this Report and the Company Secretaries, Paul McWilliams and John Fitzgerald, have the benefit of the indemnity, together with any other person concerned in or who takes part in the management of the consolidated entity.

During the year AGL paid premiums in respect of contracts insuring all Directors of AGL as listed earlier, all Directors of related bodies corporate of AGL, secretaries and other officers of the consolidated entity against liabilities incurred in their capacity as Director or Officer, as the case may be, of the consolidated entity.

The contract prohibits disclosure of the nature of the liabilities and the amount of premium paid and the Corporations Act does not require disclosure of the information.

## Auditor's Independence Declaration

A copy of the external auditor's declaration under Section 307C of the Corporations Act in relation to the audit for the financial year is attached to this Annual Report.

## Rounding

AGL is an entity to which ASIC Class Order 98/100 applies and in accordance with that Class Order, amounts in the Financial Report and the Directors' Report have been rounded off to the nearest tenth of a million dollars, unless otherwise stated.

## Remuneration Report

As Australia's leading integrated renewable energy company, AGL seeks to maintain and grow its business by attracting and retaining the best possible people to align with driving increased shareholder value. It is important to be able to promote and recognise the excellence we demand by rewarding all of our Executives appropriately.

The Directors present the Remuneration Report for AGL Energy Limited and its consolidated entities for the year ended 30 June 2012 in line with Section 300A of the Corporations Act.

This report covers the remuneration and benefits of AGL's key management personnel (KMP).

### Key points for the year ended 30 June 2012

We have structured the report into 8 sections:

1. Our remuneration policy
2. Our remuneration framework
3. Linking remuneration to performance
4. Remuneration mix
5. Key Management Personnel
6. Remuneration disclosures: KMP
7. Terms of Executive contracts
8. Non-executive Directors

<b>Total Fixed Remuneration (TFR)</b>	
CEO's TFR increased by 4%	<ul style="list-style-type: none"> <li>The increase was informed by an independent review of external remuneration market data.</li> </ul>
<b>Short-term incentive (STI)</b>	
STI payout for CEO was 95% of maximum (last year 48.75%)	<ul style="list-style-type: none"> <li>The STI payment represents very good progress in achieving a number of AGL's strategic targets, including the acquisition of Loy Yang, achievement of an Underlying Profit outcome for 2011/12 within our market guidance and improved market share and customer service metrics. On the other hand there was some deterioration in the lagging safety indicators.</li> </ul>
STI upon termination	<ul style="list-style-type: none"> <li>Mr Fraser has advised AGL that he will not assert his entitlement to any STI payment in certain circumstances. Please refer to Termination Conditions on page 26.</li> </ul>
<b>Long-term incentive (LTI)</b>	
Positive amount charged to LTI notional bank accounts in 2012 (last year there was a negative amount charged to notional bank accounts). (40% of 'banked SPR's vested to Executives and were converted into AGL shares)	<ul style="list-style-type: none"> <li>AGL's performance against the relevant performance hurdles was positive and resulted in the following outcomes for the year:               <ul style="list-style-type: none"> <li>➢ Share Performance Rights (SPRs) being deposited into the Total Shareholder Return notional bank account; and</li> <li>➢ The EBIT/Funds Employed notional bank account returning to a positive balance and SPRs being deposited into the EBIT/Funds Employed notional bank account.</li> </ul> </li> </ul>
LTI upon termination	<ul style="list-style-type: none"> <li>Mr Fraser has advised AGL that he will not assert his entitlement for any unvested SPRs to vest in certain circumstances. Please refer to Termination Conditions on page 26.</li> </ul>
<b>Total Remuneration Package</b>	
CEO's total remuneration up by 83% (last year down by 40%)	<ul style="list-style-type: none"> <li>The CEO's total remuneration for the year increased from \$3.4m to \$6.3m which primarily reflects increases in both short and long-term incentives as a consequence of the improved financial results for the year. This included an improved EBIT/Funds Employed outcome and Total Shareholder Return performance for the 12 months to 30 June 2012 with AGL being in the top 14% of ASX 100 companies.</li> </ul>
<b>Non-executive Directors</b>	
Non-executive Directors remuneration	<ul style="list-style-type: none"> <li>Total fees paid to non-executive Directors in the year were \$1.7m, \$0.34m below the approved maximum aggregate to non-executive Directors' remuneration. The total fees paid represent a 12.0% increase over the previous year.</li> </ul>

**Abbreviations used in this report**

Board:	AGL Board
Committee:	People and Performance Committee of the Board
EBIT:	Earnings before interest and tax
KMP:	Key management personnel (those Executives who have authority and responsibility for planning, directing and controlling the activities of AGL, either directly or indirectly)
Executive:	Executives other than the CEO who are KMP
LTI:	Long-term incentive
PDR:	Performance and development review
SGC:	Superannuation guarantee charge
SPR:	Share performance right
STI:	Short-term incentive
TFR:	Total fixed remuneration
TSR:	Total shareholder return
VWAP:	Volume weighted average price

**1. Our remuneration policy**

***The key principle underpinning our remuneration policy is to promote and recognise excellence in a way that is fair to all stakeholders.***

Our remuneration policy is designed to promote excellent performance while meeting these goals:

- align the interests of shareholders, employees, customers and the community with AGL's objectives and values
- attract and retain key talent
- keep employees committed and motivated by providing fair remuneration and other benefits to all employees
- meet long-term people needs through effective talent management and succession planning
- meet AGL's commitment to a diverse and inclusive workplace
- promote AGL as an employer of choice
- comply with relevant legislation and corporate governance principles.

The remuneration policy is reviewed and ratified annually by the Board's People and Performance Committee.

**External Advisors**

The People and Performance Committee (Committee) retained PricewaterhouseCoopers

(PwC) as their independent remuneration advisor throughout the year. PwC's role in this regard was to provide independent remuneration advice to the Committee and Board, as and when required.

**Share Plan participation**

***AGL actively promotes employee participation in Share Plans.***

AGL offers its employees participation in the following Share Plans:

- **AGL Long-Term Incentive Plan (LTIP):** Executives are granted Share Performance Rights (SPRs) that vest when specified applicable performance conditions are met.
- **AGL Share Reward Plan:** eligible employees are granted up to \$1,000 worth of AGL shares each year subject to AGL meeting specific performance hurdles. Shares awarded under the Plan must be held for at least three years or until the employee ceases employment. (Note, participants in the Share Reward Plan are not eligible to participate in the LTIP described above).
- **AGL Share Purchase Plan:** the Plan Trustee acquires AGL shares on-market at market price during permitted trading periods generally for Directors and employees who have salary-sacrificed a portion of their pre-tax salary.

The number of employees participating in the Share Reward Plan and Share Purchase Plan is 1,400 (out of 1,935) and the number of AGL shares held is 522,033.

**2. Our remuneration framework**

***The remuneration of our Executives is composed of three elements: Total Fixed Remuneration, which is fixed; and Short-Term and Long-Term Incentives, both of which are variable (at risk).***

The CEO and Executives are remunerated by a combination of fixed remuneration and short and long-term incentives. Executive remuneration therefore has three elements:

- total fixed remuneration (TFR)
- short-term incentive (STI) payments
- long-term incentive (LTI) payments.

The mix varies for individual roles and is determined by comparison with market remuneration practice, taking into account the complexity of the business and the industry.

A rigorous approach to establishing remuneration levels for each Executive is informed, in part, by relevant market remuneration data information sourced from Hay

Group, an independent external organisation. Hay Group provided three remuneration market survey samples for Executives, as well as three remuneration market survey samples for the CEO which were considered when reviewing the remuneration of the Executives and CEO. These market survey samples were:

- A large survey sample containing executive positions in ASX Industrial & Service organisations was utilised for executives. For the CEO, only CEO positions in ASX Industrial & Service organisations were reviewed. This remuneration benchmark is useful because it is large, and hence, less volatile year-on-year. As such it is more likely to track indicative market trends over time in a more stable way.
- A smaller survey sample drawn from the same Industrial & Service organisations, but only containing positions that represent a close functional match to each executive position was utilised for executive positions. This sample has the advantage of higher perceived relevance when used in conjunction with the larger sample because it assists in identifying market differentials for various positions. However, due to the smaller sample size it is potentially more volatile from year to year.
- For both the CEO and executive positions, a specialist survey sourced from disclosed market remuneration data for the previous 12 months for ASX-listed entities ranked 10 to 50 by market capitalisation. These entities are chosen by size as they are 20 either side of AGL's market capitalisation. This sample, when used in conjunction with the other two surveys, assists in identifying remuneration differentials due to the market capitalisation of the organisation.
- For the CEO's position, a further specialist survey was sourced from disclosed market remuneration data for the previous 12 months for ASX-listed entities with a market capitalisation of between \$5 billion and \$10 billion. These entities are chosen because they are each side of AGL's market capitalisation of \$8 billion. This sample, when used in conjunction with the other two CEO surveys, assists in identifying remuneration differentials due to the market capitalisation of the organisation.

### Total Fixed Remuneration (TFR)

***TFR is specified in the Executive's Service Agreement and is in line with market rates. TFR is reviewed regularly.***

TFR is the non-variable component of an Executive's annual remuneration. It consists of the base salary plus any superannuation contributions paid to a complying super fund on the Executive's behalf, and the cost (including any component for fringe benefits tax) for other items such as novated vehicle lease payments. The amount of TFR is established based on relevant market analysis, and having regard to the scope and nature of the role and the individual Executive's performance, expertise, skills and experience.

### 3. Linking remuneration to performance

***Remuneration is linked to performance to attract and retain high calibre executives by motivating them to achieve performance goals which are aligned to AGL's interests.***

The two remaining elements of executive remuneration, STI and LTI, are directly linked to the performance of both the Executive and the company.

#### Short-Term Incentive (STI)

***STI varies from year to year, based on performance.***

STI payments are based on the achievement of individual performance targets set at the start of the financial year. STI payments are designed to motivate Executives to achieve AGL's overall performance objectives.

STI payments align individual performance with business outcomes in the areas of financial performance, customers, people management and strategic growth and innovation.

Executives are eligible to be considered for an STI payment when they have performed satisfactorily in their role, met performance objectives and demonstrated AGL's values, throughout the year. This is assessed annually using the Performance and Development Review (PDR) process (which is used for all employees throughout AGL).

The PDR is used to measure the actual level of achievement of each objective in the financial year. No STI is payable for any objective where a minimum level of performance has not been reached. This performance management process links the amount of STI paid with AGL's overall performance as well as an individual's performance during the year, and gives superior rewards for outstanding performance.

The maximum STI potential entitlement varies between 50% and 100% of TFR for Executives including the CEO.

In the year ended 30 June 2012, 165 employees participated in the STI plan.

#### How STI works

- Varies annually based on individual performance against specified targets.
- Can be paid in cash or as a contribution to a complying superannuation fund.

STI is payable:

- To Executives employed at the end of the financial year.
- At the discretion of the Board in other exceptional circumstances.

#### How STI was linked to performance this year

The actual level of STI paid to each Executive is determined at the end of the financial year based on the Executive's achievement of

specified performance objectives in the following categories:

- Financial
- Customer
- People management
- Strategic growth and innovation.

The performance objectives are established at the beginning of the financial year. The weighting given to each category varies for each Executive depending on their role. Typically, the weightings for KMP might be:

- Financial 40%.
- Customers and Strategic 40%
- People management 20%

Results against objectives common to all Executives are detailed in the table below. Performance against other objectives specific to each Executive's key area of responsibility is also included.

#### AGL Executives' performance objectives for 2011/12

Common objectives	What	Result
<b>Financial results</b>	All Executives had an objective related to AGL's Underlying Profit for 2011/12 as well as individual Business Unit operating expenses.	Underlying Profit was an 11.8% improvement over 2010/11 and was within our market guidance.
<b>Safety performance</b>	Completing specific plans to continue improving AGL's safety leadership and culture (including targets with respect to injury rates).	99% of all specific safety action plans for 2011/12 were completed.  However in terms of lagging indicators the Lost Time Injury Frequency Rate for 2011/12 was 4.2 compared to 2.1 for 2010/11 and the Total Injury Frequency Rate (TIFR) for 2011/12 was 6.6 compared to 5.0 for 2010/11.  These results were not in line with our safety targets of 100% completion of our safety action plans and TIFR target of 4.0. STI payments were adjusted downwards accordingly.
<b>Customer satisfaction</b>	All Executives had an objective to improve AGL's overall customer satisfaction, as measured against our competitors.	AGL outperformed key competitors across a range of customer service and satisfaction measures including Customer Services Benchmarking Australia.
<b>Employee engagement</b>	Specific initiatives are developed each year to build employee	Numerous initiatives to promote engagement were successfully

Common objectives	What	Result
	engagement and AGL invites all employees to take part in an engagement survey. All Executives had targets with respect to employee engagement.	implemented across the business.  The overall 2012 survey result for employee engagement at AGL was 64% compared to a result of 54% for 2010/11. The 10 percentage point increase in 12 months is seen as a significant increase based on external benchmarks.

Specific individual objectives for Executives	What	Result
<b>Executive's area of responsibility</b>	Each Executive also has performance objectives related to their specific area of responsibility for AGL's business in the categories of: <ul style="list-style-type: none"> <li>• Financial</li> <li>• Customer</li> <li>• People management</li> <li>• Strategic growth and innovation</li> </ul>	Individual Executives generally achieved their specific individual key objectives for 2011/12.

The details of actual STI received for the year ended 30 June 2012 for KMP, is set out in the remuneration table in section 6 on page 22.

### Long-Term Incentive (LTI)

***A LTI is designed to drive performance over longer time frames to create sustainable shareholder value.***

AGL has both an 'Old' or legacy LTI Plan and, since 2009, a 'New' LTI Plan.

Both LTIs consist of Share Performance Rights (SPRs), which vest (ie convert into AGL shares owned by the relevant executive) over time if specific applicable performance hurdles are met. (2012 is the last calendar year in which SPRs from the Old Plan may vest).

A SPR:

- is an entitlement to one fully-paid ordinary share in AGL;
- does not carry dividend or voting rights;
- is adjusted for the effect of any bonus issues, rights issues, and reconstructions and reorganisations of the capital of AGL.

Participants are restricted from entering into any derivative or other financial product in relation to the SPRs to protect against an economic exposure to price movements in AGL shares.

LTI allocations are determined based on market practice, so that AGL remains competitive in remuneration against its comparator group.

The maximum LTI notional allocation of SPRs varies between approximately 30% and 100% of TFR for Executives including the CEO.

In the year ended 30 June 2012, 22 employees participated in the LTI plan.

### *How the New LTI plan works*

- Participants are notionally granted SPRs, at the start of the financial year, that are banked at the end of the financial year if applicable performance hurdles are met.
- SPRs are banked in notional share bank accounts kept for each participant – a separate notional share bank account is kept for each performance hurdle.
- If applicable performance hurdles are not met then a "clawback" of previously banked SPRs occurs via a deduction of SPRs from the participant's relevant bank account.
- After each year's banking (which may be positive or negative) 40% of any positive balance of SPRs in a participant's relevant bank account vest and are converted to fully paid AGL shares at no cost to the participant. Any remaining positive balance of SPRs in the participant's bank accounts is



carried forward to the following year and may vest or be clawed back in future years.

- If the balance of a participant's bank account is negative, this negative balance rolls forward to the following year.
- If a participant ceases employment before the expiry of the vesting period as a result of total and permanent disablement, redundancy, retirement, death or any other exceptional circumstances determined by the Board from time to time, any positive balance of SPRs in a participant's bank account will vest or any negative balance is eliminated.
- If a participant ceases employment before the expiry of the vesting period in other circumstances any positive balance is forfeited or any negative balance is eliminated.
- The Board has no discretion to waive performance hurdles for the vesting of SPRs in the new LTIP.

#### *How LTI performance hurdles are set and performance is measured*

The hurdles used to determine whether SPRs are banked are selected on the basis that rewards correspond with returns that shareholders receive.

LTI is measured according to two hurdles: annual Total Shareholder Return (TSR) and annual growth in EBIT/Funds Employed (ie EBIT divided by Funds Employed) calculated as set out below.

- TSR takes into account dividends, changes in share price and capital returns.
- EBIT/Funds Employed measures the return AGL is getting from its funds invested. EBIT is calculated before the impact of significant items and any contribution from Upstream Gas. Funds Employed are defined as Average Total Funds Employed, calculated on a monthly basis, adjusted to remove the impact of:
  - a) Derivatives balances (these balances are fair value adjustments and do not represent Funds Employed in the production of EBIT).
  - b) Tax balances (Funds Employed are pre-tax balances to make the calculation consistent with EBIT).
  - c) Funds Employed associated with Upstream Gas assets (currently these assets are intended for long term value creation through proving up gas

reserves). This adjustment will continue to be made until such time as the investments have matured to the point where EBIT is the most appropriate performance measure.

- d) Growth capex in excess of \$50 million until the completion date of the project. (Removing these assets until they commence EBIT production provides the correct driver for investing in the future).

AGL has chosen these hurdles because, in conjunction with the "clawback" mechanism:

- TSR rewards consistent performance in the generation of sustained shareholder value over the long term. It aligns the interests of shareholders and Executives with the achievement of AGL's strategic goals;
- EBIT/Funds Employed encourages the efficient use of capital in a capital intensive industry. This hurdle correctly focuses Executives on improving AGL's Return on Funds Employed. AGL has a consistent accounting policy which controls adjustments to EBIT, whereby we do not permit significant EBIT items (or indeed adjustments in carrying values) to influence the outcome of this calculation.

The calculation process is as follows:

1. At the commencement of the financial year, each participant receives an initial notional grant of the number of SPRs determined by multiplying their total fixed remuneration (TFR) by their long-term incentive opportunity (which is expressed as a percentage of TFR), and dividing the resulting number by the Volume Weighted Average Price at which AGL's shares traded on the ASX during the 30 calendar days up to and including 30 June of the preceding financial year (see example below). Fractional entitlements are rounded up.

Example: Calculation of financial year 2012 (FY12) notional grant of Share Performance Rights:

Total fixed remuneration (TFR)	X	LTI opportunity (as a % of TFR)
\$14.23 (Volume Weighted Average Price at which AGL's shares traded on the ASX during the 30 calendar days up to and including 30 June 2011)		

2. That notional grant is then split 50/50 between each performance hurdle - that is, half of the SPRs in the total notional grant are allocated to be tested against the TSR hurdle and the other half are allocated to be tested against the EBIT/Funds Employed hurdle, at the end of the financial year.
3. The final number of SPRs to be banked in each relevant bank account is then determined according to AGL's performance against the relevant hurdle as follows:

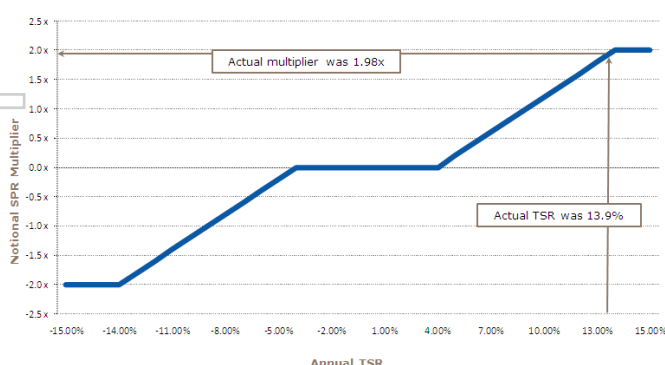
Management receives no reward until TSR reaches 4% (a reasonable dividend yield). Immaterial rewards commence at this point and progressively grow until a cap is reached at 14% TSR. If the cap is triggered, the following year's opening share price is set at a level that would have achieved a TSR of 14%.

The financial penalty for management commences when TSR is less than minus 4%. Similar to the upside potential, there is a floor on the financial penalty at minus 14%. If the floor is triggered, the following year's opening share price is set at a level that would have achieved a TSR of minus 14%.

This cap and floor mechanism assists in controlling excessive reward or penalty to management, in any given year, where the significant increase or significant decrease in TSR was only temporary.

Hurdle 1: Annual TSR	
Annual TSR	Number of SPRs banked for this hurdle
Equal to or greater than 14%	2 times SPRs notionally granted
Greater than 4% and less than 14%	Progressive on a straight-line basis from zero to 2 times SPRs notionally granted
Between 4% and minus 4%	Zero SPRs notionally granted
Less than minus 4% and greater than minus 14%	Progressive deduction on a straight-line basis from zero to minus 2 times SPRs notionally granted
Equal to or less than minus 14%	Minus 2 times SPRs notionally granted

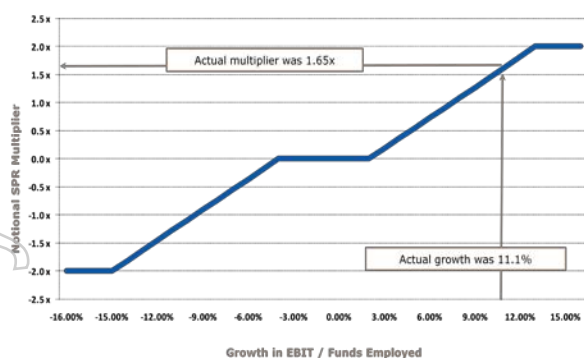
The above table is presented in the chart below using actual FY12 outcomes as an example.



The hurdle detailed in the above table and chart materially reward management only when shareholders receive superior TSR. Conversely, management is either not rewarded or is financially penalised, when TSR is insufficient or negative.

Hurdle 2: Annual growth in EBIT/Funds Employed	
Annual growth in EBIT/ Funds Employed	Number of SPRs banked for this hurdle
Equal to or greater than 13%	2 times SPRs notionally granted
Greater than 2% and less than 13%	Progressive on a straight-line basis from zero to 2 times SPRs notionally granted
Between 2% and minus 4%	Zero SPRs notionally granted
Less than minus 4% and greater than minus 15%	Progressive on a straight-line basis from zero to minus 2 times SPRs notionally granted
Equal to or less than minus 15%	Minus 2 times SPRs notionally granted

The above table is presented in the chart below using actual FY12 outcomes as an example.



The Board believes that the current return on funds employed for AGL is not sufficient. The hurdles detailed in the above table and chart reward management when EBIT/Funds Employed grows. Conversely, management is either not rewarded or is financially penalised, when growth in EBIT/Funds employed is insufficient or negative.

The hurdle also recognises that the industry structure is such that, all things being equal, additional working capital is required every year because AGL must pay increased network charges monthly but cannot recoup these increased charges for up to three months. This structure is beyond management's control and that is why rewards commence when growth reaches 2% but the financial penalty does not commence until there is a 4% deterioration in EBIT/Funds Employed.

As with TSR, there is the same cap and floor mechanism for EBIT/Funds Employed that assists in controlling excessive reward or penalty to management, in any given year, where the significant increase or significant decrease in EBIT/Funds Employed was only temporary. The cap and floor have been set at different rates to reflect the working capital issue highlighted above.

**Note:** SPRs banked under the LTIP can be both positive and negative. SPRs can only vest if there is a pre-determined improvement on the previous year. Importantly however, if performance falls below a pre-determined level in any year, previously banked SPRs will be clawed back to the extent calculated under the performance hurdles.

This feature provides the opportunity to assess performance over multiple years and therefore supports the intent of the LTIP to align shareholder and Executive interests over the long term.

the relevant share bank account for each participant. At the end of every financial year 40% of any positive bank account balance is distributed to participants as AGL shares. The balance (if any) of each bank account is carried forward and may vest or be clawed back in future years. Any negative balance is also carried forward.

The below example shows how the LTIP worked in July 2012 for the CEO (using actual figures).

#### Calculation of SPR award to CEO Michael Fraser

Total Fixed Remuneration	\$2,080,000
Notional LTI allocation (100% of TFR)	\$2,080,000
VWAP of share price to 30 June 2011 to calculate notional grant of SPRs	\$14.23
Number of SPRs notionally granted	146,171
Adjustment to SPRs notionally granted for the effect of rights issue	5,357
Adjusted total number of SPRs notionally granted after rights issue	151,528

- After testing any notionally granted SPRs against the relevant performance hurdle the SPRs are deposited into (or deducted from)

**2012 TSR metric outcome calculation**

Opening VWAP share price - 30/6/2011 \$14.23  
 Closing VWAP share price - 30/06/2012 \$15.03  
 Dividends paid in 2012 \$0.60  
 Value of exercising rights \$0.57  
 TSR for 2012  
 $((15.03+0.60+0.57)/14.23)-1 \times 100$   
 13.9%  
 Award multiplier - based on TSR outcome  
 above 4%  
 1.98

<b>Hurdle 1: Annual TSR 2012</b>		
A	Michael Fraser SPRs notionally granted for this hurdle (50% of 151,528 adjusted notional grant)	75,764
	TSR outcome	13.9%
B	Award multiplier	1.98
C	Opening SPR bank balance (carried forward from the 2010/2011 financial year)	30,031
D	Adjustment to SPRs opening bank balance for the effect of rights issue	1,101
E	Total SPR bank balance after rights issue (C + D)	31,132
F	Incentive (A x B)	150,013
G	Available (E + F)	181,145
H	Annual distribution at 40% (G x 40%)	72,458
I	Closing bank balance of SPRs (G - H)	108,687

**2012 EBIT/Funds Employed metric outcome calculation**

EBIT/Funds employed - 30/6/2011 : 10.45%  
 EBIT/Funds employed - 30/6/2012 : 11.61%  
 Annual change in EBIT/Funds employed  
 for 2012  $((11.61-10.45)/10.45) \times 100$  : 11.1%  
 Award multiplier - based on EBIT / Funds  
 Employed outcome above 2% : 1.65

<b>Hurdle 2: Annual growth in EBIT/Funds Employed 2012</b>		
A	Michael Fraser SPRs notionally granted for this hurdle (50% of 151,528 adjusted notional grant)	75,764
	EBIT/Funds employed outcome	11.1%
B	Award multiplier	1.65
C	Opening SPR bank balance (carried forward from the 2009/2010 financial year)	minus 22,988
D	Adjustment to SPRs opening bank balance for the effect of rights issue	minus 843
E	Total SPR bank balance after rights issue (C + D)	minus 23,831
F	Incentive (A x B)	125,011
G	Available (E + F)	101,180
H	Annual distribution at 40% (G x 40%)	40,472
I	Closing bank balance of SPRs (G - H)	60,708

### Old LTI plan

AGL currently has two types of LTI for Executives.

1. AGL's 'new' LTI, which is described in the section above, covered grants of SPRs, which were determined in September for each year between 2009 and 2012, and is intended to cover future grants (subject to periodic review by the Board).
2. Now purely as a legacy plan, AGL also has an 'old' LTI scheme under which SPRs were granted in October 2008.

Apart from a balance of 4,048 SPRs, granted in October 2008, the old LTI plan is no longer in operation. This plan will cease to operate entirely from September 2012.

The old LTI plan uses relative TSR as the performance hurdle.

- Vesting is based on measurement of the performance hurdle, initially three years from the date of issue, or (to the extent that full vesting does not occur at this point) four years from the date of issue.
- Any SPRs that do not vest, after year four, automatically lapse.
- The performance hurdle is relative TSR measured against a comparator group of the ASX100 companies as at 1 October 2008.
- The number of SPRs that vest is determined as follows:

AGL's TSR ranking relative to comparator group	Percentage of SPRs that vest
TSR below 40%	0%
TSR between 40% and 50%	Progressive vesting on a straight-line basis from 40% to 50%
TSR between 51% and 84%	Progressive vesting on a straight-line basis from >50% to <100%
TSR equal to or greater than 85%	100%

Vesting of SPRs commences at the 40<sup>th</sup> percentile because independent analysis showed

that the probability of vesting at the 50<sup>th</sup> percentile was quite low and in fact AGL had the lowest price volatility of ASX 100 companies who used relative TSR as a performance hurdle. This low probability and higher risk presented limited incentive and retention benefit to Executives reducing the effectiveness of the LTI as a genuine performance incentive.

Relative TSR performance is assessed by an independent third party provider for accuracy and independence of calculation.

### CEO LTI allocation: 2012 - 2014

AGL obtained shareholder approval in 2011 to issue an LTI allocation to Mr Fraser with a face value equivalent of up to a maximum of 100% of his TFR (total fixed remuneration) in respect of each of the financial years ending 30 June 2012, 30 June 2013 and 30 June 2014.

## 4. Remuneration mix

STI and LTI are together known as the 'variable' or 'at risk' element of an Executive's remuneration. This increases with the level of responsibility and/or criticality of the role.

The balance between fixed and variable remuneration is regularly reviewed for market relativity and competitiveness.

In respect of the 2011/12 financial year, the maximum remuneration mix within the Executive roles in AGL was as follows:

	Maximum percentage of total target remuneration		
	TFR	STI	LTI <sup>1</sup>
Chief Executive Officer	33.3%	33.3%	33.3%
Group General Managers and CFO	47%	29%	24%
Other Executives	55% to 65%	20% to 30%	5% to 20%

Note: <sup>1</sup> this percentage may increase over time for sustained outperformance against specified hurdles over a number of years (due to the impact of the LTI multiplier).

## 5. Key Management Personnel

**AGL's key management personnel are responsible for planning, directing and controlling AGL's activities.**

Key Management Personnel (KMP) are the people who have authority and responsibility for planning, directing and controlling the activities of AGL. They are:

- the Managing Director, who is the Chief Executive Officer
- the Executives
- the non-executive Directors of the Board.

AGL's KMP during the financial year are listed below. Unless otherwise indicated, they were KMP for the entire period.

Name	Position
<b>Directors</b>	
Jeremy Maycock	Chairman
Les Hosking	Non-executive Director
Belinda Hutchinson	Non-executive Director
Sandra McPhee	Non-executive Director
Max Ould	Non-executive Director
Bruce Phillips	Non-executive Director
John Stanhope	Non-executive Director
<b>Managing Director and Chief Executive Officer</b>	
Michael Fraser	Managing Director and Chief Executive Officer
<b>Executives</b>	
Anthony Fowler	Group General Manager Merchant Energy
Ken Hodgson	Group General Manager Retail Energy
Paul McWilliams	Group Head of Corporate Support Services and Company Secretary
Stephen Mikkelsen	Chief Financial Officer
Michael Moraza	Group General Manager Upstream Gas

## 6. Remuneration disclosures: KMP

Details of the KMPs' remuneration for the financial year are set out below.

Remuneration of Key Management Personnel for year ended 30 June 2012 (Senior Executives)

	Short-Term Benefits				Post-Employment Benefits		Other Long-Term Benefits	Termination Benefits	Share Based Payments		Total	Value of Equity as a percentage of Total
	Cash Salary & Fees	Short-Term Incentives	Non-Monetary Benefits	Other Short-Term Benefits	Superannuation	Retirement Benefits			Rights (c)	Other Share Plans (d)		
<b>Executives</b>	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
Anthony Fowler	646,712	441,000	8,713	-	38,755	(e)	-	-	344,746	-	1,479,926	23.3%
Michael Fraser	1,609,417	1,976,000	34,339	-	457,250	-	-	-	2,209,095	-	6,286,101	35.1%
Ken Hodgson	687,485	475,200	-	-	29,515	(e)	-	-	359,582	-	1,551,782	23.2%
Paul McWilliams	497,016	256,500	24,142	-	48,775	(e)	-	-	170,427	256,500	1,253,360	34.1%
Stephen Mikkelsen	754,225	468,000	-	-	15,775	-	-	-	400,964	-	1,638,964	24.5%
Michael Moraza	565,308	292,500	-	-	98,727	-	-	-	333,699	-	1,290,234	25.9%
<b>Total</b>	<b>4,760,163</b>	<b>3,909,200</b>	<b>67,194</b>	<b>-</b>	<b>688,797</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,818,513</b>	<b>256,500</b>	<b>13,500,367</b>	

(a) Earned in respect of 2010/2011 financial year and paid in September 2012.

(b) Includes the value of benefits such as cars, representational spouse travel and entertainment and Fringe Benefits Tax.

(c) The fair value of LTI SPRs has been calculated using the Black-Scholes and Monte-Carlo simulation methods.

(d) Value of shares acquired under the AGL Share Purchase Plan and other deferred share based payments.

(e) Includes salary sacrifice contributions.

All executives are entitled to four weeks annual leave and long service leave based on statutory entitlements.

## Remuneration of Key Management Personnel for year ended 30 June 2011 (Senior Executives)

Executives	Short-Term Benefits				Post-Employment Benefits		Other Long-Term Benefits	Termination Benefits	Share Based Payments		Total	Value of Equity as a percentage of Total
	Cash Salary & Fees	Short-Term Incentives (a)	Non-Monetary Benefits (b)	Other Short-Term Benefits	Superannuation	Retirement Benefits			Rights (c)	Other Share Plans (d)		
Jeff Dimery (e)	652,162	-	16,158	-	41,967	-	-	-	976	-	711,263	0.1%
Anthony Fowler (f)	516,417	180,000	-	-	30,779 (g)	-	-	-	22,361	-	749,557	3.0%
Michael Fraser	1,571,373	975,000	46,039	-	438,755	-	-	-	401,924	-	3,433,091	11.7%
Ken Hodgson	671,872	315,900	-	-	27,794 (g)	-	-	-	-	-	1,015,566	-
Paul McWilliams	453,714	160,900	-	-	51,199 (g)	-	-	-	14,915	160,900	841,628	20.9%
Stephen Mikkelsen	700,134	252,000	-	-	15,199	-	-	-	59,774	-	1,027,107	5.8%
Michael Moraza	524,929	198,000	-	-	91,675	-	-	-	27,107	-	841,711	3.2%
Paul Simshauser	543,967	199,500	-	-	15,199	-	-	-	414	-	759,080	0.1%
<b>Total</b>	<b>5,634,568</b>	<b>2,281,300</b>	<b>62,197</b>	<b>-</b>	<b>712,567</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>526,495</b>	<b>161,876</b>	<b>9,379,003</b>	

(a) Earned in respect of 2010/2011 financial year and paid in September 2011.

(b) Includes the value of benefits such as cars, representational spouse travel and entertainment and Fringe Benefits Tax.

(c) The fair value of LTI SPRs has been calculated using the Black-Scholes and Monte-Carlo simulation methods.

(d) Value of shares acquired under the AGL Share Purchase Plan and other deferred share based payments.

(e) Resigned in September 2010.

(f) Includes remuneration received in the financial year prior to appointment as KMP in November 2010.

(g) Includes salary sacrifice contributions.

All executives are entitled to four weeks annual leave and long service leave based on statutory entitlements.

## Remuneration of Key Management Personnel for year ended 30 June 2012 (Non-executive Directors)

Non-executive Directors	Short-Term Benefits			Post-Employment Benefits		Share Based Payments		Total (a)	Value of Equity as a percentage of Total
	Cash Salary & Fees	Short-Term Incentives	Non-Monetary Benefits (a)	Superannuation	Retirement Benefits	Rights	Other Share Plans (b)		
Jeremy Maycock	381,225	-	-	33,775 (c)	-	-	5,000	420,000	1.2%
Les Hosking	187,475	-	-	15,775	-	-	-	203,250	-
Belinda Hutchinson	187,475	-	-	15,775	-	-	-	203,250	-
Sandra McPhee	202,202	-	-	15,775	-	-	-	217,977	-
Max Ould	179,475	-	-	15,775	-	-	-	195,250	-
Bruce Phillips	187,475	-	-	15,775	-	-	-	203,250	-
John Stanhope	199,960	-	-	15,775	-	-	-	215,735	-
<b>Total</b>	<b>1,525,287</b>	<b>-</b>	<b>-</b>	<b>128,425</b>	<b>-</b>	<b>-</b>	<b>5,000</b>	<b>1,658,712</b>	

(a) No other benefits either short-term, long-term or termination were provided to non-executive Directors.

(b) Value of fees allocated to acquire shares under the AGL Share Purchase Plan.

(c) Includes salary sacrifice contributions.

## Remuneration of Key Management Personnel for year ended 30 June 2011 (Non-executive Directors)

Non-executive Directors	Short-Term Benefits			Post-Employment Benefits		Share Based Payments		Total (a)	Value of Equity as a percentage of Total
	Cash Salary & Fees	Short-Term Incentives	Non-Monetary Benefits (a)	Superannuation	Retirement Benefits	Rights	Other Share Plans (b)		
Jeremy Maycock	296,789	-	-	14,735	-	-	5,000	316,524	1.6%
Mark Johnson (c)	108,579	-	-	4,230	-	-	-	112,809	-
Les Hosking	175,347	-	-	15,065	-	-	-	190,412	-
Belinda Hutchinson	97,208	-	-	8,032	-	-	-	105,240	-
Sandra McPhee	176,180	-	-	14,830	-	-	-	191,010	-
Max Ould	161,376	-	-	14,830	-	-	-	176,206	-
Bruce Phillips	175,347	-	-	15,065	-	-	-	190,412	-
John Stanhope	183,301	-	-	15,199	-	-	-	198,500	-
<b>Total</b>	<b>1,374,127</b>	<b>-</b>	<b>-</b>	<b>101,986</b>	<b>-</b>	<b>-</b>	<b>5,000</b>	<b>1,481,113</b>	

(a) No other benefits either short-term, long-term or termination were provided to non-executive Directors.

(b) Value of fees allocated to acquire shares under the AGL Share Purchase Plan.

(c) Ceased as an AGL Director in October 2010.

Details of Share Performance Rights granted to Key Management Personnel as part of remuneration for the year ended 30 June 2012

	Balance at 1 July 2011	SPRs Deposited (deducted) during the year (a)	SPRs notionally granted during the year	SPRs adjustments granted during the year (b)	Fair value per SPR at grant date (c)	SPRs vested during the year (d)	SPRs forfeited during the year	Balance at 30 June 2012
<b>Michael Fraser</b>								
• TSR share bank account	50,051	-	-	1,101	Various	(20,020)	-	31,132
• EBIT/Funds Employed share bank account	18,164	(41,152)	-	(843)	Various	-	-	(23,831)
• Notional grant 22-Jun-12	-	-	146,171	5,357	\$14.53	-	-	151,528
• Notional grant 20-Jun-11	137,175	(137,175)	-	-	\$7.08	-	-	-
• Old LTIP grant 27-Oct-08	107,639	-	-	79	\$10.30	(105,486)	-	2,232
	313,029	(178,327)	146,171	5,694		(125,506)	-	161,061
<b>Anthony Fowler</b>								
• TSR share bank account	1,066	-	-	23	Various	(426)	-	663
• EBIT/Funds Employed share bank account	386	(4,938)	-	(167)	Various	-	-	(4,719)
• Notional grant 22-Jun-12	-	-	24,596	901	\$14.53	-	-	25,497
• Notional grant 20-Jun-11	16,461	(16,461)	-	-	\$7.08	-	-	-
• Old LTIP grant 27-Oct-08	5,209	-	-	4	\$10.30	(5,104)	-	109
	23,122	(21,399)	24,596	761		(5,530)	-	21,550
<b>Ken Hodgson</b>								
• TSR share bank account	5,584	-	-	123	Various	(2,234)	-	3,473
• EBIT/Funds Employed share bank account	2,026	(7,222)	-	(190)	Various	-	-	(5,386)
• Notional grant 22-Jun-12	-	-	25,299	927	\$14.53	-	-	26,226
• Notional grant 20-Jun-11	24,075	(24,075)	-	-	\$7.08	-	-	-
	31,685	(31,297)	25,299	860		(2,234)	-	24,313
<b>Paul McWilliams</b>								
• TSR share bank account	1,256	-	-	28	Various	(502)	-	782
• EBIT/Funds Employed share bank account	456	(2,263)	-	(66)	Various	-	-	(1,873)
• Notional grant 22-Jun-12	-	-	12,017	440	\$14.53	-	-	12,457
• Notional grant 20-Jun-11	7,545	(7,545)	-	-	\$7.08	-	-	-
• Old LTIP grant 27-Oct-08	3,132	-	-	2	\$10.30	(3,069)	-	65
	12,389	(9,808)	12,017	404		(3,571)	-	11,431
<b>Stephen Mikkelsen</b>								
• TSR share bank account	5,617	-	-	124	Various	(2,247)	-	3,494
• EBIT/Funds Employed share bank account	2,038	(7,407)	-	(197)	Various	-	-	(5,566)
• Notional grant 22-Jun-12	-	-	27,407	1,004	\$14.53	-	-	28,411
• Notional grant 20-Jun-11	24,692	(24,692)	-	-	\$7.08	-	-	-
• Old LTIP grant 27-Oct-08	14,000	-	-	10	\$10.30	(13,720)	-	290
	46,347	(32,099)	27,407	941		(15,967)	-	26,629
<b>Michael Moraza</b>								
• TSR share bank account	6,223	-	-	137	Various	(2,489)	-	3,871
• EBIT/Funds Employed share bank account	2,258	(6,173)	-	(143)	Various	-	-	(4,058)
• Notional grant 22-Jun-12	-	-	22,840	837	\$14.53	-	-	23,677
• Notional grant 20-Jun-11	20,577	(20,577)	-	-	\$7.08	-	-	-
• Old LTIP grant 27-Oct-08	7,639	-	-	6	\$10.30	(7,486)	-	159
	36,697	(26,750)	22,840	837		(9,975)	-	23,649

- (a) After testing the SPRs notionally granted on 20 June 2011 against the relevant performance hurdle, the SPRs are deposited into (or deducted from) the relevant share bank account for each participant.
- (b) Adjustment grants made to adjust for dilution to the number of SPRs notionally granted on 22 June 2012 and to unvested SPRs for prior years as a result of the rights issue allotment in June 2012.
- (c) Fair value of SPRs granted is determined using the Black-Scholes and Monte Carlo simulation methods.
- (d) SPRs vest at no cost to the recipient providing the relevant performance hurdles are satisfied.



