

The Senate

Select Committee on
Fuel and Energy

Final Report

August 2010

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ISBN 978-1-74229-350-9

This document was prepared by the Senate Select Committee on Fuel and Energy and was printed by the Senate Printing Unit, Department of the Senate, Parliament House, Canberra.

Members of the committee

Members

Senator Mathias Cormann, Chair	LP, WA
Senator Steve Hutchins, Deputy Chair	ALP, NSW
Senator David Bushby	LP, TAS
Senator Anne McEwen	ALP, SA
Senator Steve Fielding	FFP, VIC (until 11 Nov 2008)
Senator Concetta Fierravanti-Wells	LP, NSW (until 12 Nov 2008)
Senator Mitch Fifield	LP, VIC (from 12 Nov 2008)
Senator Barnaby Joyce	NATS, QLD (until 18 Mar 2010)
Senator the Hon. Ian Macdonald	LP, QLD (from 18 Mar 2010)

Participating members

Senator Mark Bishop	ALP, WA
Senator Don Farrell	ALP, SA
Senator Steve Fielding	FFP, VIC (from 11 Nov 2008)
Senator Mary Jo Fisher	LP, SA
Senator Mark Furner	ALP, QLD
Senator Barnaby Joyce	NATS, QLD (from 18 Mar 2010)
Senator Gavin Marshall	ALP, VIC
Senator Nick Xenophon	IND, SA

Secretariat

Ms Penelope Robinson	Secretary (from Feb 2010)
Ms Naomi Bleaser	Secretary (Oct 2008 - Jan 2010)
Ms Roxane Le Guen	Secretary (June 2008 - Oct 2008)
Dr Phil Larkin	Principal Research Officer (Oct 2008 - Dec 2008)
Ms Kyriaki Mechanicos	Senior Research Officer (from Oct 2008)
Ms Meredith Bond	Executive Assistant (Aug 2008 - June 2009)
Ms Clare Guest	Executive Assistant (July 2009 - Aug 2009)
Ms Christina Tieu	Executive Assistant (from Aug 2009)

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Table of contents

Members of the committee	iii
---------------------------------------	------------

Final Report

Terms of reference	1
Scope	2
Conduct of the inquiry to date	2
Acknowledgement	3
Recommendation	3

Appendix 1

Terms of reference	5
Appointment of the committee	7

Appendix 2

Submissions received	9
-----------------------------------	----------

Appendix 3

Submissions received regarding the Henry Tax Review and the government's initial response	13
--	-----------

Appendix 4

Witnesses who appeared before the committee at public hearings	15
---	-----------

Appendix 5

Index of documents tabled at public hearings	37
---	-----------

Appendix 6

Committee site visits	45
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Final Report

Terms of reference

1.1 On 25 June 2008, the Senate established the Senate Select Committee on Fuel and Energy (the committee) to inquire into and report on the impact of higher petroleum, diesel and gas prices and several related matters.

1.2 The full terms of reference for this inquiry are extensive and can be found at appendix 1. As the committee's terms of reference are broad, the committee concentrated on evidence received regarding energy and fuel security in the final stage of its inquiry, specifically addressing the following parts of the inquiry's terms of reference:

- (e) the existing set of federal and state government regulatory powers as they relate to fuel and energy products;
- (f) taxation arrangements on fuel and energy products including:
 - (i) Commonwealth excise,
 - (ii) the goods and services tax, and
 - (iii) new state and federal taxes;
- (g) the role of alternative sources of energy to coal and alternative fuels to petroleum and diesel, including but not limited to: LPG, LNG, CNG, gas to liquids, coal to liquids, electricity and bio-fuels such as, but not limited to, ethanol;
- (h) domestic energy supply and the domestic oil/gas exploration and refinement industry, with particular reference to:
 - (i) the impact of Commonwealth, state and local government regulations on these industries,
 - (ii) increasing domestic oil/gas exploration and refinement activities, with a view to reducing Australia's reliance on imported oil,
 - (iii) other tax incentives, and
 - (iv) securing Australia's future domestic energy supply;

1.3 The committee has tabled two interim reports since it was established. The first interim report, *The CPRS: Economic cost without environmental benefit*, mainly addressed term of reference 'd' which referred to the possible impact of an emissions trading scheme on the fuel and energy industry. The committee's second interim report, *The mining tax: Still bad for the economy-Still bad for jobs*, covered the committee's examination of the Australia's Future Tax System Review (Henry Tax

Review), the government's subsequent proposed policies and the impact these policies may have on the fuel and energy industry.

Scope

1.4 This final report summarises the work the committee has undertaken since its establishment.

Conduct of the inquiry to date

1.5 The inquiry was advertised in *The Australian* and details of the inquiry were placed on the committee's website. The committee invited submissions from a wide range of interested organisations, government departments and individuals, and sought supplementary submissions specifically addressing the terms of reference outlined above, from those submitters who had provided submissions to the first stage of the inquiry. The committee continued to accept submissions throughout the inquiry, and to date the committee has received 138 submissions, which are listed at appendix 2, and 21 submissions on the Henry Tax Review Report and the government's response, which are listed at appendix 3.

1.6 Since its first interim report, the committee has held 13 public hearings in Canberra, Perth, Hobart, Melbourne, Sydney and Adelaide. In total the committee has held 25 public hearings since it commenced its inquiry on 25 June 2008. Details of the public hearings, including a list of the witnesses who gave evidence are provided at appendix 4. A list of the documents tabled at the committee's public hearings is at appendix 5.

1.7 The committee has also undertaken a further nine site visits since its first interim report. On 14 September 2009, the committee visited Infigen Energy's Capital Wind Farm to learn about wind power and how wind farms operate. In late September 2009, the committee undertook a week of intensive travel to a number of sites, in an attempt to gain a practical understanding of the operations of various sectors of the fuel and energy industry. On 21 September 2009 the committee flew out to the Geodynamics Innamincka Geothermal Tenement to gain an appreciation of the concept of Hot Fractured Rocks geothermal energy and its expected potential as an energy source in the future. The committee then continued to the Santos Moomba facility where they observed the production processes for both oil and gas. On 22 September 2009, the committee attended BHP Billiton's Olympic Dam mining operation to gain a practical understanding of the uranium production process, and the extent of Australia's uranium resources. Following this, on 23 September 2009, the committee visited the Karratha Gas Plant to gain an appreciation of the process of producing and developing gas for domestic use and export. Finally, on 24 September 2009, at the end of a rigorous week of site visits, the committee attended TRUenergy's Yallourn mine and power station to observe the operation of the facilities and gain an understanding of the role they play in providing a source of power.

1.8 Following the intensive site visit program, the committee travelled to Sydney on Monday 7 December 2009 to visit the Australian Nuclear Science and Technology Organisation (ANSTO) to gain an understanding of the work conducted by ANSTO and some of the issues associated with nuclear science. Later that day the committee also travelled to the School of Physics at the University of Sydney to learn about the school's work in the nuclear science field.

1.9 The committee undertook its most recent site visit on 15 March 2010, attending Country Energy's Intelligent Networks Research and Demonstration Centre, where they observed smart grid and smart metering technology. Since the committee commenced its inquiry a total of 12 site visits have been undertaken to inform the committee's understanding of the operation of various sectors of the industry, and a list of these site visits can be found at appendix 6.

1.10 On 19 July 2010, the Governor-General prorogued the 42nd Parliament and dissolved the House of Representatives. Due to the timing of the election, the committee was unable to complete its third and final report. Accordingly, the committee recommends that, in the new Parliament, the Senate re-establish the Select Committee on Fuel and Energy with the same terms of reference as the current committee, empowered to consider all the evidence and records received by it and for the specific purpose of completing and tabling a comprehensive report on the findings of the committee.

Acknowledgement

1.11 The committee thanks those organisations, government departments and individuals who made submissions and gave evidence at the committee's public hearings. The committee would also like to express its appreciation to those who hosted the committee during its site visits.

Recommendation 1

1.12 The committee recommends that, in the new Parliament, the Senate re-establish the Select Committee on Fuel and Energy with the same terms of reference as the current committee, empowered to consider all the evidence and records received by it and for the specific purpose of completing and tabling a comprehensive report on the findings of the committee.



Senator Mathias Cormann
CHAIR

Appendix 1

Terms of reference

That a select committee, to be known as the Select Committee on Fuel and Energy, be established to inquire into and report by **30 August 2010** on:

- a. the impact of higher fuel and energy prices on:
 - i. families,
 - ii. small business,
 - iii. rural and regional Australia,
 - iv. grocery prices, and
 - v. key industries, including but not limited to tourism and transport;
- b. the role and activities of the Petrol Commissioner, including whether the Petrol Commissioner reduces the price of petroleum;
- c. the operation of the domestic energy markets, and petroleum, diesel and gas markets, including the fostering of maximum competition and provision of consumer information;
- d. the impact of an emissions trading scheme on the fuel and energy industry, including but not limited to:
 - i. prices,
 - ii. employment in the fuel and energy industries, and any related adverse impacts on regional centres reliant on these industries,
 - iii. domestic energy supply, and
 - iv. future investment in fuel and energy infrastructure;
- e. the existing set of federal and state government regulatory powers as they relate to fuel and energy products;
- f. taxation arrangements on fuel and energy products including:
 - i. Commonwealth excise,
 - ii. the goods and services tax, and
 - iii. new state and federal taxes;
- g. the role of alternative sources of energy to coal and alternative fuels to petroleum and diesel, including but not limited to: LPG, LNG, CNG, gas to liquids, coal to liquids, electricity and bio-fuels such as, but not limited to, ethanol;
- h. domestic energy supply and the domestic oil/gas exploration and refinement industry, with particular reference to:
 - i. the impact of Commonwealth, state and local government regulations on these industries,

- ii. increasing domestic oil/gas exploration and refinement activities, with a view to reducing Australia's reliance on imported oil,
 - iii. other tax incentives, and
 - iv. securing Australia's future domestic energy supply;
- i. the impact of higher petroleum, diesel and gas prices on public transport systems, including the adequacy of public transport infrastructure and record of public transport investment by state governments; and
- j. any related matters.

Appointment of the committee

That the committee consist of 8 members, 2 nominated by the Leader of the Government in the Senate, 4 nominated by the Leader of the Opposition in the Senate, 1 nominated by the Leader of Family First in the Senate and 1 nominated by any minority group or independent senator.

- a. on the nominations of the Leader of the Government in the Senate, the Leader of the Opposition in the Senate and any minority group and independent senators, participating members may be appointed to the committee;
- b. participating members may participate in hearings of evidence and deliberations of the committee, and have all the rights of members of committee, but may not vote on any questions before the committee; and
- c. a participating member shall be taken to be a member of the committee for the purpose of forming a quorum of the committee if a majority of members of the committee is not present.

That the committee may proceed to the dispatch of business notwithstanding that not all members have been duly nominated and appointed and notwithstanding any vacancy.

That the committee elect an Opposition member as its chair.

That the chair of the committee may, from time to time, appoint another member of the committee to be the deputy chair of the committee, and that the member so appointed act as chair of the committee at any time when there is no chair or the chair is not present at a meeting of the committee.

That, in the event of an equally divided vote, the chair, or the deputy chair when acting as chair, have a casting vote.

That the committee have power to appoint subcommittees consisting of 4 or more of its members and to refer to any subcommittee any matter which the committee is empowered to examine.

That the committee and any subcommittee have power to send for and examine persons and documents, to move from place to place, to sit in public or in private, notwithstanding any prorogation of the Parliament or dissolution of the House of Representatives, and have leave to report from time to time its proceedings and the evidence taken and interim recommendations.

That the committee be provided with all necessary staff, facilities and resources and be empowered to appoint persons with specialist knowledge for the purposes of the committee with the approval of the President.

That the committee be empowered to print from day to day such documents and evidence as may be ordered by it, and a daily Hansard be published of such proceedings as take place in public.

Appendix 2

Submissions received

No.	Submitter
01	Mr Mark Minnis
02	Mr Paul Greig
03	Ms Carol O'Donnell
04	People for Ecologically Sustainable Transport
05	Mr David Archibald
05a	Mr David Archibald
05b	Mr David Archibald
05c	Mr David Archibald
05d	Mr David Archibald
06	Australian Lot Feeders' Association
06a	Australian Lot Feeders' Association
07	Ms Christine White-Heal
08	Vietnam Veterans Motorcycle Club
09	Smithson Planning
09a	Smithson Planning
10	TNT
11	UnitingCare Wesley
11a	UnitingCare Wesley
12	Law Council of Australia
13	Mr Leon Voesenek
14	DomGas Alliance
14a	DomGas Alliance
15	Gil J May
16	Meals on Wheels Association
17	WA Sustainable Energy Association Inc
18	Australian Petroleum Production & Exploration Association
18a	Australian Petroleum Production & Exploration Association
18b	Australian Petroleum Production & Exploration Association
18c	Australian Petroleum Production & Exploration Association
19	The West Australian Farmers Federation Inc.
20	National Civic Council (WA)
21	Construction, Forestry, Mining & Energy Union
22	Southern Cross Care (WA) Inc.
23	Gippsland Resources Group
24	Australian Pork Limited
25	CSIRO
26	Biofuels Association of Australia
27	WA Department of Agriculture and Food
28	Mr Danny Stewart