Details of Share Performance Rights granted to Key Management Personnel as part of remuneration for the year ended 30 June 2011

	Balance at 1 July 2010	SPRs Deposited (deducted) during the year (a)	SPRs notionally granted during the year	Fair value per SPR at grant date (b)	SPRs vested during the year (c)	SPRs forfeited during the year	Balance at 30 June 2011
<b>Michael Fraser</b>							
• TSR share bank account	-	83,418	-	Various	(33,367)	-	50,051
• EBIT/Funds Employed share bank account	-	30,273	-	Various	(12,109)	-	18,164
• Notional grant 20-Jun-11	-	-	137,175	\$7.08	-	-	137,175
• Notional grant 26-Feb-10	134,546	(134,546)	-	\$12.09	-	-	-
• Old LTIP grant 27-Oct-08	107,639	-	-	\$10.30	-	-	107,639
• Old LTIP grant 25-Feb-08	103,915	-	-	\$7.66	(103,915)	-	-
	346,100	(20,855)	137,175		(149,391)	-	313,029
<b>Jeff Dimery</b>							
• TSR share bank account	-	12,625	-	Various	(5,050)	(7,575)	-
• EBIT/Funds Employed share bank account	-	4,582	-	Various	(1,833)	(2,749)	-
• Notional grant 26-Feb-10	20,364	(20,364)	-	\$12.09	-	-	-
• Old LTIP grant 27-Oct-08	18,056	-	-	\$10.30	-	(18,056)	-
• Old LTIP grant 11-Jan-08	12,188	-	-	\$9.16	(12,188)	-	-
	50,608	(3,157)	-		(19,071)	(28,380)	-
<b>Anthony Fowler</b>							
• TSR share bank account	-	1,776	-	Various	(710)	-	1,066
• EBIT/Funds Employed share bank account	-	644	-	Various	(258)	-	386
• Notional grant 20-Jun-11	-	-	16,461	\$7.08	-	-	16,461
• Notional grant 26-Feb-10	2,864	(2,864)	-	\$12.09	-	-	-
• Old LTIP grant 27-Oct-08	5,209	-	-	\$10.30	-	-	5,209
• Old LTIP grant 11-Jan-08	2,111	-	-	\$9.16	(2,111)	-	-
	10,184	(444)	16,461		(3,079)	-	23,122
<b>Ken Hodgson</b>							
• TSR share bank account	-	9,307	-	Various	(3,723)	-	5,584
• EBIT/Funds Employed share bank account	-	3,377	-	Various	(1,351)	-	2,026
• Notional grant 20-Jun-11	-	-	24,075	\$7.08	-	-	24,075
• Notional grant 26-Feb-10	15,011	(15,011)	-	\$12.09	-	-	-
	15,011	(2,327)	24,075		(5,074)	-	31,685
<b>Paul McWilliams</b>							
• TSR share bank account	-	2,094	-	Various	(838)	-	1,256
• EBIT/Funds Employed share bank account	-	760	-	Various	(304)	-	456
• Notional grant 20-Jun-11	-	-	7,545	\$7.08	-	-	7,545
• Notional grant 26-Feb-10	3,379	(3,379)	-	\$12.09	-	-	-
• Old LTIP grant 27-Oct-08	3,132	-	-	\$10.30	-	-	3,132
• Old LTIP grant 11-Jan-08	6,140	-	-	\$9.16	(6,140)	-	-
	12,651	(525)	7,545		(7,282)	-	12,389
<b>Stephen Mikkelsen</b>							
• TSR share bank account	-	9,361	-	Various	(3,744)	-	5,617
• EBIT/Funds Employed share bank account	-	3,397	-	Various	(1,359)	-	2,038
• Notional grant 20-Jun-11	-	-	24,692	\$7.08	-	-	24,692
• Notional grant 26-Feb-10	15,099	(15,099)	-	\$12.09	-	-	-
• Old LTIP grant 27-Oct-08	14,000	-	-	\$10.30	-	-	14,000
• Old LTIP grant 11-Jan-08	19,647	-	-	\$9.16	(19,647)	-	-
	48,746	(2,341)	24,692		(24,750)	-	46,347
<b>Michael Moraza</b>							
• TSR share bank account	-	10,371	-	Various	(4,148)	-	6,223
• EBIT/Funds Employed share bank account	-	3,764	-	Various	(1,506)	-	2,258
• Notional grant 20-Jun-11	-	-	20,577	\$7.08	-	-	20,577
• Notional grant 26-Feb-10	16,728	(16,728)	-	\$12.09	-	-	-
• Old LTIP grant 27-Oct-08	7,639	-	-	\$10.30	-	-	7,639
• Old LTIP grant 11-Jan-08	5,294	-	-	\$9.16	(5,294)	-	-
	29,661	(2,593)	20,577		(10,948)	-	36,697

(a) After testing the SPRs notionally granted on 26 February 2010 against the relevant performance hurdle, the SPRs are deposited into (or deducted from) the relevant share bank account for each participant.

(b) Fair value of SPRs granted is determined using the Black-Scholes and Monte Carlo simulation methods.

(c) SPRs vest at no cost to the recipient providing the relevant performance hurdles are satisfied.

## 7. Terms of Executive contracts

### **Executives' contracts specify their remuneration entitlements, benefits and awards.**

All Executives have 'Service Agreements', or employment contracts, which specify the components of remuneration to which they are entitled. The Service Agreements provide for participation in the short and long-term incentives in accordance with the terms of their respective plans. The Board can vary the terms of these plans, although such variations cannot be applied retrospectively.

Details of contract duration, notice period for termination, and termination payments for Executives are provided in the table below.

Executive	Position	Contract duration	Termination notice period by AGL	Termination notice period by employee	Termination payments
Anthony Fowler	Group General Manager Merchant Energy	No fixed term	3 months	6 months	9 months TFR
Ken Hodgson	Group General Manager Retail Energy	No fixed term	3 months	6 months	9 months TFR
Paul McWilliams	Group Head of Corporate Support Services and Company Secretary	No fixed term	3 months (a)	6 months	9 months TFR
Stephen Mikkelsen	Chief Financial Officer	No fixed term	3 months (a)	6 months	9 months TFR
Michael Moraza	Group General Manager Upstream Gas	No fixed term	3 months	3 months	9 months TFR

(a) AGL will provide 6 months notice in circumstances of unsatisfactory performance

### The CEO

Details of Mr Fraser's appointment and the terms of his Service Agreement are set out below.

#### Terms of appointment

Mr Fraser was appointed Managing Director and CEO of AGL on 22 October 2007. His Service Agreement is open ended, with his appointment as Managing Director and CEO continuing until it is terminated.

#### Termination conditions

AGL may terminate Mr Fraser's appointment:

- by giving him 12 months' notice in writing at any time
- or
- without notice in the event of any act which detrimentally affects AGL (such as dishonesty, fraud or serious or wilful misconduct in the discharge of his duties or unremedied, persistent, wilful or material breaches of the terms of his Service Agreement).

Mr Fraser may terminate his appointment:

- by giving AGL 12 months' notice in writing at any time
- or
- by giving AGL three months' notice in writing if he ceases to hold the most senior management role within AGL or ceases to report directly to the Board, or if the scope

of his responsibilities or authorities is materially diminished (Fundamental Change). This right of termination must be exercised within six months after the Fundamental Change occurs.

If Mr Fraser's appointment is terminated by either party giving a period of notice, AGL may at any time before the end of that period of notice pay Mr Fraser an amount equal to that proportion of his TFR at the time which corresponds to the period of notice which has been forgone.

If Mr Fraser's appointment is terminated by AGL with 12 months' notice before the date on which AGL pays STIs in respect of a financial year, Mr Fraser is eligible to be paid a STI in respect of that financial year as follows:

- if he is terminated as a result of unsatisfactory performance, a pro rata STI based on 50% of his STI opportunity (however Mr Fraser has advised AGL that he will not assert his entitlement to any payment of a short term incentive if his employment is terminated in this circumstance);
- if he is terminated as a result of redundancy or total or permanent disablement, a pro rata STI based on 100% of his STI opportunity.

If Mr Fraser terminates his employment with AGL due to retirement or a Fundamental

Change, a pro rata STI payment will be made based on 100% of his STI opportunity.

The circumstances in which all unvested SPRs granted to Mr Fraser under the old LTIP will vest (subject to the relevant performance conditions being met at the time of cessation of employment or waived by the Board under exceptional circumstances), and the positive balances of SPRs banked to Mr Fraser's notional SPR bank accounts under the new LTIP will vest, are as follows:

- a) death;
- b) total and permanent disablement;
- c) termination of his employment by AGL without cause (either with or without notice) (however Mr Fraser has advised AGL that he will not assert his entitlement for any unvested SPRs to vest if his employment terminates in this circumstance);
- d) termination of his employment with AGL by Mr Fraser giving three months' notice after the occurrence of a fundamental change (on the basis provided for in Mr Fraser's employment contract);
- e) redundancy;
- f) retirement; or
- g) cessation of his employment with AGL in such other circumstances as the Board in its absolute discretion may determine.

All unvested SPRs under the old LTIP or banked SPRs under the new LTIP will lapse if Mr Fraser ceases employment with AGL for any other reason.

### **Remuneration**

Mr Fraser's remuneration consists of the components set out below.

#### *Total Fixed Remuneration*

Mr Fraser's TFR, effective 1 September 2012, is \$2,163,000 a year.

During each year of the term of his appointment, the Board commissions an independent review of his TFR for the following year and decides whether to increase it, taking into account such matters as external market relativities. The details of the market remuneration information considered is described in Section 2 of this report.

Under no circumstances can Mr Fraser's TFR be reduced without his written consent.

### *Short-Term Incentive*

Mr Fraser is eligible to receive a maximum STI payment for the year ending 30 June 2013 of \$2,163,000.

Any STI will be determined in accordance with the STI Plan rules and is subject to the satisfactory completion by Mr Fraser of his performance objectives which relate to financial, customer, people management and strategic growth and innovation objectives.

For year ending 30 June 2012, one half of any STI will be paid in cash in September 2012, with payment of the balance deferred for 12 months.

Any deferred STI component is payable in the following circumstances:

- a) death;
- b) total and permanent disablement;
- c) termination of his employment by AGL without cause (either with or without notice);
- d) termination of his employment with AGL by Mr Fraser giving three months' notice after the occurrence of a fundamental change (on the basis provided for in Mr Fraser's employment contract);
- e) redundancy;
- f) retirement; or
- g) cessation of his employment with AGL in such other circumstances as the Board in its absolute discretion may determine.

Otherwise the deferred STI component is forfeited.

### *Long-Term Incentive*

AGL has obtained shareholder approval to issue the maximum number of Share Performance Rights available to Mr Fraser in respect of each of the financial years ending 30 June 2012, 30 June 2013 and 30 June 2014.

The CEO's LTI allocation was 100% of his TFR in accordance with contractual rights within the shareholder approved maximum allocation number of Share Performance Rights.

The Share Performance Rights granted to Mr Fraser under the LTI Plan will vest, subject to meeting the associated performance hurdles, at no cost to Mr Fraser.

### Restraint

Mr Fraser must not, for a period of six months following termination of his appointment:

- be engaged or concerned in any capacity whatsoever, in any business which is similar to, or competitive with, AGL's business;
- solicit or entice, or attempt to solicit or entice, any Director, employee or client of AGL to leave AGL; or
- attempt to persuade any Director, employee or client of AGL with whom Mr Fraser had dealings with in the year preceding the termination of his appointment to discontinue their relationship with AGL or reduce the amount of business they do with AGL.

## 8. Non-executive Directors

### **Non-executive Directors do not receive performance-related payments.**

Non-executive Directors receive a base fee. In addition, in recognition of the higher workloads and extra responsibilities of participating in a Board Committee, if applicable they also receive a Committee fee. Chairing a Committee attracts a higher fee rate, but the Chairman of the Board receives no extra remuneration for participating in or chairing Committees.

The maximum aggregate remuneration payable to non-executive Directors is \$2.0 million a year or such other amount as approved at a general meeting of shareholders.

Non-executive Directors' fees are determined by the Board based on advice from independent remuneration advisers, which includes market comparison of remuneration paid to non-executive Directors in a comparator group of similar sized companies as well as the ASX100.

Any changes to non-executive Directors' fees take effect from 1 January in the following year.

The market peer group used as a comparator group for the non-executive Directors is made up of companies who have a market capitalisation ranging from 20 companies below, to 20 companies above, the market capitalisation of AGL.

As the focus of the Board is the governance of and long-term strategic direction of AGL, there is no direct link between non-executive Director remuneration and AGL's short-term results.

Non-executive Directors may choose to receive fees as a combination of one or more of:

- **Directed superannuation contributions.** Subject to minimum contributions as required under SGC legislation, and maximum tax deductible contributions under the Income Tax Assessment Act, non-executive Directors may direct that some or all of their fees be paid as contributions to a complying superannuation fund of their choice.
- **AGL shares acquired under the AGL Share Purchase Plan.** The Plan Trustee acquires AGL shares on-market at market price during permitted trading periods. Details of the trading periods are included in the AGL Securities Dealing Policy which is available on AGL's website.
- **Cash.** The balance of fee entitlements is paid in cash to the non-executive Director in equal monthly amounts over the year.

Non-executive Directors are permitted to vary the components of their fee entitlements at any time.

No options have been granted to non-executive Directors over any securities or interests of AGL or the consolidated entity.

The Board conducted a review of its own performance, the performance of individual Directors, and the performance of the Board Committees during the last year.

The fee structure for non-executive Directors, effective 1 January 2012, is as follows:

	Base Fee \$	Audit & Risk Management Committee Fees \$	Other Committee Fees \$
Chairman of Board	440,000	-	-
Chairman of Committee	166,500	48,000	32,000
Director	166,500	24,000	16,000

## Five year financial performance

The following table shows AGL's annual performance over the last five years.

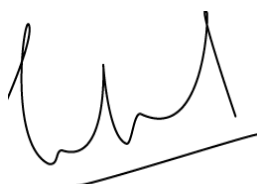
Year ended 30 June	2008	2009	2010	2011	2012
Statutory Profit	\$229.0m	\$1,596.1m	\$356.1m	\$558.7m	\$114.9m
Statutory EPS <sup>1</sup>	50.9c	346.6c	76.8c	118.5c	23.8c
Underlying Profit	\$341.0m	\$378.8m	\$428.9m	\$431.1m	\$482.0m
Underlying EPS <sup>1</sup>	75.8c	82.3c	92.5c	91.4c	100.0c
Dividends	53.0c	54.0c	59.0c	60.0c	61.0c
Increase/(decrease) in share price <sup>1</sup>	(5.7%)	(5.9%)	9.3%	(0.3%)	4.2%
EBIT / Funds Employed	10.6%	9.7%	9.4%	8.9%	9.2%
Adjusted EBIT / Funds Employed <sup>2</sup>	N/A	10.8%	11.3%	10.5%	11.6%
TSR <sup>2 &amp; 3</sup>	(5.9%)	1.9%	10.2%	1.6%	13.9%

Notes:

1. Restated for the bonus element of the one-for-six share rights issue completed in June 2012.
2. Used since FY2010 to calculate executives' long term incentives. See page 17 for details of calculation.
3. Based on June VWAP in each financial year.

## Approval of Directors' Report

This Directors' Report is made in accordance with a resolution of the Board of Directors and is signed for and on behalf of the Board this 22nd day of August 2012.



Jeremy Maycock  
Chairman

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# AGL Financial Report 2012

# AGL Financial Report 2012

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**AGL Energy Limited and Subsidiaries**  
**Consolidated Income Statement**  
**For the year ended 30 June 2012**

	Note	2012 \$m	2011 \$m
<b>Continuing operations</b>			
Revenue	5	<b>7,455.6</b>	7,072.5
Other income	6	<b>2.9</b>	-
Expenses	7	<b>(7,100.0)</b>	(6,139.0)
Share of profits of associates and jointly controlled entities accounted for using the equity method	18	<b>16.8</b>	33.6
Profit before net financing costs, depreciation and amortisation		<b>375.3</b>	967.1
Depreciation and amortisation	9	<b>(173.9)</b>	(148.0)
<b>Profit before net financing costs</b>		<b>201.4</b>	819.1
Finance income		<b>45.4</b>	47.9
Finance costs		<b>(83.9)</b>	(73.4)
<b>Net financing costs</b>	8	<b>(38.5)</b>	(25.5)
<b>Profit before tax</b>		<b>162.9</b>	793.6
Income tax expense	10	<b>(48.0)</b>	(234.9)
<b>Profit for the year attributable to owners of AGL Energy Limited</b>		<b>114.9</b>	558.7
<b>Earnings per share (a)</b>			
Basic earnings per share	37	<b>23.8 cents</b>	118.5 cents
Diluted earnings per share	37	<b>23.8 cents</b>	118.4 cents

(a) The comparative earnings per share for 2011 have been restated for the bonus element of the one-for-six share rights issue undertaken in June 2012; refer Note 37 for further details.

The income statement should be read in conjunction with the notes to the financial statements.



**AGL Energy Limited and Subsidiaries**  
**Consolidated Statement of Comprehensive Income**  
**For the year ended 30 June 2012**

	Note	2012 \$m	2011 \$m
<b>Profit for the year</b>		<b>114.9</b>	558.7
<b>Other comprehensive income</b>			
Cash flow hedges			
Gain/(loss) in fair value of cash flow hedges	35	<b>14.1</b>	(118.4)
Reclassification adjustments transferred to profit or loss	35	<b>115.9</b>	178.4
Reclassification adjustments transferred to the initial carrying amounts of hedged items	35	<b>40.3</b>	4.6
Actuarial (loss)/gain on defined benefit plans	48	<b>(70.0)</b>	3.6
Share of other comprehensive income of associates	18	<b>(56.6)</b>	31.5
Reclassification adjustments of an associate transferred to profit or loss on acquisition of entity	35	<b>36.3</b>	-
Income tax relating to components of other comprehensive income	10	<b>(30.1)</b>	(22.2)
<b>Other comprehensive income for the year, net of income tax</b>		<b>49.9</b>	77.5
<b>Total comprehensive income for the year attributable to owners of AGL Energy Limited</b>		<b>164.8</b>	636.2

The statement of comprehensive income should be read in conjunction with the notes to the financial statements.

**AGL Energy Limited and Subsidiaries**  
**Consolidated Statement of Financial Position**  
**As at 30 June 2012**

	Note	2012 \$m	2011 \$m
<b>Current assets</b>			
Cash and cash equivalents	12	1,812.9	753.1
Trade and other receivables	13	1,531.4	1,272.1
Inventories	14	185.4	127.4
Other financial assets	15	295.6	301.2
Other assets	16	306.6	276.6
<b>Total current assets</b>		<b>4,131.9</b>	<b>2,730.4</b>
<b>Non-current assets</b>			
Trade and other receivables	17	-	0.5
Investments accounted for using the equity method	18	31.6	240.7
Exploration and evaluation assets	19	654.0	658.0
Oil and gas assets	20	483.8	461.4
Property, plant and equipment	21	5,185.7	2,281.5
Intangible assets	22	3,172.0	3,137.2
Deferred tax assets	10	611.1	-
Other financial assets	23	431.6	164.5
Other assets	24	36.7	21.5
<b>Total non-current assets</b>		<b>10,606.5</b>	<b>6,965.3</b>
<b>Total assets</b>		<b>14,738.4</b>	<b>9,695.7</b>
<b>Current liabilities</b>			
Trade and other payables	25	1,158.4	853.1
Borrowings	26	616.0	886.7
Provisions	27	132.3	94.3
Current tax liabilities	10	11.0	167.2
Other financial liabilities	28	441.8	440.7
Other liabilities	29	250.3	15.1
<b>Total current liabilities</b>		<b>2,609.8</b>	<b>2,457.1</b>
<b>Non-current liabilities</b>			
Borrowings	30	3,696.0	284.5
Provisions	31	265.8	161.6
Deferred tax liabilities	10	349.0	302.7
Other financial liabilities	32	436.3	94.1
Other liabilities	33	248.6	54.2
<b>Total non-current liabilities</b>		<b>4,995.7</b>	<b>897.1</b>
<b>Total liabilities</b>		<b>7,605.5</b>	<b>3,354.2</b>
<b>Net assets</b>		<b>7,132.9</b>	<b>6,341.5</b>
<b>Equity</b>			
Issued capital	34	5,227.3	4,244.6
Reserves	35	22.0	(97.1)
Retained earnings	36	1,883.6	2,194.0
<b>Total equity attributable to owners of AGL Energy Limited</b>		<b>7,132.9</b>	<b>6,341.5</b>

The statement of financial position should be read in conjunction with the notes to the financial statements.

**AGL Energy Limited and Subsidiaries**  
**Consolidated Statement of Changes in Equity**  
**For the year ended 30 June 2012**

	Attributable to owners of AGL Energy Limited					
	Issued capital \$m	Employee equity benefits reserve \$m	Hedging reserve \$m	Other reserve \$m	Retained earnings \$m	Total equity \$m
<b>Balance at 1 July 2011</b>	4,244.6	0.6	(97.3)	(0.4)	2,194.0	6,341.5
Adjustment on correction of unbilled distribution liability, net of income tax (Note 3)	-	-	-	-	(79.9)	(79.9)
<b>Restated total equity at 1 July 2011</b>	4,244.6	0.6	(97.3)	(0.4)	2,114.1	6,261.6
Profit for the year	-	-	-	-	114.9	114.9
Other comprehensive income for the year, net of income tax	-	-	116.7	0.4	(67.2)	49.9
<b>Total comprehensive income for the year</b>	-	-	116.7	0.4	47.7	164.8
<b>Transactions with owners in their capacity as owners:</b>						
Issue of ordinary shares under AGL Dividend Reinvestment Plan	92.4	-	-	-	-	92.4
Issue of ordinary shares issued under the institutional and retail rights offers	905.3	-	-	-	-	905.3
Share issue transaction costs	(21.5)	-	-	-	-	(21.5)
Payment of dividends	-	-	-	-	(278.2)	(278.2)
Share-based payments	-	2.0	-	-	-	2.0
Income tax relating to transactions with owners	6.5	-	-	-	-	6.5
<b>Balance at 30 June 2012</b>	5,227.3	2.6	19.4	-	1,883.6	7,132.9
<b>Balance at 1 July 2010</b>	4,066.7	4.7	(163.6)	(0.5)	1,892.6	5,799.9
Profit for the year	-	-	-	-	558.7	558.7
Other comprehensive income for the year, net of income tax	-	-	66.3	0.1	11.1	77.5
<b>Total comprehensive income for the year</b>	-	-	66.3	0.1	569.8	636.2
<b>Transactions with owners in their capacity as owners:</b>						
Issue of ordinary shares under AGL Dividend Reinvestment Plan	61.9	-	-	-	-	61.9
Issue of ordinary shares for acquisition of subsidiary	116.0	-	-	-	-	116.0
Payment of dividends	-	-	-	-	(268.4)	(268.4)
Share-based payments	-	(4.1)	-	-	-	(4.1)
<b>Balance at 30 June 2011</b>	4,244.6	0.6	(97.3)	(0.4)	2,194.0	6,341.5

The statement of changes in equity should be read in conjunction with the notes to the financial statements.

**AGL Energy Limited and Subsidiaries**  
**Consolidated Statement of Cash Flows**  
**For the year ended 30 June 2012**

	Note	2012 \$m	2011 \$m
<b>Cash flows from operating activities</b>			
Receipts from customers		<b>8,780.3</b>	8,205.0
Payments to suppliers and employees		<b>(8,061.7)</b>	(7,620.0)
Dividends received		<b>26.7</b>	24.3
Finance income received		<b>24.0</b>	37.9
Finance costs paid		<b>(122.0)</b>	(77.2)
Income taxes paid		<b>(180.8)</b>	(0.7)
<b>Net cash provided by operating activities</b>	51(a)	<b>466.5</b>	569.3
<b>Cash flows from investing activities</b>			
Payments for property, plant and equipment		<b>(673.3)</b>	(474.3)
Payments for exploration and evaluation assets		<b>(38.3)</b>	(38.7)
Payments for oil and gas assets		<b>(48.8)</b>	(50.7)
Payments for interest acquired in a jointly controlled entity	18	<b>(1.6)</b>	-
Payments for investment securities		<b>(0.1)</b>	-
Payments for intangible assets		<b>(42.9)</b>	(15.6)
Payments for businesses and subsidiaries, net of cash acquired	51(b)	<b>217.5</b>	(5.1)
Proceeds from sale of property, plant and equipment		<b>133.4</b>	0.1
Proceeds from sale of exploration and evaluation assets		<b>5.4</b>	-
Proceeds from sale of oil and gas assets		<b>4.5</b>	-
Proceeds from sale of investments		-	0.9
Proceeds from sale of subsidiary, net of cash disposed	51(c)	-	163.9
Loans advanced to related parties		<b>(87.5)</b>	-
Proceeds from repayment of related party loans		<b>0.4</b>	0.2
<b>Net cash used in investing activities</b>		<b>(531.3)</b>	(419.3)
<b>Cash flows from financing activities</b>			
Proceeds from issue of shares, net of transaction costs	34	<b>883.8</b>	-
On-market share purchases		<b>(4.4)</b>	(6.1)
Proceeds from borrowings		<b>1,730.0</b>	337.8
Repayment of borrowings		<b>(1,299.0)</b>	(2.5)
Dividends paid	11	<b>(185.8)</b>	(206.5)
<b>Net cash provided by financing activities</b>		<b>1,124.6</b>	122.7
<b>Net increase in cash and cash equivalents</b>		<b>1,059.8</b>	272.7
Cash and cash equivalents at the beginning of the financial year		<b>753.1</b>	480.4
<b>Cash and cash equivalents at the end of the financial year</b>	51(d)	<b>1,812.9</b>	753.1

The statement of cash flows should be read in conjunction with the notes to the financial statements.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 1 - Summary of significant accounting policies**

AGL Energy Limited (the Parent Entity) is a company limited by shares incorporated in Australia whose shares are publicly traded on the Australian Securities Exchange (ASX). The address of its registered office is Level 22, 101 Miller Street North Sydney NSW 2060 Australia.

The consolidated financial statements comprise the Parent Entity and its subsidiaries (together referred to as the consolidated entity). For the purposes of preparing the consolidated financial statements, the Parent Entity is a for-profit entity.

The principal activities of the consolidated entity are described in Note 4.

**(a) Statement of compliance**

These consolidated financial statements are general purpose financial statements which have been prepared in accordance with Australian Accounting Standards and Interpretations as issued by the Australian Accounting Standards Board (AASB) and the Corporations Act 2001.

The consolidated financial statements also comply with International Financial Reporting Standards (IFRS) as issued by the International Accounting Standards Board (IASB).

The consolidated financial statements were authorised for issue by the Directors on 22 August 2012.

**(b) Basis of preparation**

The consolidated financial statements have been prepared on the basis of historical cost, except for derivative financial instruments and available-for-sale financial assets, which are measured at fair value. Historical cost is generally based on the fair values of the consideration given in exchange for assets. All amounts are presented in Australian dollars, unless otherwise noted.

The Parent Entity is a company of the kind referred to in ASIC Class Order 98/0100, dated 10 July 1998, and in accordance with that Class Order, amounts in the financial statements are rounded off to the nearest tenth of a million dollars, unless otherwise indicated.

The significant accounting policies that have been adopted in the preparation and presentation of the consolidated financial statements are set out below.

**(c) Significant accounting judgements, estimates and assumptions**

In the application of the consolidated entity's accounting policies, management is required to make judgements, estimates and assumptions about the carrying amounts of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and other factors that are considered to be relevant. Actual results may differ from these estimates.

The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised if the revision affects only that period, or in the period of the revision and future periods if the revision affects both current and future periods. Refer to Note 2 for a discussion of critical judgements in applying the entity's accounting policies, and key sources of estimation uncertainty.

**(d) Adoption of new and revised accounting standards**

The consolidated entity has adopted the following new and revised Standards and Interpretations that are relevant to its operations and effective for the current reporting period.

These new and revised Standards and Interpretations have not impacted on the accounting policies, financial position or performance of the consolidated entity, or on presentation or disclosure in the consolidated financial statements.

- AASB 124 *Related Party Disclosures (2009)* and AASB 2009-12 *Amendments to Australian Accounting Standards* [AASB 5, 8, 108, 110, 112, 119, 133, 137, 139, 1023 & 1031 and Interpretations 2, 4, 16, 1039 & 1052]
- AASB 1054 *Australian Additional Disclosures and AASB 2011-1 Amendments to Australian Accounting Standards arising from the Trans-Tasman Convergence Project* [AASB 1, 5, 101, 107, 108, 121, 128, 132 & 134 and Interpretations 2, 112 & 113]
- AASB 2009-14 *Amendments to Australian Interpretation – Prepayments of a Minimum Funding Requirement* [AASB Interpretation 14]
- AASB 2010-4 *Further Amendments to Australian Accounting Standards arising from the Annual Improvements Project* [AASB 1, 7, 101 & 134 and Interpretation 13]

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 1 - Summary of significant accounting policies (cont'd)**

**(d) Adoption of new and revised accounting standards (cont'd)**

- AASB 2010-5 *Amendments to Australian Accounting Standards* [AASB 1, 3, 4, 5, 101, 107, 112, 118, 119, 121, 132, 133, 134, 137, 139, 140, 1023 & 1038 and Interpretations 112, 115, 127, 132 & 1042]
- AASB 2010-6 *Amendments to Australian Accounting Standards – Disclosures on Transfers of Financial Assets* [AASB 1 & AASB 7]

**(e) Basis of consolidation**

The consolidated financial statements incorporate the financial statements of the Parent Entity and entities (including special purpose entities) controlled by the Parent Entity (its subsidiaries). Control is achieved where the Parent Entity has the power to govern the financial and operating policies of an entity so as to obtain benefits from its activities.

Income and expense of subsidiaries acquired or disposed of during the year are included in the consolidated income statement from the effective date of acquisition and up to the effective date of disposal, as appropriate.

Where necessary, adjustments are made to the financial statements of subsidiaries to bring their accounting policies into line with those used by other members of the consolidated entity.

All intra-group transactions, balances, income and expenses are eliminated in full on consolidation.

Changes in the consolidated entity's interests in subsidiaries that do not result in a loss of control are accounted for as equity transactions.

When the consolidated entity loses control of a subsidiary, a gain or loss is recognised in profit or loss and is calculated as the difference between (i) the aggregate of the fair value of the consideration received and the fair value of any retained interest and (ii) the previous carrying amount of the assets (including goodwill), and liabilities of the subsidiary and any non-controlling interests.

In addition, any amounts previously recognised in other comprehensive income in respect of that subsidiary are accounted for as if the consolidated entity had directly disposed of the relevant assets (i.e. reclassified to profit or loss or transferred directly to retained earnings as specified by applicable Standards). The fair value of any investment retained in the former subsidiary at the date when control is lost is regarded as the fair value on initial recognition for subsequent accounting under AASB 139 *Financial Instruments: Recognition and Measurement* or, when applicable, the cost on initial recognition of an investment in an associate or jointly controlled entity.

**(f) Business combinations**

Acquisitions of businesses are accounted for using the acquisition method. The consideration transferred in a business combination is measured at fair value which is calculated as the sum of the acquisition-date fair values of assets transferred, liabilities incurred and equity instruments issued by the consolidated entity. Acquisition-related costs are recognised in profit or loss as incurred. The consideration transferred also includes the fair value of any asset or liability resulting from a contingent consideration arrangement and the fair value of any previously held equity interest in the acquiree. Acquisition-related costs are recognised in profit or loss as incurred.

Identifiable assets acquired and liabilities and contingent liabilities assumed in a business combination are, with limited exceptions, measured initially at their fair values at the acquisition date. On an acquisition-by-acquisition basis, the consolidated entity recognises any non-controlling interest in the acquiree either at fair value or at the non-controlling interest's proportionate share of the acquiree's net identifiable assets.

Goodwill is measured as the excess of the sum of the consideration transferred, the amount of any non-controlling interests in the acquiree, and the fair value of the acquirer's previously held equity interest in the acquiree (if any) over the net of the acquisition-date amounts of the identifiable assets acquired and the liabilities assumed.

If, after reassessment, the net of the acquisition-date amounts of the identifiable assets acquired and liabilities assumed exceeds the sum of the consideration transferred, the amount of any non-controlling interests in the acquiree and the fair value of the acquirer's previously held interest in the acquiree (if any), the excess is recognised immediately in profit or loss as a bargain purchase gain.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 1 - Summary of significant accounting policies (cont'd)**

**(f) Business combinations (cont'd)**

Where the consideration transferred by the consolidated entity in a business combination includes assets or liabilities resulting from a contingent consideration arrangement, the contingent consideration is measured at its acquisition-date fair value. Changes in the fair value of the contingent consideration that qualify as measurement period adjustments are adjusted retrospectively, with corresponding adjustments against goodwill. All other subsequent changes in the fair value of contingent consideration classified as an asset or liability are accounted for in accordance with relevant Standards, with the corresponding gain or loss being recognised in profit or loss. If the contingent consideration is classified as equity, it is not remeasured and its subsequent settlement is accounted for within equity.

Where a business combination is achieved in stages, the consolidated entity's previously held interest in the acquired entity is remeasured to fair value at the acquisition date (i.e. the date the consolidated entity attains control) and the resulting gain or loss, if any, is recognised in profit or loss. Amounts arising from interests in the acquiree prior to the acquisition date that have previously been recognised in other comprehensive income are reclassified to profit or loss where such treatment would be appropriate if that interest were disposed of.

**(g) Segment reporting**

An operating segment is a component of the consolidated entity that engages in business activities from which it may earn revenues and incur expenses, including revenues and expenses relating to transactions with other components of the consolidated entity. Operating segments are identified on the basis of internal reports about components of the consolidated entity that are regularly reviewed by the chief operating decision maker in order to allocate resources to the segment and to assess its performance. The chief operating decision maker has been identified as the Board of Directors.

**(h) Investments in associates and jointly controlled entities**

Associates are those entities in which the consolidated entity has significant influence, but not control, over the financial and operating policies. Significant influence generally exists when the consolidated entity holds between 20% and 50% of the voting power of another entity. Jointly controlled entities are those entities over whose activities the consolidated entity has joint control, established by contractual agreement and requiring unanimous consent for strategic financial and operating decisions.

In the consolidated financial statements, investments in associates and jointly controlled entities are accounted for using the equity method, except when the investment is classified as held for sale, in which case it is accounted for in accordance with AASB 5 *Non-current Assets Held for Sale and Discontinued Operations*.

Under the equity method, investments in associates and jointly controlled entities are initially recognised in the consolidated statement of financial position at cost and adjusted thereafter to recognise the consolidated entity's share of the profit or loss and other comprehensive income of the associates and jointly controlled entities.

When the consolidated entity's share of losses in an associate or jointly controlled entity equals or exceeds its interest in that associate or jointly controlled entity, including any unsecured long-term receivables and loans, the consolidated entity does not recognise further losses, unless it has incurred legal or constructive obligations or made payments on behalf of the associate or the jointly controlled entity.

Any excess of the cost of acquisition over the consolidated entity's share of the net fair value of the identifiable assets, liabilities and contingent liabilities of the associate or jointly controlled entity recognised at the date of acquisition is recognised as goodwill, which is included within the carrying amount of the investment. Any excess of the consolidated entity's share of the net fair value of the identifiable assets, liabilities and contingent liabilities over the cost of acquisition, after reassessment, is recognised immediately in profit or loss.

The requirements of AASB 139 are applied to determine whether it is necessary to recognise any impairment loss with respect to the consolidated entity's investment in an associate or a jointly controlled entity. When necessary, the entire carrying amount of the investment (including goodwill) is tested for impairment in accordance with AASB 136 *Impairment of Assets* as a single asset by comparing its recoverable amount (higher of value in use and fair value less costs to sell) with its carrying amount. Any impairment loss recognised forms part of the carrying amount of the investment. Any reversal of that impairment loss is recognised in accordance with AASB 136 to the extent that the recoverable amount of the investment subsequently increases.

Unrealised gains on transactions between the consolidated entity and an associate or a jointly controlled entity are eliminated to the extent of the consolidated entity's interest in the associate or jointly controlled entity. Unrealised losses are also eliminated, but only to the extent that there is no evidence of an impairment.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 1 - Summary of significant accounting policies (cont'd)**

**(i) Jointly controlled operations and assets**

The consolidated entity has certain contractual arrangements with other venturers to engage in joint venture activities that do not give rise to a jointly controlled entity. These arrangements involve the joint ownership of assets dedicated to the purposes of the joint venture. The assets are used to derive benefits for the venturers.

The interests of the consolidated entity in unincorporated joint ventures are brought to account by recognising in the financial statements under the appropriate categories, the consolidated entity's proportionate share of joint venture revenues, expenses, assets and liabilities.

**(j) Foreign currency**

**Functional and presentation currency**

The functional and presentation currency of AGL Energy Limited and its Australian subsidiaries is Australian dollars.

**Foreign currency transactions and balances**

Transactions in foreign currencies are initially recorded in the functional currency by applying the exchange rates ruling at the date of the transaction. Monetary assets and liabilities denominated in foreign currencies are retranslated at the exchange rate ruling at the end of the reporting period.

Non-monetary items carried at fair value that are denominated in foreign currencies are retranslated at the exchange rates ruling at the date when the fair value was determined. Non-monetary items that are measured in terms of historical cost in a foreign currency are not retranslated.

Foreign exchange differences arising on translation are recognised in the income statement in the period in which they arise except for exchange differences on transactions entered into in order to hedge certain foreign currency risks (refer to Note 1(ab)).

**Foreign operations**

On consolidation, the assets and liabilities of the consolidated entity's foreign operations are translated into Australian dollars at exchange rates ruling at the end of the reporting period. Income and expense items are translated at the average exchange rates for the period. Exchange differences arising on translation are recognised directly in equity in the foreign currency translation reserve. Such exchange differences are reclassified to profit or loss in the period in which the foreign operation is disposed.

**(k) Cash and cash equivalents**

Cash and cash equivalents comprise cash at bank and on hand and short-term deposits with an original maturity of three months or less that are readily convertible to known amounts of cash and which are subject to an insignificant risk of changes in value.

For the purposes of the statement of cash flows, cash and cash equivalents consist of cash and cash equivalents as defined above, net of outstanding bank overdrafts.

**(l) Trade and other receivables**

Trade and other receivables are recognised at amortised cost, less an allowance for doubtful debts. Trade receivables are generally due for settlement within 30 days.

Collectibility of trade receivables is reviewed on an ongoing basis. An allowance for doubtful debts is recognised when there is objective evidence that the consolidated entity will not be able to collect all amounts due.

Financial difficulties of the debtor, default payments or debts overdue are considered objective evidence of impairment. The amount of the allowance is the difference between the asset's carrying amount and the present value of estimated future cash flows.

The amount of the impairment loss is recognised in the income statement within other expenses. When a trade receivable is uncollectible, it is written off against the allowance account. Subsequent recoveries of amounts previously written off are credited against other expenses in the income statement.

Unbilled revenue represents estimated gas and electricity services supplied to customers but unbilled at the end of the reporting period.

**(m) Inventories**

Stocks and materials are valued at the lower of cost and estimated net realisable value. Costs, including an appropriate portion of fixed and variable overhead expenses, are assigned to inventory on hand by the method most appropriate to each particular class of inventory, with the majority being valued on a first-in-first-out basis. Finished goods includes gas inventory.



**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 1 - Summary of significant accounting policies (cont'd)**

**(n) Financial assets**

All financial assets are recognised and derecognised on trade date where the purchase or sale of a financial asset is under a contract whose terms require delivery of the financial asset within the timeframe established by the market concerned, and are initially measured at fair value, plus transaction costs, except for those financial assets classified as at fair value through profit or loss, which are initially measured at fair value.