29	CONFIDENTIAL
30	Sustainable Transport Coalition of Western Australia
31	The Royal Automobile Club of Queensland Limited
31a	The Royal Automobile Club of Queensland Limited
32	Chamber of Commerce and Industry WA
33	Mr Bob Fozzard
33a	Mr Bob Fozzard
33b	Mr Bob Fozzard
34	Australian Pipeline Industry Association
34a	Australian Pipeline Industry Association
35	Mr John Morrissey
36	Energy Strategies Pty Ltd
37	Eastern Star Gas Limited
38	Resources and Chemistry Precinct, Curtin University of Technology
39	Mr Alan Harris
40	National Civic Council Sugar Industry Reform Committee
41	Ford Motor Company of Australia Limited
42	Mr J Hanrahan
43	Mr Peter Hulme
44	National Farmers Federation
45	Post Office Agents Association Limited
46	Motor Trades Association of Australia
46a	Motor Trades Association of Australia
47	South Australian Farmers Federation
48	Commonwealth Fisheries Association
49	Mr Geoff Ward
50	Department of the Environment, Water, Heritage and the Arts
51	Mrs M. Isobel Jones
52	Western Power
52a	Western Power
53	LPG Australia
53a	LPG Australia
54	Mr Denis and Mrs Raelene Auberson
54a	Mr Denis and Mrs Raelene Auberson
55	Cement Industry Federation
56	South West Group
57	Australian Industry Greenhouse Network
58	Virgin Blue
59	Australian Institute of Petroleum
60	Shell Australia
61	Leighton Holdings Limited
62	Spitfire Oil Pty Ltd
62a	CONFIDENTIAL ATTACHMENT
63	Qantas Airways Limited
63a	Qantas Airways Limited
64	Tourism Western Australia

65	Australian Bureau of Agricultural and Resource Economics (ABARE)
65a	Australian Bureau of Agricultural and Resource Economics (ABARE)
66	Exxon Mobil Australia Pty Ltd
66a	CONFIDENTIAL ATTACHMENT
66b	CONFIDENTIAL ATTACHMENT
67	The Hon. Wilson Tuckey MP, Member for O'Connor
68	BP Australia Ltd
68a	CONFIDENTIAL ATTACHMENT
68b	CONFIDENTIAL ATTACHMENT
69	Energy Networks Association Ltd
70	Department of Agriculture, Fisheries and Forestry
71	Plantation Energy Australia Pty Ltd
71a	Plantation Energy Australia Pty Ltd
72	Mr Barry Campbell
73	The Australian Workers' Union
74	Energy Supply Association of Australia
74a	Energy Supply Association of Australia
75	Griffin Energy
76	Australian Academy of Technological Sciences and Engineering
76a	Australian Academy of Technological Sciences and Engineering
77	Queensland Resources Council
77a	Queensland Resources Council
78	Hydro Aluminium Kurri Kurri Pty Ltd
79	Resources Law International
80	Gladstone Area Promotion and Development Limited
81	Mackay Sugar Limited
82	Futureworld National Centre for Appropriate Technology Inc
83	Mackay Conservation Group
84	Mackay Tourism
85	Mr Ralph Davies
85a	Mr Ralph Davies
86	Mackay Whitsunday Regional Economic Development Corporation
87	Mackay Area Industry Network Cooperative
88	Renewable Fuels Australia
89	Gippsland Area Consultative Committee Inc
90	Wollongong City Council
91	Mr Eriks Velins
91a	Mr Eriks Velins
92	M.G. Gane
93	SANTOS Ltd
94	Kuwait Petroleum International Aviation Company Ltd
95	Australian Uranium Association
96	Advanced Fuels Technology Pty Ltd
97	HEH Australian Petroleum Consultancy Co.
98	Natural Gas Vehicles Australia
99	Hydro Tasmania

100	Ms C Eccleston
101	Friends of the Earth Australia
102	Australian Nuclear Association
103	Mr Matt Mushalik
104	CSR Ltd
105	Greenpeace Australia Pacific
106	Geodynamics Limited
107	Bioenergy Australia
108	Woodside Energy Ltd
109	MBD Energy Limited
110	Transend Networks Pty Ltd
111	Australian ITER Forum
112	Truck Industry Council
113	National Generators Forum
114	North West Shelf Gas Pty Ltd
115	Mr Robert Gisubl
116	Australian Taxi Industry Association
117	Queensland Government
118	Australian Food and Grocery Council
119	Dr Robert Turtle
120	Environment Business Australia
121	Australian Nuclear Science and Technology Organisation
122	Westfarmers Kleenheat Gas Pty Ltd
123	GM Holden Ltd
124	Caltex Australia
125	Australian Trucking Association
126	NRMA Motoring and Services
127	Department of the Treasury
128	Sustainable Renewable Energy Company
129	Minerals Council of Australia
130	Premier of South Australia
131	Ceramic Fuel Cells Limited
132	Australasian Convenience and Petroleum Marketers Association
133	Mobil Oil Australia Pty Ltd
134	Smart Grid Australia
135	Engineers Australia
136	WireAlert
137	Australians for Northern Development and Economic Vision
138	Cogen Energy

Appendix 3

Submissions received regarding the Henry Tax Review and the government's initial response

No.	Submitter
H1	Australian Energy Market Commission
H2	Australian Energy Regulator
H3	Australian Energy Market Operator
H4	Australian ITER Forum
H5	Australasian Convenience and Petroleum Marketers Association
H6	Australian Geothermal Energy Association
H7	Western Power
H8	Woodside Energy
H9	Griffin Energy
H10	Energy Supply Association of Australia
H11	LPG Australia
H12	Australian Automobile Association
H13	BlueScope Steel
H14	Australian Academy of Technological Sciences and Engineering
H15	CONFIDENTIAL
H16	BOC Limited
H17	Australian Petroleum Production and Exploration Association
H18	The Australian Workers' Union
H19	BP Australia Limited
H20	Premier of New South Wales (NSW) on behalf of the NSW Government
H21	Premier of Western Australia (WA) on behalf of the WA Government

Appendix 4

Witnesses who appeared before the committee at public hearings

Perth, Monday 17 November 2008

CANION, Mr Andrew, Senior Adviser, Industry Policy
Chamber of Commerce and Industry of Western Australia

CONNELL, Mr John, Manager, Economic Services
Department of Agriculture and Food, Western Australia

CRAWFORD, Mr Steve, Director Strategic Policy
Tourism Western Australia

CUSWORTH, Ms Nicola, Director, Macroeconomic Policy
Department of Treasury and Finance, Western Australia

FITZHARDINGE, Mr Christopher, Director
South West Group

FORREST, Mr Gavin, Manager Strategy
Western Power

FYRST, Mr Valentin, Strategic Policy Adviser
Western Power

HOHNEN, Mr Stuart, Chairman
DomGas Alliance

JOHNSON, Mr Robert, Western Australian Energy Research Alliance Coordinator
Curtin University of Technology

KER, Mr Ian, Committee Member
Sustainable Transport Coalition of Western Australia

LOMAS, Ms Amy, Assistant Director, Emissions Trading Unit
Department of Treasury and Finance, Western Australia

OTTAVIANO, Dr Michael, Managing Director
Carnegie Corporation Ltd

OWEN, Professor Anthony, Professor of Energy Economics
Curtin University of Technology

SOUTHWELL, Mr Phil, General Manager, Strategy and Corporate Affairs
Western Power

TUDOR, Mr Frank, Chair, Resources and Energy Committee
Chamber of Commerce and Industry of Western Australia

WILLS, Professor Raymond, Chief Executive Officer
Western Australian Sustainable Energy Association Inc

WOFFENDEN, Mr Mark, Executive Director, Resources and Chemistry Precinct
Curtin University of Technology

WORTH, Dr David, Committee Member
Sustainable Transport Coalition of Western Australia

Canberra, Wednesday 19 November 2008

BAIN, Mrs Robyn, Chief Executive Officer
Cement Industry Federation

BROSCHOFSKY, Mr Peter, Group General Manager, Environment and Fuel
Conservation
Qantas Airways

CARTWRIGHT, Ms Cheryl, Chief Executive
Australian Pipeline Industry Association

COLLEY, Mr Peter, National Research Director, Mining and Energy Division
Construction, Forestry, Mining and Energy Union

DAVIES, Mr Steven, Policy Adviser
Australian Pipeline Industry Association

DWYER, Mr Damian, Director, Energy Markets and Climate Change
Australian Petroleum Production and Exploration Association Ltd

ELVERTON, Ms Jean, General Manager, Procurement Services
Qantas Airways

FARLOW, Mr Andrew, Sustainability Development Policy Manager
Cement Industry Federation

GRAHAM, Mr Paul, Theme Leader, Energy Futures
Commonwealth Scientific and Industrial Research Organisation

McCALLUM, Mr Mark, Deputy Chief Executive, Policy and External Relations
Australian Petroleum Production and Exploration Association Ltd