Financial assets are classified into the following specified categories: financial assets 'at fair value through profit or loss', 'available-for-sale' financial assets, and 'loans and receivables'. The classification depends on the nature and purpose of the financial assets and is determined at the time of initial recognition.

**Financial assets at fair value through profit or loss**

Financial assets classified as held for trading are included in the category 'financial assets at fair value through profit or loss'. Financial assets are classified as held for trading if acquired principally for the purpose of selling in the short-term. Derivatives are also classified as held for trading unless they are designated as effective hedging instruments. Gains or losses on financial assets held for trading are recognised in profit or loss and the related assets are classified as current assets in the statement of financial position. Fair value is determined in the manner described in Note 53.

**Available-for-sale financial assets**

Listed shares held by the consolidated entity that are traded in an active market are classified as available-for-sale and are stated at fair value. Fair value is determined in the manner described in Note 53. Gains and losses arising from changes in fair value are recognised directly in other comprehensive income and accumulated in the investments revaluation reserve, with the exception of impairment losses, which are recognised in profit or loss. Where the investment is disposed of or is determined to be impaired, the cumulative gain or loss previously accumulated in the investments revaluation reserve is reclassified to profit or loss.

**Loans and receivables**

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. Loans and receivables are measured at amortised cost using the effective interest method, less any impairment. They are included in current assets, except for those with maturities greater than 12 months after the end of the reporting period which are classified as non-current assets. Loans and receivables are included in trade and other receivables and other financial assets in the statement of financial position.

**Impairment of financial assets**

Financial assets, other than those at fair value through profit or loss, are assessed for indicators of impairment at the end of each reporting period. Financial assets are considered to be impaired where there is objective evidence that, as a result of one or more events that occurred after the initial recognition of the financial asset, the estimated future cash flows of the asset have been affected.

For financial assets measured at amortised cost, the amount of the impairment loss recognised in profit or loss is the difference between the asset's carrying amount and the present value of estimated future cash flows, discounted at the financial asset's original effective interest rate. Impairment of trade receivables is recognised in accordance with the accounting policy set out in Note 1(l). When an available-for-sale financial asset is considered to be impaired, cumulative gains or losses previously recognised in other comprehensive income are reclassified to profit or loss.

With the exception of available-for-sale equity instruments, if, in a subsequent period, the amount of the impairment loss decreases and the decrease can be related objectively to an event occurring after the impairment was recognised, the previously recognised impairment loss is reversed through profit or loss.

In respect of available-for-sale equity instruments, impairment losses previously recognised in profit or loss are not reversed through profit or loss. Any increase in fair value subsequent to an impairment loss is recognised in other comprehensive income.

**Derecognition of financial assets**

Financial assets are derecognised when the rights to receive cash flows from the financial assets has expired or when the consolidated entity transfers substantially all the risks and rewards of the financial assets. If the consolidated entity neither retains nor transfers substantially all of the risks and rewards of ownership, it derecognises the asset if it has transferred control of the assets.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 1 - Summary of significant accounting policies (cont'd)**

**(o) Non-current assets and disposal groups held for sale**

Non-current assets and disposal groups are classified as held for sale if their carrying amount will be recovered principally through a sale transaction rather than through continuing use. This condition is regarded as met only when the sale is highly probable and the non-current asset or disposal group is available for immediate sale in its present condition. Management must be committed to the sale, which should be expected to qualify for recognition as a completed sale within one year from the date of classification.

Non-current assets (including those that are part of a disposal group) are not depreciated or amortised while they are classified as held for sale. Non-current assets and disposal groups classified as held for sale are measured at the lower of their previous carrying amount and fair value less costs to sell.

Non-current assets and the assets of a disposal group classified as held for sale are presented separately from the other assets on the face of the statement of financial position. The liabilities of a disposal group classified as held for sale are presented separately from other liabilities on the face of the statement of financial position.

**(p) Exploration and evaluation assets**

Exploration and evaluation expenditure incurred is accumulated in respect of each identifiable area of interest. An area of interest refers to an individual geological area where the presence of oil or a gas field is considered favourable or has been proved to exist, and in most cases will comprise an individual oil or gas field.

Exploration and evaluation expenditure is recognised as an exploration and evaluation asset in the year in which it is incurred, provided the rights to tenure of the area of interest are current and either:

- exploration and evaluation expenditure is expected to be recovered through successful development and exploration of the area of interest, or alternatively, by its sale; or
- exploration and evaluation activities in the area of interest have not, at the end of the reporting period, reached a stage which permits reasonable assessment of the existence of economically recoverable reserves and active and significant operations in, or in relation to, the area of interest are continuing.

Exploration and evaluation assets are initially measured at cost and include acquisition of rights to explore, studies, exploratory drilling, trenching and sampling and associated activities. General and administrative costs are only included in the measurement of exploration and evaluation costs where they are related directly to operational activities in a particular area of interest.

The carrying amounts of the consolidated entity's exploration and evaluation assets are reviewed at the end of each reporting period, in conjunction with the impairment review process referred to in Note 1(u), to determine whether there is any indication that the assets have suffered an impairment loss.

When an oil or gas field has been approved for development, the accumulated exploration and evaluation expenditure is transferred to oil and gas assets.

**(q) Oil and gas assets**

***Assets in development***

The costs of oil and gas assets in development are separately accounted for and include past exploration and evaluation costs, development drilling and other subsurface expenditure, surface plant and equipment and any associated land and buildings. When commercial operation commences, the accumulated costs are transferred to oil and gas assets - producing assets.

***Producing assets***

The costs of oil and gas assets in production are separately accounted for and include past exploration and evaluation costs, past development costs and the ongoing costs of continuing to develop reserves for production and to expand or replace plant and equipment and any associated land and buildings.

When production commences, the accumulated costs for the relevant area of interest are amortised over the life of the area according to the rate of depletion of the economically recoverable reserves.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 1 - Summary of significant accounting policies (cont'd)**

**(r) Property, plant and equipment**

Property, plant and equipment is stated at cost less accumulated depreciation and accumulated impairment losses.

Cost includes expenditure that is directly attributable to the acquisition or construction of the asset. Finance costs related to the acquisition or construction of qualifying assets are capitalised. Cost may also include transfers from other comprehensive income of any gain or loss on qualifying cash flow hedges of foreign currency purchases of property, plant and equipment.

Subsequent costs are included in the asset's carrying amount or recognised as a separate asset, as appropriate, only when it is probable that future economic benefits associated with the item will flow to the consolidated entity and the cost of the item can be measured reliably. All other repairs and maintenance are recognised in profit or loss as incurred.

The gain or loss arising on disposal or retirement of an item of property, plant and equipment is determined as the difference between the sales proceeds and the carrying amount of the asset and is recognised in profit or loss.

Depreciation is provided on property, plant and equipment, including freehold buildings but excluding land. Depreciation is calculated on a straight-line basis so as to write off the cost of each asset over its expected useful life to its estimated residual value. Leasehold improvements are amortised over the period of the relevant lease or estimated useful life, whichever is the shorter.

The estimated useful lives, residual values and depreciation method are reviewed, and adjusted if appropriate at the end of each annual reporting period.

The following estimated useful lives are used in the calculation of depreciation:

Freehold buildings	- 50 years
Leasehold improvements	- lesser of lease period or 20 years
Plant and equipment	- 3 to 25 years or relevant units of use

**(s) Leased assets**

Leases are classified as finance leases whenever the terms of the lease transfer substantially all the risks and rewards of ownership of the leased asset to the lessee. All other leases are classified as operating leases.

Assets held under finance leases are initially recognised as assets of the consolidated entity at their fair value at the inception of the lease or, if lower, at the present value of the minimum lease payments. The corresponding liability to the lessor is included in the statement of financial position as a finance lease liability.

Lease payments are apportioned between finance charges and reduction of the lease liability so as to achieve a constant rate of interest on the remaining balance of the liability. Finance charges are recognised as an expense in the income statement.

Assets held under finance leases are depreciated over their expected useful lives on the same basis as owned assets or, where shorter, the term of the relevant lease.

Operating lease payments are recognised as an expense on a straight-line basis over the lease term, except where another systematic basis is more representative of the time pattern in which economic benefits from the leased asset are consumed. Contingent rentals arising under operating leases are recognised as an expense in the period in which they are incurred.

In the event that lease incentives are received to enter into operating leases, such incentives are recognised as a liability. The aggregate benefit of incentives is recognised as a reduction of rental expense on a straight-line basis, except where another systematic basis is more representative of the time pattern in which economic benefits from the leased asset are consumed.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 1 - Summary of significant accounting policies (cont'd)**

**(t) Intangible assets**

Intangible assets acquired separately or in a business combination are initially measured at cost. The cost of an intangible asset acquired in a business combination is its fair value at the date of acquisition. Following initial recognition, intangible assets are carried at cost less any accumulated amortisation and any accumulated impairment losses.

The useful lives of intangible assets are assessed to be either finite or indefinite. Intangible assets with finite lives are amortised over their estimated useful life and tested for impairment whenever there is an indication that the intangible asset may be impaired. The estimated useful life and amortisation method are reviewed at the end of each annual reporting period.

An intangible asset is derecognised on disposal, or when no future economic benefits are expected from use or disposal. Gains or losses arising from derecognition of an intangible asset, measured as the difference between the net disposal proceeds and the carrying amount of the asset are recognised in profit or loss when the asset is derecognised.

**Goodwill**

Goodwill arising on an acquisition of a business is carried at cost as established at the date of the acquisition of the business (refer Note 1(f) above) less accumulated impairment losses, if any.

For the purpose of impairment testing, goodwill is allocated to each of the consolidated entity's cash-generating units expected to benefit from the synergies of the combination.

A cash-generating unit to which goodwill has been allocated is tested for impairment annually, or more frequently when there is indication that the unit may be impaired. If the recoverable amount of the cash-generating unit is less than its carrying amount, the impairment loss is allocated first to reduce the carrying amount of any goodwill allocated to the unit and then to the other assets of the unit pro rata based on the carrying amount of each asset in the unit. Any impairment loss for goodwill is recognised directly in profit or loss in the consolidated income statement. An impairment loss recognised for goodwill is not reversed in subsequent periods.

On disposal of the relevant cash-generating unit, the attributable amount of goodwill is included in the determination of the profit or loss on disposal.

**Licences**

Licences are carried at cost less any accumulated impairment losses. Licences are considered to have indefinite useful lives, as they were either granted in perpetuity, or there is evidence that the licences will be renewed beyond the initial term and the cost of renewal is not significant. Licences with indefinite useful lives are not amortised, but are tested for impairment annually, or more frequently if events or changes in circumstances indicate that they might be impaired. Any impairment loss is recognised immediately in profit or loss.

**Customer relationships and contracts**

Customer relationships and contracts acquired in a business combination are carried at cost less accumulated amortisation and any accumulated impairment losses. Amortisation is recognised as an expense on a straight-line basis over the period during which economic benefits are expected to be received.

The direct costs of establishing customer contracts are recognised as an asset when they relate to a specific customer acquisition campaign. The direct costs are amortised over the minimum contract term. Direct costs include customer acquisition fees paid to channel partners and upfront account purchase payments. All other customer acquisition costs are expensed as incurred.

**(u) Impairment of non-financial assets excluding goodwill**

At the end of each reporting period, the consolidated entity reviews the carrying amounts of its assets to determine whether there is any indication that those assets have suffered an impairment loss. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss (if any). Where it is not possible to estimate the recoverable amount of an individual asset, the consolidated entity estimates the recoverable amount of the cash-generating unit to which the asset belongs.

Intangible assets with indefinite useful lives are tested for impairment at least annually and whenever there is an indication that the asset may be impaired.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 1 - Summary of significant accounting policies (cont'd)**

**(u) Impairment of non-financial assets excluding goodwill (cont'd)**

Recoverable amount is the higher of fair value less costs to sell and value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset for which the estimates of future cash flows have not been adjusted.

If the recoverable amount of an asset (or cash-generating unit) is estimated to be less than its carrying amount, the carrying amount of the asset (or cash-generating unit) is reduced to its recoverable amount. An impairment loss is recognised immediately in profit or loss, unless the relevant asset is carried at a revalued amount, in which case the impairment loss is treated as a revaluation decrease.

Where an impairment loss subsequently reverses, the carrying amount of the asset (or cash-generating unit) is increased to the revised estimate of its recoverable amount, but so that the increased carrying amount does not exceed the carrying amount that would have been determined had no impairment loss been recognised for the asset (or cash-generating unit) in prior years. A reversal of an impairment loss is recognised immediately in profit or loss, unless the relevant asset is carried at a revalued amount, in which case the reversal of the impairment loss is treated as a revaluation increase.

**(v) Trade and other payables**

Trade and other payables represent liabilities for goods and services provided to the consolidated entity prior to the end of the reporting period that are unpaid and arise when the consolidated entity becomes obliged to make future payments in respect of the purchase of these goods and services. The amounts are unsecured and are usually paid within 30 days of recognition.

**(w) Borrowings**

Borrowings are initially recognised at fair value of the consideration received, net of transaction costs incurred. After initial recognition, borrowings are subsequently measured at amortised cost using the effective interest method.

Borrowings are classified as current liabilities unless the consolidated entity has an unconditional right to defer settlement of the liability for at least 12 months after the end of the reporting period.

**(x) Employee benefits**

A liability is recognised for benefits accruing to employees in respect of wages and salaries, annual leave, long service leave and sick leave when it is probable that settlement will be required and they are capable of being measured reliably.

Liabilities recognised in respect of short-term employee benefits, are measured at their nominal values using the remuneration rate expected to apply at the time of settlement.

Liabilities recognised in respect of long-term employee benefits, are measured as the present value of the estimated future cash outflows to be made by the consolidated entity in respect of services provided by employees up to the end of the reporting period.

**Defined contribution superannuation plans**

Contributions to defined contribution superannuation plans are recognised as an expense when employees have rendered service entitling them to the contributions.

**Defined benefit superannuation plans**

For defined benefit superannuation plans, the cost of providing benefits is determined using the projected unit credit method, with actuarial valuations being carried out at the end of each reporting period. Actuarial gains and losses are recognised directly in other comprehensive income, in the period in which they occur.

Past service cost is recognised immediately in profit or loss to the extent that the benefits are already vested, and otherwise is amortised on a straight-line basis over the average period until the benefits become vested.

The defined benefit superannuation plan asset or liability recognised in the statement of financial position represents the present value of the defined benefit obligation at the end of the reporting period less the fair value of the plan's assets at that date and any unrecognised past service cost. Any asset resulting from this calculation is limited to unrecognised actuarial losses and past service cost, plus the present value of available refunds and reductions in future contributions to the plan.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 1 - Summary of significant accounting policies (cont'd)**

**(y) Share-based payments**

The consolidated entity provides benefits to employees in the form of equity-settled share-based payments, whereby employees render services in exchange for shares or rights over shares.

The fair value of share performance rights (SPRs) granted to eligible employees under the AGL Long-Term Incentive Plan is recognised as an employee benefits expense, with a corresponding increase in the employee equity benefits reserve. The fair value is measured at grant date and recognised over the period during which the employees becomes unconditionally entitled to the SPRs. The fair value at grant date is determined by an independent valuer. Details regarding the determination of the fair value of share -based payment plans are set out in Note 49.

At the end of each reporting period, the consolidated entity revises its estimate of the number of SPRs expected to vest. The amount recognised as an expense is only adjusted when the SPRs do not vest due to non-market related conditions.

Under the AGL Share Reward Plan, shares are issued to eligible employees for no consideration and vest immediately on grant date. On this date, the market value of the shares issued is recognised as an employee benefits expense, with a corresponding increase in the employee equity benefits reserve.

**(z) Provisions**

Provisions are recognised when the consolidated entity has a present obligation (legal or constructive) as a result of a past event, it is probable that the consolidated entity will be required to settle the obligation, and a reliable estimate can be made of the amount of the obligation.

The amount recognised as a provision is the best estimate of the consideration required to settle the present obligation at the end of the reporting period, taking into account the risks and uncertainties surrounding the obligation. Where a provision is measured using the cash flows estimated to settle the present obligation, its carrying amount is the present value of those cash flows. The unwinding of the discount on the provision is recognised in the income statement as part of finance costs.

When some or all of the economic benefits required to settle a provision are expected to be recovered from a third party, a receivable is recognised as an asset if it is virtually certain that reimbursement will be received and the amount of the receivable can be measured reliably.

**Onerous contracts**

Present obligations arising under onerous contracts are recognised and measured as provisions. An onerous contract is considered to exist where the consolidated entity has a contract under which the unavoidable costs of meeting the obligations under the contract exceed the economic benefits expected to be received under it.

**Environmental restoration**

A provision for environmental restoration is recognised when there is a present obligation as a result of exploration, development and production activities having been undertaken, and it is probable that an outflow of economic benefits will be required to settle the obligation. The estimated future obligations include the costs of removing facilities and restoring the affected areas.

The provision for future restoration costs is the best estimate of the present value of the expenditure required to settle the restoration obligation at the end of the reporting period, based on current legal requirements and current technology. Future restoration costs are reviewed annually and any changes in the estimate are reflected in the present value of the restoration provision at the end of each reporting period.

The initial estimate of the environmental restoration provision relating to exploration, development and production facilities is capitalised into the cost of the related asset and depreciated/amortised on the same basis as the related asset. Changes in the estimate of the provision for environmental restoration are treated in the same manner, except that the unwinding of the effect of discounting on the provision is recognised as a finance cost rather than being capitalised into the cost of the related asset.

**Restructuring**

A restructuring provision is recognised when the consolidated entity has developed a detailed formal plan for the restructuring and has raised a valid expectation in those affected that it will carry out the restructuring by starting to implement the plan or announcing its main features to those affected by it. The measurement of a restructuring provision includes only the direct expenditures arising from the restructuring, which are those amounts that are both necessarily entailed by the restructuring and not associated with the ongoing activities of the entity.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 1 - Summary of significant accounting policies (cont'd)**

**(aa) Financial guarantee contracts**

Financial guarantee contracts are recognised as a financial liability at the time the guarantee is issued. The liability is initially measured at fair value and subsequently at the higher of the amount determined in accordance with AASB 137 *Provisions, Contingent Liabilities and Contingent Assets* and the amount initially recognised less cumulative amortisation, where appropriate.

**(ab) Derivative financial instruments and hedging**

The consolidated entity enters into a variety of derivative financial instruments to manage its exposure to interest rate, foreign exchange rate and energy price risks arising in the normal course of business. The use of derivatives is subject to policies, procedures and limits approved by the Board of Directors. Further details of derivative financial instruments are disclosed in Note 53.

Derivatives are initially recognised at fair value at the date the derivative contract is entered into and are subsequently remeasured to their fair value at the end of each reporting period. The resulting gain or loss is recognised in profit or loss immediately unless the derivative is designated and effective as a hedging instrument, in which event the timing of the recognition in profit or loss depends on the nature of the hedge relationship.

The consolidated entity designates certain derivatives as either hedges of the fair value of recognised assets or liabilities or firm commitments (fair value hedges), hedges of highly probable forecast transactions or hedges of foreign currency risk of firm commitments (cash flow hedges) or hedges of net investments in foreign operations. The consolidated entity currently does not have any net investment hedges. Derivatives that do not qualify for hedge accounting are required to be accounted for as trading instruments.

At the inception of the hedge relationship, the consolidated entity documents the relationship between the hedging instrument and hedged item, along with its risk management objectives and its strategy for undertaking various hedge transactions. Furthermore, at the inception of the hedge and on an ongoing basis, the consolidated entity documents whether the hedging instrument is highly effective in offsetting changes in fair values or cash flows of the hedged item.

A derivative with a positive fair value is recognised as a financial asset; a derivative with a negative fair value is recognised as a financial liability. A derivative is presented as a non-current asset or a non-current liability if the remaining maturity of the instrument is more than 12 months and it is not expected to be realised or settled within 12 months. Other derivatives are presented as current assets or current liabilities.

**Embedded derivatives**

Derivatives embedded in other financial instruments or other host contracts are treated as separate derivatives when their risks and characteristics are not closely related to those of the host contracts and the host contracts are not measured at fair value through profit or loss.

**Fair value hedges**

Changes in the fair value of derivatives that are designated and qualify as fair value hedges are recognised in profit or loss immediately, together with any changes in the fair value of the hedged asset or liability that are attributable to the hedged risk. The change in the fair value of the hedging instrument and the change in the hedged item attributable to the hedged risk are recognised in the line of the income statement relating to the hedged item.

Hedge accounting is discontinued when the consolidated entity revokes the hedging relationship, when the hedging instrument expires or is sold, terminated, or exercised, or when it no longer qualifies for hedge accounting. The fair value adjustment to the carrying amount of the hedged item arising from the hedged risk is amortised to profit or loss from that date.

**Cash flow hedges**

The effective portion of changes in the fair value of derivatives that are designated and qualify as cash flow hedges is recognised in other comprehensive income. The gain or loss relating to the ineffective portion is recognised immediately in profit or loss.

Amounts previously recognised in other comprehensive income and accumulated in equity are reclassified to profit or loss in the periods when the hedged item is recognised in profit or loss, in the same line of the income statement as the recognised hedged item. However, when the forecast transaction that is hedged results in the recognition of a non-financial asset or a non-financial liability, the gains and losses previously accumulated in equity are transferred from equity and included in the initial measurement of the cost of the non-financial asset or non-financial liability.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 1 - Summary of significant accounting policies (cont'd)**

**(ab) Derivative financial instruments and hedging (cont'd)**

***Cash flow hedges (cont'd)***

Hedge accounting is discontinued when the consolidated entity revokes the hedging relationship, when the hedging instrument expires or is sold, terminated, or exercised, or when it no longer qualifies for hedge accounting. Any gain or loss accumulated in equity at that time remains in equity and is recognised when the forecast transaction is ultimately recognised in profit or loss. When a forecast transaction is no longer expected to occur, the gain or loss accumulated in equity is recognised immediately in profit or loss.

***Hedges of net investments in foreign operations***

Hedges of net investments in foreign operations are accounted for similarly to cash flow hedges. Any gain or loss on the hedging instrument relating to the effective portion of the hedge is recognised in other comprehensive income and accumulated in the foreign currency translation reserve. The gain or loss relating to the ineffective portion is recognised immediately in profit or loss.

Gains and losses on the hedging instrument relating to the effective portion of the hedge accumulated in the foreign currency translation reserve are reclassified to profit or loss when the foreign operation is disposed of.

***Derivatives that do not qualify for hedge accounting - economic hedges***

The consolidated entity has entered into certain derivative instruments for economic hedging purposes under the Board approved risk management policies which do not satisfy the requirements for hedge accounting under AASB 139 *Financial Instruments: Recognition and Measurement*. These derivatives are therefore required to be categorised as held for trading and are classified in the statement of financial position as economic hedges. Changes in the fair value of any derivative instrument that does not qualify for hedge accounting are recognised immediately in profit or loss.

**(ac) Issued capital**

Ordinary shares are classified as equity. Ordinary shares issued by the consolidated entity are recorded at the proceeds received, less transaction costs directly attributable to the issue of new shares, net of any tax effects.

**(ad) Revenue recognition**

Revenue is recognised and measured at the fair value of the consideration received or receivable to the extent it is probable that the economic benefits will flow to the consolidated entity and the revenue can be reliably measured.

Revenue from gas and electricity services supplied is recognised once the gas and electricity has been delivered to the customer and is measured through a regular review of usage meters. Customers are billed on a periodic and regular basis. At the end of each reporting period, gas and electricity revenue includes an accrual for energy delivered to customers but not yet billed (unbilled revenue).

Revenue from the provision of services, including revenue from construction contracts, represents consideration received or receivable determined, where appropriate, in accordance with the percentage of completion method, with the stage of completion of each contract determined by reference to the proportion that contract costs for work performed to date bears to the estimated total contract costs.

Revenue from the sale of crude oil is recognised after each shipment is loaded and title passes to the customer.

Dividend income is recognised when the consolidated entity's right to receive the payment is established.

**(ae) Net financing costs**

Interest income is recognised as it accrues in profit or loss, using the effective interest method.

Finance costs directly attributable to the acquisition, construction or production of qualifying assets, which are assets that necessarily take a substantial period of time to get ready for their intended use or sale, are added to the cost of those assets, until such time as the assets are substantially ready for their intended use or sale.

All other finance costs are recognised in profit or loss in the period in which they are incurred. Finance costs comprise interest expense on borrowings calculated using the effective interest method, amortisation of borrowing costs relating to long-term financing facilities, unwinding of the discount on provisions and gains and losses on certain hedging instruments that are recognised in profit or loss.



**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 1 - Summary of significant accounting policies (cont'd)**

**(af) Goods and services tax**

Revenue, expenses and assets are recognised net of the amount of goods and services tax (GST), except:

- where the amount of GST incurred is not recoverable from the taxation authority, it is recognised as part of the cost of acquisition of an asset or as part of an item of expense; or
- for receivables and payables which are recognised inclusive of GST.

The net amount of GST recoverable from, or payable to, the taxation authority is included as part of receivables or payables in the statement of financial position.

Cash flows are included in the statement of cash flows on a gross basis. The GST component of cash flows arising from investing and financing activities which is recoverable from, or payable to, the taxation authority is classified within operating cash flows.

**(ag) Income tax**

Income tax expense represents the sum of the tax currently payable and deferred tax.

**Current tax**

The tax currently payable is based on taxable profit for the year. Taxable profit differs from profit as reported in the consolidated income statement because of items of income or expense that are taxable or deductible in other years and items that are never taxable or deductible. The consolidated entity's liability for current tax is calculated using tax rates that have been enacted or substantively enacted by the end of the reporting period.

**Deferred tax**

Deferred tax is recognised on temporary differences between the carrying amounts of assets and liabilities in the financial statements and the corresponding tax bases used in the computation of taxable profit. Deferred tax liabilities are generally recognised for all taxable temporary differences. Deferred tax assets are generally recognised for all deductible temporary differences to the extent that it is probable that taxable profits will be available against which those deductible temporary differences can be utilised. Such deferred tax assets and liabilities are not recognised if the temporary difference arises from goodwill or from the initial recognition (other than in a business combination) of other assets and liabilities in a transaction that affects neither the taxable profit nor the accounting profit.

The carrying amount of deferred tax assets is reviewed at the end of each reporting period and reduced to the extent that it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered.

Deferred tax assets and liabilities are measured at the tax rates that are expected to apply in the period in which the liability is settled or the asset realised, based on tax rates (and tax laws) that have been enacted or substantively enacted by the end of the reporting period. The measurement of deferred tax liabilities and assets reflects the tax consequences that would follow from the manner in which the consolidated entity expects, at the end of the reporting period, to recover or settle the carrying amount of its assets and liabilities.

Deferred tax assets and liabilities are offset when there is a legally enforceable right to set off current tax assets against current tax liabilities and when they relate to income taxes levied by the same taxation authority and the consolidated entity intends to settle its current tax assets and liabilities on a net basis.

**Current and deferred tax for the period**

Current and deferred tax are recognised as an expense or income in profit or loss, except when they relate to items that are recognised outside profit or loss (whether in other comprehensive income or directly in equity), in which case the tax is also recognised outside profit or loss, or where they arise from the initial accounting for a business combination. In the case of a business combination, the tax effect is included in the accounting for the business combination.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 1 - Summary of significant accounting policies (cont'd)**

**(ag) Income tax (cont'd)**

***Tax consolidation***

The Parent Entity and its wholly-owned Australian resident subsidiaries formed a tax-consolidated group under Australian taxation law with effect from 25 October 2006 and are therefore taxed as a single entity from that date. AGL Energy Limited is the head entity in the tax-consolidated group.

Tax expense/income, deferred tax liabilities and deferred tax assets arising from temporary differences of the members of the tax-consolidated group are recognised in the separate financial statements of the members of the tax-consolidated group using the 'stand alone taxpayer' approach by reference to the carrying amounts in the separate financial statements of each entity and the tax values applying under tax consolidation. Current tax liabilities and assets and deferred tax assets arising from unused tax losses and tax credits of the members of the tax-consolidated group are recognised by the Parent Entity (as head entity in the tax-consolidated group).

Due to the existence of a tax funding arrangement between the entities in the tax-consolidated group, amounts are recognised as payable to or receivable by the Parent Entity and each member of the group in relation to the tax contribution amounts paid or payable between the Parent Entity and the other members of the tax-consolidated group in accordance with the arrangement. Further information about the tax funding arrangement is detailed in Note 10 to the financial statements.

On 29 June 2012, AGL Generation Proprietary Limited, a subsidiary of AGL Energy Limited (AGL), acquired the remaining 67.46% of the shares in, and loan notes issued by, Great Energy Alliance Corporation Pty Limited (GEAC) and 100% of the shares in Loy Yang Marketing Holdings Pty Limited (LYMH) which it did not already own. GEAC, LYMH and their subsidiaries are not eligible to be members of the existing AGL tax-consolidated group. On 23 July 2012, the LYMH entities joined a new tax-consolidated group which was formed by AGL Generation Holdco Pty Ltd, a subsidiary of AGL. On 27 July 2012, the GEAC entities joined the new tax-consolidated group. AGL Generation Holdco Pty Ltd is the head entity in the new tax-consolidated group.

**(ah) Earnings per share**

Basic earnings per share is determined by dividing the profit for the year attributable to owners of AGL Energy Limited, by the weighted average number of ordinary shares outstanding during the period.

Diluted earnings per share is determined by dividing the profit for the year attributable to owners of AGL Energy Limited, by the weighted average number of ordinary shares outstanding during the period and dilutive potential ordinary shares.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 1 - Summary of significant accounting policies (cont'd)**

**(ai) Standards and Interpretations in issue not yet adopted**

A number of Australian Accounting Standards have been issued by the AASB but are not effective for the year ended 30 June 2012, but will be applicable to the consolidated entity in future reporting periods.

- AASB 9 *Financial Instruments*, AASB 2009-11 *Amendments to Australian Accounting Standards arising from AASB 9* and AASB 2010-7 *Amendments to Australian Accounting Standards arising from AASB 9* (December 2010) are expected to be effective for annual reporting periods beginning on or after 1 January 2015 (previously 1 January 2013).

The IASB has deferred the application date for the international equivalent to AASB 9, IFRS 9, until 1 January 2015. As a result, the AASB has issued a related exposure draft, ED 215 *Mandatory Effective Date of IFRS 9*. This proposed amendment to AASB 9 is in pending status at the reporting date.

AASB 9 *Financial Instruments* and its associated amending Standards introduce new requirements for the classification and measurement of financial assets and financial liabilities and for derecognition.

AASB 9 requires all recognised financial assets that are within the scope of AASB 139 *Financial Instruments: Recognition and Measurement* to be subsequently measured at amortised cost or fair value.

The most significant effect of AASB 9 regarding the classification and measurement of financial liabilities relates to the accounting for changes in fair value of a financial liability (designated as at fair value through profit or loss) attributable to changes in the credit risk of that liability. For financial liabilities designated at fair value, the portion of the change in fair value due to changes in own credit risk now generally must be presented in other comprehensive income, rather than through profit or loss.

AASB 9 will be mandatory for the consolidated entity's 30 June 2016 financial statements. The potential impact on the consolidated entity's financial statements has not yet been determined.

- AASB 10 *Consolidated Financial Statements* is effective for annual reporting periods beginning on or after 1 January 2013.

AASB 10 requires a parent to present consolidated financial statements as those of a single economic entity, replacing the requirements previously contained in AASB 127 *Consolidated and Separate Financial Statements* and Interpretation 112 *Consolidation - Special Purpose Entities*.

AASB 10 identifies the principles of control, determines how to identify whether an investor controls an investee and therefore must consolidate the investee, and sets out the principles for the preparation of consolidated financial statements.

The Standard introduces a single consolidation model for all entities based on control, irrespective of the nature of the investee (i.e. whether an entity is controlled through voting rights of investors or through other contractual arrangements as is common in 'special purpose entities').

AASB 10 will be mandatory for the consolidated entity's 30 June 2014 financial statements. The potential impact on the consolidated entity's financial statements has not yet been determined.

- AASB 11 *Joint Arrangements* is effective for annual reporting periods beginning on or after 1 January 2013.

AASB 11 replaces AASB 131 *Interests in Joint Ventures*. Requires a party to a joint arrangement to determine the type of joint arrangement in which it is involved by assessing its rights and obligations and then account for those rights and obligations in accordance with that type of joint arrangement. Joint arrangements are either joint operations or joint ventures.

A joint operation is a joint arrangement whereby the parties that have joint control of the arrangement (joint operators) have rights to the assets, and obligations for the liabilities, relating to the arrangement. Joint operators recognise their assets, liabilities, revenue and expenses in relation to its interest in a joint operation (including their share of any such items arising jointly).

A joint venture is a joint arrangement whereby the parties that have joint control of the arrangement (joint venturers) have rights to the net assets of the arrangement. A joint venturer applies the equity method of accounting for its investment in a joint venture in accordance with AASB 128 *Investments in Associates and Joint Ventures (2011)*.

AASB 11 will be mandatory for the consolidated entity's 30 June 2014 financial statements. The potential impact on the consolidated entity's financial statements has not yet been determined.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 1 - Summary of significant accounting policies (cont'd)**

**(ai) Standards and Interpretations in issue not yet adopted (cont'd)**

- AASB 12 *Disclosure of Interests in Other Entities* is effective for annual reporting periods beginning on or after 1 January 2013.

AASB 12 requires the extensive disclosure of information that enables users of financial statements to evaluate the nature of, and risks associated with, interests in other entities and the effects of those interests on its financial position, financial performance and cash flows.

This new Standard contains the disclosure requirements for entities that have interests in subsidiaries, joint arrangements, associates and unconsolidated structured entities.

AASB 12 will be mandatory for the consolidated entity's 30 June 2014 financial statements. The potential impact on the consolidated entity's financial statements has not yet been determined.

- AASB 13 *Fair Value Measurement* and AASB 2011-8 *Amendments to Australian Accounting Standards arising from AASB 13* are effective for annual reporting periods beginning on or after 1 January 2013.

AASB 13 replaces the guidance on fair value measurement in existing AASB accounting literature with a single standard.

AASB 13 defines fair value, provides guidance on how to determine fair value and requires disclosures about fair value measurements. However, AASB 13 does not change the requirements regarding which items should be measured or disclosed at fair value.

AASB 13 will be mandatory for the consolidated entity's 30 June 2014 financial statements. The potential impact on the consolidated entity's financial statements has not yet been determined.

- AASB 119 *Employee Benefits (2011)* and AASB 2011-10 *Amendments to Australian Accounting Standards arising from AASB 119* are effective for annual reporting periods beginning on or after 1 January 2013.

The amendments to AASB 119 focus on but are not limited to the accounting for defined benefit plans. In addition it changes the definition of short-term and other long-term employee benefits and some disclosure requirements.

AASB 119 will be mandatory for the consolidated entity's 30 June 2014 financial statements. The potential impact on the consolidated entity's financial statements has not yet been determined.

- AASB 127 *Separate Financial Statements (2011)* is effective for annual reporting periods beginning on or after 1 January 2013.

Amended version of AASB 127 which now only deals with the requirements for separate financial statements, which have been carried over largely unamended from AASB 127 *Consolidated and Separate Financial Statements*. Requirements for consolidated financial statements are now contained in AASB 10 *Consolidated Financial Statements*.

The Standard requires that when an entity prepares separate financial statements, investments in subsidiaries, associates, and jointly controlled entities are accounted for either at cost, or in accordance with AASB 9 *Financial Instruments*.

The Standard also deals with the recognition of dividends, certain group reorganisations and includes a number of disclosure requirements.

AASB 127 will be mandatory for the consolidated entity's 30 June 2014 financial statements. The potential impact on the consolidated entity's financial statements has not yet been determined.

- AASB 128 *Investments in Associates and Joint Ventures (2011)* is effective for annual reporting periods beginning on or after 1 January 2013.

This Standard supersedes AASB 128 *Investments in Associates* and prescribes the accounting for investments in associates and sets out the requirements for the application of the equity method when accounting for investments in associates and joint ventures.

The Standard defines significant influence and provides guidance on how the equity method of accounting is to be applied. It also prescribes how investments in associates and joint ventures should be tested for impairment.

AASB 128 will be mandatory for the consolidated entity's 30 June 2014 financial statements. The potential impact on the consolidated entity's financial statements has not yet been determined.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 1 - Summary of significant accounting policies (cont'd)**

**(ai) Standards and Interpretations in issue not yet adopted (cont'd)**

- AASB 2011-7 *Amendments to Australian Accounting Standards arising from the Consolidation and Joint Arrangements Standards* is effective for annual reporting periods beginning on or after 1 January 2013.

AASB 2011-7 gives effect to many consequential amendments to a number of Standards and Interpretations arising from the issuance of the new consolidation and joint arrangements Standards.

The amendments, which will be mandatory for the consolidated entity's 30 June 2014 financial statements, are not expected to have any significant impact on the financial statements.

- AASB 2011-9 *Amendments to Australian Accounting Standards - Presentation of Items of Other Comprehensive Income* is effective for annual reporting periods beginning on or after 1 July 2012.

These amendments arise from the issuance of the IASB Standard *Presentation of Items of Other Comprehensive Income (Amendments to IAS 1)* in June 2011.

The amendments require entities to present separately the items of other comprehensive income that would be reclassified to profit or loss in the future if specific conditions are met from those that would never be reclassified to profit or loss. Tax on items in other comprehensive income is also required to be allocated on the same basis.

The amendments will be mandatory for the consolidated entity's 30 June 2013 financial statements. The potential impact on the consolidated entity's financial statements has not yet been determined.

In addition to the above recently issued Standards, the following new and amendments to Standards are also applicable in future years. It is not expected these Standards will materially impact the consolidated entity's financial statements upon adoption.

- AASB 1053 *Application of Tiers of Australian Accounting Standards* and AASB 2010-2 *Amendments to Australian Accounting Standards arising from Reduced Disclosure Requirements*
- AASB 2010-8 *Amendments to Australian Accounting Standards - Deferred Tax: Recovery of Underlying Assets*
- AASB 2011-4 *Amendments to Australian Accounting Standards to Remove Individual Key Management Personnel Disclosure Requirements*
- AASB 2012-2 *Amendments to Australian Accounting Standards - Disclosures - Offsetting Financial Assets and Financial Liabilities*
- AASB 2012-3 *Amendments to Australian Accounting Standards - Disclosures - Offsetting Financial Assets and Financial Liabilities*
- AASB 2012-5 *Amendments to Australian Accounting Standards arising from Annual Improvements 2009-2011 Cycle*

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2011**

**Note 2 - Significant accounting judgements, estimates and assumptions**

Management has identified the following critical accounting policies for which significant judgements, estimates and assumptions are made. Actual results may differ from these estimates under different assumptions and conditions and may materially affect financial results or the financial position reported in future periods.

**Impairment of goodwill and other intangibles with indefinite useful lives**

The consolidated entity determines whether goodwill and other intangibles with indefinite useful lives are impaired at least on an annual basis. This requires an estimation of the value in use of the recoverable amount of the cash-generating units, using a value in use discounted methodology, to which the goodwill and intangibles with indefinite useful lives are allocated. The assumptions used in the estimation of recoverable amount are discussed in Note 22.

**Business combinations**

Acquisitions of subsidiaries and businesses are accounted for using the acquisition method. This method requires the application of fair values for both the consideration given and the assets and liabilities acquired. The calculation of fair values is often based on estimates and judgements including future cash flows, revenue streams and value in use calculations.

**Allowance for doubtful debts**

The collectability of trade receivables is reviewed on an ongoing basis. An allowance for doubtful debts is established when there is objective evidence that the consolidated entity will not be able to collect all amounts due. Management uses its judgement in determining the level of doubtful debt provisioning, taking into account the historic analysis of bad debt trends and the prevailing economic conditions. Refer to Note 13 for further details.

**Unbilled revenue**

The consolidated entity recognises revenue from gas and electricity services once the gas and/or electricity has been consumed by the customer. Customers are billed on a periodic and regular basis. Management estimates customer consumption between the last invoice date and the end of the reporting period when determining gas and electricity revenue for the financial period. Various assumptions and financial models are used to determine the estimated unbilled consumption. The carrying amount of unbilled revenue is disclosed in Note 13.

**Exploration and evaluation expenditure**

The consolidated entity's policy for exploration and evaluation expenditure is stated in Note 1(p). The application of this policy requires management to make certain estimates and assumptions as to future events and circumstances, particularly in relation to the assessment of whether economic quantities of reserves have been found. Any such estimates and assumptions may change as new information becomes available. If, after having capitalised exploration and evaluation expenditure, management concludes that the capitalised expenditure is unlikely to be recovered by future exploitation or sale, then the relevant capitalised amount will be written off to the income statement.