McELHONE, Mr Charles, Economics Manager
National Farmers Federation

QUINN, Ms Meghan, Manager, Climate Change Modelling Unit
Department of the Treasury

ROBINSON, Ms Belinda, Chief Executive
Australian Petroleum Production and Exploration Association Ltd

SCHANDL, Dr Heinz, Group Leader and Senior Researcher
Commonwealth Scientific and Industrial Research Organisation Sustainable
Ecosystems

STERLAND, Mr Barry, First Assistant Secretary, Emissions Trading Division
Department of Climate Change

Melbourne, Monday 8 December 2008

ALLMAN, Ms Gemma, Manager, Issues and Government Relations, Upstream
ExxonMobil Australia Group of Companies

ANGWIN, Mr Michael, Executive Director
Australian Uranium Association

BAILEY, Mr Alan, Manager, Issues and Government Relations, Downstream
ExxonMobil Australia Group of Companies

COATES, Mr Peter, Chairman
Minerals Council of Australia

EVANS, Mr Gregory, Director Economics
Australian Chamber of Commerce and Industry

HANNAGAN, Mr John, Chairman
RUSAL Australia

HAUG, Ms Elly, Government Liaison Manager
Ford Motor Co. of Australia Ltd

HOOKE, Mr Mitchell, Chief Executive
Minerals Council of Australia

ISON, Mr Michael, Acting Executive Director
Australian Aluminium Council

KEEN, Mr Gordon, ANZ GHG Issue Manager
ExxonMobil Australia Group of Companies

PEARSON, Mr Brendan, Deputy to Chief Executive
Minerals Council of Australia

Canberra, Monday 2 February 2009

BEASLEY, Mr Burt, Acting Executive Director
Australian Coal Association

BLYTH, Mr Andrew, Chief Executive Officer
Energy Networks Association

BOSHIER, Mr John, Executive Director
National Generators Forum

BOTTO, Mr Carlo, Director
National Generators Forum

BROADBENT, Ms Gail, Sustainable Transport Campaigner
Australian Conservation Foundation

CROFTS, Mr Brad, Environmental Economist
Australian Workers' Union

GLEESON, Mr Hugh, Chief Executive Officer, United Energy Development
Energy Networks Association

HITCHENS, Mr Michael, Chief Executive Officer
Australian Industry Greenhouse Network

HOWES, Mr Paul, National Secretary
Australian Workers' Union

MORRIS, Mr Peter, Director, Economics
Australian Coal Association

PASCOE, Mr Owen, Climate Change Campaigner
Australian Conservation Foundation

SAVAGE, Ms Clare, Acting Chief Executive Officer
Energy Supply Association of Australia

SCHAAP, Dr Harry, Policy Adviser
National Generators Forum

SCOTT, Ms Samantha, Director, Policy and International
Australian Coal Association

SIMSHAUSER, Dr Paul, Director
National Generators Forum

STIRLING, Mr Ian, Chief Executive Officer, ElectraNet
Energy Supply Association of Australia

WATTS, Ms Emma, Research Officer
Australian Industry Greenhouse Network

Melbourne, Tuesday 17 February 2009

ARMSTRONG, Mr Graham, Associate Consultant
National Institute of Economics and Industry Research

BECK, Dr Vaughan, Technical Director and Fellow
Australian Academy of Technological Sciences and Engineering

BENSON, Ms Paula, General Manager, Corporate Affairs
Alcoa of Australia

BRAIN, Dr Peter, Executive Director
National Institute of Economic and Industry Research

BURGESS, Dr John, Fellow
Australian Academy of Technological Sciences and Engineering

JACKMAN, Mr Gavin, Director, Government Affairs
BP Australia

JACKSON, Mr Robert, General Manager, Policy
Clean Energy Council

LAVER, Mr Peter, Vice President and Fellow
Australian Academy of Technological Sciences and Engineering

MANNING, Dr Ian, Deputy Executive Director
National Institute of Economic and Industry Research

McAULIFFE, Mr Tim, Manager, Environment and Sustainable Development
Alcoa of Australia

PROEGLER, Mr Mark, Director, Environmental Policy
BP Australia

WARREN, Mr Matthew, Chief Executive Officer
Clean Energy Council

Perth, Wednesday 18 February 2009

BRADLEY, Mr Leon, Chairman, Western Graingrowers Committee and Climate
Change Spokesman
Pastoralists and Graziers Association of Western Australia (Inc)

CREMIN, Mr Shane, Market Development Manager
Griffin Energy

CUSWORTH, Ms Nicola, Director, Macroeconomic Policy
Department of Treasury and Finance, Western Australia