**Fair value of financial instruments**

Management uses their judgement in selecting an appropriate valuation technique for financial instruments not quoted in an active market. Valuation techniques commonly used by market practitioners are applied. For derivative financial instruments, assumptions are made based on quoted market rates adjusted for specific features of the instrument. Other financial instruments are valued using a discounted cash flow analysis based on assumptions supported, where possible, by observable market prices and rates. Refer to Note 53 for further details.

**Provision for environmental restoration**

The consolidated entity estimates the future removal and restoration costs of electricity generation assets, oil and gas production facilities, wells, pipelines and related assets at the time of installation of the assets. In most instances, removal of these assets will occur many years into the future. The calculation of this provision requires management to make assumptions regarding the removal date, application of environmental legislation, the extent of restoration activities required and available technologies. The carrying amount of the provision for environmental restoration is disclosed in Note 31.

**Defined benefit superannuation plans**

Various actuarial assumptions are utilised in the determination of the consolidated entity's defined benefit obligations. These assumptions and the related carrying amounts are discussed in Note 48.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2011**

**Note 2 - Significant accounting judgements, estimates and assumptions (cont'd)**

**Share-based payment transactions**

The consolidated entity measures the cost of equity-settled transactions with employees by reference to the fair value of the equity instruments at the date at which they are granted. The fair value is determined by an external valuer using the Black-Scholes and Monte Carlo simulation methods, with the assumptions detailed in Note 49. The accounting estimates and assumptions relating to equity-settled share-based payments would have no impact on the carrying amounts of assets and liabilities within the next annual reporting period but may impact expenses and equity.

**Carbon price**

On 8 November 2011, the Federal Parliament passed the Clean Energy Legislative Package, which introduced a carbon price into the Australian economy from 1 July 2012 to reduce carbon pollution and move to a clean energy future.

The carbon pricing mechanism has a two phased approach: a fixed price mechanism, followed by an emission trading scheme (ETS). Under the carbon pricing scheme, as of 1 July 2012, every tonne of carbon dioxide equivalent (CO<sub>2</sub>-e) produced by approximately 500 of Australia's largest emitters will be priced at \$23 per tonne. For the first three years, the carbon price is fixed, rising annually by 2.5%. On 1 July 2015, the pricing mechanism will transition to the floating ETS.

To assist the electricity generation sector transition to lower carbon emissions and to maintain secure energy supplies, the Government established an Energy Security Fund. Under the Energy Security Fund, the Government is providing a total of \$5.5 billion in the form of cash and free carbon permits to highly emissions-intensive coal-fired generators, over six years. Cash payments of \$1 billion were made in June 2012 and eligible generators will share in four annual allocations of 41.7 million free carbon permits to the value of \$4.5 billion, commencing on 1 September 2013.

On 22 June 2012, Great Energy Alliance Corporation Pty Limited (GEAC), the owner of the Loy Yang A power station, received a coal-fired generation assistance cash payment of \$240.1 million from the Australian Government as part of this arrangement. GEAC, a subsidiary of AGL Energy Limited also anticipates receiving allocations of approximately 10 million free carbon permits on 1 September 2013, 2014, 2015 and 2016, respectively that is conditional on Loy Yang A satisfying a power system reliability test and publishing a Clean Energy Investment Plan.

The impact of the carbon price on the consolidated entity's future cash flows has been included in the estimation of the recoverable amount of the consolidated entity's cash-generating units when testing for impairment at 30 June 2012. The introduction of the carbon price does not impact on the consolidated entity's operating results for the year ended 30 June 2012.

**Note 3 - Correction of unbilled distribution liability**

During the year ended 30 June 2012 AGL completed Project Spectrum. Project Spectrum transferred AGL's business customers onto the same SAP billing platform as its consumer customers (excluding 118,600 Powerdirect customers). This single SAP billing platform has materially enhanced the granularity of analysis that is able to be performed on customer balances. Using this enhanced capability, AGL undertook a comprehensive review of debtors, unbilled sales, creditors and unbilled distribution costs.

This review highlighted that, in prior periods, AGL had consistently but incorrectly estimated period-end distribution liabilities by using a methodology to accrue distribution charges based on an estimated number of days not yet billed by the relevant distributor in each state. AGL believed that this estimate fully accounted for invoices relating to the relevant period end that had yet to be received. However, this estimate has never fully accounted for invoices received after the relevant period end relating to distribution charges incurred prior to the period end.

It has been impracticable to allocate the increased liability between opening balance liabilities arising from business acquisitions and increased expenses in prior periods. Accordingly, opening retained earnings for the year ended 30 June 2012 has been reduced by \$79.9 million as a result of an increase in the opening distribution liability of \$114.1 million and a net decrease in tax liabilities of \$34.2 million. Actual distribution expense for the year ended 30 June 2012 has been correctly reflected in current year operating profit.

# AGL Energy Limited and Subsidiaries

## Notes to the Consolidated Financial Statements

### For the year ended 30 June 2012

#### Note 4 - Segment information

##### Operating segments

The consolidated entity reports segment information on the same basis as the internal management reporting structure, which drives how the consolidated entity is organised and managed.

The consolidated entity has identified its operating segments based on the internal reports that are regularly reviewed and used by the Board of Directors (the chief operating decision maker) in assessing performance and in determining the allocation of resources. Management has determined the operating segments based on the manner in which products are sold, whether retail or wholesale, and the nature of the services provided.

From 1 July 2011, the following changes were made to the consolidated entity's operating segments:

- Business customers (formerly commercial and industrial) previously reported in the Retail Energy operating segment are now included in the Merchant Energy operating segment; and
- Certain administration costs (mainly finance and information technology) previously reported in the Retail Energy, Merchant Energy and Upstream Gas operating segments are now included in Other.

Segment results are reported according to the internal management reporting structure at the reporting date. Segment comparative information has been restated to reflect the changes described above.

The consolidated entity has four reportable operating segments as follows:

- **Retail Energy** is responsible for selling natural gas, electricity and energy-related products and services to residential and small business customers.
- **Merchant Energy** is responsible for developing, operating and maintaining power generation assets and managing the risks associated with the procurement and delivery of gas and electricity for its wholesale portfolio and for the Retail Energy segment. Merchant Energy also sells natural gas and electricity to business customers and also provides energy efficiency and carbon management services. Merchant Energy is also now responsible for managing and maintaining the Loy Yang A power station and adjacent brown coal mine.
- **Upstream Gas** Is responsible for investments and operations in gas exploration, development and production tenements, development and operation of gas storage facilities, as well as for exploration and development of geothermal renewable energy sources.
- **Energy Investments** includes equity accounted investments in the ActewAGL Retail Partnership and Diamantina Holding Company Pty Limited. The equity accounted investment in Great Energy Alliance Corporation Pty Limited (GEAC) was also included in this segment up until 29 June 2012, when AGL completed the acquisition of GEAC, increasing its ownership from 32.5% to 100%. GEAC owns the Loy Yang A power station and adjacent brown coal mine which are now reported in the Merchant Energy operating segment.

No operating segments have been aggregated to form the above reportable operating segments.

In the segment financial results, the 'Other' category consists of the various Corporate activities which includes the head office and central support functions. Corporate is not considered a reportable operating segment.

##### Segment financial results

The measurement of segment results is in line with the basis of information presented to the Board of Directors for internal management reporting purposes. The performance of each segment is measured based on their 'Operating EBIT contribution' to the consolidated entity. Certain items of income and expense are excluded from the segment results to show a measure of underlying performance. These items include changes in fair value of financial instruments and significant items.

Transfer prices between operating segments are on an arm's-length basis in a manner similar to transactions with third parties. Inter-segment revenue is eliminated on consolidation.

The accounting policies of the reportable segments are the same as the consolidated entity's accounting policies.

Information regarding the consolidated entity's reportable segments is presented below.



**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 4 - Segment information (cont'd)**

	Retail Energy \$m	Merchant Energy \$m	Upstream Gas \$m	Energy Investments \$m	Other \$m	Total \$m
<b>2012</b>						
<b>Revenue</b>						
Total segment revenue	4,194.3	4,955.7	80.1	-	0.1	9,230.2
Inter-segment revenue	-	(1,743.1)	(31.5)	-	-	(1,774.6)
<b>External revenue</b>	<b>4,194.3</b>	<b>3,212.6</b>	<b>48.6</b>	<b>-</b>	<b>0.1</b>	<b>7,455.6</b>
<b>Earnings before interest, tax, depreciation and amortisation (EBITDA)</b>	<b>391.9</b>	<b>628.5</b>	<b>20.6</b>	<b>24.5</b>	<b>(161.2)</b>	<b>904.3</b>
Depreciation and amortisation	(59.1)	(78.8)	(20.0)	-	(16.0)	(173.9)
<b>Operating EBIT</b>	<b>332.8</b>	<b>549.7</b>	<b>0.6</b>	<b>24.5</b>	<b>(177.2)</b>	<b>730.4</b>
Net financing costs						(51.2)
Underlying profit before income tax						679.2
Income tax expense						(197.2)
<b>Underlying profit</b>						<b>482.0</b>
<b>Segment assets</b>	<b>3,455.0</b>	<b>6,656.8</b>	<b>1,360.4</b>	<b>116.9</b>	<b>116.1</b>	<b>11,705.2</b>
<b>Segment liabilities</b>	<b>424.1</b>	<b>1,392.9</b>	<b>101.9</b>	<b>-</b>	<b>136.5</b>	<b>2,055.4</b>
<b>Other segment information</b>						
Share of profits of associates and jointly controlled entities	-	-	(0.1)	16.9	-	16.8
Investments in associates and jointly controlled entities	-	-	4.4	27.2	-	31.6
Additions to non-current assets	110.7	3,020.4	147.2	1.6	30.8	3,310.7
Other non-cash expenses	(61.7)	(5.2)	-	-	(6.4)	(73.3)
(Loss)/gain in fair value of financial instruments	-	(308.6)	-	4.0	-	(304.6)
Significant expense items	-	(15.9)	(35.8)	(157.0)	(3.0)	(211.7)

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 4 - Segment information (cont'd)**

	<b>Retail Energy \$m</b>	<b>Merchant Energy \$m</b>	<b>Upstream Gas \$m</b>	<b>Energy Investments \$m</b>	<b>Other \$m</b>	<b>Total \$m</b>
<b>2011</b>						
<b>Revenue</b>						
Total segment revenue	3,662.7	4,988.4	80.7	-	-	8,731.8
Inter-segment revenue	-	(1,627.8)	(31.5)	-	-	(1,659.3)
<b>External revenue</b>	<b>3,662.7</b>	<b>3,360.6</b>	<b>49.2</b>	<b>-</b>	<b>-</b>	<b>7,072.5</b>
<b>Earnings before interest, tax, depreciation and amortisation (EBITDA)</b>						
	348.9	522.3	35.8	40.5	(143.0)	804.5
Depreciation and amortisation	(43.8)	(69.1)	(21.5)	-	(13.6)	(148.0)
<b>Operating EBIT</b>	<b>305.1</b>	<b>453.2</b>	<b>14.3</b>	<b>40.5</b>	<b>(156.6)</b>	<b>656.5</b>
Net financing costs						(37.4)
Underlying profit before income tax						619.1
Income tax expense						(188.0)
<b>Underlying profit</b>						<b>431.1</b>
<b>Segment assets</b>	<b>3,219.7</b>	<b>3,704.6</b>	<b>1,278.9</b>	<b>351.0</b>	<b>91.8</b>	<b>8,646.0</b>
<b>Segment liabilities</b>	<b>213.7</b>	<b>773.1</b>	<b>83.8</b>	<b>-</b>	<b>107.7</b>	<b>1,178.3</b>
<b>Other segment information</b>						
Share of profits of associates and jointly controlled entities	-	-	0.5	33.1	-	33.6
Investments in associates and jointly controlled entities	-	-	4.4	236.3	-	240.7
Additions to non-current assets	81.1	317.3	277.5	-	27.9	703.8
Impairment losses	-	-	(0.2)	-	-	(0.2)
Other non-cash expenses	(58.4)	(4.2)	-	-	(2.0)	(64.6)
Gain in fair value of financial instruments	-	213.0	-	5.8	-	218.8
Significant expense items	(4.1)	(6.1)	-	-	(34.1)	(44.3)

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 4 - Segment information (cont'd)**

	2012 \$m	2011 \$m
<b>Segment revenue reconciliation to the income statement</b>		
Reconciliation of segment revenue to total revenue is as follows:		
Total segment revenue for reportable segments	9,230.1	8,731.8
Elimination of inter-segment revenue	(1,774.6)	(1,659.3)
Total revenue for reportable segments	7,455.5	7,072.5
Other	0.1	-
<b>Total revenue</b>	<b>7,455.6</b>	<b>7,072.5</b>
<b>Revenue from major products and services</b>		
The following is an analysis of the consolidated entity's revenue from its major products and services.		
Electricity	5,074.8	4,518.1
Gas	1,885.3	1,904.4
Generation sales to pool	204.7	256.5
Oil	4.3	3.8
Wind farm development fees	43.0	61.0
Green commodities scheme certificates	109.7	212.4
Management fees	11.6	10.9
Other goods and services revenue	120.6	104.7
Other revenue	1.6	0.7
<b>Total revenue</b>	<b>7,455.6</b>	<b>7,072.5</b>
<b>Segment Operating EBIT reconciliation to the income statement</b>		
Reconciliation of segment Operating EBIT to profit before tax is as follows:		
Operating EBIT for reportable segments	907.6	813.1
Other	(177.2)	(156.6)
	730.4	656.5
Amounts excluded from underlying results:		
- (loss)/gain in fair value of financial instruments	(304.6)	218.8
- significant expense items	(211.7)	(44.3)
Finance income included in Operating EBIT	(12.7)	(11.9)
Finance income	45.4	47.9
Finance costs	(83.9)	(73.4)
<b>Profit before tax</b>	<b>162.9</b>	<b>793.6</b>

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 4 - Segment information (cont'd)**

	2012 \$m	2011 \$m
<b>Segment assets reconciliation to the statement of financial position</b>		
Reconciliation of segment assets to total assets is as follows:		
Segment assets for reportable segments	11,589.1	8,554.2
Other	116.1	91.8
	<b>11,705.2</b>	8,646.0
Cash and cash equivalents	1,812.9	753.1
Deferred tax assets	611.1	-
Derivative financial instruments	609.2	296.6
<b>Total assets</b>	<b>14,738.4</b>	<b>9,695.7</b>
<b>Segment liabilities reconciliation to the statement of financial position</b>		
Reconciliation of segment liabilities to total liabilities is as follows:		
Segment liabilities for reportable segments	1,918.9	1,070.6
Other	136.5	107.7
	<b>2,055.4</b>	1,178.3
Borrowings	4,312.0	1,171.2
Current tax liabilities	11.0	167.2
Deferred tax liabilities	349.0	302.7
Derivative financial instruments	625.4	534.8
Deferred and contingent consideration liabilities	252.7	-
<b>Total liabilities</b>	<b>7,605.5</b>	<b>3,354.2</b>

**Geographical information**

The consolidated entity operates in one principal geographical area - Australia.

The total of non-current assets other than derivative financial instruments and deferred tax assets located in Australia is \$9,563.0 million (2011: \$6,910.5 million), and the total of non-current assets located in other countries is \$2.6 million (2011: \$3.1 million).

The total external revenue is all from customers located in Australia for both 2012 and 2011.

**Information about major customers**

No single customer amounts to 10% or more of the consolidated entity's total external revenue for both 2012 and 2011.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

	2012 \$m	2011 \$m
<b>Note 5 - Revenue</b>		
Revenue from sale of goods	7,288.9	6,898.7
Revenue from rendering of services	165.1	173.1
Other revenue		
Royalties	1.6	0.7
	<b>7,455.6</b>	<b>7,072.5</b>
<b>Note 6 - Other income</b>		
Gain on purchase of financial instruments	2.9	-
	<b>2.9</b>	<b>-</b>
<b>Note 7 - Expenses</b>		
Cost of sales	5,918.4	5,706.4
Loss/(gain) in fair value of electricity derivatives - economic hedges	304.6	(218.8)
	<b>6,223.0</b>	<b>5,487.6</b>
Administrative expenses	165.0	148.9
Employee benefits expense	356.4	330.6
Other expenses		
Impairment loss on trade receivables (net of bad debts recovered)	55.7	51.0
Impairment loss on exploration and evaluation assets	35.8	-
Impairment loss on available-for-sale equity investment	-	0.2
Loss on remeasurement to fair value of pre-existing equity interest in an acquired entity (Note 43)	120.7	-
Cumulative loss reclassified from equity of pre-existing equity interest in an acquired entity (Note 43)	36.3	-
Merger and acquisition related costs	12.9	17.3
Redundancy, termination, integration and restructure costs	8.9	27.0
Net loss on disposal of exploration and evaluation assets	1.1	-
Net loss on disposal of oil and gas assets	0.1	-
Net loss on disposal of property, plant and equipment	0.3	3.5
Operating lease rental expenses	20.4	20.9
Other	63.4	52.0
	<b>7,100.0</b>	<b>6,139.0</b>
<b>Note 8 - Net financing costs</b>		
<b>Finance income</b>		
Interest income		
Associates and jointly controlled entities	14.0	10.7
Other entities	31.4	37.2
	<b>45.4</b>	<b>47.9</b>
<b>Finance costs</b>		
Interest expense		
Other entities	94.2	75.1
Finance costs capitalised	(26.8)	(15.4)
Unwinding of discounts on provisions	10.7	11.4
Unwinding of discount on contingent consideration	0.2	-
Other finance costs	5.6	2.3
	<b>83.9</b>	<b>73.4</b>
<b>Net financing costs</b>	<b>38.5</b>	<b>25.5</b>

The weighted average capitalisation rate on funds borrowed for finance costs capitalised is 7.25% (2011: 6.54%).

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
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	2012 \$m	2011 \$m
<b>Note 9 - Profit before income tax</b>		
Profit before income tax has been arrived at after charging the following expenses.		
Depreciation and amortisation		
Property, plant and equipment	118.2	104.2
Oil and gas assets	15.8	17.0
Intangible assets	34.1	21.0
Other	5.8	5.8
	<b>173.9</b>	<b>148.0</b>
Employee benefits expense		
Wages and salaries	300.6	277.5
Defined benefit superannuation plans	1.6	2.1
Defined contribution superannuation plans	15.8	14.4
Share-based payment plans	6.4	2.0
Other employee benefits	32.0	34.6
	<b>356.4</b>	<b>330.6</b>
<b>Significant expense/(income) items before income tax</b>		
Impairment loss on exploration and evaluation assets	35.8	-
Loss on remeasurement to fair value of pre-existing equity interest in an acquired entity	120.7	-
Cumulative loss reclassified from equity of pre-existing equity interest in an acquired entity	36.3	-
Merger and acquisition related costs	12.9	17.3
Redundancy, termination, integration and restructure costs	8.9	27.0
Gain on purchase of financial instruments	(2.9)	-
	<b>211.7</b>	<b>44.3</b>
<b>Income tax (income)/expense applicable:</b>		
Impairment loss on exploration and evaluation assets	(9.2)	-
Loss on remeasurement to fair value of pre-existing equity interest in an acquired entity	-	-
Cumulative loss reclassified from equity of pre-existing equity interest in an acquired entity	-	-
Merger and acquisition related costs	-	(4.2)
Redundancy, termination, integration and restructure costs	(2.5)	(7.3)
Gain on purchase of financial instruments	0.9	-
	<b>(10.8)</b>	<b>(11.5)</b>
Recognition of a deferred tax asset due to the changes to the Petroleum Resource Rent Tax Legislation to cover onshore oil and gas projects	(53.4)	-
Effect of change in income tax treatment for surrender obligations under various green product schemes	7.6	-
Effect of retrospective changes to Tax Consolidation Legislation	-	(5.5)
	<b>(56.6)</b>	<b>(17.0)</b>
<b>Significant expense items after income tax</b>	<b>155.1</b>	<b>27.3</b>

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

	2012 \$m	2011 \$m
<b>Note 10 - Income tax</b>		
<b>Income tax recognised in the income statement</b>		
The major components of income tax expense are:		
<b>Current tax</b>		
Current tax expense in respect of the current year	104.3	141.5
Adjustments in relation to current tax of prior years	(11.1)	(6.0)
Effect of retrospective changes to Tax Consolidation Legislation	-	(5.5)
<b>Deferred tax</b>		
Relating to the origination and reversal of temporary differences	8.2	104.9
Effect on deferred tax balances due to changes to the Petroleum Resource Rent Tax Legislation	(53.4)	-
<b>Total income tax expense</b>	<b>48.0</b>	<b>234.9</b>
<b>Numerical reconciliation between tax expense and pre-tax accounting profit</b>		
The prima facie income tax expense on pre-tax accounting profit reconciles to the income tax expense in the financial statements as follows:		
Profit before tax	162.9	793.6
Income tax expense calculated at the Australian tax rate of 30% (2011: 30%)	48.9	238.1
Impairment loss on exploration and evaluation assets	1.5	-
Non-deductible expenses	11.6	7.5
Gain on disposal of businesses and subsidiaries	-	1.9
Share of profits of associates and jointly controlled entities	3.4	(1.1)
Loss on remeasurement to fair value of pre-existing equity interest in an acquired entity	36.2	-
Cumulative loss reclassified from equity of pre-existing equity interest in an acquired entity	10.9	-
Effect on deferred tax balances due to changes to the Petroleum Resource Rent Tax Legislation	(53.4)	-
Effect of retrospective changes to Tax Consolidation Legislation	-	(5.5)
Adjustments in relation to current tax of prior years	(11.1)	(6.0)
	<b>48.0</b>	<b>234.9</b>
<b>Income tax recognised directly in equity</b>		
<b>Current tax</b>		
Share issue transaction costs	(1.3)	-
<b>Deferred tax</b>		
Share issue transaction costs	(5.2)	-
	<b>(6.5)</b>	<b>-</b>
<b>Income tax recognised in other comprehensive income</b>		
<b>Deferred tax</b>		
Cash flow hedges	51.1	21.1
Actuarial (loss)/gain on defined benefit plans	(21.0)	1.1
	<b>30.1</b>	<b>22.2</b>
<b>Current tax liabilities</b>		
Income tax payable	11.0	167.2

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

	2012 \$m	2011 \$m
<b>Note 10 - Income tax (cont'd)</b>		
<b>Deferred income tax recognised in the income statement</b>		
<b>Temporary differences</b>		
Unbilled revenue	39.2	9.8
Allowance for doubtful debts	(3.2)	(0.3)
Other receivables	(8.0)	0.9
Jointly controlled entities	(13.9)	2.1
Exploration and evaluation assets	12.2	6.4
Oil and gas assets	7.8	7.4
Property, plant and equipment	37.1	19.4
Intangible assets	7.1	-
Defined benefit superannuation plans	2.5	2.8
Payables and accruals	8.8	(0.5)
Provisions	5.8	(1.1)
Derivative financial instruments	(92.9)	64.1
Deferred revenue	2.0	(6.0)
Share issue transaction costs	1.3	1.3
Other	2.4	(1.4)
	<b>8.2</b>	<b>104.9</b>
<b>Deferred tax balances</b>		
<b>Deferred tax assets/(liabilities) arise from the following:</b>		
Unbilled revenue	(254.2)	(208.4)
Allowance for doubtful debts	22.6	19.4
Other receivables	(0.3)	(9.8)
Jointly controlled entities	8.3	(7.2)
Exploration and evaluation assets	(158.4)	(154.2)
Oil and gas assets	(16.3)	(34.2)
Property, plant and equipment	(301.9)	(109.2)
Intangible assets	(10.1)	-
Defined benefit superannuation plans	67.1	12.2
Payables and accruals	5.2	40.7
Borrowings	(3.0)	-
Provisions	107.0	71.0
Derivative financial instruments	10.8	57.0
Deferred revenue	74.7	6.5
Share issue transaction costs	5.2	-
Tax losses	654.8	11.5
Other	(2.8)	2.0
Net deferred tax assets/(liabilities) relating to income tax	208.7	(302.7)
Deferred tax assets relating to resource rent tax	53.4	-
<b>Net deferred tax assets/(liabilities)</b>	<b>262.1</b>	<b>(302.7)</b>
<b>Recognised in the statement of financial position as follows:</b>		
Deferred tax assets	611.1	-
Deferred tax liabilities	(349.0)	(302.7)
<b>Net deferred tax assets/(liabilities)</b>	<b>262.1</b>	<b>(302.7)</b>
<b>Unrecognised deferred tax assets</b>		
Deductible temporary differences	-	55.0



**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 10 - Income tax (cont'd)**

**Tax consolidation**

The Parent Entity and its wholly-owned Australian resident subsidiaries formed a tax-consolidated group under Australian taxation law with effect from 25 October 2006 and are therefore taxed as a single entity from that date. AGL Energy Limited is the head entity in the tax-consolidated group.

The members of the tax-consolidated group have entered into a tax sharing and tax funding agreement. The tax funding agreement requires payments to/from the head entity equal to the current tax liability (asset) assumed by the head entity and any tax-loss deferred tax asset assumed by the head entity. The payments are recorded as intercompany receivables/payables.

On 29 June 2012, AGL Generation Proprietary Limited, a subsidiary of AGL Energy Limited (AGL), acquired the remaining 67.46% of the shares in, and loan notes issued by, Great Energy Alliance Corporation Pty Limited (GEAC) and 100% of the shares in Loy Yang Marketing Holdings Pty Limited (LYMH) which it did not already own. GEAC, LYMH and their subsidiaries are not eligible to be members of the existing AGL tax-consolidated group. On 23 July 2012, the LYMH entities joined a new tax-consolidated group which was formed by AGL Generation Holdco Pty Ltd, a subsidiary of AGL. On 27 July 2012, the GEAC entities joined the new tax-consolidated group. AGL Generation Holdco Pty Ltd is the head entity in the new tax-consolidated group.

**Revenue authority matters**

During the year ended 30 June 2012, AGL received an unfavourable response from the Australian Taxation Office (ATO) to a request for a private binding ruling relating to the tax treatment of the supply of unbilled energy to AGL's mass market customers. AGL's current tax treatment is to pay income tax on energy when it is billed to customers. If the ATO view is correct, AGL would be required to pay income tax on energy when it is supplied to customers rather than when it is billed and AGL would be required to recognise the tax as a current tax liability rather than a deferred tax liability. AGL believes its current tax treatment is correct and has therefore lodged an objection to the private binding ruling.

**Extension of Petroleum Resource Rent Tax to onshore projects**

Changes to the Petroleum Resource Rent Tax (PRRT) Assessment Act 1987 extend the operation of the PRRT to onshore oil and gas projects from 1 July 2012. As the PRRT falls within the scope of AASB 112 *Income Taxes*, AGL is required to account for any associated deferred tax assets or deferred tax liabilities as at 30 June 2012. AGL has recognised a deferred tax asset of \$53.4 million representing the difference between the PRRT starting base amount and the carrying value of the production permits to which the PRRT will apply.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
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	2012 \$m	2011 \$m
<b>Note 11 - Dividends</b>		
<b>Recognised amounts</b>		
<b>Final dividend</b>		
Final dividend for 2011 of 31.0 cents per share, fully franked at 30%, paid 29 September 2011 (2011: Final dividend for 2010 of 30.0 cents per share, unfranked, paid 30 September 2010)	143.2	135.3
<b>Interim dividend</b>		
Interim dividend for 2012 of 29.0 cents per share, fully franked, paid 5 April 2012 (2011: Interim dividend for 2011 of 29.0 cents per share, unfranked at 30%, paid 14 April 2011)	135.0	133.1
<b>Total dividends</b>	<b>278.2</b>	268.4
Dividends satisfied by the issue of shares under the AGL Dividend Reinvestment Plan (Note 34)	(92.4)	(61.9)
<b>Dividends paid as per the statement of cash flows</b>	<b>185.8</b>	206.5
<b>Unrecognised amounts</b>		
Since the end of the financial year, the Directors have declared a final dividend for 2012 of 32.0 cents per share, fully franked at 30%, (2011: 31.0 cents fully franked), payable 27 September 2012.	174.7	143.0
The financial effect of this dividend has not been recognised as a liability in these financial statements but will be brought to account in the 2013 financial year.		
<b>Dividend reinvestment plan</b>		
The AGL Dividend Reinvestment Plan (DRP) will be in operation and shares will be allotted at a 1.5% discount to the simple average of the daily weighted average market price at which AGL's ordinary shares are traded on ASX during each of the 10 trading days commencing on 7 September 2012.		
<b>Dividend franking account</b>		
Adjusted franking account balance	36.3	108.2
Impact on franking account balance of dividends proposed after the reporting date but not recognised as a liability	(74.9)	(61.3)
<b>Note 12 - Cash and cash equivalents</b>		
Cash at bank and on hand	540.1	201.4
Short-term deposits	1,272.8	551.7
	<b>1,812.9</b>	753.1

The carrying amounts of cash and cash equivalents represent fair value. Bank balances and short-term deposits earn interest at floating rates based upon market rates.

Short-term deposits are made for varying periods of between one day and three months depending on the immediate cash requirements of the consolidated entity. All deposits are held with financial institutions approved by the Board.

**Restricted cash balances**

Great Energy Alliance Corporation Pty Limited, a subsidiary acquired by the consolidated entity on 29 June 2012, has cash and cash equivalents at 30 June 2012 of \$77.0 million which are held in reserve accounts which may only be used for the purposes specified under the project financing documents. This includes up to six months of debt repayments and a diminishing percentage of budgeted capital expenditure.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
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	2012 \$m	2011 \$m
<b>Note 13 - Trade and other receivables (current)</b>		
Trade receivables	697.7	551.9
Allowance for doubtful debts	(75.3)	(64.6)
	<b>622.4</b>	487.3
Unbilled revenue	833.5	694.6
Amounts owing by associates	-	4.1
Amounts owing by jointly controlled entities	51.7	54.8
Amounts owing by joint venture operations	0.8	-
Other receivables	23.0	31.3
	<b>1,531.4</b>	1,272.1

**Allowance for doubtful debts**

Movements in the allowance for doubtful debts are detailed below:

Balance at beginning of financial year	64.6	63.5
Impairment losses recognised on receivables	66.9	62.6
Amounts written off as uncollectible	(56.2)	(61.5)
Balance at end of financial year	75.3	64.6

The ageing of trade receivables at the reporting date is detailed below:

	2012		2011	
	Total \$m	Allowance \$m	Total \$m	Allowance \$m
Not past due	462.6	(5.6)	360.7	(6.7)
Past due 31 - 60 days	51.2	(7.1)	49.8	(3.3)
Past due 61 - 90 days	22.8	(6.7)	20.8	(3.5)
Past 90 days	161.1	(55.9)	120.6	(51.1)
	<b>697.7</b>	<b>(75.3)</b>	551.9	(64.6)

The consolidated entity's policy requires customers to pay in accordance within agreed payment terms. Depending on the customer segment, settlement terms are generally less than 30 days from date of invoice. An allowance for doubtful debts is recognised when there is objective evidence that a trade receivable is impaired. Financial difficulties of the debtor, default payments or debts overdue are considered objective evidence of impairment. An impairment loss for doubtful debts of \$66.9 million (2011: \$62.6 million) has been recognised in the year and has been included in other expenses in Note 7.

At the end of the reporting period, trade receivables with a carrying amount of \$166.8 million (2011: \$133.3 million) were past due but not considered impaired. These trade receivables relate to customers for whom there has not been a significant change in credit quality and the amounts are considered recoverable.

Other balances within trade and other receivables are neither impaired nor past due. It is expected that these other balances will be received when due.

**Unbilled revenue**

Unbilled gas and electricity revenue is not collectible until such time as customers' meters are read and bills rendered.

**Amounts owing by associates and jointly controlled entities**

For terms and conditions relating to amounts owing by associates and jointly controlled entities, refer to Note 50.

**Fair value and credit risk**

Due to the short-term nature of these receivables, their carrying amount is assumed to approximate their fair value. The maximum exposure to credit risk at the reporting date is the carrying amount of each class of receivables. Collateral is not held as security.

**AGL Energy Limited and Subsidiaries**  
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	<b>2012</b>	<b>2011</b>
	<b>\$m</b>	<b>\$m</b>
<b>Note 14 - Inventories</b>		
Raw materials and stores - at cost	<b>73.9</b>	28.9
Finished goods - at cost	<b>111.5</b>	98.5
	<b>185.4</b>	127.4
<b>Note 15 - Other financial assets (current)</b>		
Derivative financial instruments - at fair value (Note 53)		
- Energy derivatives - cash flow hedges	<b>120.6</b>	22.7
- Energy derivatives - economic hedges	<b>58.8</b>	222.2
	<b>179.4</b>	244.9
Loans to jointly controlled entities - at amortised cost	<b>89.7</b>	-
Futures deposits and margin calls	<b>26.5</b>	56.3
	<b>295.6</b>	301.2
For terms and conditions relating to loans to jointly controlled entities, refer to Note 50.		
<b>Note 16 - Other assets (current)</b>		
Green commodities scheme certificates and instruments	<b>267.5</b>	250.0
Prepayments	<b>39.1</b>	26.6
	<b>306.6</b>	276.6
<b>Note 17 - Trade and other receivables (non-current)</b>		
Other receivables	-	0.5

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
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	2012 \$m	2011 \$m
<b>Note 18 - Investments accounted for using the equity method</b>		
Investments in associates - unlisted	2.1	214.1
Investments in jointly controlled entities - unlisted	29.5	26.6
	<b>31.6</b>	<b>240.7</b>

<b>Reconciliation of movements in investments accounted for using the equity method</b>		
Balance at beginning of financial year	240.7	200.8
Additions	1.6	-
Disposals	-	(0.9)
Carrying value of investment converted to a subsidiary (Note 43)	(144.2)	-
Share of profits after income tax	16.8	33.6
Share of other comprehensive income	(56.6)	31.5
Dividends received	(26.7)	(24.3)
Balance at end of financial year	<b>31.6</b>	<b>240.7</b>

Name of entity	Principal activities	Country of incorporation	Reporting date	Ownership		Carrying value		
				2012 %	2011 %	2012 \$m	2011 \$m	
<b>Associates</b>								
Great Energy Alliance Corporation Pty Limited (a)	Electricity generation	Australia	-	-	32.54	-	212.0	
CSM Energy Limited	Coal mine methane gas extraction	Australia	30 June	35.0	35.0	2.1	2.1	
<b>Jointly controlled entities</b>								
ActewAGL Retail Partnership	Energy and water services	Australia	30 June	50.0	50.0	25.6	24.3	
Energy Infrastructure Management Pty Ltd	Pipeline management services	Australia	30 June	50.0	50.0	1.9	1.9	
Central Queensland Pipeline Pty Ltd	Gas pipeline development	Australia	30 June	50.0	50.0	0.4	0.4	
Diamantina Holding Company Pty Limited (b)	Electricity generation	Australia	30 June	50.0	-	1.6	-	
						<b>31.6</b>	<b>240.7</b>	

(a) On 29 June 2012, the consolidated entity completed the acquisition of Great Energy Alliance Corporation Pty Limited, increasing its ownership from 32.54% to 100%. Refer Note 43 for further details.

(b) On 6 October 2011, the consolidated entity entered into a 50:50 joint venture with the APA Group to construct a gas-fired power station in Mt Isa to be known as Diamantina Power Station. Under the arrangement, the consolidated entity acquired a 50% ownership interest in Diamantina Holding Company Pty Limited. The consideration for the acquisition was \$1.6 million including acquisition related costs.

Underpinning the development of the power station, the joint venture entered into a long-term Energy Supply Agreement with Mount Isa Mines Limited, a wholly subsidiary of Xstrata plc and a Power Purchase Agreement with Ergon Energy Queensland Pty Ltd, a Queensland government owned corporation.

**AGL Energy Limited and Subsidiaries**  
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**Note 18 - Investments accounted for using the equity method (cont'd)**

	<b>2012</b>	<b>2011</b>
	<b>\$m</b>	<b>\$m</b>
<b>Summarised financial information of associates</b>		
Current assets	<b>0.3</b>	362.9
Non-current assets	-	3,599.3
<b>Total assets</b>	<b>0.3</b>	<b>3,962.2</b>
Current liabilities	-	216.1
Non-current liabilities	-	3,114.8
<b>Total liabilities</b>	<b>-</b>	<b>3,330.9</b>
<b>Net assets</b>	<b>0.3</b>	<b>631.3</b>
<b>Revenue</b>	<b>631.8</b>	648.7
<b>Net (loss)/profit after tax</b>	<b>(34.4)</b>	9.8
<b>Consolidated entity's share of associates' (loss)/profit</b>	<b>(11.2)</b>	3.1
<b>Summarised financial information of jointly controlled entities</b>		
Current assets	<b>185.6</b>	175.8
Non-current assets	<b>250.5</b>	36.5
<b>Total assets</b>	<b>436.1</b>	<b>212.3</b>
Current liabilities	<b>375.5</b>	150.3
Non-current liabilities	<b>4.5</b>	3.6
<b>Total liabilities</b>	<b>380.0</b>	<b>153.9</b>
<b>Net assets</b>	<b>56.1</b>	58.4
<b>Revenue</b>	<b>647.6</b>	678.8
<b>Expenses</b>	<b>(591.4)</b>	(618.0)
<b>Consolidated entity's share of jointly controlled entities' profit</b>	<b>28.0</b>	30.5

**Dividends received from associates and jointly controlled entities**

During the year, the consolidated entity received dividends of \$nil (2011: \$nil) from its associates and \$26.7 million (2011: \$24.3 million) from its jointly controlled entities.

**Capital commitments and contingent liabilities**

The consolidated entity's share of capital expenditure commitments and contingent liabilities of associates and jointly controlled entities are disclosed in Notes 38 and 40 respectively.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

	2012 \$m	2011 \$m
<b>Note 19 - Exploration and evaluation assets</b>		
Balance at beginning of financial year	658.0	607.5
Additions	38.3	30.7
Acquisitions through business combinations (Note 43)	-	19.8
Impairment loss	(35.8)	-
Disposals	(6.5)	-
Balance at end of financial year	<b>654.0</b>	658.0

**Impairment loss**

At 30 June 2012, the consolidated entity reviewed the carrying amount of its exploration and evaluation assets for indicators of impairment in accordance with the consolidated entity's accounting policy (refer note 1 (p)). As a result, the recoverable amounts of some specific exploration and evaluation assets were formally reassessed. Estimates of recoverable amounts of exploration and evaluation assets are based on the assets fair value less costs to sell.

The review resulted in the recognition of an impairment loss of \$21.8 million in relation to the consolidated entity's 40% interest in the exploration permit ATP 1056P, located in the Cooper Basin in south-west Queensland.

An impairment loss of \$14.0 million was also recognised in relation to the consolidated entity's geothermal exploration assets located in Victoria, Queensland and New South Wales.

The impairment loss of \$35.8 million (2011: \$nil) is included in other expenses in the line item 'impairment loss on exploration and evaluation assets' in Note 7. The impairment loss of \$35.8 million has been recognised in the Upsteam Gas operating segment.

**Note 20 - Oil and gas assets**

**Producing assets**

Balance at beginning of financial year	461.4	333.4
Additions	66.0	55.0
Acquisitions through business combinations (Note 43)	-	104.5
Fair value adjustments on prior year acquisitions	(20.0)	-
Transferred to property, plant and equipment (Note 21)	-	(14.5)
Disposals	(7.8)	-
Depreciation and amortisation expense	(15.8)	(17.0)
Balance at end of financial year	<b>483.8</b>	461.4
Cost (gross carrying amount)	<b>574.1</b>	536.0
Accumulated depreciation, amortisation and impairment	<b>(90.3)</b>	(74.6)
Net carrying amount	<b>483.8</b>	461.4

**Depreciation and amortisation expense**

Depreciation and amortisation expense of \$15.8 million (2011: \$17.0 million) is included in the line item 'depreciation and amortisation' in the income statement.