EGGLESTON, Mr Peter, External Affairs Manager
Chevron Australia Pty Ltd

KINT, Mr Thyl, Chief Executive Officer
Spitfire Oil Pty Ltd

LOMAS, Ms Amy, Assistant Director, Emissions Trading Unit
Department of Treasury and Finance, Western Australia

LUMB, Mr Matthew, Chief Projects Officer
Griffin Coal Mining Co Pty Ltd

MUMBY, Mr Sheldon, Policy Director
Pastoralists and Graziers Association of Western Australia (Inc)

TORKINGTON, Mr John, Senior Adviser on Climate Change Policy
Chevron Australia Pty Ltd

TRUMBLE, Mr Wayne, Executive General Manager, Power Generation
Griffin Energy

WHITE, Ms Gail, Public Relations Consultant
Spitfire Oil Pty Ltd

Sydney, Thursday 19 February 2009

CROFTS, Mr Bradley, Economist
Australian Workers' Union

KEOGH, Mr Michael, Executive Director
Australian Farm Institute

McKIBBIN, Professor Warwick
Private capacity

WAIN, Ms Fiona, Chief Executive Officer
Environment Business Australia

WESTMORE, Mr Anthony, Senior Policy Officer (Electricity)
Australian Council of Social Service

WOODWARD, Mr Stephen, Chief Executive Officer
Australian Liquefied Petroleum Gas Association Ltd

Brisbane, Friday 20 February 2009

BEAMES, Mr Ross, Member
Biofuels Association of Australia

FURZE, Ms Susan, Senior Transport Economist
Royal Automobile Club of Queensland

HARRISON, Mr Bruce, Chief Executive Officer
Biofuels Association of Australia

ROCHE, Mr Michael, Chief Executive
Queensland Resources Council

ROTH, Mr Michael, Executive Manager, Public Policy
Royal Automobile Club of Queensland

RYNNE, Mr David, Principal Adviser, Industry Policy
Queensland Resources Council

THORPE, Mr Simon, General Manager, Safety Systems
Virgin Blue Airlines

TOPHAM, Mr Frank, Manager, Government Affairs and Media
Caltex Australia Ltd

WHITE, Mr David, Environment Program Adviser
Virgin Blue Airlines

Wollongong, Wednesday 1 April 2009

CORNISH, Mr Noel, Chief Executive, Australian and NZ Steel Manufacturing
Businesses
BlueScope Steel

GALE, Mr Stephen, Regional Director Climate Change
Futureworld National Centre for Appropriate Technology/Hatch

HAMILL, Mr David, Chairman
Envirogen Pty Ltd

MESSER, Dr Judy, President
Futureworld National Centre for Appropriate Technology

RICE, Mr Jeffrey, Chief Executive Officer
Envirogen Pty Ltd

RORRIS, Mr Arthur, Secretary
South Coast Labour Council

THOMAS, Mr Alan, General Manager Engineering, Technology and Environment
BlueScope Steel

VAN ROOYEN, Mr Jonathan, Director
Envirogen Pty Ltd

Canberra, Thursday 2 April 2009

FISHER, Dr Brian
Private capacity

HILLMAN, Mr Ralph, Executive Director
Australian Coal Association

MORRIS, Mr Peter, Director, Economic Policy
Australian Coal Association

PEARCE, Mr David, Executive Director
Centre for International Economics

PRICE, Mr Daniel, Managing Director
Frontier Economics

QUINN, Ms Meghan, Manager, Climate Change Modelling Division
Department of the Treasury

RICHARDS, Mr Andrew, Executive Manager, Government and Corporate Affairs
Pacific Hydro Pty Ltd

STERLAND, Mr Barry, Acting Deputy Secretary
Department of Climate Change

WHEELIHAN, Mr Bernard, Chair
Pacific Hydro Pty Ltd

Mackay, Monday 6 April 2009

BRITTON, Mr Tony, Director
Mackay Area Industry Network (MAIN) Cooperative

CAMILLERI, Councillor Darryl, Deputy Mayor
Mackay Regional Council

HILDEBRAND, Mr Quinton, Chief Executive Officer
Mackay Sugar Ltd

HODGSON, Mr John, Projects Manager
Mackay Sugar Ltd

KEARNEY, Mr James, Director
Mackay Area Industry Network (MAIN) Cooperative

OMUNDSON, Mr Barry, Director, Commercial Services
Mackay Regional Council

PEARSE, Ms Narelle, Chief Executive Officer, Mackay Whitsunday Regional
Economic Development Corporation (WREDC); and Managing Director
Mackay Area Industry Network (MAIN) Cooperative