**AGL Energy Limited and Subsidiaries**  
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	Freehold land and buildings \$m	Leasehold improvements \$m	Plant and equipment \$m	Total \$m
<b>Note 21 - Property, plant and equipment</b>				
<b>Year ended 30 June 2012</b>				
Balance at 1 July 2011, net of accumulated depreciation and impairment	24.6	16.0	2,240.9	2,281.5
Additions	26.3	1.7	654.2	682.2
Acquisitions through business combinations (Note 43)	48.1	-	2,425.8	2,473.9
Disposals	-	-	(133.7)	(133.7)
Depreciation expense	(0.2)	(2.3)	(115.7)	(118.2)
Balance at 30 June 2012, net of accumulated depreciation and impairment	98.8	15.4	5,071.5	5,185.7
<b>Balance at 1 July 2011</b>				
Cost (gross carrying amount)	26.3	27.7	2,861.1	2,915.1
Accumulated depreciation and impairment	(1.7)	(11.7)	(620.2)	(633.6)
Net carrying amount	24.6	16.0	2,240.9	2,281.5
<b>Balance at 30 June 2012</b>				
Cost (gross carrying amount)	100.7	29.4	5,807.3	5,937.4
Accumulated depreciation and impairment	(1.9)	(14.0)	(735.8)	(751.7)
Net carrying amount	98.8	15.4	5,071.5	5,185.7
<b>Year ended 30 June 2011</b>				
Balance at 1 July 2010, net of accumulated depreciation and impairment	24.7	18.1	2,013.4	2,056.2
Additions	0.1	0.1	469.5	469.7
Acquisitions through business combinations (Note 43)	-	-	8.4	8.4
Transferred from oil and gas assets (Note 20)	-	-	14.5	14.5
Transferred from intangible assets (Note 22)	-	-	6.4	6.4
Disposals	-	-	(3.6)	(3.6)
Derecognised on disposal of subsidiaries (Note 44)	-	-	(165.9)	(165.9)
Depreciation expense	(0.2)	(2.2)	(101.8)	(104.2)
Balance at 30 June 2011, net of accumulated depreciation and impairment	24.6	16.0	2,240.9	2,281.5
<b>Balance at 1 July 2010</b>				
Cost (gross carrying amount)	26.2	27.6	2,539.8	2,593.6
Accumulated depreciation and impairment	(1.5)	(9.5)	(526.4)	(537.4)
Net carrying amount	24.7	18.1	2,013.4	2,056.2
<b>Balance at 30 June 2011</b>				
Cost (gross carrying amount)	26.3	27.7	2,861.1	2,915.1
Accumulated depreciation and impairment	(1.7)	(11.7)	(620.2)	(633.6)
Net carrying amount	24.6	16.0	2,240.9	2,281.5



**AGL Energy Limited and Subsidiaries**  
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**Note 21 - Property, plant and equipment (cont'd)**

**Acquisitions through business combinations**

On 29 June 2012, the consolidated entity completed the acquisition of Great Energy Alliance Corporation Pty Limited (GEAC), increasing its ownership from 32.54% to 100%. The provisional fair value of the GEAC property, plant and equipment as at the date of acquisition was \$2,473.6 million. Refer Note 43 for further details.

**Depreciation expense**

Depreciation expense of \$118.2 million (2011: \$104.2 million) is included in the line item 'depreciation and amortisation' in the income statement.

**Leased plant and equipment**

The net carrying amount of plant and equipment disclosed above includes plant and equipment held under finance leases of \$136.4 million (2011: \$134.3 million).

**Property, plant and equipment under construction**

The net carrying amount of plant and equipment disclosed above includes expenditure recognised in relation to plant and equipment which is in the course of construction of \$777.6 million (2011: \$424.0 million).

**AGL Energy Limited and Subsidiaries**  
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	Goodwill \$m	Licences \$m	Customer relationships and contracts \$m	Wind farm development rights \$m	Other \$m	Total \$m
<b>Note 22 - Intangible assets</b>						
<b>Year ended 30 June 2012</b>						
Balance at 1 July 2011, net of accumulated amortisation	2,624.8	301.2	178.3	30.9	2.0	3,137.2
Additions	-	-	41.5	-	1.4	42.9
Acquisitions through business combinations (Note 43)	14.9	-	-	11.1	-	26.0
Amortisation expense	-	-	(34.1)	-	-	(34.1)
Balance at 30 June 2012, net of accumulated amortisation	2,639.7	301.2	185.7	42.0	3.4	3,172.0
<b>Balance at 1 July 2011</b>						
Cost (gross carrying amount)	2,624.8	301.2	263.9	30.9	3.7	3,224.5
Accumulated amortisation	-	-	(85.6)	-	(1.7)	(87.3)
Net carrying amount	2,624.8	301.2	178.3	30.9	2.0	3,137.2
<b>Balance at 30 June 2012</b>						
Cost (gross carrying amount)	2,639.7	301.2	305.4	42.0	5.1	3,293.4
Accumulated amortisation	-	-	(119.7)	-	(1.7)	(121.4)
Net carrying amount	2,639.7	301.2	185.7	42.0	3.4	3,172.0
<b>Year ended 30 June 2011</b>						
Balance at 1 July 2010, net of accumulated amortisation	2,624.8	301.2	183.6	37.3	2.1	3,149.0
Additions	-	-	15.6	-	-	15.6
Transferred to property, plant and equipment (Note 20)	-	-	-	(6.4)	-	(6.4)
Amortisation expense	-	-	(20.9)	-	(0.1)	(21.0)
Balance at 30 June 2011, net of accumulated amortisation	2,624.8	301.2	178.3	30.9	2.0	3,137.2
<b>Balance at 1 July 2010</b>						
Cost (gross carrying amount)	2,624.8	301.2	248.3	37.3	3.7	3,215.3
Accumulated amortisation	-	-	(64.7)	-	(1.6)	(66.3)
Net carrying amount	2,624.8	301.2	183.6	37.3	2.1	3,149.0
<b>Balance at 30 June 2011</b>						
Cost (gross carrying amount)	2,624.8	301.2	263.9	30.9	3.7	3,224.5
Accumulated amortisation	-	-	(85.6)	-	(1.7)	(87.3)
Net carrying amount	2,624.8	301.2	178.3	30.9	2.0	3,137.2

**AGL Energy Limited and Subsidiaries**  
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**Note 22 - Intangible assets (cont'd)**

**Amortisation expense**

Amortisation expense of \$34.1 million (2011: \$21.0 million) is included in the line item 'depreciation and amortisation' in the income statement.

**Impairment testing for goodwill and intangibles with indefinite useful lives**

Goodwill and other intangible assets deemed to have indefinite lives, that are significant in comparison to the consolidated entity's total carrying amount of intangible assets with indefinite lives, have been allocated to cash-generating units (CGUs) for the purpose of impairment testing as follows:

	<b>Goodwill</b>	<b>Licences</b>	<b>Total intangible assets with indefinite lives</b>
	<b>\$m</b>	<b>\$m</b>	<b>\$m</b>
<b>Year ended 30 June 2012</b>			
<b>Cash-generating unit</b>			
Retail Energy	<b>2,053.8</b>	<b>-</b>	<b>2,053.8</b>
Merchant Energy	<b>585.9</b>	<b>301.2</b>	<b>887.1</b>
	<b>2,639.7</b>	<b>301.2</b>	<b>2,940.9</b>
<b>Year ended 30 June 2011</b>			
<b>Cash-generating unit</b>			
Retail Energy	2,053.8	-	2,053.8
Merchant Energy	571.0	301.2	872.2
	2,624.8	301.2	2,926.0

The licences \$301.2 million (2011: \$301.2 million) to operate hydro-electric power stations within the Merchant Energy CGU have been assessed as having indefinite lives. The factors considered in determining the useful lives of these licences are the long-term nature of the initial licences, the expectation that the licences will be renewed, the insignificant cost of renewal, and compliance with licensing obligations.

**Impairment testing for Retail Energy and Merchant Energy**

The recoverable amounts for the Retail Energy and Merchant Energy CGUs have been determined using value in use models. The key assumptions in the calculation of value in use are customer numbers, energy procurement costs and regulatory outcomes.

The estimate of regulatory outcomes is based on actual regulatory decisions for the current price reset period, which are publicly available, together with the consolidated entity's expectations of regulatory decisions beyond the current reset period. Customer numbers are estimated based on historical experience in various segments, together with marketing strategies for the retention and winning of customers. Energy procurement costs are estimated based on the actual hedge portfolio, together with an estimate of future hedging prices and volumes beyond the period of the actual hedge portfolio.

The recoverable amounts for the Retail Energy and Merchant Energy CGUs have been determined using value in use models, including an appropriate terminal value. Cash flow forecasts are based on Board approved budgets and the most recent three-year plan extrapolated out to 10 years using forecast CPI. The terminal value is based on final year free cash flow capitalised in perpetuity. Discount rates used are the pre-tax weighted average cost of capital of 13.4% (2011: 13.4%).

No impairment loss has been recognised for the Retail Energy or the Merchant Energy CGUs for the year ended 30 June 2012 (2011: \$nil).

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
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	2012 \$m	2011 \$m
<b>Note 23 - Other financial assets (non-current)</b>		
Derivative financial instruments - at fair value (Note 53)		
- Interest rate swap contracts - cash flow hedges	0.1	0.5
- Energy derivatives - cash flow hedges	429.7	51.2
	<b>429.8</b>	51.7
Available-for-sale financial assets - at fair value		
- Shares in listed entities	0.3	0.3
Loans to associates and jointly controlled entities - at amortised cost	1.5	112.5
	<b>431.6</b>	164.5

For terms and conditions relating to loans to associates and jointly controlled entities, refer to Note 50.

**Note 24 - Other assets (non-current)**

Prepayments	21.0	-
Generation dispatch agreements	15.3	21.1
Other	0.4	0.4
	<b>36.7</b>	21.5

**Note 25 - Trade and other payables (current)**

Trade payables and accrued expenses	1,153.3	840.4
Goods and services tax payable	3.9	12.7
Amounts owing to jointly controlled entities	1.2	-
	<b>1,158.4</b>	853.1

Trade payables are generally settled within 30 days of the date of recognition.

For terms and conditions relating to amounts owing to jointly controlled entities, refer to Note 50.

**Note 26 - Borrowings (current)**

**At amortised cost**

Bank loans - secured (Note 30)	614.5	-
Bank loans - unsecured (Note 30)	-	886.7
Finance lease liabilities - secured (Note 39)	1.5	-
	<b>616.0</b>	886.7

**AGL Energy Limited and Subsidiaries**  
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	2012 \$m	2011 \$m
<b>Note 27- Provisions (current)</b>		
Employee benefits	77.5	51.1
Environmental restoration (Note 31)	5.3	8.2
Restructuring (Note 31)	2.2	12.9
Onerous contracts (Note 31)	47.3	20.9
Other	-	1.2
	<b>132.3</b>	<b>94.3</b>

<b>Note 28 - Other financial liabilities (current)</b>		
Derivative financial instruments - at fair value (Note 53)		
- Interest rate swap contracts - cash flow hedges	3.0	1.3
- Forward foreign exchange contracts - cash flow hedges	10.6	56.7
- Energy derivatives - cash flow hedges	27.0	123.2
- Energy derivatives - economic hedges	368.1	259.5
	<b>408.7</b>	<b>440.7</b>
Deferred consideration (Note 43)	30.0	-
Contingent consideration (Note 43)	3.1	-
	<b>441.8</b>	<b>440.7</b>

<b>Note 29 - Other liabilities (current)</b>		
Deferred revenue		
- Government assistance	240.1	-
- Other	10.2	15.1
	<b>250.3</b>	<b>15.1</b>

**Government assistance**

On 8 November 2011, the Federal Parliament passed the Clean Energy Legislative Package, which sets out the way that Australia will introduce a carbon price to reduce Australia's carbon pollution and move to a clean energy future. Under the Clean Energy Act 2011, which is the central Act of the package, an Energy Security Fund was established to support a secure energy market transition to a clean energy future.

On 22 June 2012, Great Energy Alliance Corporation Pty Limited, the owner of the Loy Yang A power station, received a coal-fired generation assistance cash payment of \$240.1 million from the Australian Government under the Energy Security Fund.

In accordance with the requirements of AASB 1020 *Accounting for Government Grants and Disclosure of Government Assistance*, the \$240.1 million has been recognised as deferred revenue at 30 June 2012 and will be released to the income statement during the 2013 financial year, reducing the impact of the carbon price expense in the first year of the scheme.

**Note 30 - Borrowings (non-current)**

**At amortised cost**

USD senior notes - unsecured	337.5	274.4
Subordinated notes - unsecured	650.0	-
Bank loans - secured	1,835.8	-
Bank loans - unsecured	750.0	-
Other loans - unsecured	150.0	-
Finance lease liabilities - secured (Note 39)	14.5	11.9
Deferred borrowing costs	(41.8)	(1.8)
	<b>3,696.0</b>	<b>284.5</b>

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

	2012 \$m	2011 \$m
<b>Note 30 - Borrowings (non-current)</b>		
<b>Financing facilities</b>		
The consolidated entity has access to the following committed bank facilities:		
<b>Total facilities</b>		
USD senior notes -unsecured	337.8	337.8
Subordinated notes - unsecured	650.0	-
Bank loans - secured	2,450.3	-
Bank loans - unsecured	1,000.0	886.7
Other Loans - unsecured	200.0	-
Bank guarantees	600.0	485.0
	<b>5,238.1</b>	<b>1,709.5</b>
<b>Amounts used</b>		
USD senior notes -unsecured	337.8	337.8
Subordinated Notes - unsecured	650.0	-
Bank loans - secured	2,450.3	-
Bank loans - unsecured	750.0	886.7
Other Loans - unsecured	150.0	-
Bank guarantees	468.8	446.3
	<b>4,806.9</b>	<b>1,670.8</b>
<b>Amounts unused</b>	<b>431.2</b>	<b>38.7</b>

**USD senior notes**

On 8 September 2010, AGL Energy Limited issued US\$300.0 million of fixed rate unsecured senior notes in the US private placement market, comprising two tranches of 12 year and 15 year maturities for US\$165.0 million and US\$135.0 million, respectively. To manage the foreign exchange risk arising from the future principal and interest payments required on the US\$300.0 million, the notes were converted back to A\$337.8 million through cross currency interest rate swaps.

**Subordinated notes**

On 4 April 2012, AGL Energy Limited issued \$650.0 million of unsecured AGL Energy Subordinated Notes in the Australian retail bond market. The notes have a 27 year maturity with a non-recall period of seven years. The notes will generally be redeemed for their face value plus any outstanding interest. Interest on these notes is charged at market rates plus a margin of 3.80% and is paid on a quarterly basis.

**Bank loans - secured**

As at 30 June 2012, AGL Energy Limited had assumed \$2,450.3 million of secured bank debt from the acquisition of Great Energy Alliance Corporation Pty Limited on 29 June 2012. This amount included \$1,473.1 million of amortising facilities with the following maturities; Amortiser A and B in November 2015 and the CPI Bonds in May 2027. The amount also includes \$977.2 million of non-amortising facilities with the following maturities; Bullet B in November 2012 and the AR facility in November 2015.

On 13 August 2012, AGL repaid \$978.1 million of non-amortising facilities, comprising the Bullet B and AR facilities.

**Bank loans - unsecured**

On 20 July 2011, AGL Energy Limited entered into a \$1.0 billion syndicated loan facility, comprising of a \$600.0 million 3 year term loan tranche and a \$400.0 million 5 year revolving tranche. The funds were partially used to refinance \$886.7 million of debt, repaid in October 2011. As at 30 June 2012, \$750.0 million of the facility had been utilised.

**Other loans**

On 5 July 2011, AGL Energy Limited entered into a \$200.0 million loan facility with EKF, the Danish export credit agency. The funds will be used to partially fund the consolidated entity's 50% interest in the construction of the Macarthur Wind Farm. Amortising over 18 years, the loan matures in 2031. As at 30 June 2012, \$150.0 million of the facility had been utilised.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
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	2012 \$m	2011 \$m
<b>Note 31 - Provisions (non-current)</b>		
Employee benefits	37.2	7.4
Environmental restoration	105.1	49.6
Onerous contracts	123.5	104.6
	<b>265.8</b>	<b>161.6</b>

Movements in each class of provision, except employee benefits are set out below:

	Environmental restoration \$m	Restructuring \$m	Onerous contracts \$m	Other \$m	Total \$m
<b>Year ended 30 June 2012</b>					
Balance at beginning of financial year	57.8	12.9	125.5	1.2	197.4
Additional provisions recognised	16.7	-	-	-	16.7
Acquisitions through business combinations (Note 43)	43.3	-	58.1	-	101.4
Provisions utilised	(7.0)	(10.4)	(20.8)	(0.4)	(38.6)
Provisions reversed	-	(0.3)	-	(0.8)	(1.1)
Disposals	(3.1)	-	-	-	(3.1)
Unwinding of discount	2.7	-	8.0	-	10.7
Balance at end of financial year	<b>110.4</b>	<b>2.2</b>	<b>170.8</b>	-	<b>283.4</b>
Current	5.3	2.2	47.3	-	54.8
Non-current	105.1	-	123.5	-	228.6
	<b>110.4</b>	<b>2.2</b>	<b>170.8</b>	-	<b>283.4</b>

**Environmental restoration**

A provision for environmental restoration is recognised when there is a present obligation as a result of exploration, development and production activities having been undertaken, and it is probable that an outflow of economic benefits will be required to settle the obligation. The estimated future obligations include the costs of removing facilities and restoring the affected areas.

**Restructuring**

A restructuring provision is recognised when the consolidated entity has developed a detailed formal plan for the restructuring and has raised a valid expectation in those affected that it will carry out the restructuring by starting to implement the plan or announcing its main features to those affected by it. The measurement of a restructuring provision includes only the direct expenditures arising from the restructuring, which are those amounts that are both necessarily entailed by the restructuring and not associated with the ongoing activities of the entity.

**Onerous contracts**

A provision for onerous contracts is recognised where the consolidated entity has a contract under which the unavoidable costs of meeting the obligations under the contract exceed the economic benefits expected to be received under it.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
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	<b>2012</b>	<b>2011</b>
	<b>\$m</b>	<b>\$m</b>
<b>Note 32 - Other financial liabilities (non-current)</b>		
Derivative financial instruments - at fair value (Note 53)		
- Cross currency swap contracts - cash flow and fair value hedges	<b>20.4</b>	85.9
- Interest rate swap contracts - cash flow hedges	<b>191.0</b>	3.1
- Forward foreign exchange contracts - cash flow hedges	-	2.0
- Energy derivatives - cash flow hedges	<b>5.3</b>	3.1
	<b>216.7</b>	94.1
Deferred consideration (Note 43)	<b>218.2</b>	-
Contingent consideration (Note 43)	<b>1.4</b>	-
	<b>436.3</b>	94.1
<b>Note 33 - Other liabilities (non-current)</b>		
Defined benefit superannuation plan liability (Note 48)	<b>223.6</b>	40.6
Deferred revenue - other	<b>12.5</b>	6.7
Other	<b>12.5</b>	6.9
	<b>248.6</b>	54.2



**AGL Energy Limited and Subsidiaries**  
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	2012		2011	
	\$m		\$m	
<b>Note 34 - Issued capital</b>				
545,861,083 fully-paid ordinary shares (June 2011: 461,311,732)	<b>5,227.3</b>		4,244.6	
	2012		2011	
	Number	\$m	Number	\$m
<b>Movement in fully-paid ordinary shares</b>				
Balance at beginning of financial year	<b>461,311,732</b>	<b>4,244.6</b>	450,076,509	4,066.7
Shares issued under AGL Dividend Reinvestment Plan (a)(b)	<b>6,505,209</b>	<b>92.4</b>	4,251,051	61.9
Shares issued under the institutional and retail rights offers (c)	<b>78,044,142</b>	<b>905.3</b>	-	-
Shares issued for acquisition of subsidiary	-	-	6,984,172	116.0
Transaction costs relating to the institutional and retail rights offers		<b>(21.5)</b>		-
Deferred tax credit recognised directly in equity		<b>6.5</b>		-
	<b>545,861,083</b>	<b>5,227.3</b>	461,311,732	4,244.6

(a) On 29 September 2011, 3,291,932 ordinary shares were issued at \$14.20 per share to participating shareholders under the AGL Dividend Reinvestment Plan.

(b) On 5 April 2012, 3,213,277 ordinary shares were issued at \$14.20 per share to participating shareholders under the AGL Dividend Reinvestment Plan.

(c) On 6 June 2012, 31,286,362 ordinary shares were issued at \$11.60 per share to participating institutional shareholders under the institutional rights offer. On 29 June 2012, 46,757,780 ordinary shares were issued at \$11.60 per share to participating retail shareholders under the retail rights offer.

The terms of the rights offer was 1 new AGL Energy Limited ordinary share offered for every 6 existing shares at \$11.60 per share. The institutional and retail issues were fully underwritten. The net proceeds from the rights issues of \$883.8 million were used to fund the acquisition of the 67.46% of Great Energy Alliance Corporation Pty Limited (GEAC) not previously owned, to allow partial repayment of existing GEAC bank loans, and for general corporate purposes including renewable energy generation.

The rights issues were at a discount to the then market price. Accordingly, earnings per share for all periods up to the date on which the shares were issued have been adjusted for the bonus element of the rights issues being 1.0329. The comparative earnings per share for 2011 have been restated accordingly (refer Note 37).

Ordinary shares entitle the holder to participate in dividends and the proceeds on winding-up of the Parent Entity in proportion to the number of shares held. Every ordinary Shareholder present at a meeting of the Parent Entity in person or by proxy, is entitled to one vote per share.

Changes to the then Corporations Law abolished the authorised capital and par value concept in relation to share capital from 1 July 1998. Therefore, the Parent Entity does not have a limited amount of authorised capital and issued shares do not have a par value.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
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	2012 \$m	2011 \$m
<b>Note 35 - Reserves</b>		
Employee equity benefits	2.6	0.6
Hedging	19.4	(97.3)
Other	-	(0.4)
	<b>22.0</b>	<b>(97.1)</b>

**Movement in reserves**

**Employee equity benefits reserve**

Balance at beginning of financial year	0.6	4.7
Share-based payment plans expense	6.4	2.0
Purchase of shares on-market under AGL Share Reward Plan	(1.1)	(1.6)
Purchase of shares on-market under AGL Long-Term Incentive Plan	(3.3)	(4.5)
Balance at end of financial year	<b>2.6</b>	<b>0.6</b>

The employee equity benefits reserve is used to record the value of share-based payments to employees, including key management personnel, as part of their remuneration. Refer to Note 49 for further information on share-based payment plans.

**Hedging reserve**

Balance at beginning of financial year	(97.3)	(163.6)
Gain/(loss) arising on changes in fair value of cash flow hedges	14.1	(118.4)
Income tax related to gains/(losses) recognised in other comprehensive income	(4.2)	35.5
Cumulative loss arising on changes in fair value of cash flow hedges reclassified to profit or loss	115.9	178.4
Income tax related to amounts reclassified to profit or loss	(34.8)	(55.2)
Transferred to initial carrying amount of hedged item	40.3	4.6
Income tax related to amounts transferred to initial carrying amount of hedged item	(12.1)	(1.4)
Share of (loss)/gain in reserve attributable to an associate	(38.7)	22.8
Cumulative loss reclassified to profit or loss of pre-existing equity interest in an acquired entity	36.2	-
Balance at end of financial year	<b>19.4</b>	<b>(97.3)</b>

The hedging reserve represents the cumulative effective portion of gains and losses arising on changes in fair value of hedging instruments entered into for cash flow hedges. The cumulative gain or loss on changes in fair value of the hedging instruments will be reclassified to profit or loss only when the hedged transaction affects the profit or loss, or is included as a basis adjustment to the non-financial hedged item.

**Other reserve**

Balance at beginning of financial year	(0.4)	(0.5)
Share of gain in reserve attributable to an associate	0.3	0.1
Cumulative loss reclassified to profit or loss of pre-existing equity interest in an acquired entity	0.1	-
Balance at end of financial year	-	(0.4)

The other reserve represents the consolidated entity's share of the reserves of associates and jointly controlled entities.

**AGL Energy Limited and Subsidiaries**  
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	2012 \$m	2011 \$m
<b>Note 36 - Retained earnings</b>		
Balance at beginning of financial year	2,194.0	1,892.6
Adjustment on correction of unbilled distribution liability, net of income tax (Note 3)	(79.9)	-
Restated balance at beginning of financial year	2,114.1	1,892.6
Profit for the year attributable to owners of AGL Energy Limited	114.9	558.7
Dividends paid or provided (Note 11)	(278.2)	(268.4)
Actuarial (loss)/gain on defined benefit plans, net of tax	(49.0)	2.5
Share of actuarial (loss)/gain on defined benefit plans attributable to associates	(18.2)	8.6
<b>Balance at end of financial year</b>	<b>1,883.6</b>	<b>2,194.0</b>

	2012	Restated (a) 2011
<b>Note 37 - Earnings per share (EPS)</b>		
<b>Statutory earnings per share</b>		
Basic earnings per share	23.8 cents	118.5 cents
Diluted earnings per share	23.8 cents	118.4 cents
<b>Underlying earnings per share</b>		
Basic earnings per share	100.0 cents	91.4 cents
Diluted earnings per share	99.9 cents	91.4 cents

	2012 \$m	2011 \$m
<b>Earnings used in calculating basic and diluted earnings per share</b>		
Profit for the year attributable to owners of AGL Energy Limited	114.9	558.7
<b>Statutory earnings used to calculate basic and diluted EPS</b>		
Significant expense items after income tax	155.1	27.3
Loss/(gain) in fair value of financial instruments after income tax	212.0	(154.9)
<b>Underlying earnings used to calculate basic and diluted EPS</b>	<b>482.0</b>	<b>431.1</b>

	2012 Number	Restated (a) 2011 Number
<b>Weighted average number of ordinary shares</b>		
Number of ordinary shares used in the calculation of basic EPS pre adjusting for bonus element of the rights issue	466,950,538	456,469,567
Bonus element of rights issue	15,288,603	15,022,413
<b>Number of ordinary shares used in the calculation of basic EPS</b>	<b>482,239,141</b>	<b>471,491,980</b>
Effect of dilution - LTIP share performance rights	109,855	398,995
<b>Number of ordinary shares used in the calculation of diluted EPS</b>	<b>482,348,996</b>	<b>471,890,975</b>

(a) In accordance with AASB 133 *Earnings per Share*, the comparative earnings per share calculations for 2011 have been restated for the bonus element of the one-for-six share rights issue undertaken in June 2012. The previously reported 2011 weighted average number of shares has been adjusted by a factor of 1.0329 being the market price of one ordinary share at the close of the last day at which the shares traded together with the rights of \$14.93, divided by the theoretical ex-rights price per share of \$14.45. Other information relating to the rights issue is included in Note 34.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

	2012 \$m	2011 \$m
<b>Note 38 - Capital and other expenditure commitments</b>		
<b>Capital expenditure commitments</b>		
<b>Property, plant and equipment</b>		
No longer than one year	28.8	89.3
Longer than one year and not longer than five years	9.2	5.4
Longer than five years	-	-
	<b>38.0</b>	<b>94.7</b>
<b>Consolidated entity's share of joint venture operations capital commitments</b>		
No longer than one year	94.0	343.8
Longer than one year and not longer than five years	7.8	88.2
Longer than five years	-	-
	<b>101.8</b>	<b>432.0</b>
<b>Consolidated entity's share of associates' and jointly controlled entities' capital commitments</b>		
No longer than one year	115.7	2.3
Longer than one year and not longer than five years	20.5	-
Longer than five years	-	-
	<b>136.2</b>	<b>2.3</b>
<b>Other expenditure commitments</b>		
<b>Exploration and evaluation expenditure</b>		
No longer than one year	0.5	6.8
Longer than one year and not longer than five years	2.3	-
Longer than five years	2.3	-
	<b>5.1</b>	<b>6.8</b>
<b>Consolidated entity's share of joint venture operations other expenditure commitments</b>		
No longer than one year	1.4	4.4
Longer than one year and not longer than five years	-	-
Longer than five years	-	-
	<b>1.4</b>	<b>4.4</b>
<b>Other - Information technology services</b>		
No longer than one year	40.8	37.3
Longer than one year and not longer than five years	78.8	70.7
Longer than five years	-	6.8
	<b>119.6</b>	<b>114.8</b>

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
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**Note 39 - Lease commitments**

	Minimum future lease payments 2012 \$m	Present value of payments 2012 \$m	Minimum future lease payments 2011 \$m	Present value of payments 2011 \$m
<b>Finance lease liabilities</b>				
No longer than one year	1.7	1.5	-	-
Longer than one year and not longer than five years	2.0	1.8	0.3	-
Longer than five years	178.4	12.7	178.4	11.9
Minimum future lease payments*	182.1	16.0	178.7	11.9
Less future finance charges	(166.1)		(166.8)	-
Present value of minimum lease payments	<b>16.0</b>	<b>16.0</b>	11.9	11.9
Included in the financial statements as:				
Current borrowings (Note 26)		1.5		-
Non-current borrowings (Note 28)		14.5		11.9
		<b>16.0</b>		11.9

\* Minimum future lease payments includes the aggregate of all lease payments and any guaranteed residual.

Finance leases primarily relate to the land and property, plant and equipment affixed to that land at the Kiewa and Rubicon hydro electric schemes. These leases have terms of 60 years and payments are not required under the lease agreements until the year 2028.

	2012 \$m	2011 \$m
<b>Operating leases</b>		
Non-cancellable operating lease rentals are payable as follows:		
No longer than one year	15.5	16.9
Longer than one year and not longer than five years	50.2	49.7
Longer than five years	14.5	23.7
	<b>80.2</b>	90.3

The consolidated entity has entered into commercial non-cancellable operating leases on certain properties and other plant and equipment. Leases vary in contract period depending on the asset involved. Renewal terms are included in certain contracts, whereby renewal is at the option of the specific entity that holds the lease. There are no restrictions placed upon the lessee by entering into these leases.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
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**Note 40 - Contingent liabilities and contingent assets**

**Contingent liabilities**

Details of contingent liabilities which Directors consider should be disclosed are set out below. The Directors are of the opinion that provisions are not required in respect of these matters, as it is either not probable that a future sacrifice of economic benefits will be required or the amount is not capable of reliable measurement.

- (a) On 29 June 2012, AGL completed the acquisition of the remaining 67.46% of shares and loan notes issued by Great Energy Alliance Corporation Pty Ltd (GEAC) that it did not already own. AGL has received external advice that GEAC was not land rich for the purposes of Section 71 of the Duties Act 2000 (Vic) at the time of the acquisition. Consequently, AGL believes that there should not be any liability for stamp duty in relation to this acquisition.
- (b) The consolidated entity has various contingent liabilities arising in connection with the sale of certain subsidiaries and a jointly controlled entity. Under the various sale agreements the consolidated entity has given warranties and indemnities in relation to tax related matters, environmental and other specific liabilities.
- (c) Certain entities in the consolidated entity are party to various other legal actions and claims which have arisen in the ordinary course of business. Any liabilities arising from such legal actions and claims are not expected to have a material adverse effect on the consolidated entity.

**Contingent assets**

There are no contingent assets for the consolidated entity.

	<b>2012</b>	<b>2011</b>
	<b>\$000</b>	<b>\$000</b>
<b>Note 41 - Remuneration of auditors</b>		
<b>Auditor of the Parent Entity</b>		
Audit and review of financial reports	<b>1,315</b>	1,253
Other regulatory audit services	<b>44</b>	38
Other assurance services	<b>36</b>	144
NSW electricity privatisation due diligence and accounting advice	<b>-</b>	1,494
Other accounting advice and services	<b>664</b>	380
	<b>2,059</b>	3,309

The auditor of AGL Energy Limited is Deloitte Touche Tohmatsu.

**AGL Energy Limited and Subsidiaries**  
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**Note 42 - Subsidiaries**

Name of subsidiary	Note	Country of incorporation	Ownership interest and voting power held	
			2012 %	2011 %
<b>AGL Energy Limited</b>	(a)	Australia		
<b>Subsidiaries</b>				
AGL Limited		New Zealand	<b>100</b>	100
AGL ACT Retail Investments Pty Limited	(a)	Australia	<b>100</b>	100
AGL Corporate Services Pty Limited	(a)	Australia	<b>100</b>	100
AGL DPS Pty Limited	(a)(c)	Australia	<b>100</b>	-
AGL Electricity (VIC) Pty Limited	(a)	Australia	<b>100</b>	100
Victorian Energy Pty Limited	(a)	Australia	<b>100</b>	100
AGL Sales Pty Limited	(a)	Australia	<b>100</b>	100
AGL Sales (Queensland) Pty Limited	(a)	Australia	<b>100</b>	100
AGL Sales (Queensland Electricity) Pty Limited	(a)	Australia	<b>100</b>	100
AGL Torrens Island Holdings Pty Limited	(a)	Australia	<b>100</b>	100
AGL SA Generation Pty Limited	(a)	Australia	<b>100</b>	100
AGL Torrens Island Pty Limited	(a)	Australia	<b>100</b>	100
AGL South Australia Pty Limited	(a)	Australia	<b>100</b>	100
AGL Utility Services Pty Limited	(a)	Australia	<b>100</b>	100
AGL Energy Limited		New Zealand	<b>100</b>	100
AGL Energy Sales & Marketing Limited	(a)	Australia	<b>100</b>	100
AGL Energy Services Pty Limited	(a)	Australia	<b>100</b>	100
AGL Gas Developments (Hunter) Pty Limited	(a)	Australia	<b>100</b>	100
AGL Gas Developments (PNG) Pty Limited	(a)	Australia	<b>100</b>	100
AGL Gas Developments (Sydney) Pty Limited	(a)	Australia	<b>100</b>	100
AGL Generation Holdco Pty Ltd	(c)	Australia	<b>99.99</b>	-
AGL Generation Proprietary Limited	(c)	Australia	<b>100</b>	-
Great Energy Alliance Corporation Pty Limited	(b)(e)	Australia	<b>100</b>	-
GEAC Operations Pty Limited	(b)	Australia	<b>100</b>	-
LYP Partner 1 Pty Ltd	(b)	Australia	<b>100</b>	-
Loy Yang Power (Partnership)	(b)	Australia	<b>25</b>	-
Loy Yang Power Management Pty Limited	(b)	Australia	<b>25</b>	-
Loy Yang Power Projects Pty Limited	(b)	Australia	<b>25</b>	-
LYP Partner 2 Pty Ltd	(b)	Australia	<b>100</b>	-
Loy Yang Power (Partnership)	(b)	Australia	<b>25</b>	-
Loy Yang Power Management Pty Limited	(b)	Australia	<b>25</b>	-
Loy Yang Power Projects Pty Limited	(b)	Australia	<b>25</b>	-
LYP Partner 3 Pty Ltd	(b)	Australia	<b>100</b>	-
Loy Yang Power (Partnership)	(b)	Australia	<b>24.63</b>	-
Loy Yang Power Management Pty Limited	(b)	Australia	<b>24.63</b>	-
Loy Yang Power Projects Pty Limited	(b)	Australia	<b>24.63</b>	-
LYP Partner 4 BV	(b)	Netherlands	<b>100</b>	-
Loy Yang Power (Partnership)	(b)	Australia	<b>25.37</b>	-
Loy Yang Power Management Pty Limited	(b)	Australia	<b>25.37</b>	-
Loy Yang Power Projects Pty Limited	(b)	Australia	<b>25.37</b>	-
Loy Yang Marketing Holdings Pty Limited	(b)	Australia	<b>100</b>	-
Loy Yang Marketing Management Company Pty Limited	(b)	Australia	<b>100</b>	-
AGL Gloucester MG Pty Ltd	(a)	Australia	<b>100</b>	100
AGL HP1 Pty Limited	(a)	Australia	<b>100</b>	100
AGL Hydro Partnership		Australia	<b>49.5</b>	49.5
AGL Southern Hydro (NSW) Pty Limited	(a)	Australia	<b>100</b>	100

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
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**Note 42 - Subsidiaries (cont'd)**

Name of subsidiary	Note	Country of incorporation	Ownership interest and voting power held	
			2012 %	2011 %
AGL HP2 Pty Limited	(a)	Australia	100	100
AGL Hydro Partnership		Australia	20.0	20.0
AGL HP3 Pty Limited	(a)	Australia	100	100
AGL Hydro Partnership		Australia	30.5	30.5
AGL Power Generation Pty Limited	(a)	Australia	100	100
AGL Power Generation (Wind) Pty Limited	(a)	Australia	100	100
Australia Plains Wind Farm Pty Ltd	(a)	Australia	100	100
Barn Hill Wind Farm Pty Ltd	(a)	Australia	100	100
Ben Lomond Wind Farm Pty Ltd	(a)	Australia	100	100
Box Hill Wind Farm Pty Limited	(a)	Australia	100	100
Crows Nest Wind Farm Pty Ltd	(a)	Australia	100	100
Highfields Wind Farm Pty Limited	(a)	Australia	100	100
Worlds End Wind Farm Pty Ltd	(a)	Australia	100	100
AGL PV Solar Holdings Pty Limited	(c)	Australia	100	-
AGL PV Solar Developments Pty Limited	(c)	Australia	100	-
AGL Retail Energy Limited	(a)	Australia	100	100
AGL Share Plan Pty Limited		Australia	100	100
AGL (SG) (Camden) Operations Pty Limited	(a)	Australia	100	100
AGL (SG) (Hunter) Operations Pty Limited	(a)	Australia	100	100
AGL (SG) Operations Pty Limited	(a)	Australia	100	100
AGL Upstream Gas (Mos) Pty Limited	(a)	Australia	100	100
AGL Cooper Basin Pty Ltd	(a)	Australia	100	100
AGL Gas Storage Pty Ltd	(a)	Australia	100	100
Mosaic Oil NZ Limited		New Zealand	100	100
AGL Upstream Infrastructure Investments Pty Limited	(a)	Australia	100	100
AGL Upstream Investments Pty Limited	(a)	Australia	100	100
AGL Wholesale Gas Limited	(a)	Australia	100	100
AGL Wholesale Gas (SA) Pty Limited	(a)	Australia	100	100
Coopers Gap Wind Farm Pty Ltd	(a)	Australia	100	100
Dual Fuel Systems Pty Limited	(a)	Australia	100	100
Geogen Victoria Pty Ltd	(a)	Australia	100	100
Hallett 5 Pty Ltd	(c)(d)	Australia	-	-
H C Extractions Pty Limited	(a)	Australia	100	100
Macarthur Wind Farm Pty Ltd	(a)	Australia	100	100
Powerdirect Pty Ltd	(a)	Australia	100	100
Silverton Wind Farm Holdings Pty Limited	(a)(b)	Australia	100	-
Silverton Wind Farm Developments Pty Limited	(a)(b)	Australia	100	-
Silverton Wind Farm Transmission Pty Limited	(a)(b)	Australia	100	-
The Australian Gas Light Company	(a)	Australia	100	100

Names inset indicate that shares are held by the company immediately above the inset.

- (a) These wholly-owned subsidiaries are parties to a Deed of Cross Guarantee as detailed in Note 46.
- (b) Acquired during the financial year.
- (c) Incorporated during the financial year.
- (d) Disposed during the financial year.
- (e) AGL Energy Limited holds 32.54% of the shareholding in Great Energy Alliance Corporation Pty Limited.



**AGL Energy Limited and Subsidiaries**  
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**For the year ended 30 June 2012**

**Note 43 - Acquisition of subsidiaries and businesses**  
**2012**

**Acquisition of Great Energy Alliance Corporation Pty Limited**

On 29 June 2012, the consolidated entity completed the acquisition of the remaining 67.46% of the voting shares in, and loan notes issued by, Great Energy Alliance Corporation Pty Limited (GEAC), increasing its ownership from 32.54% to 100%. The consolidated entity also acquired 100% of the voting shares in Loy Yang Marketing Holdings Pty Limited.

The consideration paid was \$598.0 million, and comprised the fair value of the consolidated entity's pre-existing interest in GEAC of \$150.0 million, deferred consideration payable of \$248.2 million and cash of \$199.8 million.

GEAC owns the 2,210 MW Loy Yang A power station and the adjacent brown coal mine which supplies all the coal required to meet the current and future operating requirements of the power station. Loy Yang A power station is Victoria's largest power station, producing 30 per cent of the State's electricity requirement and is one of the lowest cost generators in the National Electricity Market.

Acquisition-related costs amounting to \$12.9 million have been excluded from the consideration paid and have been recognised as an expense in the year, within the 'other expenses' line item in the income statement.

From the date of acquisition, GEAC has contributed \$nil to the revenue and \$nil to the profit before tax of the consolidated entity. It is considered impracticable to estimate what the revenue and profit before tax of the consolidated entity would have been if the acquisition had been effected at 1 July 2011.

**Fair value of pre-existing interest in GEAC**

Prior to completing the GEAC acquisition, AGL's 32.5% interest in GEAC was accounted for as an equity investment. Under AASB 3 *Business Combinations*, the pre-existing equity interest is required to be remeasured at the acquisition date fair value with the resulting gain or loss recognised in the income statement.

The remeasurement to fair value of AGL's existing 32.54% interest in GEAC resulted in a loss of \$120.7 million, which has been included in other expenses in Note 7.

	<b>\$m</b>
Carrying value of equity accounted investment at the acquisition date (Note 18)	<b>144.2</b>
Carrying value of loan notes at the acquisition date (Note 50)	<b>126.5</b>
Carrying value of pre-existing interest	<b>270.7</b>
Fair value of pre-existing interest at the acquisition date	<b>150.0</b>
Loss on remeasurement to fair value of pre-existing interest	<b>120.7</b>

AASB 3 also requires that any amounts previously recognised in other comprehensive income are reclassified to the income statement. AGL's share of losses recognised in the hedge reserve and other reserve at date of acquisition of \$36.3 million have been reclassified to the income statement and are included in other expenses in Note 7.

	<b>\$m</b>
Share of loss in hedge reserve reclassified	<b>36.2</b>
Share of loss in other reserve reclassified	<b>0.1</b>
Share of losses reclassified to the income statement	<b>36.3</b>

**Deferred consideration**

As part of the purchase agreement with four of the previous shareholders of GEAC, a deferred consideration arrangement has been agreed to. The consolidated entity will pay the four parties the deferred consideration in the form of an annuity stream over 15 years.

As at the acquisition date, the fair value of the deferred consideration was estimated to be \$248.2 million, using a discount rate of 7.6%.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
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**Note 43 - Acquisition of subsidiaries and businesses (cont'd)**

**Acquisition of Silverton Wind Farm Holdings Pty Ltd**

On 30 April 2012, AGL Energy Limited acquired the development rights for the Silverton wind farm in New South Wales through the acquisition of 100% of the voting shares in Silverton Wind Farm Holdings Pty Ltd. The consideration was paid in cash.

The wind farm site is located near the township of Silverton, approximately 25 kilometres north west of Broken Hill. Silverton wind farm has development approval for 282 wind turbines in Stage 1 and concept approval for a further 316 wind turbines in subsequent stages. Subject to electricity network capacity, the consolidated entity will develop up to 300 MW in Stage 1, with the option for subsequent stages to bring the site capacity up to 1,000 MW.

Acquisition-related costs amounting to \$0.7 million have been excluded from the consideration paid and have been recognised as an expense in the year, within the 'other expenses' line item in the income statement.

From the date of acquisition, the entity has contributed \$nil to the revenue and \$nil to the profit before tax of the consolidated entity.

**Acquisition of EKO Energy solar business**

On 25 July 2011, the consolidated entity acquired the Victorian based solar photovoltaic business, EKO Energy, from the privately owned company, Rezeko Pty Ltd. The consideration paid comprised cash and contingent consideration.

EKO Energy specialises in solar systems, from design through to installation, for both residential and commercial properties in Victoria, South Australia, Queensland and New South Wales.

Acquisition-related costs amounting to \$0.6 million have been excluded from the consideration paid and have been recognised as an expense in the year, within the 'other expenses' line item in the income statement.

From the date of acquisition, the business has contributed \$21.8 million to the revenue and \$1.0 million to the profit before tax of the consolidated entity. It is considered impracticable to estimate what the revenue and profit before tax of the consolidated entity would have been if the acquisition had been effected at 1 July 2011.

**Contingent consideration**

As part of the purchase agreement with the four founders of the EKO Energy business, a contingent consideration arrangement has been agreed. There will be additional cash payments to the four founders of the business of:

- \$3.1 million, representing 20% of the purchase consideration which is payable one year from the acquisition date; and
- \$1.55 million, representing 10% of the purchase consideration which is payable two years from the acquisition date.

If a founder has ceased or given notice to cease employment at the relevant deferred payment date, then their share of the contingent consideration amount is forfeited.

As at the acquisition date, the fair value of the contingent consideration was estimated to be \$4.3 million, using a pre-tax discount rate of 9.4%.

The contingent consideration as at 30 June 2012 has been increased by \$0.2 million to \$4.5 million reflecting the fair value of the discounted cash payment. The fair value adjustment of \$0.2 million is included in finance costs in the line item 'unwinding of discount on contingent consideration' in Note 8.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 43 - Acquisition of subsidiaries and businesses (cont'd)**

The fair value of the identifiable assets acquired and liabilities assumed at the respective dates of acquisition were as follows:

	GEAC \$m	Others \$m	Total \$m
<b>Assets acquired and liabilities assumed</b>			
<b>Current assets</b>			
Cash and cash equivalents	439.3	-	439.3
Trade and other receivables	67.8	0.1	67.9
Inventories	36.5	-	36.5
Other financial assets	50.1	-	50.1
Other assets	4.5	-	4.5
<b>Total current assets</b>	<b>598.2</b>	<b>0.1</b>	<b>598.3</b>
<b>Non-current assets</b>			
Property, plant and equipment	2,473.6	0.3	2,473.9
Intangible assets	-	11.1	11.1
Deferred tax assets	557.7	-	557.7
Other financial assets	435.6	-	435.6
<b>Total non-current assets</b>	<b>3,466.9</b>	<b>11.4</b>	<b>3,478.3</b>
<b>Total assets</b>	<b>4,065.1</b>	<b>11.5</b>	<b>4,076.6</b>
<b>Current liabilities</b>			
Trade and other payables	87.0	-	87.0
Borrowings	616.0	-	616.0
Provisions	51.4	0.1	51.5
Other financial liabilities	39.2	-	39.2
Other liabilities	240.1	-	240.1
<b>Total current liabilities</b>	<b>1,033.7</b>	<b>0.1</b>	<b>1,033.8</b>
<b>Non-current liabilities</b>			
Borrowings	2,055.0	-	2,055.0
Provisions	102.4	-	102.4
Other financial liabilities	153.4	-	153.4
Other liabilities	122.6	-	122.6
<b>Total non-current liabilities</b>	<b>2,433.4</b>	<b>-</b>	<b>2,433.4</b>
<b>Total liabilities</b>	<b>3,467.1</b>	<b>0.1</b>	<b>3,467.2</b>
<b>Fair value of identifiable net assets acquired</b>	<b>598.0</b>	<b>11.4</b>	<b>609.4</b>
Goodwill arising on acquisition	-	14.9	14.9
<b>Purchase consideration</b>	<b>598.0</b>	<b>26.3</b>	<b>624.3</b>
<b>Purchase consideration</b>			
Cash paid	199.8	22.0	221.8
Fair value of pre-existing interest	150.0	-	150.0
Deferred consideration	248.2	-	248.2
Contingent consideration	-	4.3	4.3
<b>Total consideration</b>	<b>598.0</b>	<b>26.3</b>	<b>624.3</b>

The goodwill arising on the acquisition of EKO Energy was attributable to the benefit of expected future market development opportunities and the technical skills of the workforce. The goodwill is not expected to be deductible for tax purposes.

The accounting for the above acquisitions has only been provisionally determined at the reporting date. Subject to the finalisation of the provisional acquisition accounting, all identifiable intangible assets have been recognised separately from goodwill. In accordance with the requirements of AASB 3 *Business Combinations*, the consolidated entity has 12 months from the date of acquisition to finalise its acquisition accounting, and therefore the information presented should be considered provisional.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 43 - Acquisition of subsidiaries and businesses (cont'd)**

**2011**

**Acquisition of Mosaic Oil NL**

On 14 July 2010, AGL Energy Limited (AGL) and Mosaic Oil NL (Mosaic) entered into a Scheme Implementation Deed, under which AGL proposed to acquire all of the issued shares in Mosaic by way of a Scheme of Arrangement (Scheme). Under the Scheme, Mosaic shareholders could elect to receive either \$0.15 cash per Mosaic share or 1.01 AGL shares for every 100 Mosaic shares.

The Scheme was implemented on 20 October 2010, on which date AGL acquired 100% of the voting shares in Mosaic and obtained control. The consideration paid was \$142.6 million, and comprised an issue of equity instruments and cash. The fair value of shares issued was determined using the published price at the date of exchange. 6,984,172 ordinary shares in AGL were issued on 20 October 2010 at a closing price of \$16.61.

Mosaic's principal activities are the production of, and development and exploration for, oil and gas. Mosaic's main producing assets are located in the Surat-Bowen Basin in south-east Queensland. Mosaic operates fields and discoveries in 10 petroleum leases, owns and operates the Silver Springs processing facility, and now owns 100% of the Wallumbilla LPG plant and associated pipeline. Mosaic holds varying interests in exploration permits in the Surat-Bowen Basin, Cooper-Eromanga Basin south-west Queensland and New Zealand's Taranaki Basin. Mosaic also has a 33.3% interest in an oil storage tank and unloading facility at Lytton in Brisbane.

AGL carried out a comprehensive review of Mosaic's businesses and assets to determine which were core and non-core to AGL's integrated energy strategy going forward. AGL has disposed of Mosaic's interest in the exploration permit in the Carnarvon Basin offshore Western Australia and is in the process of selling Mosaic's interests in the exploration permits in New Zealand's Taranaki Basin.

AGL has now completed the development of a gas storage facility at Mosaic's depleted Silver Springs/Renlim gas fields in the Surat Basin.

Acquisition-related costs amounting to \$3.5 million were excluded from the consideration paid and were recognised as an expense in the 2011 financial year, within the 'other expenses' line item in the income statement.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 43 - Acquisition of subsidiaries and businesses (cont'd)**

The fair value of the identifiable assets acquired and liabilities assumed at the date of acquisition were as follows:

	Mosaic provisional fair value on acquisition	Fair value adjustment	Mosaic adjusted fair value on acquisition
	\$m	\$m	\$m
<b>Assets acquired and liabilities assumed</b>			
<b>Current assets</b>			
Cash and cash equivalents	21.5	-	21.5
Trade and other receivables	5.9	-	5.9
Inventories	2.9	-	2.9
Other assets	0.6	-	0.6
<b>Total current assets</b>	30.9	-	30.9
<b>Non-current assets</b>			
Exploration and evaluation assets	19.8	-	19.8
Oil and gas assets	104.5	(20.0)	84.5
Property, plant and equipment	8.4	-	8.4
Deferred tax assets	23.9	(9.7)	14.2
Other assets	0.3	-	0.3
<b>Total non-current assets</b>	156.9	(29.7)	127.2
<b>Total assets</b>	187.8	(29.7)	158.1
<b>Liabilities</b>			
Trade and other payables	2.8	-	2.8
Provisions	2.3	-	2.3
<b>Total current liabilities</b>	5.1	-	5.1
<b>Non-current liabilities</b>			
Borrowings	0.3	-	0.3
Provisions	8.0	-	8.0
Deferred tax liabilities	31.4	(29.7)	1.7
Other liabilities	0.4	-	0.4
<b>Total non-current liabilities</b>	40.1	(29.7)	10.4
<b>Total liabilities</b>	45.2	(29.7)	15.5
<b>Fair value of identifiable net assets acquired</b>	142.6	-	142.6
Goodwill arising on acquisition	-	-	-
<b>Purchase consideration</b>	142.6	-	142.6
<b>Purchase consideration</b>			
Fair value of shares issued	116.0	-	116.0
Cash paid	26.6	-	26.6
<b>Total consideration</b>	142.6	-	142.6

The fair values of the assets and liabilities acquired as part of the Mosaic acquisition had only been provisionally determined at 30 June 2011. Upon finalisation of the acquisition accounting, the fair value of identifiable net assets of the acquisition at the date of acquisition have been amended.

	2012 \$m	2011 \$m
<b>Net cash (inflow)/outflow on acquisitions</b>		
Cash paid	221.8	26.6
Less: cash and cash equivalent balances acquired	(439.3)	(21.5)
	<b>(217.5)</b>	5.1

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**Note 44 - Disposal of subsidiaries**

**2012**

There were no disposals in the year ending 30 June 2012.

**2011**

On 24 June 2011, the consolidated entity disposed of its 100% interest in Oaklands Hill Pty Ltd and on 27 June 2011, the consolidated entity disposed of its 100% interest in Oaklands Hill Wind Farm Pty Ltd, the subsidiary that was constructing the 67.2 MW Oaklands Hill Wind Farm in Victoria. The total proceeds on these disposals of \$163.9 million was received in cash.

The major classes of assets and liabilities disposed were as follows:

	<b>2012</b>	<b>2011</b>
	<b>\$m</b>	<b>\$m</b>
<b>Assets</b>		
Property, plant and equipment	-	165.9
<b>Liabilities</b>		
Deferred tax liabilities	-	(2.0)
<b>Net assets disposed</b>	<b>-</b>	<b>163.9</b>
<b>Consideration received</b>		
Consideration received in cash	-	163.9
Costs directly attributable to the disposal paid	-	-
	<b>-</b>	<b>163.9</b>
<b>Gain on disposal of subsidiaries</b>		
Consideration received	-	163.9
Net assets disposed	-	(163.9)
	<b>-</b>	<b>-</b>
<b>Net cash inflow on disposal of subsidiaries</b>		
Consideration received in cash	-	163.9
Costs directly attributable to the disposal paid	-	-
	<b>-</b>	<b>163.9</b>

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**Note 45 - Jointly controlled operations and assets**

Joint venture/area	Principal activities	Output interest	
		2012 %	2011 %
<b>Bowen Basin - Queensland</b>			
Moranbah Gas Project - PL 191, PL 196, PLA 222, PL 223, PL 224 & ATP 1103P	Gas production and exploration	<b>50.0</b>	50.0
Spring Gully Project - ATP 592P, PL 195 & PL 203	Gas production and exploration	<b>0.8</b>	0.8
Spring Gully Project - PL 204	Gas production	<b>0.04</b>	0.04
<b>Galilee Basin - Queensland</b>			
Galilee Gas Project - ATP 529P	Gas exploration	<b>50.0</b>	50.0
<b>Cooper / Eromanga Basin - South Australia</b>			
PEL 101 (a)	Gas exploration	-	35.0
PEL 103, PEL 103A, PRL 14, PRL 17 & PRL 18 (a)	Gas exploration and oil production	-	37.5
<b>Surat Basin - Queensland</b>			
ATP 471P (Bainbilla Block)	Oil and gas exploration	<b>75.3</b>	75.3
ATP 471P (Spring Grove #2 sole risk)	Oil and gas exploration	<b>52.8</b>	52.8
ATP 471P (Weribone)	Oil and gas exploration	<b>28.7</b>	28.7
PL 1 (Cabawin)	Oil production	<b>15.0</b>	15.0
PL 30 (Riverslea)	Oil production	<b>10.0</b>	10.0
PL 74 (Major)	Oil production	<b>16.0</b>	16.0
PL 441 (Downlands)	Oil and gas production	<b>75.3</b>	75.3
<b>Cooper / Eromanga Basin - Queensland</b>			
ATP 934P (under application)	Oil and gas exploration	<b>20.0</b>	20.0
ATP 1056P	Oil exploration	<b>40.0</b>	40.0
<b>Taranaki Basin - New Zealand</b>			
PEP 51149	Oil and gas exploration	<b>18.6</b>	18.6
PEP 51151 (b)	Oil and gas exploration	-	50.0
PEP 52181 (c)	Oil and gas exploration	<b>42.9</b>	15.0
PEP 53247	Oil and gas exploration	<b>75.0</b>	75.0
<b>Others</b>			
North Queensland Energy Joint Venture	Sale of gas and electricity	<b>50.0</b>	50.0
Macarthur Wind Farm Joint Venture	Wind farm construction and owner	<b>50.0</b>	50.0
Lytton Joint Venture	Crude oil storage terminal	<b>33.3</b>	33.3

(a) On 6 December 2011, the consolidated entity disposed of its 37.5% interest in permits PRL 14, 17 & 18 and PEL 103 & 103A and its 35% interest in PEL 101 located in the Cooper Basin in South Australia.

(b) On 13 October 2011, the consolidated entity disposed of its 50% interest in exploration permit PEP 51151 in New Zealand's Taranaki Basin.

(c) During the financial year, the consolidated entity's interest in PEP 52181 increased from 15.0% to 42.9% through the withdrawal of two joint venture partners.

**AGL Energy Limited and Subsidiaries**  
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**Note 45 - Jointly controlled operations and assets (cont'd)**

The consolidated entity's interest in assets employed in the above jointly controlled operations and assets is detailed below. The amounts are included in the consolidated financial statements under their respective asset categories.

	<b>2012</b>	<b>2011</b>
	<b>\$m</b>	<b>\$m</b>
<b>Current assets</b>		
Cash and cash equivalents	<b>75.0</b>	43.7
Trade and other receivables	<b>10.3</b>	10.0
Inventories	<b>0.2</b>	1.0
Other assets	<b>2.6</b>	3.8
<b>Total current assets</b>	<b>88.1</b>	58.5
<b>Non-current assets</b>		
Exploration and evaluation assets	<b>18.7</b>	26.6
Oil and gas assets	<b>293.8</b>	251.9
Property, plant and equipment	<b>387.2</b>	56.6
<b>Total non-current assets</b>	<b>699.7</b>	335.1
<b>Total assets</b>	<b>787.8</b>	393.6

The consolidated entity's share of capital expenditure commitments and contingent liabilities of jointly controlled operations are disclosed in Notes 38 and 40 respectively.



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**Note 46 - Deed of cross guarantee**

Pursuant to ASIC Class Order 98/1418 (as amended), the wholly-owned subsidiaries identified in Note 42 are relieved from the Corporations Act 2001 requirements to prepare and lodge an audited financial report, and a directors' report.

As a condition of the Class Order, the Parent Entity and each of the identified subsidiaries (the Closed Group) have entered into a Deed of Cross Guarantee. The effect of the Deed is that the Parent Entity guarantees to each creditor, payment in full of any debt in the event of winding up of any of the subsidiaries under certain provisions of the Corporations Act 2001. The subsidiaries have also given a similar guarantee in the event that the Parent Entity is wound up.

The following wholly-owned subsidiaries became a party to the Deed of Cross Guarantee on 28 June 2012, by virtue of a Deed of Assumption.

AGL DPS Pty Limited  
 Silverton Wind Farm Developments Pty Limited

Silverton Wind Farm Holdings Pty Limited  
 Silverton Wind Farm Transmission Pty Limited

Set out below is the consolidated income statement, statement of comprehensive income, statement of financial position and a summary of movements in retained earnings of the entities party to the Deed of Cross Guarantee.

	<b>Closed Group</b>	
	<b>2012</b>	<b>2011</b>
	<b>\$m</b>	<b>\$m</b>
<b>Income statement</b>		
Revenue	<b>7,032.2</b>	6,403.7
Other income	<b>2.9</b>	-
Expenses	<b>(6,612.1)</b>	(5,565.1)
Share of profits of associates and jointly controlled entities accounted for using the equity method	<b>16.8</b>	33.6
Profit before net financing costs, depreciation and amortisation	<b>439.8</b>	872.2
Depreciation and amortisation	<b>(156.0)</b>	(131.1)
<b>Profit before net financing costs</b>	<b>283.8</b>	741.1
Finance income	<b>71.1</b>	42.6
Finance costs	<b>(86.7)</b>	(53.4)
<b>Net financing costs</b>	<b>(15.6)</b>	(10.8)
<b>Profit before tax</b>	<b>268.2</b>	730.3
Income tax expense	<b>(48.0)</b>	(234.9)
<b>Profit for the year</b>	<b>220.2</b>	495.4
<b>Statement of comprehensive income</b>		
<b>Profit for the year</b>	<b>220.2</b>	495.4
<b>Other comprehensive income</b>		
Cash flow hedges	<b>120.6</b>	117.0
Actuarial (loss)/gain on defined benefit plans	<b>(70.0)</b>	3.6
Share of other comprehensive income of an associate	<b>(56.6)</b>	31.5
Reclassification adjustments of an associate transferred to profit or loss on acquisition of entity	<b>36.3</b>	-
Income tax relating to components of other comprehensive income	<b>(30.1)</b>	(22.2)
<b>Other comprehensive income for the year, net of income tax</b>	<b>0.2</b>	129.9
<b>Total comprehensive income for the year</b>	<b>220.4</b>	625.3

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**Note 46 - Deed of cross guarantee (cont'd)**

	<b>Closed Group</b>	
	<b>2012</b>	<b>2011</b>
	<b>\$m</b>	<b>\$m</b>
<b>Statement of financial position</b>		
Current assets		
Cash and cash equivalents	1,407.4	752.9
Trade and other receivables	1,392.5	1,182.4
Inventories	134.6	112.7
Other financial assets	153.1	195.1
Other assets	45.5	25.9
<b>Total current assets</b>	<b>3,133.1</b>	<b>2,269.0</b>
Non-current assets		
Trade and other receivables	-	0.5
Investments accounted for using the equity method	31.6	240.7
Exploration and evaluation assets	651.8	655.1
Oil and gas assets	483.8	461.4
Property, plant and equipment	1,974.7	1,543.8
Intangible assets	2,334.8	2,300.0
Deferred tax assets	53.4	-
Other financial assets	2,496.4	1,709.3
Other assets	0.4	0.4
<b>Total non-current assets</b>	<b>8,026.9</b>	<b>6,911.2</b>
<b>Total assets</b>	<b>11,160.0</b>	<b>9,180.2</b>
Current liabilities		
Trade and other payables	1,047.5	769.2
Borrowings	-	886.7
Provisions	80.7	94.3
Current tax liabilities	11.0	167.2
Other financial liabilities	483.0	466.5
Other liabilities	8.6	15.1
<b>Total current liabilities</b>	<b>1,630.8</b>	<b>2,399.0</b>
Non-current liabilities		
Borrowings	1,865.0	272.9
Provisions	163.4	161.6
Deferred tax liabilities	349.0	302.7
Other financial liabilities	282.7	92.2
Other liabilities	124.5	54.2
<b>Total non-current liabilities</b>	<b>2,784.6</b>	<b>883.6</b>
<b>Total liabilities</b>	<b>4,415.4</b>	<b>3,282.6</b>
<b>Net assets</b>	<b>6,744.6</b>	<b>5,897.6</b>
Equity		
Issued capital	5,227.3	4,244.6
Reserves	32.0	(37.4)
Retained earnings	1,485.3	1,690.4
<b>Total equity</b>	<b>6,744.6</b>	<b>5,897.6</b>
<b>Summary of movements in retained earnings</b>		
Retained earnings at beginning of financial year	1,690.4	1,452.3
Adjustment on correction of unbilled distribution liability, net of income tax	(79.9)	-
Restated balance at beginning of financial year	1,610.5	1,452.3
Profit for the year	220.2	495.4
Dividends paid or provided	(278.2)	(268.4)
Actuarial (loss)/gain on defined benefit plans, net of tax	(49.0)	2.5
Share of actuarial (loss)/gain on defined benefit plans attributable to associates	(18.2)	8.6
<b>Retained earnings at end of financial year</b>	<b>1,485.3</b>	<b>1,690.4</b>

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**Note 47 - Key management personnel disclosures**

**Key management personnel**

Key management personnel are those persons having authority and responsibility for planning, directing and controlling the activities of the consolidated entity, directly or indirectly, including the Directors of the Parent Entity.

The following persons were key management personnel of the consolidated entity during the financial year. Unless otherwise indicated they were key management personnel for the entire period.

<b>Name</b>	<b>Position</b>
<b>Non-Executive Directors</b>	
Jeremy Maycock	Chairman, Non-executive Director
Les Hosking	Non-executive Director
Belinda Hutchinson	Non-executive Director
Sandra McPhee	Non-executive Director
Max Ould	Non-executive Director
Bruce Phillips	Non-executive Director
John Stanhope	Non-executive Director
<b>Executive Directors</b>	
Michael Fraser	Managing Director and Chief Executive Officer
<b>Executives</b>	
Anthony Fowler	Group General Manager Merchant Energy
Ken Hodgson	Group General Manager Retail Energy
Paul McWilliams	Group Head of Corporate Support Services and Company Secretary
Stephen Mikkelsen	Chief Financial Officer
Michael Moraza	Group General Manager Upstream Gas

The aggregate remuneration made to key management personnel of the consolidated entity is set out below:

	<b>2012</b>	2011
	\$	\$
<b>Remuneration by category</b>		
Short-term employee benefits	<b>10,261,844</b>	9,352,192
Post-employment benefits	<b>817,223</b>	814,553
Share-based payments	<b>4,080,013</b>	693,371
	<b>15,159,080</b>	10,860,116

Further details are contained in the Remuneration Report, found in the Directors' Report.

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**Note 47 - Key management personnel disclosures (cont'd)**

**Share performance rights over ordinary shares**

Details of movements during the financial year in the number of share performance rights (SPRs) over ordinary shares in the Parent Entity held directly, indirectly or beneficially, by each key management person, including their related parties, are set out below:

<b>2012</b>	<b>Balance at</b>	<b>Deposited</b>	<b>Notionally</b>	<b>Adjustments</b>	<b>Vested</b>	<b>Forfeited</b>	<b>Balance at</b>
<b>Share performance rights</b>	<b>1 July 2011</b>	<b>(deducted) during the year (a)</b>	<b>granted during the year</b>	<b>granted during the year (b)</b>	<b>during the year</b>	<b>during the year</b>	<b>30 June 2012</b>
<b>Managing Director and CEO</b>							
Michael Fraser							
• TSR share bank account	50,051	-	-	1,101	(20,020)	-	31,132
• EBIT/Funds Employed share bank account	18,164	(41,152)	-	(843)	-	-	(23,831)
• Notional grant 22/6/12	-	-	146,171	5,357	-	-	151,528
• Notional grant 20/6/11	137,175	(137,175)	-	-	-	-	-
• Old LTIP grant 27/10/08	107,639	-	-	79	(105,486)	-	2,232
	<b>313,029</b>	<b>(178,327)</b>	<b>146,171</b>	<b>5,694</b>	<b>(125,506)</b>	<b>-</b>	<b>161,061</b>
<b>Executives</b>							
Anthony Fowler							
• TSR share bank account	1,066	-	-	23	(426)	-	663
• EBIT/Funds Employed share bank account	386	(4,938)	-	(167)	-	-	(4,719)
• Notional grant 22/6/12	-	-	24,596	901	-	-	25,497
• Notional grant 20/6/11	16,461	(16,461)	-	-	-	-	-
• Old LTIP grant 27/10/08	5,209	-	-	4	(5,104)	-	109
	<b>23,122</b>	<b>(21,399)</b>		<b>761</b>	<b>(5,530)</b>	<b>-</b>	<b>21,550</b>
Ken Hodgson							
• TSR share bank account	5,584	-	-	123	(2,234)	-	3,473
• EBIT/Funds Employed share bank account	2,026	(7,222)	-	(190)	-	-	(5,386)
• Notional grant 22/6/12	-	-	25,299	927	-	-	26,226
• Notional grant 20/6/11	24,075	(24,075)	-	-	-	-	-
	<b>31,685</b>	<b>(31,297)</b>		<b>860</b>	<b>(2,234)</b>	<b>-</b>	<b>24,313</b>
Paul McWilliams							
• TSR share bank account	1,256	-	-	28	(502)	-	782
• EBIT/Funds Employed share bank account	456	(2,263)	-	(66)	-	-	(1,873)
• Notional grant 22/6/12	-	-	12,017	440	-	-	12,457
• Notional grant 20/6/11	7,545	(7,545)	-	-	-	-	-
• Old LTIP grant 27/10/08	3,132	-	-	2	(3,069)	-	65
	<b>12,389</b>	<b>(9,808)</b>	<b>12,017</b>	<b>404</b>	<b>(3,571)</b>	<b>-</b>	<b>11,431</b>
Stephen Mikkelsen							
• TSR share bank account	5,617	-	-	124	(2,247)	-	3,494
• EBIT/Funds Employed share bank account	2,038	(7,407)	-	(197)	-	-	(5,566)
• Notional grant 22/6/12	-	-	27,407	1,004	-	-	28,411
• Notional grant 20/6/11	24,692	(24,692)	-	-	-	-	-
• Old LTIP grant 27/10/08	14,000	-	-	10	(13,720)	-	290
	<b>46,347</b>	<b>(32,099)</b>	<b>(32,099)</b>	<b>941</b>	<b>(15,967)</b>	<b>-</b>	<b>26,629</b>

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**Note 47 - Key management personnel disclosures (cont'd)**

**Share performance rights over ordinary shares (cont'd)**

2012	Balance at 1 July 2011	Deposited (deducted) during the year (a)	Notionally granted during the year	Adjustments granted during the year (b)	Vested during the year	Forfeited during the year	Balance at 30 June 2012
Share performance rights							
Michael Moraza							
• TSR share bank account	6,223	-	-	137	(2,489)	-	3,871
• EBIT/Funds Employed share bank account	2,258	(6,173)	-	(143)	-	-	(4,058)
• Notional grant 22/6/12	-	-	22,840	837	-	-	23,677
• Notional grant 20/6/11	20,577	(20,577)	-	-	-	-	-
• Old LTIP grant 27/10/08	7,639	-	-	6	(7,486)	-	159
	<b>36,697</b>	<b>(26,750)</b>	<b>22,840</b>	<b>837</b>	<b>(9,975)</b>	<b>-</b>	<b>23,649</b>

(a) After testing the SPRs notionally granted on 20 June 2011 against the relevant performance hurdle, the SPRs are deposited into (or deducted from) the relevant share bank account for each participant.

(b) Adjustment grants were made to adjust for dilution to the number of SPRs notionally granted on 22 June 2012 and to unvested SPRs for prior years as a result of the rights issue allotment in June 2012.

There were nil SPRs vested but not exercisable at 30 June 2012.

Details of SPRs notionally granted to key management personnel during the 2012 financial year are as follows:

Date granted	Number of SPRs	Performance period	Vesting date	Weighted average fair value
22 June 2012	258,330	1 July 2011 - 30 June 2012	1 September 2012	\$14.53

The SPRs have been provided at no cost to the recipients. No SPRs have been granted since the end of the reporting period.

For further details, including the key terms and conditions, grant and vesting dates for SPRs granted to key management personnel, refer Note 49.

2011	Balance at 1 July 2010	Deposited (deducted) during the year (a)	Notionally granted during the year	Vested during the year	Forfeited during the year	Balance at 30 June 2011
Share performance rights						
<b>Managing Director and CEO</b>						
Michael Fraser						
• TSR share bank account	-	83,418	-	(33,367)	-	50,051
• EBIT/Funds Employed share bank account	-	30,273	-	(12,109)	-	18,164
• Notional grant 20/6/11	-	-	137,175	-	-	137,175
• Notional grant 26/2/10	134,546	(134,546)	-	-	-	-
• Old LTIP grant 27/10/08	107,639	-	-	-	-	107,639
• Old LTIP grant 25/2/08	103,915	-	-	(103,915)	-	-
	<b>346,100</b>	<b>(20,855)</b>	<b>137,175</b>	<b>(149,391)</b>	<b>-</b>	<b>313,029</b>
<b>Executives</b>						
Jeff Dimery						
• TSR share bank account	-	12,625	-	(5,050)	(7,575)	-
• EBIT/Funds Employed share bank account	-	4,582	-	(1,833)	(2,749)	-
• Notional grant 26/2/10	20,364	(20,364)	-	-	-	-
• Old LTIP grant 27/10/08	18,056	-	-	-	(18,056)	-
• Old LTIP grant 11/1/08	12,188	-	-	(12,188)	-	-
	<b>50,608</b>	<b>(3,157)</b>	<b>-</b>	<b>(19,071)</b>	<b>(28,380)</b>	<b>-</b>

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**Note 47 - Key management personnel disclosures (cont'd)**

**Share performance rights over ordinary shares (cont'd)**

<b>2011</b>	<b>Balance at 1 July 2010</b>	<b>Deposited (deducted) during the year (a)</b>	<b>Notionally granted during the year</b>	<b>Vested during the year</b>	<b>Forfeited during the year</b>	<b>Balance at 30 June 2011</b>
<b>Share performance rights</b>						
Anthony Fowler						
• TSR share bank account	-	1,776	-	(710)	-	1,066
• EBIT/Funds Employed share bank account	-	644	-	(258)	-	386
• Notional grant 20/6/11	-	-	16,461	-	-	16,461
• Notional grant 26/2/10	2,864	(2,864)	-	-	-	-
• Old LTIP grant 27/10/08	5,209	-	-	-	-	5,209
• Old LTIP grant 11/1/08	2,111	-	-	(2,111)	-	-
	10,184	(444)	16,461	(3,079)	-	23,122
Ken Hodgson						
• TSR share bank account	-	9,307	-	(3,723)	-	5,584
• EBIT/Funds Employed share bank account	-	3,377	-	(1,351)	-	2,026
• Notional grant 20/6/11	-	-	24,075	-	-	24,075
• Notional grant 26/2/10	15,011	(15,011)	-	-	-	-
	15,011	(2,327)	24,075	(5,074)	-	31,685
Paul McWilliams						
• TSR share bank account	-	2,094	-	(838)	-	1,256
• EBIT/Funds Employed share bank account	-	760	-	(304)	-	456
• Notional grant 20/6/11	-	-	7,545	-	-	7,545
• Notional grant 26/2/10	3,379	(3,379)	-	-	-	-
• Old LTIP grant 27/10/08	3,132	-	-	-	-	3,132
• Old LTIP grant 11/1/08	6,140	-	-	(6,140)	-	-
	12,651	(525)	7,545	(7,282)	-	12,389
Stephen Mikkelsen						
• TSR share bank account	-	9,361	-	(3,744)	-	5,617
• EBIT/Funds Employed share bank account	-	3,397	-	(1,359)	-	2,038
• Notional grant 20/6/11	-	-	24,692	-	-	24,692
• Notional grant 26/2/10	15,099	(15,099)	-	-	-	-
• Old LTIP grant 27/10/08	14,000	-	-	-	-	14,000
• Old LTIP grant 11/1/08	19,647	-	-	(19,647)	-	-
	48,746	(2,341)	24,692	(24,750)	-	46,347
Michael Moraza						
• TSR share bank account	-	10,371	-	(4,148)	-	6,223
• EBIT/Funds Employed share bank account	-	3,764	-	(1,506)	-	2,258
• Notional grant 20/6/11	-	-	20,577	-	-	20,577
• Notional grant 26/2/10	16,728	(16,728)	-	-	-	-
• Old LTIP grant 27/10/08	7,639	-	-	-	-	7,639
• Old LTIP grant 11/1/08	5,294	-	-	(5,294)	-	-
	29,661	(2,593)	20,577	(10,948)	-	36,697

(a) After testing the SPRs notionally granted on 26 February 2010 against the relevant performance hurdle, the SPRs are deposited into (or deducted from) the relevant share bank account for each participant.

There were nil SPRs vested but not exercisable at 30 June 2011.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
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**Note 47 - Key management personnel disclosures (cont'd)**

**Share performance rights over ordinary shares (cont'd)**

Details of SPRs notionally granted to key management personnel during the 2011 financial year are as follows:

<b>Date granted</b>	<b>Number of SPRs</b>	<b>Performance period</b>	<b>Vesting date</b>	<b>Weighted average fair value</b>
20 June 2011	230,525	1 July 2010 - 30 June 2011	1 September 2011	\$7.08

**Shareholdings of key management personnel**

Details of movements during the financial year in the number of ordinary shares in the Parent Entity held directly, indirectly or beneficially, by each key management person, including their related parties, are set out below:

<b>2012</b>	<b>Balance at 1 July 2011</b>	<b>AGL Share Purchase Plan (a)</b>	<b>Dividend Reinvestment Plan (b)</b>	<b>Received on vesting of SPRs</b>	<b>Net change other (c)</b>	<b>Balance at 30 June 2012</b>	<b>Balance held nominally</b>
<b>Ordinary shares</b>							
<b>Non-executive Directors</b>							
Jeremy Maycock	55,625	352	-	-	9,313	65,290	-
Les Hosking	2,000	-	-	-	334	2,334	-
Belinda Hutchinson	6,540	-	-	-	1,090	7,630	-
Sandra McPhee	12,750	-	-	-	4,371	17,121	-
Max Ould	28,662	-	1,011	-	4,946	34,619	-
Bruce Phillips	29,000	-	-	-	4,834	33,834	-
John Stanhope	-	-	69	-	3,373	3,442	-
<b>Executive Directors</b>							
Michael Fraser	519,865	-	-	125,506	25,896	671,267	-
<b>Executives</b>							
Anthony Fowler	3,079	-	-	5,530	1,435	10,044	-
Ken Hodgson	5,179	-	317	2,234	1,289	9,019	-
Paul McWilliams	11,033	-	-	3,571	2,434	17,038	-
Stephen Mikkelsen	32,990	-	-	15,967	(24,000)	24,957	-
Michael Moraza	23,920	-	-	9,975	5,650	39,545	-

(a) Shares acquired under the AGL Share Purchase Plan in lieu of remuneration non-executive Directors and executives would have received. Beneficial interest held subject to the conditions of the Plan.

(b) Shares issued as a result of participation in the AGL Dividend Reinvestment Plan.

(c) Includes shares purchased and disposed in the ordinary course of trading on the ASX, and shares acquired as a result of their take-up of the pro-rata entitlements under the rights issue in June 2012.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 47 - Key management personnel disclosures (cont'd)**

**Shareholdings of key management personnel (cont'd)**

2011	Balance at 1 July 2010	AGL Share Purchase Plan (a)	Dividend Reinvestment Plan (b)	Received on vesting of SPRs	Net change other (c)	Balance at 30 June 2011	Balance held nominally
<b>Ordinary shares</b>							
<b>Non-executive Directors</b>							
Jeremy Maycock	45,620	303	-	-	9,702	55,625	-
Mark Johnson (d)	271,125	-	1,113	-	-	-	-
Les Hosking	2,000	-	-	-	-	2,000	-
Belinda Hutchinson	-	-	-	-	6,540	6,540	-
Sandra McPhee	10,200	-	-	-	2,550	12,750	-
Max Ould	27,755	-	907	-	-	28,662	-
Bruce Phillips	29,000	-	-	-	-	29,000	-
John Stanhope	-	-	-	-	-	-	-
<b>Executive Directors</b>							
Michael Fraser	370,474	-	-	149,391	-	519,865	-
<b>Executives</b>							
Jeff Dimery (e)	11,443	308	-	19,071	-	-	-
Anthony Fowler	-	-	-	3,079	-	3,079	-
Ken Hodgson	-	-	105	5,074	-	5,179	-
Paul McWilliams	3,751	-	-	7,282	-	11,033	-
Stephen Mikkelsen	18,240	-	-	24,750	(10,000)	32,990	-
Michael Moraza	12,972	-	-	10,948	-	23,920	-

(a) Shares acquired under the AGL Share Purchase Plan in lieu of remuneration non-executive Directors and executives would have received. Beneficial interest held subject to the conditions of the Plan.

(b) Shares issued as a result of participation in the AGL Dividend Reinvestment Plan.

(c) Includes shares purchased and disposed in the ordinary course of trading on the ASX.

(d) Mr Johnson retired as a Director on 21 October 2010 and the number of shares represent those held at the date of leaving office.

(e) Mr Dimery resigned as an Executive on 27 September 2010 and the number of shares represent those held at the date of leaving office.

**Loans to key management personnel**

There are no loans between key management personnel and the consolidated entity.

**Other transactions with key management personnel and their personally related entities**

Transactions entered into during the year with key management personnel which are within normal employee, customer or supplier relationships on terms and conditions no more favourable than dealings in the same circumstances on an arm's length basis include:

- the receipt of dividends from AGL Energy Limited;
- participation in the AGL Dividend Reinvestment Plan;
- participation in the AGL Long-Term Incentive Plan and the AGL Share Purchase Plan;
- reimbursement of expenses; and
- purchase of goods and services.



**AGL Energy Limited and Subsidiaries**  
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**For the year ended 30 June 2012**

**Note 48 - Defined benefit superannuation plans**

The consolidated entity operates three superannuation plans that provide defined benefit amounts to employees or their dependants upon retirement, resignation or death. The plans provide, in the majority of cases, benefits in the form of a lump sum based on the employee's years of service and final average salary. Contributions to the plans are predominantly based on a percentage of employees' salaries and wages. These defined benefit plans are all closed to new members. All new members receive accumulation benefits only.

The three plans are the SuperSolution Master Trust - AGL Division (SSMT), Equisuper Fund (EF) and Electricity Industry Superannuation Scheme (EISS).

On 29 June 2012, the consolidated entity acquired Loy Yang Power. A number of employees of this entity are members of a separate defined benefit section of the Equisuper Fund.

The consolidated entity also contributes to defined contribution superannuation plans for employees, which are also provided by these plans. Contributions made to these defined contribution plans are expensed as incurred.

	2012	2011
	\$m	\$m
<b>Amounts recognised in the statement of comprehensive income</b>		
Actuarial (loss)/gain incurred during the year and recognised in the statement of comprehensive income		
Actuarial (loss)/gain	(70.0)	3.6
Tax effect	21.0	(1.1)
Actuarial (loss)/gain, net of tax	(49.0)	2.5
Cumulative actuarial loss recognised in the statement of comprehensive income	(99.8)	(50.8)
<b>Amounts recognised in the income statement</b>		
Current service cost	3.8	4.7
Interest cost	9.0	9.2
Expected return on plan assets	(11.1)	(10.8)
Effect of curtailments	(0.1)	(1.0)
Expense recognised in the income statement as part of employee benefits expense (Note 9)	1.6	2.1
<b>Amounts included in the statement of financial position</b>		
Fair value of plan assets	396.4	157.6
Present value of defined benefit obligations	(621.3)	(198.2)
Deficit	(224.9)	(40.6)
Past service cost not yet recognised	1.3	-
Net liability - non-current	(223.6)	(40.6)
Net liability at beginning of year	(40.6)	(53.4)
Net liabilities assumed in a business combination	(121.4)	-
Expense recognised in the income statement	(1.6)	(2.1)
Amount recognised in the statement of comprehensive income	(70.0)	3.6
Employer contributions	10.0	11.3
Net liability at end of year	(223.6)	(40.6)
<b>Movements in the present value of defined benefit obligations</b>		
Opening defined benefit obligations	198.2	209.1
Liabilities assumed in a business combination	355.9	-
Current service cost	3.8	4.7
Interest cost	9.0	9.2
Contributions by plan participants	2.4	2.7
Actuarial loss/(gain)	71.5	(1.9)
Benefits paid	(13.4)	(12.0)
Taxes and premiums paid	(1.7)	(1.9)
Net transfers in	0.9	0.1
Curtailments	(0.1)	(1.0)
Settlements	(5.2)	(10.8)
Closing defined benefit obligations	621.3	198.2

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
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	2012	2011
	\$m	\$m
<b>Note 48 - Defined benefit superannuation plans (cont'd)</b>		
<b>Movements in the fair value of plan assets</b>		
Opening fair value of plan assets	157.6	155.7
Assets acquired in a business combination	233.2	-
Expected return on plan assets	11.1	10.8
Actuarial gain	1.5	1.7
Employer contributions	10.0	11.3
Contributions by plan participants	2.4	2.7
Benefits paid	(13.4)	(12.0)
Taxes and premiums paid	(1.7)	(1.9)
Net transfers in	0.9	0.1
Settlements	(5.2)	(10.8)
Closing fair value of plan assets	396.4	157.6

	2012	2011	2010	2009	2008
	\$m	\$m	\$m	\$m	\$m
Present value of defined benefit obligations	(621.3)	(198.2)	(209.1)	(188.8)	(154.7)
Fair value of plan assets	396.4	157.6	155.7	135.5	158.5
(Deficit)/surplus	(224.9)	(40.6)	(53.4)	(53.3)	3.8
Experience adjustments on plan assets	1.5	1.7	5.1	(32.8)	(15.2)
Experience adjustments on plan liabilities	(3.8)	(1.3)	(1.8)	(7.0)	(4.2)

The consolidated entity expects to contribute \$29.8 million (2011: \$10.6 million) to the defined benefit plans during the next financial year.

The fair value of plan assets does not include any amounts relating to any property occupied by, or other assets used by, the consolidated entity. Less than 0.5% of the fair value of the plan assets in the SuperSolution Master Trust - AGL Division comprises ordinary shares in the Parent Entity.

The expected return on plan assets is determined by weighting the expected long-term return for each asset class by the target allocation of assets to each class and allowing for correlations of the investment returns between asset classes. The returns used for each asset class are net of investment tax and investment fees. An allowance for administration expenses has been deducted from the expected return.

The actual return on plan assets was \$12.6 million (2011: \$12.5 million).

**Categories of plan assets**

The major categories of plan assets as a percentage of the fair value of total plan assets at the reporting date are as follows:

	SSMT		EF		EISS	
	2012	2011	2012	2011	2012	2011
	%	%	%	%	%	%
Australian equities	31.2	30.7	35.0	35.0	28.0	30.0
International equities	27.7	28.6	27.0	27.0	23.0	18.0
Fixed interest securities	13.5	25.8	11.0	12.0	13.0	15.0
Property	4.5	5.0	10.0	10.0	13.0	12.0
Cash	4.0	4.7	7.0	6.0	6.0	7.0
Other	19.1	5.2	10.0	10.0	17.0	18.0

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 48 - Defined benefit superannuation plans (cont'd)**

**Principal actuarial assumptions**

The principal actuarial assumptions at the reporting date (expressed as weighted averages) were as follows:

	SSMT		EF		EISS	
	2012 %	2011 %	2012 %	2011 %	2012 %	2011 %
Discount rate (after tax) active members	<b>2.8</b>	4.8	<b>2.6</b>	4.7	<b>2.8</b>	4.8
Discount rate (after tax) pensioners	-	-	-	-	<b>3.0</b>	5.2
Expected return on plan assets - active members	<b>6.3</b>	7.0	<b>7.0</b>	7.0	<b>7.0</b>	6.7
Expected return on plan assets - pensioners	-	-	-	-	<b>8.0</b>	7.7
Expected salary increase rate	<b>4.0</b>	4.0	<b>4.0</b>	4.0	<b>4.0</b>	4.0
Expected pension increase rate	-	-	-	-	<b>2.8</b>	3.0

**Defined contribution superannuation plans**

The consolidated entity makes contributions to a number of defined contribution superannuation plans. The amount recognised as an expense for the financial year ended 30 June 2012 was \$15.8 million (2011: \$14.4 million).

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 49 - Share-based payment plans**

The Parent Entity (AGL) has the following share-based payment plans:

- AGL Share Reward Plan;
- AGL Share Purchase Plan; and
- AGL Long-Term Incentive Plan.

**AGL Share Reward Plan**

The AGL Energy Limited Board of Directors approved the AGL Share Reward Plan (SRP) on 5 October 2006. Under the SRP, eligible employees may be invited on an annual basis to acquire up to \$1,000 worth of fully-paid ordinary shares in AGL for no consideration. The Board determines whether to make an offer of shares based on the consolidated entity's performance measured against specific performance hurdles set by the Board each financial year.

Eligible employees include full-time or permanent part-time employees who have completed 12 months continuous service (or such lesser period as the Board determines) and who have attained the age of 18 years. Casual employees and employees who are resident overseas can only participate at the Board's discretion. Employees participating in the AGL Long-Term Incentive Plan and the Directors of AGL are not eligible to participate.

The trustee of the SRP applies amounts contributed by entities in the consolidated entity in purchasing shares on behalf of participating employees in the ordinary course of trading on the ASX; or subscribing for shares on behalf of the participating employees. All shares acquired by the trustee are acquired at the market value of the shares.

Market value means in relation to a subscription for shares, the weighted average of the prices at which AGL's ordinary shares are traded on the ASX during the five business days up to and including the day on which the subscription occurs. Market value in relation to a purchase of shares means the price at which the shares are actually acquired in the ordinary course of trading on the ASX.

SRP shares may not be disposed before the earlier of three years after the date of acquisition or the date on which the participating employee ceases to be employed by the consolidated entity. During this period, the trustee is entitled to retain custody of share certificates or holding statements in respect of the SRP shares and to implement procedures to prevent any dealing with those shares.

SRP shares rank pari passu in all respects with all other shares and carry the same rights and entitlements, including dividend and voting rights, as those conferred by other shares.

Details of share movements in the AGL Share Reward Plan during the year are set out below:

Grant date	Balance at beginning of the year	Granted during the year	Fair value per share \$	Distributed during the year	Balance at end of the year
	Number			Number	Number
<b>2012</b>					
30 September 2011	-	76,097	\$14.17	(9,310)	66,787
22 September 2010	83,753	-	-	(15,006)	68,747
22 September 2009	79,132	-	-	(13,505)	65,627
22 September 2008	53,900	-	-	(53,900)	-
	<b>216,785</b>	<b>76,097</b>		<b>(91,721)</b>	<b>201,161</b>
<b>2011</b>					
22 September 2010	-	96,319	\$16.21	(12,566)	83,753
22 September 2009	97,309	-	-	(18,177)	79,132
22 September 2008	66,360	-	-	(12,460)	53,900
20 September 2007	48,195	-	-	(48,195)	-
	211,864	96,319		(91,398)	216,785

During the year, there were 1,553 eligible employees (2011: 1,579) who were each granted 49 ordinary shares in AGL (2011: 61). All shares granted were purchased on-market and the fair value per share is market value (as defined above).

The total expense recognised in the income statement as part of employee benefits expense during the year in relation to the AGL Share Reward Plan was:

	2012	2011
	\$m	\$m
Employee benefits expense	1.1	1.5

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
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**Note 49 - Share-based payment plans (cont'd)**

**AGL Share Purchase Plan**

The AGL Energy Limited Board of Directors approved the AGL Share Purchase Plan (SPP) on 5 October 2006. Under the SPP, the Board may in its discretion, from time to time invite any eligible employees to acquire fully-paid ordinary shares in AGL with funds provided in lieu of remuneration they would have received. The Directors of AGL may also participate in the SPP. The total amount that can be allocated to the purchase of shares under the SPP in any financial year commencing on or after 1 July 2009 is \$5,000. Eligible employees include full-time or permanent part-time employees of entities in the consolidated entity who have attained the age of 18 years. Employees who are resident overseas can only participate at the Board's discretion.

The trustee of the SPP applies amounts contributed by entities in the consolidated entity in lieu of remuneration entitlements which eligible employees or Directors would otherwise have received in purchasing shares on behalf of participating employees or Directors in the ordinary course of trading on the ASX; or subscribing for shares on behalf of the participating employees or Directors. All shares acquired by the trustee are acquired at the market value of the shares.

Market value means in relation to a subscription for shares, the weighted average of the prices at which AGL's ordinary shares are traded on the ASX during the five business days up to and including the day on which the subscription occurs. Market value in relation to a purchase of shares means the price at which the shares are actually acquired in the ordinary course of trading on the ASX.

SPP shares may not be disposed before the earlier of seven years after the date of acquisition (or, in the case of SPP shares acquired on or before 31 May 2010, 10 years), the date on which the participating employee ceases to be employed by the consolidated entity, and the Board or the trustee determines that the shares should be freed from this restriction following the written request of the participating employee. During this period, the trustee is entitled to retain custody of share certificates or holding statements in respect of the SPP shares and to implement procedures to prevent any dealing with those shares.

SPP shares rank pari passu in all respects with all other shares and carry the same rights and entitlements, including dividend and voting rights, as those conferred by other shares.

Details of share movements in the AGL Share Purchase Plan during the year are set out below:

	<b>Balance at beginning of the year</b>	<b>Purchased during the year</b>	<b>Distributed during the year</b>	<b>Balance at end of the year</b>
	<b>Number</b>	<b>Number</b>	<b>Fair value per share \$</b>	<b>Number</b>
<b>Share movements</b>	<b>Number</b>	<b>Number</b>	<b>Fair value per share \$</b>	<b>Number</b>
<b>2012</b>				
Non-executive Directors	26,709	352	\$14.20	-
Managing Director and Chief Executive Officer	169,300	-	-	-
Employees	118,385	96,140	\$15.35	(90,014)
	<b>314,394</b>	<b>96,492</b>		<b>(90,014)</b>
				<b>320,872</b>
<b>2011</b>				
Non-executive Directors	82,675	303	\$14.81	(56,269)
Managing Director and Chief Executive Officer	169,300	-	-	-
Employees	105,549	100,948	\$15.33	(88,112)
	357,524	101,251		(144,381)
				314,394

At the reporting date, there were 2 non-executive Directors (2011: 2) and 201 employees including the Managing Director (2011: 190) participating in the SPP. All shares were purchased on-market and the fair value per share is market value (as defined above).

No expense is recognised in the income statement in relation to shares purchased under the SPP as they are acquired out of salary sacrificed remuneration.

**AGL Energy Limited and Subsidiaries**  
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**Note 49 - Share-based payment plans (cont'd)**

**AGL Long-Term Incentive Plan**

The AGL Energy Limited Board of Directors approved the AGL Long-Term Incentive Plan (LTIP) on 5 October 2006 and was amended by the Board on 19 August 2009. The LTIP is an integral part of AGL's remuneration policy. It is designed to generate long term value for shareholders by linking the performance of AGL executives with the achievement of specific business and strategic goals.

Under the LTIP, participants are granted Share Performance Rights (SPRs), which vest over time if specific applicable hurdles are met. A SPR is an entitlement to one fully-paid ordinary share in AGL. On vesting, SPRs are exercised and converted to fully-paid ordinary shares in AGL. SPRs do not carry dividend or voting rights. SPRs participate in bonus issues, rights issues and reconstructions and reorganisations of the capital of AGL in the same manner as AGL ordinary shares.

Participants are restricted from entering into any derivative or other financial product in relation to the SPRs to protect against an economic exposure to price movements in AGL shares.

LTIP allocations are determined, based on market practice, so that AGL remains competitive in remuneration against its comparator group.

If a participant ceases employment before the expiry of the vesting period as a result of total and permanent disablement, redundancy, retirement, death or any other exceptional circumstances determined by the Board from time to time, any positive balance of SPRs in a participant's bank account will vest or any negative balance is eliminated.

If a participant ceases employment before the expiry of the vesting period in other circumstances, any positive balance is forfeited or any negative balance is eliminated.

All SPRs will vest in the event that a change in control of AGL occurs, subject to the performance conditions applicable to those SPRs being satisfied at that time unless the Board, in its absolute discretion, determines that it is appropriate to waive the satisfaction of the performance conditions.

AGL may issue shares or purchase shares in the ordinary course of trading on the ASX to satisfy SPRs which have vested.

**Managing Director and Senior Executives**

Grants of SPRs to eligible participants are made on an annual basis or such other times as the Board in its discretion may determine. Eligible participants are employees of any entity in the consolidated entity who are determined by the Board in its discretion to be eligible to participate in the LTIP.

The Board has an absolute discretion to determine the number of SPRs issued to an LTIP participant, and the performance conditions which must be satisfied before SPRs can vest and the period over which SPRs vest.

At the 2011 Annual General Meeting, shareholder approval was obtained for the grant of SPRs under the LTIP to Mr Fraser (Managing Director and Chief Executive Officer) in respect of the financial years ending 30 June 2012, 30 June 2013 and 30 June 2014.

On 22 June 2012, Mr Fraser received an initial notional grant of 146,171 SPRs in respect of the year ended 30 June 2012. The number of SPRs notionally granted was determined by dividing Mr Fraser's Total Fixed Remuneration (TFR) as at 1 September 2011 of \$2,080,000 by \$14.23 (being the volume weighted average price (VWAP) at which AGL's shares traded on the ASX during the 30 calendar days up to and including 30 June 2011).

On 22 June 2012, 21 executives received an initial notional grant of 217,395 SPRs in respect of the year ended 30 June 2012. The number of SPRs notionally granted was determined by taking the participant's TFR as at 1 September 2011 multiplied by their pre-agreed percentage LTI component, and divided by \$14.23 (being the volume weighted average price (VWAP) at which AGL's shares traded on the ASX during the 30 calendar days up to and including 30 June 2011).

The SPRs notionally granted are subject to two performance hurdles based on annual:

- Total Shareholder Return (TSR); and
- Growth in Earnings before interest and tax (EBIT)/Funds Employed

TSR measures the total change in the value of AGL shares over the measurement period including dividends and other distributions. TSR calculates what a dollar investment in AGL would return in percentage terms at the end of a specified period. TSR rewards consistent performance in the generation of sustained shareholder value over the long term.

EBIT/Funds Employed measures the return AGL is getting from its funds invested. EBIT/Funds Employed encourages the efficient use of capital in a capital intensive industry.

Participants will be awarded a number of SPRs in respect of each performance condition, determined by multiplying 50% of the number of their initial grant of SPRs by the multiplier indicated in the tables below which corresponds with the TSR outcome and the growth in EBIT/Funds Employed outcome for the financial year ending 30 June 2012.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
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**Note 49 - Share-based payment plans (cont'd)**

**AGL Long-Term Incentive Plan (cont'd)**

<b>Annual TSR</b>	<b>Number of SPRs awarded</b>
Equal to or greater than 14%	2 times SPRs notionally granted
Greater than 4% and less than 14%	Progressive on a straight-line basis from zero times to 2 times SPRs notionally granted
Between 4% and minus 4%	Zero times SPRs notionally granted
Less than minus 4% and greater than minus 14%	Progressive deduction on a straight-line basis from zero times to minus 2 times SPRs notionally granted
Equal to or less than minus 14%	Minus 2 times SPRs notionally granted

In the event the TSR outcome is greater than 14%, the opening share price for measuring the following year's TSR is set at a level that would have achieved 14%. In the event the TSR outcome is less than minus 14%, the opening share price for measuring the following year's TSR is set at a level that would have achieved minus 14%.

<b>Annual growth in EBIT/Funds Employed</b>	<b>Number of SPRs awarded</b>
Equal to or greater than 13%	2 times SPRs notionally granted
Greater than 2% and less than 13%	Progressive on a straight-line basis from zero times to 2 times SPRs notionally granted
Between 2% and minus 4%	Zero times SPRs notionally granted
Less than minus 4% and greater than minus 15%	Progressive deduction on a straight-line basis from zero times to minus 2 times SPRs notionally granted
Equal to or less than minus 15%	Minus 2 times SPRs notionally granted

In the event the growth in EBIT/Funds Employed outcome is greater than 13%, the EBIT/Funds Employed for measuring the following year's EBIT/Funds Employed is set at a level that would have achieved 13%. In the event the growth in EBIT/Funds Employed outcome is less than minus 13%, the opening EBIT/Funds Employed for measuring the following year's EBIT/Funds Employed is set at a level that would have achieved minus 13%.

SPRs awarded can be positive and negative. This means shares can only be awarded if there is a predetermined improvement on the prior year. Importantly however, if performance falls below a predetermined level in any year, then previously awarded SPRs will be clawed back to the extent calculated under the performance hurdles.

Each participant has two notional share bank accounts (one for TSR, the other for EBIT/Funds Employed) and these operate independently of the other in determining whether a distribution is made.

The SPRs awarded are deposited into a notional share bank account. An annual calculation is made as soon as practicable for the year ended 30 June to determine the number of SPRs to be added or deducted from the notional share bank accounts.

If there is a positive notional share bank balance in a bank account following the calculation, 40% of that balance is distributed to participants during the next AGL share trading window.

There is no distribution from a bank account if there is a negative notional share bank balance in that account following the calculation and any negative balance is carried forward to the following year.

Under the old LTIP, SPRs granted on 27 October 2008 are subject to a performance condition based on TSR with the level of vesting being dependent upon AGL's TSR performance measured against a comparable group of the ASX100 listed companies as at 1 October 2008.

The performance condition was tested initially on 1 October 2011 and the number of SPRs that vested at that time was determined in accordance with the table below. To the extent that full vesting did not occur at that point, the performance condition will be retested on 1 October 2012.

<b>AGL's TSR ranking relative to ASX100</b>	<b>Percentage of SPRs that vest</b>
TSR below 40th percentile	0%
TSR between 40th and 50th percentile	Progressive vesting on a straight-line basis from 40% to 50%
TSR between 51st and 84th percentile	Progressive vesting on a straight-line basis from >50% and <100%
TSR equal to or greater than 85th percentile	100%

**AGL Energy Limited and Subsidiaries**  
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**Note 49 - Share-based payment plans (cont'd)**

**AGL Long-Term Incentive Plan (cont'd)**

The following table sets out details of SPRs notionally granted to executives during the year:

SPRs grant	Number of SPRs	Performance period	Vesting date	Weighted average fair value
<b>2012</b>				
22 June 2012	363,566	1 July 2011 - 30 June 2012	1 September 2012	\$14.53
<b>2011</b>				
20 June 2011	298,265	1 July 2010 - 30 June 2011	1 September 2011	\$7.08

Details of SPRs movements in the AGL Long-Term Incentive Plan during the year are set out below:

SPRs grant	Balance at beginning of the year	Deposited (deducted) during the year (a)	Notionally granted during the year	Adjustments granted during the year (b)	Vested during the year	Forfeited during the year	Balance at end of the year
<b>2012</b>							
TSR share bank account	85,935	-	-	1,872	(34,897)	-	52,910
EBIT/Funds Employed share bank account	31,184	(89,475)	-	(2,149)	(316)	-	(60,756)
Notional grant 22/6/12	-	-	363,566	13,321	-	-	376,887
Notional grant 20/6/11	298,265	(298,265)	-	-	-	-	-
Old LTIP grant 27/10/08	200,640	-	-	142	(195,301)	(1,462)	4,019
	616,024	(387,740)	363,566	13,186	(230,514)	(1,462)	373,060

(a) After testing the SPRs notionally granted on 20 June 2011 against the relevant performance hurdle, the SPRs are deposited into (or deducted from) the relevant share bank account for each participant.

(b) Adjustment grants were made to adjust for dilution to the number of SPRs notionally granted on 22 June 2012 and to unvested SPRs for prior years as a result of the rights issue allotment in June 2012.

There were nil SPRs vested but not exercisable at 30 June 2012.

SPRs grant	Balance at beginning of the year	Deposited (deducted) during the year (a)	Granted during the year	Vested during the year	Forfeited during the year	Balance at end of the year
<b>2011</b>						
TSR share bank account	-	162,840	-	(65,784)	(11,121)	85,935
EBIT/Funds Employed share bank account	-	59,093	-	(23,872)	(4,037)	31,184
Notional grant 20/6/11	-	-	298,265	-	-	298,265
Notional grant 26/2/10	262,655	(262,655)	-	-	-	-
Old LTIP grant 27/10/08	240,733	-	-	(2,667)	(37,426)	200,640
Old LTIP grant 25/2/08	103,915	-	-	(103,915)	-	-
Old LTIP grant 11/1/08	99,521	-	-	(99,521)	-	-
	706,824	(40,722)	298,265	(295,759)	(52,584)	616,024

(a) After testing the SPRs notionally granted on 26 February 2010 against the relevant performance hurdle, the SPRs are deposited into (or deducted from) the relevant share bank account for each participant.

There were nil SPRs vested but not exercisable at 30 June 2011.



**AGL Energy Limited and Subsidiaries**  
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**Note 49 - Share-based payment plans (cont'd)**

**AGL Long-Term Incentive Plan (cont'd)**

The fair value of services received in return for SPRs granted are measured by reference to the fair value of SPRs granted. The estimate of the fair value of services received is measured based on the Black-Scholes and Monte Carlo simulation methods. The contractual life of the SPRs is used as an input into this model. Expectations of early vesting are incorporated into the Monte Carlo simulation method. Expected volatility is based on the historical share price volatility over the past two years.

<b>SPRs grant</b>	<b>2012 22 Jun 12</b>	<b>2011 20 Jun 11</b>
Weighted average fair value at grant date	<b>\$14.53</b>	\$7.08
Share price at grant date	<b>\$14.75</b>	\$14.24
Expected volatility	<b>20.0%</b>	15.0%
SPR life	<b>0.2 - 4.2 years</b>	0.2 - 4.2 years
Expected dividend yield	<b>5.6%</b>	4.1%
Risk free interest rate (based on government bonds)	<b>2.4% - 2.9%</b>	4.7%

The total expense recognised in the income statement as part of employee benefits expense during the year in relation to SPRs granted to the Managing Director and executives under the AGL Long-Term Incentive Plan was:

	<b>2012 \$m</b>	<b>2011 \$m</b>
Employee benefits expense	<b>5.3</b>	0.5

**AGL Energy Limited and Subsidiaries**  
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**Note 50 - Related party disclosures**

**Parent entity**

AGL Energy Limited is the parent entity of the consolidated entity.

Balances and transactions between the Parent Entity and its subsidiaries, which are related parties of the Parent Entity, have been eliminated on consolidation and are not disclosed in this note. Details of transactions between the consolidated entity and other related parties are disclosed below.

**Equity interests in subsidiaries**

Details of interests in subsidiaries are disclosed in Note 42.

**Equity interests in associates and jointly controlled entities**

Details of interests in associates and jointly controlled entities are disclosed in Note 18.

**Key management personnel**

Disclosures relating to key management personnel are set out in Note 47 and in the Directors' Report.

**Loans to associates**

On 29 June 2012, the consolidated entity completed the acquisition of Great Energy Alliance Corporation Pty Limited (GEAC), increasing its ownership from 32.54% to 100%. At the date of acquisition, the loan principal of \$122.0 million and accrued interest of \$4.5 million owing by GEAC to the Parent Entity have been eliminated on consolidation. During the financial year, interest of \$11.7 million (2011: \$10.7 million) was accrued of which \$11.4 million (2011: \$10.2 million) was capitalised as loan principal.

**Loans to jointly controlled entities**

On 6 October 2011, the consolidated entity and its joint venture partner, APA Group, entered into a loan facility agreement with Diamantina Holding Company Pty Limited (DPS Holdco) to provide interim funding in equal proportions for the construction of the 242 MW gas-fired power station in Mt Isa Queensland. At the end of the reporting period, the consolidated entity has provided a loan of \$89.7 million (2011: \$nil) including capitalised interest of \$2.3 million (2011: \$nil) to DPS Holdco. The loan is unsecured, at market interest rates and is repayable on completion of the external financing arrangements for DPS Holdco.

The Parent Entity has provided a loan to Central Queensland Pipeline Pty Ltd of \$1.5 million (2011: \$1.5 million) for operational expenditure purposes. The loan is unsecured, interest free and has no fixed repayment terms.

During the financial year, the interest free loan provided to Energy Infrastructure Management Pty Ltd of \$0.4 million (2011: \$0.4 million) was repaid.

	<b>2012</b>	<b>2011</b>
	<b>\$m</b>	<b>\$m</b>
<b>Amounts owing by associates and jointly controlled entities</b>		
ActewAGL Retail Partnership	<b>51.7</b>	54.8
Great Energy Alliance Corporation Pty Limited	-	4.1
	<b>51.7</b>	58.9
<b>Amounts owing by joint venture operations</b>		
Macarthur Wind Farm Joint Venture	<b>0.6</b>	-
Galilee Gas Project Joint Venture	<b>0.2</b>	-
	<b>0.8</b>	-
The amounts outstanding are unsecured, interest free and will be settled in cash. No expense has been recognised in the current or the prior period for bad or doubtful debts in respect of the amounts owed by associates, jointly controlled entities and joint ventures.		
<b>Amounts owing to jointly controlled entities</b>		
ActewAGL Retail Partnership	<b>1.2</b>	-

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

	2012 \$m	2011 \$m
<b>Note 50 - Related party disclosures (cont'd)</b>		
<b>Trading transactions with associates and jointly controlled entities</b>		
<b>ActewAGL Retail Partnership</b>		
The consolidated entity provided management and retail services to the ActewAGL Retail Partnership on normal commercial terms and conditions.	8.4	8.6
The consolidated entity sold gas and electricity to the ActewAGL Retail Partnership on normal commercial terms and conditions.	228.5	284.3
<b>Great Energy Alliance Corporation Pty Limited</b>		
On 29 June 2012, the consolidated entity completed the acquisition of Great Energy Alliance Corporation Pty Limited, increasing its ownership from 32.54% to 100%. Up until the date of acquisition, there were the following transactions between the consolidated entity and GEAC.		
The consolidated entity paid difference receipts from the settlement of electricity hedges on normal commercial terms and conditions.	(77.8)	(89.2)
<b>Diamantina Power Station Pty Limited</b>		
On the 6 October 2011, the consolidated entity entered into a gas supply agreement with Diamantina Power Station Pty Limited (DPS), a wholly-owned subsidiary of Diamantina Holding Company Pty Limited, to supply DPS with 138 petajoules of natural gas from May 2013 through to 2023 on normal terms and conditions.	-	-

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
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	2012 \$m	2011 \$m
<b>Note 51 - Cash flow information</b>		
<b>(a) Reconciliation of profit for the period to net cash flows from operating activities</b>		
Profit for the year	114.9	558.7
Share of profits of associates and jointly controlled entities	(16.8)	(33.6)
Dividends received from jointly controlled entities	26.7	24.3
Depreciation and amortisation	173.9	148.0
Impairment of exploration and evaluation assets	35.8	-
Impairment of available-for-sale equity investments	-	0.2
Loss on remeasurement to fair value of pre-existing equity interest in an acquired entity	120.7	-
Cumulative loss reclassified from equity of pre-existing equity interest in an acquired entity	36.3	-
Share-based payments expense	6.4	2.0
Net loss/(gain) in fair value of derivatives	304.6	(218.8)
Net loss on disposal of exploration and evaluation assets	1.1	-
Net loss on disposal of oil and gas assets	0.1	-
Net loss on disposal of property, plant and equipment	0.3	3.5
Non-cash finance costs	9.3	11.5
Capitalised finance costs	(26.8)	(15.4)
Deferred borrowing costs	(22.7)	(1.9)
Changes in assets and liabilities		
(Increase)/decrease in trade and other receivables	(207.2)	(41.8)
(Increase)/decrease in inventories	(21.5)	(30.4)
(Increase)/decrease in derivative financial instruments	0.2	(23.4)
(Increase)/decrease in other financial assets	29.8	30.0
(Increase)/decrease in other assets	(46.5)	(100.4)
Increase/(decrease) in trade and other payables	123.0	25.2
Increase/(decrease) in provisions	(39.2)	(7.8)
Increase/(decrease) in other liabilities	(3.1)	5.3
Increase/(decrease) in tax assets and liabilities	(132.8)	234.1
<b>Net cash provided by operating activities</b>	<b>466.5</b>	<b>569.3</b>
<b>(b) Subsidiaries and businesses acquired</b>		
Net cash inflow/(outflow) on acquisition of subsidiaries and businesses (Note 43)	217.5	(5.1)
<b>(c) Subsidiaries disposed</b>		
Net cash inflow on disposal of subsidiaries (Note 44)	-	163.9
<b>(d) Reconciliation of cash and cash equivalents</b>		
Cash and cash equivalents at the end of the end of the reporting period as shown in the statement of cash flows is reconciled to the related items in the statement of financial position as follows:		
Cash at bank and on hand	540.1	201.4
Short-term deposits	1,272.8	551.7
	<b>1,812.9</b>	<b>753.1</b>

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

	2012 \$m	2011 \$m
<b>Note 51 - Cash flow information (cont'd)</b>		
<b>(e) Non-cash financing and investing activities</b>		
Dividends satisfied by the issue of shares under the AGL Dividend Reinvestment Plan (Note 34)	92.4	61.9
Shares issued as consideration for acquisition of subsidiary (Note 34)	-	116.0
	<b>92.4</b>	<b>177.9</b>

**Note 52 - Economic dependency**

(a) The consolidated entity is dependent to a significant extent upon various consortia of producers for the supply of natural gas from the Cooper Basin in South Australia, the Gippsland Field in Bass Strait and the Surat/Bowen Basin in Queensland. Long-term contracts protect the continuity of supply from these producers.

The consolidated entity has an obligation to pay the consortia of producers for a specified minimum quantity of gas each contract year, irrespective of the quantity actually supplied by the producers. The consolidated entity has the right to receive, without additional payment to the producers, a future delivery of gas equivalent to the quantity paid for but not taken in any contract year.

(b) The consolidated entity is dependent to a significant extent on the acquisition of electricity from generating entities and the use of transmission systems. Ongoing contracts are in place both for the purchase of electricity and the use of the transmission systems.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 53 - Financial instruments**

**(a) Capital risk management**

The consolidated entity's objectives when managing capital are to safeguard its ability to continue as a going concern, so that it can continue to provide returns for shareholders and benefits for other stakeholders and to maintain an appropriate capital structure of debt and equity.

In order to maintain or adjust the capital structure, the consolidated entity may adjust the amount of dividends paid to shareholders, return capital to shareholders, issue new shares or sell assets to reduce debt. The consolidated entity's overall capital management strategy remains unchanged from 2011.

The capital structure of the consolidated entity consists of net debt (borrowings as detailed in Notes 26 and 30 offset by cash and cash equivalents as detailed in Note 12) and total equity of the consolidated entity (comprising issued capital, reserves and retained earnings as detailed in Notes 34, 35 and 36).

The consolidated entity monitors capital on the basis of the gearing ratio and funds from operations (FFO) to interest expense cover.

The gearing ratio is calculated as net debt divided by adjusted total capital. Net debt is calculated as total borrowings, adjusted for cross currency swap hedges and deferred borrowing costs, less cash and cash equivalents. Adjusted total capital is calculated as total equity less the hedging reserve plus net debt. The gearing ratio at the reporting date was as follows:

	<b>2012</b>	<b>2011</b>
	<b>\$m</b>	<b>\$m</b>
Current borrowings	<b>616.0</b>	886.7
Non-current borrowings	<b>3,696.0</b>	284.5
Total borrowings	<b>4,312.0</b>	1,171.2
Adjustment for cross currency swap hedges and deferred borrowing costs	<b>42.1</b>	65.2
Adjusted total borrowings	<b>4,354.1</b>	1,236.4
Cash and cash equivalents	<b>(1,812.9)</b>	(753.1)
Net debt	<b>2,541.2</b>	483.3
Total equity	<b>7,132.9</b>	6,341.5
Less: hedging reserve	<b>19.4</b>	(97.3)
Adjusted equity	<b>7,113.5</b>	6,438.8
Net debt	<b>2,541.2</b>	483.3
Adjusted total capital	<b>9,654.7</b>	6,922.1
Gearing ratio	<b>26.3%</b>	7.0%

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
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**Note 53 - Financial instruments (cont'd)**

**(a) Capital risk management (cont'd)**

FFO to interest expense cover is calculated as FFO divided by net interest expense. FFO is calculated as earnings before interest, tax, depreciation and amortisation (EBITDA), less significant items, changes in fair value of derivative financial instruments, share of profits of associates and jointly controlled entities using the equity method, plus dividends received and less income tax paid. Net interest expense includes finance costs capitalised and excludes unwinding of discount on provisions. FFO to net interest expense cover at the reporting date was as follows:

	<b>2012</b>	<b>2011</b>
	<b>\$m</b>	<b>\$m</b>
Profit before net financing costs	<b>201.4</b>	819.1
Depreciation and amortisation	<b>173.9</b>	148.0
Finance income included in EBITDA	<b>12.7</b>	11.9
EBITDA	<b>388.0</b>	979.0
Significant expense items	<b>211.7</b>	44.3
Changes in fair value of financial instruments	<b>304.6</b>	(218.8)
Operating EBITDA	<b>904.3</b>	804.5
Share of profits of associates and jointly controlled entities	<b>(16.8)</b>	(30.3)
Dividends from equity accounted investments	<b>26.7</b>	24.3
Income tax paid	<b>(180.8)</b>	(0.7)
Funds from operations (FFO)	<b>733.4</b>	797.8
Net financing costs	<b>38.5</b>	25.5
Finance income included in EBITDA	<b>12.7</b>	11.9
Finance costs capitalised	<b>26.8</b>	15.4
Unwinding of discounts on provisions	<b>(10.7)</b>	(11.4)
Unwinding of discount on contingent consideration	<b>(0.2)</b>	41.4
Net interest expense	<b>67.1</b>	41.4
FFO to interest expense cover (times)	<b>10.9</b>	19.3

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
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**Note 53 - Financial instruments (cont'd)**

**(b) Categories of financial assets and financial liabilities**

The following table details the carrying amounts and fair values of the consolidated entity's financial assets and financial liabilities:

	2012		2011	
	Carrying amount \$m	Fair value \$m	Carrying amount \$m	Fair value \$m
<b>Financial assets - current</b>				
Cash and cash equivalents	1,812.9	1,812.9	753.1	753.1
Trade and other receivables	1,531.4	1,531.4	1,272.1	1,272.1
Loans to jointly controlled entities	89.7	89.7	-	-
Futures deposits and margin calls	26.5	26.5	56.3	56.3
Derivative financial instruments - at fair value				
- Energy derivatives - cash flow hedges	120.6	120.6	22.7	22.7
- Energy derivatives - economic hedges	58.8	58.8	222.2	222.2
	<b>3,639.9</b>	<b>3,639.9</b>	<b>2,326.4</b>	<b>2,326.4</b>
<b>Financial assets - non-current</b>				
Trade and other receivables	-	-	0.5	0.5
Available-for-sale financial assets - at fair value	0.3	0.3	0.3	0.3
Loans to associates and jointly controlled entities	1.5	1.5	112.5	112.5
Derivative financial instruments - at fair value				
- Interest rate swap contracts - cash flow hedges	0.1	0.1	0.5	0.5
- Energy derivatives - cash flow hedges	429.7	429.7	51.2	51.2
	<b>431.6</b>	<b>431.6</b>	<b>165.0</b>	<b>165.0</b>
<b>Total financial assets</b>	<b>4,071.5</b>	<b>4,071.5</b>	<b>2,491.4</b>	<b>2,491.4</b>
<b>Financial liabilities - current</b>				
Trade and other payables	1,158.4	1,158.4	853.1	853.1
Bank loans	614.5	614.5	886.7	886.7
Finance lease liabilities	1.5	1.5	-	-
Derivative financial instruments - at fair value				
- Interest rate swap contracts - cash flow hedges	3.0	3.0	1.3	1.3
- Forward foreign exchange contracts - cash flow hedges	10.6	10.6	56.7	56.7
- Energy derivatives - cash flow hedges	27.0	27.0	123.2	123.2
- Energy derivatives - economic hedges	368.1	368.1	259.5	259.5
Deferred consideration liability	30.0	30.0	-	-
Contingent consideration liability	3.1	3.1	-	-
	<b>2,216.2</b>	<b>2,216.2</b>	<b>2,180.5</b>	<b>2,180.5</b>
<b>Financial liabilities - non-current</b>				
USD senior notes	337.5	337.5	274.4	274.4
Subordinated notes	650.0	650.0	-	-
Bank loans	2,585.8	2,585.8	-	-
Other loans	150.0	150.0	-	-
Finance lease liabilities	14.5	14.5	11.9	11.9
Derivative financial instruments - at fair value				
- Cross currency swap contracts - cash flow and fair value hedges	20.4	20.4	85.9	85.9
- Interest rate swap contracts - cash flow hedges	191.0	191.0	3.1	3.1
- Forward foreign exchange contracts - cash flow hedges	-	-	2.0	2.0
- Energy derivatives - cash flow hedges	5.3	5.3	3.1	3.1
Deferred consideration liability	218.2	218.2	-	-
Contingent consideration liability	1.4	1.4	-	-
	<b>4,174.1</b>	<b>4,174.1</b>	<b>380.4</b>	<b>380.4</b>
<b>Total financial liabilities</b>	<b>6,390.3</b>	<b>6,390.3</b>	<b>2,560.9</b>	<b>2,560.9</b>



**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 53 - Financial instruments (cont'd)**

**(c) Financial risk management**

The consolidated entity's activities expose it to a variety of financial risks, including market risk (interest rate risk, foreign currency risk and energy price risk), credit risk and liquidity risk. The consolidated entity's overall risk management program focuses on the unpredictability of markets and seeks to manage the impact of these risks on the consolidated entity's financial performance. The consolidated entity uses a range of derivative financial instruments to hedge these risk exposures.

The Board of Directors has overall responsibility for the establishment and oversight of the risk management policy and framework. The Board has established the Audit and Risk Management Committee, which is responsible for approving the consolidated entity's risk management policy and framework for identifying, assessing and managing risk. The Committee is also responsible for reviewing and updating the risk profile, monitoring the effectiveness of the risk management framework and reviewing at least annually the implementation of the risk management policy and framework. The Committee reports regularly to the Board of Directors on its activities.

Financial risk management is carried out by Corporate Treasury for interest rate risk, foreign currency risk and liquidity risk in accordance with the Board-approved Treasury Policy. Risk management activities in respect of energy price risk associated with the purchase and/or sale of electricity, gas and environmental products are undertaken by Merchant Energy in accordance with the Board-approved Wholesale Energy Risk Management Policy. Finance, Corporate Treasury and Merchant Energy identify, evaluate and hedge the financial risks in close cooperation with the consolidated entity's business units.

The consolidated entity has written policies covering specific areas, such as interest rate risk, foreign currency risk, energy price risk, credit risk, liquidity risk, and the use of derivative and non-derivative financial instruments. Compliance with policies and exposure limits is reviewed on a continuous basis.

**(d) Significant accounting policies**

Details of the significant accounting policies and methods adopted, including the criteria for recognition, the basis of measurement and the basis on which income and expenses are recognised, in respect of each class of financial asset and financial liability are disclosed in Note 1 to the financial statements.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 53 - Financial instruments (cont'd)**

**(e) Interest rate risk management**

The consolidated entity is exposed to interest rate risk as it borrows funds at both fixed and floating interest rates. The risk is managed by maintaining an appropriate mix between fixed and floating rate borrowings, and by the use of interest rate swap contracts or other hedging instruments.

The consolidated entity regularly analyses its interest rate exposure, by taking into consideration forecast debt positions, refinancing, renewals of existing positions, alternative financing, hedging positions and the mix of fixed and floating interest rates.

At the end of the reporting period, the consolidated entity had the following financial assets and liabilities exposed to floating interest rate risk:

	2012	2011
	\$m	\$m
<b>Floating rate instruments</b>		
<b>Financial assets</b>		
Cash and cash equivalents	1,812.9	753.1
Loans to jointly controlled entities	89.7	-
	<b>1,902.6</b>	753.1
<b>Financial liabilities</b>		
USD senior notes (after effect of cross currency swaps)	337.8	337.8
Subordinated notes	650.0	-
Bank loans	3,200.3	886.7
Other loans	150.0	-
Interest rate swap contracts	(2,759.0)	(510.0)
	<b>1,579.1</b>	714.5

**Interest rate swap contracts - cash flow hedges**

Under interest rate swap contracts, the consolidated entity agrees with other parties to exchange, at specified intervals, the difference between fixed and floating rate interest amounts calculated on agreed notional principal amounts. Such contracts enable the consolidated entity to mitigate the risk of changing interest rates on the cash flow exposures on the variable rate debt held.

The fair value of interest rate swaps at the end of the reporting period is determined by discounting the future cash flows using the yield curves at the end of the reporting period and the credit risk inherent in the contract, and is disclosed below. The average interest rate is based on the outstanding balances at the end of the reporting period.

The following table details the notional principal amounts and remaining terms of interest rate swap contracts outstanding at the end of the reporting period:

Outstanding receive floating pay fixed contracts	Average contracted fixed interest rate		Notional principal amount		Fair value	
	2012	2011	2012	2011	2012	2011
	%	%	\$m	\$m	\$m	\$m
Less than 1 year	5.52	6.32	399.0	325.0	(3.0)	(1.3)
1 to 2 years	5.63	5.50	255.0	30.0	(8.4)	(0.2)
2 to 3 years	5.53	5.51	410.0	130.0	(20.3)	(1.3)
3 to 4 years	5.96	5.46	1,805.0	260.0	(146.5)	(1.6)
4 to 5 years	5.56	5.47	60.0	55.0	(4.3)	-
5 years or more	5.41	5.63	230.0	80.0	(11.4)	0.5
			<b>3,159.0</b>	880.0	<b>(193.9)</b>	(3.9)

The aggregate notional principal amount of the outstanding interest rate swap contracts at 30 June 2012 was \$3,159.0 million (2011: \$880.0 million). Included in this amount are \$400.0 million (2011: \$370.0 million) of forward interest rate swap contracts, of which \$235.0 million commenced in the 2013 financial year, \$145.0 million commences in the 2015 financial year and \$20.0 million commences in the 2015 financial year.

The interest rate swaps settle on a quarterly basis. The floating rate on the interest rate swaps is the Australian BBSW. The consolidated entity will settle the difference between the fixed and floating interest rate on a net basis.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 53 - Financial instruments (cont'd)**

**(e) Interest rate risk management (cont'd)**

All interest rate swap contracts exchanging floating rate interest amounts for fixed rate interest amounts are designated as cash flow hedges in order to reduce the consolidated entity's cash flow exposure resulting from variable interest rates on borrowings. Interest rate swap settlement dates coincide with the dates on which interest is payable on the underlying borrowings.

The gain or loss from remeasuring the hedging instruments at fair value is recognised in other comprehensive income, to the extent that the hedge is effective. The gain or loss relating to the ineffective portion of the hedge is recognised immediately in profit or loss as part of finance costs. Amounts previously recognised in other comprehensive income and accumulated in equity in the hedging reserve are reclassified to profit or loss and included in finance costs when the hedged interest expense is recognised.

When a forecast transaction is no longer expected to occur, the gain or loss accumulated in equity is recognised immediately to profit or loss. During the year, no hedges were de-designated and all underlying forecast transactions remain highly probable to occur as per original forecast.

The following table details the movements in the hedging reserve from interest rate swap contracts:

	<b>2012</b>	<b>2011</b>
	<b>\$m</b>	<b>\$m</b>
<b>Hedging reserve</b>		
Balance at beginning of financial year	<b>(2.7)</b>	(4.5)
Loss in fair value of cash flow hedges	<b>(39.4)</b>	(2.7)
Reclassified to finance costs	<b>5.2</b>	5.2
Income tax on items taken directly to or reclassified from equity	<b>10.2</b>	(0.7)
Balance at end of financial year	<b>(26.7)</b>	(2.7)
Cash flow ineffectiveness recognised immediately in profit or loss	-	-

**Interest rate sensitivity**

The following sensitivity analysis has been determined based on the exposure to interest rates for both derivative and non-derivative instruments at the end of the reporting period and the stipulated change taking place at the beginning of the financial year and held constant throughout the reporting period.

At the end of the reporting period, if interest rates had been 50 basis points higher or lower and all other variables were held constant, the consolidated entity's profit after tax and other comprehensive income would have been affected as follows:

	<b>Profit after tax</b>		<b>Other comprehensive</b>	
	<b>Increase/(decrease)</b>		<b>Increase/(decrease)</b>	
	<b>2012</b>	<b>2011</b>	<b>2012</b>	<b>2011</b>
	<b>\$m</b>	<b>\$m</b>	<b>\$m</b>	<b>\$m</b>
Interest rates +0.5% (50 basis points)	<b>1.1</b>	0.1	<b>28.3</b>	5.6
Interest rates -0.5% (50 basis points)	<b>(1.1)</b>	(0.1)	<b>(28.9)</b>	(5.7)

The sensitivity to a 50 basis point increase or decrease in interest rates is considered reasonable, given the market forecasts available at the reporting date and under the current economic environment in which the consolidated entity operates.

The movements in profit after tax are mainly attributable to an increase/decrease in interest expense from floating rate borrowings and an increase/decrease in interest income from cash and cash equivalents. The movement in other comprehensive income is due to an increase/decrease in the fair value of interest rate swaps designated as cash flow hedges.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 53 - Financial instruments (cont'd)**

**(f) Foreign currency risk management**

The consolidated entity undertakes certain transactions denominated in foreign currencies; consequently, exposures to exchange rate fluctuations arise. Foreign currency risk arises primarily from overseas term borrowings and firm commitments for the purchase of plant and equipment which are denominated in foreign currencies. Exchange rate exposures are managed within approved policy parameters utilising forward foreign exchange contracts and cross currency swap contracts.

**Forward foreign exchange contracts - cash flow hedges**

The consolidated entity's Corporate Treasury policy requires the hedging of foreign currency risk using forward foreign exchange contracts. The Corporate Treasury's policy is to hedge currency exposures of anticipated cash flows in excess of \$0.5 million and to not enter into forward foreign exchange contracts until a firm commitment is in place.

The consolidated entity has entered into contracts to purchase plant and equipment denominated in United States dollars and Euros. The consolidated entity has entered into forward foreign exchange contracts to hedge the exchange rate risk arising from these anticipated future purchases, which are designated as cash flow hedges.

These anticipated purchases are expected to occur at various dates between one month and one year from the reporting date. The contracts are timed to mature when payments for the purchases are scheduled to be made. When necessary, forward foreign exchange contracts are rolled over at maturity.

The gain or loss from remeasuring the hedging instruments at fair value is recognised in other comprehensive income, to the extent that the hedge is effective. The gain or loss relating to the ineffective portion of the hedge is recognised immediately in profit or loss as part of other income or other expenses. When the anticipated purchase occurs, amounts previously recognised in other comprehensive income and accumulated in equity in the hedging reserve are transferred and included in the initial measurement of the cost of plant and equipment.

When a forecast transaction is no longer expected to occur, the gain or loss accumulated in equity is recognised immediately to profit or loss. During the year, no hedges were de-designated and all underlying forecast transactions remain highly probable to occur as per original forecast.

The following table details the forward foreign exchange contracts outstanding at the end of the reporting period:

	Average exchange rate		Foreign currency		Contract value		Fair value	
	2012	2011	2012 FCm	2011 FCm	2012 \$m	2011 \$m	2012 \$m	2011 \$m
<b>Outstanding contracts</b>								
<b>Cash flow hedges</b>								
<b>Buy US dollars</b>								
Less than 6 months	<b>0.993</b>	1.034	<b>43.5</b>	21.0	<b>43.8</b>	20.4	<b>(2.3)</b>	(0.3)
6 to 12 months	<b>0.978</b>	0.874	<b>18.0</b>	51.2	<b>18.4</b>	58.5	<b>(0.4)</b>	(8.6)
1 to 2 years	-	0.960	-	28.9	-	30.1	-	(1.3)
<b>Buy Euro</b>								
Less than 6 months	<b>0.635</b>	0.654	<b>23.7</b>	153.0	<b>37.3</b>	234.0	<b>(7.9)</b>	(23.8)
6 to 12 months	-	0.643	-	147.9	-	230.0	-	(24.0)
1 to 2 years	-	0.635	-	4.0	-	6.4	-	(0.7)
							<b>(10.6)</b>	<b>(58.7)</b>

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 53 - Financial instruments (cont'd)**

**(f) Foreign currency risk management (cont'd)**

**Cross currency swap contracts**

Under cross currency swap contracts, the consolidated entity has agreed to exchange specified foreign currency loan principal and interest amounts at agreed future dates at fixed exchange rates. Such contracts enable the consolidated entity to eliminate the risk of movements in foreign exchange rates related to foreign currency denominated borrowings.

The fair value of cross currency swaps at 30 June 2012 was a liability of \$20.4 million (2011: \$85.9 million), of which \$20.1 million (2011: \$22.4 million) is in a cash flow hedge relationship and \$0.3 million (2011: \$63.5 million) is in a fair value hedge relationship.

The following table details the cross currency swap contracts outstanding at the end of the reporting period:

	Average interest rate		Average exchange rate		Contract value		Fair value	
	2012	2011	2012	2011	2012	2011	2012	2011
<b>Outstanding contracts</b>	%	%			\$m	\$m	\$m	\$m
<b>Buy US dollars</b>								
5 years or more	<b>7.67</b>	7.67	<b>0.888</b>	0.888	<b>337.8</b>	337.8	<b>(20.4)</b>	(85.9)

The following table details the movements in the hedging reserve from forward foreign exchange contracts and cross currency swap contracts:

	2012	2011
	\$m	\$m
<b>Hedging reserve</b>		
Balance at beginning of financial year	<b>(56.8)</b>	(0.5)
Loss in fair value of cash flow hedges	<b>3.5</b>	(88.3)
Reclassified to finance costs	<b>6.6</b>	3.3
Transferred to plant and equipment	<b>40.3</b>	4.6
Income tax on items taken directly to or transferred from equity	<b>(15.1)</b>	24.1
Balance at end of financial year	<b>(21.5)</b>	(56.8)
Cash flow ineffectiveness recognised immediately in profit or loss	-	-

**Foreign currency sensitivity**

The following table details the sensitivity to a 10% increase or decrease in the Australian dollar against the relevant foreign currencies. A sensitivity of 10% has been used as this is considered reasonable given the current level of exchange rates and the volatility observed both on a historical basis and market expectations for future movements.

The sensitivity analysis includes only outstanding foreign currency denominated financial instruments and adjusts their translation at the end of the reporting period for a 10% change in foreign currency rates.

At the end of the reporting period, if the Australian dollar had been 10% higher or lower and all other variables were held constant, the consolidated entity's profit after tax and other comprehensive income would have been affected as follows:

	Profit after tax		Other comprehensive	
	Increase/(decrease)		Increase/(decrease)	
	2012	2011	2012	2011
	\$m	\$m	\$m	\$m
US dollar +10%	-	-	<b>(3.8)</b>	(6.0)
US dollar -10%	-	-	<b>4.6</b>	7.4
Euro +10%	-	-	<b>(1.9)</b>	(25.8)
Euro -10%	-	-	<b>2.3</b>	31.5

The movement in other comprehensive income is due to an increase/decrease in the fair value of forward foreign exchange contracts designated as cash flow hedges.

**AGL Energy Limited and Subsidiaries**  
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**Note 53 - Financial instruments (cont'd)**

**(g) Energy price risk management**

The consolidated entity is exposed to energy price risk associated with the purchase and/or sale of electricity, gas and environmental products.

The consolidated entity manages energy risk through an established risk management framework consisting of policies to place appropriate risk limits on overall energy market exposures and transaction limits for approved energy commodities, requirements for delegations of authority on trading, regular reporting of exposures and segregation of duties.

It is the policy of the consolidated entity to actively manage the electricity price exposure arising from both forecast electricity generation and retail customer electricity load. The consolidated entity's risk management policy for electricity price risk is to hedge forecast future transactions for up to five years into the future.

Exposures to fluctuations in the wholesale market electricity prices are managed through the use of various types of derivative financial instruments.

The following table details the fair value of electricity derivatives outstanding at the end of the reporting period:

	<b>2012</b>	<b>2011</b>
	<b>\$m</b>	<b>\$m</b>
<b>Energy derivative financial assets - current</b>		
Electricity derivatives - cash flow hedges	<b>120.6</b>	22.7
Electricity derivatives - economic hedges	<b>58.8</b>	222.2
	<b>179.4</b>	244.9
<b>Energy derivative financial assets - non-current</b>		
Electricity derivatives - cash flow hedges	<b>429.7</b>	51.2
	<b>429.7</b>	51.2
<b>Energy derivative financial liabilities - current</b>		
Electricity derivatives - cash flow hedges	<b>27.0</b>	123.2
Electricity derivatives - economic hedges	<b>368.1</b>	259.5
	<b>395.1</b>	382.7
<b>Energy derivative financial liabilities - non-current</b>		
Electricity derivatives - cash flow hedges	<b>5.3</b>	3.1
	<b>5.3</b>	3.1

**Electricity derivatives - cash flow hedges**

Derivative financial instruments are used by the consolidated entity in the normal course of business in order to hedge exposure to fluctuations in electricity prices. The aggregate notional volumes of the outstanding electricity derivatives at 30 June 2012 were 43.8 million MWh (2011: 101.3 million MWh). Electricity derivatives are either designated in cash flow hedge relationships or remain non-designated.

The hedged anticipated electricity purchase and sale transactions are expected to occur continuously over the next five years from the end of the reporting period consistent with the forecast demand from customers over this period.

The effective portion of changes in the fair value of electricity derivatives that are designated and qualify as cash flow hedges is recognised in other comprehensive income. The gain or loss relating to the ineffective portion of the hedge is recognised immediately in profit or loss as part of gain/(loss) in fair value of electricity derivatives. Amounts previously recognised in other comprehensive income and accumulated in equity in the hedging reserve are reclassified to profit or loss and included in cost of sales in each period in which the underlying purchase or sale transactions are recognised.

When a forecast transaction is no longer expected to occur, the gain or loss accumulated in equity is recognised immediately to profit or loss. During the year, no hedges were de-designated and all underlying forecast transactions remain highly probable to occur as originally forecast.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 53 - Financial instruments (cont'd)**

**(g) Energy price risk management (cont'd)**

**Electricity derivatives - economic hedges**

The consolidated entity has entered into certain derivative instruments for economic hedging purposes under the Board-approved risk management policies, which do not satisfy the requirements for hedge accounting under AASB 139 *Financial Instruments: Recognition and Measurement*. These derivatives are therefore required to be categorised as held for trading and are classified in the statement of financial position as economic hedges. Changes in the fair value of derivative instruments that do not qualify for hedge accounting are recognised immediately in profit or loss as part of gain/(loss) in fair value of electricity derivatives.

During the year a net fair value loss of \$304.6 million (2011: gain of \$219.1 million) was recognised in profit or loss by the consolidated entity.

The following table details the movements in the hedging reserve from electricity derivatives:

	<b>2012</b>	<b>2011</b>
	<b>\$m</b>	<b>\$m</b>
<b>Hedging reserve</b>		
Balance at beginning of financial year	<b>(40.3)</b>	(138.3)
Loss in fair value of cash flow hedges	<b>50.0</b>	(27.4)
Reclassified to cost of sales	<b>104.1</b>	169.9
Income tax on items taken directly to or transferred from equity	<b>(46.2)</b>	(44.5)
Balance at end of financial year	<b>67.6</b>	(40.3)
Cash flow ineffectiveness loss recognised immediately in profit or loss	-	0.3

**Energy price sensitivity**

The following table details the sensitivity to a 10% increase or decrease in the forward prices for electricity. A sensitivity of 10% has been used as this is considered reasonably possible, based on historical data relating to the level of volatility in electricity prices.

At the end of the reporting period, if the forward prices for electricity had been 10% higher or lower and all other variables were held constant, the consolidated entity's profit after tax and other comprehensive income equity would have been affected as follows:

	<b>Profit after tax</b>		<b>Other comprehensive</b>	
	<b>Increase/(decrease)</b>		<b>Increase/(decrease)</b>	
	<b>2012</b>	<b>2011</b>	<b>2012</b>	<b>2011</b>
	<b>\$m</b>	<b>\$m</b>	<b>\$m</b>	<b>\$m</b>
Electricity forward price +10%	<b>6.6</b>	100.9	<b>80.4</b>	73.2
Electricity forward price -10%	<b>(10.7)</b>	(100.8)	<b>(78.4)</b>	(73.2)

The movement in profit after tax is mainly attributable to an increase/decrease in the fair value of certain energy derivative instruments which are economic hedges but do not satisfy the requirements for hedge accounting. The movement in other comprehensive income is due to an increase/decrease in the fair value of energy hedging instruments designated as cash flow hedges.

**(h) Other price risks**

The consolidated entity's exposure to equity price risk is minimal. Equity price risk arises from an equity investment in an ASX listed entity and which is classified in the statement of financial position as available-for-sale financial assets. The investment is held for strategic rather than trading purposes.

The price risk for the listed investment is immaterial in terms of the possible impact on profit or loss or other comprehensive income and as such a sensitivity analysis has not been completed.

**AGL Energy Limited and Subsidiaries**  
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**Note 53 - Financial instruments (cont'd)**

**(i) Credit risk management**

Credit risk refers to the risk that a counterparty will default on its contractual obligations resulting in financial loss to the consolidated entity. Credit risk arises from the consolidated entity's financial assets, which comprise cash and cash equivalents, trade and other receivables, loans to associates and derivative financial instruments.

The consolidated entity manages its exposure to credit risk using credit risk management policies which provide credit exposure limits and contract maturity limits based on the credit worthiness of counterparties. The consolidated entity's exposure and the credit ratings of its counterparties are continuously monitored and the aggregate value of transactions concluded is spread among approved counterparties.

Trade and other receivables consist of over 3.4 million residential, small business and large commercial and industrial customers, in New South Wales, Victoria, South Australia and Queensland. Ongoing credit evaluation is performed on the financial condition of customers and, where appropriate, an allowance for doubtful debts is raised. The consolidated entity does not have any significant credit risk exposure to any single customer or any group of customers. For further details regarding trade and other receivables, refer to Note 13.

Credit risk arising from transactions in money market instruments, foreign exchange derivative contracts and interest rate derivatives contracts with financial institutions is managed by Corporate Treasury in accordance with the Board-approved Treasury Policy. The consolidated entity limits its exposure to credit risk by investing surplus funds and entering into derivative financial instruments only with approved financial institutions that have a credit rating of at least A from Standard & Poor's and within credit limits assigned to each financial institution.

Credit risk arising from the use of derivative financial instruments to manage energy price risk is managed by Merchant Energy in accordance with the Board-approved Wholesale Energy Risk Management Policy. Derivative counterparties are limited to high creditworthy financial institutions and other organisations in the energy industry. Derivative counterparties are assigned approved credit limits and contract maturity limits based on independent credit ratings from Standard & Poor's, Fitch or Moody's where available, or otherwise by internal assessment and credit scoring based on published financial statements and market information for each counterparty.

As there are a limited number of energy organisations to enable management of energy price risk, there is limited scope for managing credit risk through diversification of counterparties. Any request for credit exposure limits or contract maturity limits above those assigned for a counterparty must be referred to the Board for approval. The credit worthiness of counterparties is closely monitored over the life of the transaction. Credit exposure and maturity exposure by individual counterparty are continuously monitored and reported on regularly.

The consolidated entity also utilises International Swaps and Derivative Association (ISDA) agreements with derivative counterparties in order to limit exposure to credit risk through the netting of amounts receivable from and amounts payable to individual counterparties.

At the end of the reporting period, there was a significant concentration of credit risk with certain counterparties in relation to electricity derivatives undertaken in accordance with the consolidated entity's hedging and risk management activities.

The carrying amount of the financial assets recognised in the financial statements, which is net of impairment losses, represents the maximum exposure to credit risk.

The consolidated entity does not hold any collateral or other credit enhancements to cover this credit risk.



**AGL Energy Limited and Subsidiaries**  
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**Note 53 - Financial instruments (cont'd)**

**(j) Liquidity risk management**

Liquidity risk is the risk that the consolidated entity will not be able to meet its financial obligations as they fall due. Ultimate responsibility for liquidity risk management rests with the Board of Directors, who have established an appropriate liquidity risk management framework for the management of the consolidated entity's short-, medium- and long-term funding and liquidity management requirements.

The consolidated entity manages liquidity risk by maintaining adequate cash reserves, banking facilities and reserve borrowing facilities, by continuously monitoring forecast and actual cash flows and matching the maturity profiles of financial assets and liabilities. Note 30 sets out details of undrawn financing facilities that the consolidated entity has access to at the end of the reporting period.

The following table details the consolidated entity's remaining contractual maturity for its non-derivative financial liabilities with agreed repayment periods. The table has been drawn up based on the undiscounted cash flows of financial liabilities based on the earliest date on which the consolidated entity can be required to pay. The table includes both interest and principal cash flows. To the extent that interest flows are at floating rate, the undiscounted amount is derived from interest rate curves at the end of the reporting period. The contractual maturity is based on the earliest date on which the consolidated entity may be required to pay.

	<b>Less than 6 months \$m</b>	<b>6 - 12 months \$m</b>	<b>1 - 2 years \$m</b>	<b>2 - 5 years \$m</b>	<b>More than 5 years \$m</b>	<b>Total \$m</b>
<b>2012</b>						
<b>Non-derivative financial liabilities</b>						
Trade and other payables	1,158.4	-	-	-	-	1,158.4
USD senior notes	7.6	7.6	15.1	45.4	439.9	515.6
Subordinated notes	26.7	29.4	59.4	191.5	2,061.3	2,368.3
Bank loans	834.5	125.7	249.0	2,249.1	527.3	3,985.6
Finance lease liabilities	0.8	0.8	-	14.5	178.4	194.5
Other loans	5.7	7.3	25.7	75.7	249.0	363.4
Deferred consideration liability	-	30.0	30.7	96.8	386.3	543.8
Contingent consideration liability	3.1	-	1.6	-	-	4.7
	<b>2,036.8</b>	<b>200.8</b>	<b>381.5</b>	<b>2,673.0</b>	<b>3,842.2</b>	<b>9,134.3</b>
<b>2011</b>						
<b>Non-derivative financial liabilities</b>						
Trade and other payables	853.1	-	-	-	-	853.1
USD senior notes	7.2	7.2	14.5	43.4	447.5	519.8
Bank loans	910.7	-	-	-	-	910.7
Finance lease liabilities	-	-	0.1	0.2	178.4	178.7
	1,771.0	7.2	14.6	43.6	625.9	2,462.3

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**Notes to the Consolidated Financial Statements**  
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**Note 53 - Financial instruments (cont'd)**

**(j) Liquidity risk management (cont'd)**

The following table details the consolidated entity's expected maturity for its non-derivative financial assets. The table has been drawn up based on the undiscounted contractual maturities of the financial assets including interest that will be earned on those assets. The inclusion of information on non-derivative financial assets is necessary in order to understand the consolidated entity's liquidity risk management, as the liquidity is managed on a net asset and liability basis.

	Less than 6 months \$m	6 - 12 months \$m	1 - 2 years \$m	2 - 5 years \$m	More than 5 years \$m	Total \$m
<b>2012</b>						
<b>Non-derivative financial assets</b>						
Cash and cash equivalents	1,824.3	-	-	-	-	1,824.3
Trade and other receivables	1,531.4	-	-	-	-	1,531.4
Futures deposits and margin calls	26.5	-	-	-	-	26.5
Loans to associates and jointly controlled entities	89.7	-	1.5	-	-	91.2
	<b>3,471.9</b>	<b>-</b>	<b>1.5</b>	<b>-</b>	<b>-</b>	<b>3,473.4</b>
<b>2011</b>						
<b>Non-derivative financial assets</b>						
Cash and cash equivalents	758.1	-	-	-	-	758.1
Trade and other receivables	1,272.1	-	0.5	-	-	1,272.6
Futures deposits and margin calls	56.3	-	-	-	-	56.3
Loans to associates and jointly controlled entities	5.5	5.6	11.1	33.2	196.4	251.8
	<b>2,092.0</b>	<b>5.6</b>	<b>11.6</b>	<b>33.2</b>	<b>196.4</b>	<b>2,338.8</b>

The following table details the consolidated entity's liquidity analysis for its derivative financial instruments. The table has been drawn up based on the undiscounted net cash inflows and outflows on those derivatives instruments that settle on a net basis, and the undiscounted gross inflows and outflows on those derivatives that require gross settlement. For interest rate swaps, the amount disclosed has been determined by reference to the projected interest rates as illustrated by the yield curves at the end of the reporting period.

	Less than 6 months \$m	6 - 12 months \$m	1 - 2 years \$m	2 - 5 years \$m	More than 5 years \$m	Total \$m
<b>2012</b>						
<b>Derivative financial instruments</b>						
Gross settled						
- Cross currency swap contracts - pay leg	(10.5)	(10.4)	(19.1)	(66.5)	(497.9)	(604.4)
- Cross currency swap contracts - receive leg	7.6	7.6	15.1	45.4	397.2	472.9
Net pay	(2.9)	(2.8)	(4.0)	(21.1)	(100.7)	(131.5)
Net settled						
- Interest rate swap contracts	(30.1)	(35.5)	(65.0)	(78.5)	(2.8)	(211.9)
- Forward foreign exchange contracts	(10.1)	(0.4)	-	-	-	(10.5)
- Electricity derivatives	(201.9)	(68.3)	(53.6)	(9.6)	-	(333.4)
	<b>(245.0)</b>	<b>(107.0)</b>	<b>(122.6)</b>	<b>(109.2)</b>	<b>(103.5)</b>	<b>(687.3)</b>
<b>2011</b>						
<b>Derivative financial instruments</b>						
Gross settled						
- Cross currency swap contracts - pay leg	(13.0)	(12.8)	(26.5)	(85.5)	(568.0)	(705.8)
- Cross currency swap contracts - receive leg	7.2	7.2	14.5	43.4	447.5	519.8
Net pay	(5.8)	(5.6)	(12.0)	(42.1)	(120.5)	(186.0)
Net settled						
- Interest rate swap contracts	(2.9)	(1.5)	(1.9)	1.5	1.3	(3.5)
- Forward foreign exchange contracts	(24.1)	(32.6)	(2.0)	-	-	(58.7)
- Electricity derivatives	(217.9)	(58.6)	(103.5)	(16.9)	-	(396.9)
	<b>(250.7)</b>	<b>(98.3)</b>	<b>(119.4)</b>	<b>(57.5)</b>	<b>(119.2)</b>	<b>(645.1)</b>

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**Notes to the Consolidated Financial Statements**  
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**Note 53 - Financial instruments (cont'd)**

**(k) Fair value measurements**

The following table provides an analysis of financial instruments that are measured subsequent to initial recognition at fair value, grouped into Levels 1 to 3 based on the degree to which the fair value is observable.

- Level 1 fair value measurements are those derived from quoted prices (unadjusted) in active markets for identical assets or liabilities.
- Level 2 fair value measurements are those derived from inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly (as prices) or indirectly (derived from prices).
- Level 3 fair value measurements are those derived from valuation techniques that include inputs for the asset or liability that are not based on observable market data (unobservable inputs).

	Level 1 \$m	Level 2 \$m	Level 3 \$m	Total \$m
<b>2012</b>				
<b>Financial assets</b>				
Available-for-sale financial assets				
- Shares in listed entities	0.3	-	-	0.3
Derivative financial instruments				
- Interest rate swap contracts - cash flow hedges	-	0.1	-	0.1
- Energy derivatives - cash flow hedges	-	130.5	419.8	550.3
- Energy derivatives - economic hedges	8.2	50.5	-	58.7
	<b>8.5</b>	<b>181.1</b>	<b>419.8</b>	<b>609.4</b>
<b>Financial liabilities</b>				
Derivative financial instruments				
- Cross currency swap contracts - cash flow and fair value hedges	-	(20.4)	-	(20.4)
- Interest rate swap contracts - cash flow hedges	-	(194.0)	-	(194.0)
- Forward foreign exchange contracts - cash flow hedges	-	(10.6)	-	(10.6)
- Energy derivatives - cash flow hedges	-	(32.3)	-	(32.3)
- Energy derivatives - economic hedges	(18.3)	(276.9)	(72.9)	(368.1)
	<b>(18.3)</b>	<b>(534.2)</b>	<b>(72.9)</b>	<b>(625.4)</b>
<b>2011</b>				
<b>Financial assets</b>				
Available-for-sale financial assets				
- Shares in listed entities	0.3	-	-	0.3
Derivative financial instruments				
- Forward foreign exchange contracts - cash flow hedges	-	0.5	-	0.5
- Energy derivatives - cash flow hedges	-	67.9	6.0	73.9
- Energy derivatives - economic hedges	9.1	106.0	107.1	222.2
	9.4	174.4	113.1	296.9
<b>Financial liabilities</b>				
Derivative financial instruments				
- Cross currency swap contracts - cash flow and fair value hedges	-	(85.9)	-	(85.9)
- Interest rate swap contracts - cash flow hedges	-	(4.4)	-	(4.4)
- Forward foreign exchange contracts - cash flow hedges	-	(58.7)	-	(58.7)
- Energy derivatives - cash flow hedges	-	(124.6)	(1.7)	(126.3)
- Energy derivatives - economic hedges	(29.4)	(136.9)	(93.2)	(259.5)
	<b>(29.4)</b>	<b>(410.5)</b>	<b>(94.9)</b>	<b>(534.8)</b>

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 53 - Financial instruments (cont'd)**

**(k) Fair value measurements (cont'd)**

There were no material transfers between Level 1 and Level 2 during the year.

The fair value of financial instruments with standard terms and conditions and traded in active liquid markets (such as publicly traded derivatives and listed equity investments) is determined with reference to quoted market prices at the end of the reporting period. These instruments are included in Level 1.

The fair value of financial instruments that are not traded in an active market (for example, over-the-counter derivatives) is determined by using appropriate valuation techniques and making assumptions that are based on market conditions existing at the end of each reporting period. The fair value of forward foreign exchange contracts is calculated as the present value of expected future cash flows relating to the difference between the contract rates and the market forward rates at the end of the reporting period. Interest rate and cross currency swaps are measured at the present value of future cash flows estimated and discounted based on the applicable yield curves derived from quoted interest rates. These derivative financial instruments are included in Level 2.

In the circumstances where a valuation technique for derivative financial instruments is based on significant unobservable inputs, such instruments are included in Level 3.

The following table provides a reconciliation of fair value movements in Level 3 financial instruments.

	<b>Energy derivatives</b>	
	<b>2012</b>	2011
	<b>\$m</b>	\$m
Opening balance	<b>18.2</b>	38.8
Total gains and losses recognised in profit or loss	<b>(158.1)</b>	(10.5)
Purchases	-	2.7
Settlements	<b>94.1</b>	(11.0)
Transfers in from level 2	<b>(27.1)</b>	(1.8)
Acquisition through business combination	<b>419.8</b>	-
Closing balance	<b>346.9</b>	18.2

The total gains or losses for the year included a loss of \$75.9 million relating to electricity derivative contracts held at the end of the reporting period (2011: a loss of \$37.8 million). Fair value gains or losses on electricity derivatives are included in the line item 'cost of sales - (gain)/loss in fair value of electricity derivatives' in Note 6.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 54 - Subsequent events**

There has not been any other matter or circumstance, other than that referred to in the financial statements or notes thereto, that has arisen since the end of the financial year, that has significantly affected, or may significantly affect, the operations of the consolidated entity, the results of those operations, or the state of affairs of the consolidated entity in future financial periods other than:

**Repayment of Loy Yang A debt**

On 13 August 2012, AGL repaid \$978.1 million of Loy Yang A secured debt assumed at the date of acquisition of Great Energy Alliance Corporation Pty Limited.

**Final dividend**

On 22 August 2012, the Directors of AGL resolved to pay a fully franked final dividend of 32.0 cents per share, amounting to \$174.7 million. The record date for the final dividend is 5 September 2012 with payment to be made on 27 September 2012. Shares will commence trading ex-dividend on 30 August 2012.

The AGL Dividend Reinvestment Plan (DRP) will be in operation and shares will be allotted at a 1.5% discount to the simple average of the daily weighted average market price at which AGL's ordinary shares are traded on ASX during each of the 10 trading days commencing on 7 September 2012.

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

**Note 55 - Parent Entity information**

The accounting policies of the Parent Entity, which have been applied in determining the financial information shown below, are the same as those applied in the consolidated financial statements. Refer to Note 1 for a summary of the significant accounting policies relating to the consolidated entity.

	2012 \$m	2011 \$m
<b>Financial position</b>		
<b>Assets</b>		
Current assets	1,373.5	738.7
Non-current assets	9,641.0	8,305.7
<b>Total assets</b>	<b>11,014.5</b>	<b>9,044.4</b>
<b>Liabilities</b>		
Current liabilities	274.7	1,278.6
Non-current liabilities	4,841.8	2,429.0
<b>Total liabilities</b>	<b>5,116.5</b>	<b>3,707.6</b>
<b>Equity</b>		
Issued capital	5,227.3	4,244.6
Reserves		
Employee equity benefits	2.6	0.6
Hedging	(41.3)	(18.6)
Retained earnings	709.4	1,110.2
<b>Total equity</b>	<b>5,898.0</b>	<b>5,336.8</b>
<b>Financial performance</b>		
Loss for the year	(111.9)	(101.8)
Other comprehensive income	(33.4)	(12.0)
<b>Total comprehensive income for the year</b>	<b>(145.3)</b>	<b>(113.8)</b>
<b>Guarantees entered into by the parent entity in relation to the debts of its subsidiaries</b>		
The Parent Entity has entered into a Deed of Cross Guarantee with the effect that it guarantees the debts in respect of its wholly-owned subsidiaries.		
Further details of the Deed of Cross Guarantee and the subsidiaries subject to the deed, are disclosed in Notes 41 and 45 respectively.		
<b>Contingent liabilities</b>		
The Directors are of the opinion that provisions are not required in respect of the following matters, as it is either not probable that a future sacrifice of economic benefits will be required or the amount is not capable of reliable measurement.		
The Parent Entity has various contingent liabilities arising in connection with the sale of certain subsidiaries and a jointly controlled entity. Under the various sale agreements the Parent Entity has given warranties and indemnities in relation to tax related matters, environmental and other specific liabilities.		
The Parent Entity is a party to various other legal actions and claims which have arisen in the ordinary course of business. Any liabilities arising from such legal actions and claims are not expected to have a material adverse effect on the Parent Entity.		
The Parent Entity has provided warranties and indemnities to certain third parties in relation to the performance of contracts by various wholly-owned subsidiaries.		
<b>Capital expenditure commitments</b>		
<b>Plant and equipment</b>		
No longer than one year	-	-
Longer than one year and not longer than five years	-	-
Longer than five years	-	-
	-	-

**AGL Energy Limited and Subsidiaries**  
**Notes to the Consolidated Financial Statements**  
**For the year ended 30 June 2012**

	<b>2012</b>	<b>2011</b>
	\$	\$
<b>Note 56 - Net tangible asset backing</b>		
Net tangible asset backing per ordinary share	<b>7.26</b>	6.95

Net tangible assets are defined as net assets of the consolidated entity less intangible assets. The number of AGL shares on issue at the end of the reporting period was 545.9 million (2011: 461.3 million).

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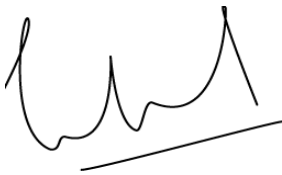
## AGL Energy Limited and Subsidiaries

### Directors' Declaration For the year ended 30 June 2012

The Directors of AGL Energy Limited declare that:

- (a) in their opinion, there are reasonable grounds to believe that the Parent Entity will be able to pay its debts as and when they become due and payable;
- (b) in their opinion, the financial statements and notes thereto are in compliance with International Financial Reporting Standards, as stated in Note 1(a) to the financial statements;
- (c) in their opinion, the attached financial statements and notes thereto are in accordance with the *Corporations Act 2001*, including compliance with accounting standards and giving a true and fair view of the financial position and performance of the consolidated entity;
- (d) in their opinion, there are reasonable grounds to believe that the Parent Entity and the subsidiaries identified in Note 42 will be able to meet any obligations or liabilities to which they are or may become subject, by virtue of the Deed of Cross Guarantee between the Parent Entity and those subsidiaries pursuant to ASIC Class Order 98/1418; and
- (e) the Directors have been given the declarations required by s.295A of the *Corporations Act 2001*.

Signed in accordance with a resolution of the Directors



**Jeremy Maycock**  
Chairman

Sydney, 22 August 2012



The Board of Directors  
AGL Energy Limited  
101 Miller Street  
North Sydney NSW 2060

22 August 2012

Dear Board Members

### AGL Energy Limited

In accordance with section 307C of the Corporations Act 2001, I am pleased to provide the following declaration of independence to the directors of AGL Energy Limited.

As lead audit partner for the audit of the financial statements of AGL Energy Limited for the financial year ended 30 June 2012, I declare that to the best of my knowledge and belief, there have been no contraventions of:

- (i) the auditor independence requirements of the Corporations Act 2001 in relation to the audit; and
- (ii) any applicable code of professional conduct in relation to the audit.

Yours sincerely

*Deloitte Touche Tohmatsu*

DELOITTE TOUCHE TOHMATSU

*BJ Pollock*

BJ Pollock  
Partner  
Chartered Accountants

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## Independent Auditor's Report to the Members of AGL Energy Limited

### Report on the Financial Report

We have audited the accompanying financial report of AGL Energy Limited, which comprises the Consolidated Statement of Financial Position as at 30 June 2012, the Consolidated Income Statement, the Consolidated Statement of Comprehensive Income, the Consolidated Statement of Cash Flows and the Consolidated Statement of Changes in Equity for the year ended on that date, notes comprising a summary of significant accounting policies and other explanatory information, and the Directors' Declaration of the consolidated entity, comprising the company and the entities it controlled at the year's end or from time to time during the financial year as set out on pages 3 to 107 of the AGL Financial Report 2012.

#### *Directors' Responsibility for the Financial Report*

The directors of the company are responsible for the preparation of the financial report that gives a true and fair view in accordance with Australian Accounting Standards and the *Corporations Act 2001* and for such internal control as the directors determine is necessary to enable the preparation of the financial report that is free from material misstatement, whether due to fraud or error. In Note 1, the directors also state, in accordance with Accounting Standard AASB 101 *Presentation of Financial Statements*, that the consolidated financial statements comply with International Financial Reporting Standards.

#### *Auditor's Responsibility*

Our responsibility is to express an opinion on the financial report based on our audit. We conducted our audit in accordance with Australian Auditing Standards. Those standards require that we comply with relevant ethical requirements relating to audit engagements and plan and perform the audit to obtain reasonable assurance whether the financial report is free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial report. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the financial report, whether due to fraud or error. In making those risk assessments, the auditor considers internal control, relevant to the entity's preparation of the financial report that gives a true and fair view, in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by the directors, as well as evaluating the overall presentation of the financial report.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

## *Auditor's Independence Declaration*

In conducting our audit, we have complied with the independence requirements of the *Corporations Act 2001*. We confirm that the independence declaration required by the *Corporations Act 2001*, which has been given to the directors of AGL Energy Limited, would be in the same terms if given to the directors as at the time of this auditor's report.

## *Opinion*

In our opinion, the financial report of AGL Energy Limited is in accordance with the *Corporations Act 2001*, including:

- (a) giving a true and fair view of the consolidated entity's financial position as at 30 June 2012 and of its performance for the year ended on that date; and
- (b) complying with Australian Accounting Standards and the *Corporations Regulations 2001*.

## **Report on the Remuneration Report**

We have audited the Remuneration Report included in pages 12 to 29 of the Directors' Report for the year ended 30 June 2012. The Directors of the company are responsible for the preparation and presentation of the Remuneration Report in accordance with section 300A of the *Corporations Act 2001*. Our responsibility is to express an opinion on the Remuneration Report, based on our audit conducted in accordance with Australian Auditing Standards.

## *Opinion*

In our opinion the Remuneration Report of AGL Energy Limited for the year ended 30 June 2012, complies with section 300A of the *Corporations Act 2001*.

*Deloitte Touche Tohmatsu*

DELOITTE TOUCHE TOHMATSU

*BJ Pollock*

BJ Pollock  
Partner  
Chartered Accountants  
Sydney, 22 August 2012