PHILLIPS, Mr David, General Manager
Mackay Tourism Ltd

WESTCOTT, Mr Charles, Chairman of Directors
Mackay Sugar Ltd

Gladstone, Tuesday 7 April 2009

CHIFFOLEAU, Ms Gaetane, Sustainability and Environment Officer
Gladstone Regional Council

CHURCHILL, Mr Glenn, Chief Executive Officer
Gladstone Area Promotion and Development Limited

CREED, Mr George, Mayor
Gladstone Regional Council

DOHERTY, Mr Ronald, Director, Environment and Regulation
Gladstone Regional Council

DONOVAN, Mr Rocky, Vice President
Gladstone Chamber of Commerce and Industry

LAWSON, Mr Matthew, Commercial Manager, Gladstone Plant
Cement Australia

RITCHIE, Mr Stuart, National Sustainability Manager
Cement Australia

ROBERTSON, Mr James, President
Gladstone Chamber of Commerce and Industry

Canberra, Monday 22 June 2009

CARTWRIGHT, Ms Cheryl, Chief Executive
Australian Pipeline Industry Association

COPELAND, Mr Alan, Section Manager, Resources Section
Australian Bureau of Agricultural and Resource Economics

DAVIES, Mr Steven, Policy Adviser
Australian Pipeline Industry Association

DWYER, Mr Damian, Director, Energy Markets and Climate Change
Australian Petroleum Production and Exploration Association Ltd

GLEESON, Ms Patricia, Section Manager, Energy Section
Australian Bureau of Agricultural and Resource Economics

GLYDE, Mr Phillip, Executive Director
Australian Bureau of Agricultural and Resource Economics

McCALLUM, Mr Mark, Deputy Chief Executive, Policy and External Relations
Australian Petroleum Production and Exploration Association Ltd

McCANN, Mr Michael, Managing Director
Thinkwell Australia Pty Ltd

MELANIE, Ms Jane, General Manager, Resources, Energy and Trade Branch
Australian Bureau of Agricultural and Resource Economics

PARIMALA, Mr Rangaradan, Director, Exploration and Access
Australian Petroleum Production and Exploration Association Ltd

Canberra, Friday 26 June 2009

BARNICOAT, Dr Andrew, Group Leader, Energy Minerals Systems,
Onshore Energy and Minerals Division
Geoscience Australia

BRADSHAW, Dr Marita, Senior Geoscience Adviser
Geoscience Australia

COMLEY, Mr Blair, Deputy Secretary
Department of Climate Change

CONSTABLE, Ms Tania, Principal Adviser, Resources and Energy Policy
Department of Resources, Energy and Tourism

FOSTER, Dr Clinton, Chief of Petroleum and Marine Division
Geoscience Australia

GORDON, Mr Robert, Executive Director
Renewable Fuels Australia

GRIFFITHS, Mr John, General Manager, Energy Security Branch
Department of Resources, Energy and Tourism

le POIDEVIN, Mr Stephen, Senior Reservoir Engineer
Geoscience Australia

LIVINGSTON, Mr Andrew, Renewable Energy Regulator
Office of the Renewable Energy Regulator

MORLING, Mr Brendan, Head of Division, Energy and Environment Division
Department of Resources, Energy and Tourism

PAGE, Mr Bradley, Chief Executive Officer
Energy Supply Association of Australia Ltd

SINGH, Mr Amarjot, Manager, Data, Audit and Compliance
Office of the Renewable Energy Regulator

SQUIRE, Mr Martin, Acting General Manager, Offshore Resources Branch
Department of Resources, Energy and Tourism

Perth, Monday 29 June 2009

BARICH, Mr John, President
National Civic Council Western Australia

HARRIES, Professor David, Director
Centre for Research into Energy for Sustainable Transport

HARTLEY, Mr Dunstan, Secretary
National Civic Council Western Australia

WILLS, Professor Raymond, Chief Executive Officer
Western Australian Sustainable Energy Association Inc

Perth, Tuesday 30 June 2009

CANION, Mr Andrew, Senior Adviser, Industry Policy
Chamber of Commerce and Industry of Western Australia

GER, Mr Max, Marketing Manager
Australian Renewable Fuels

GOH, Mr Gavin, Executive Officer
DomGas Alliance

HOHNEN, Mr Stuart, Chairman
DomGas Alliance

NINKOV, Mr Nenad, General Manager, Business Development
Pacific Energy Limited

ROBINSON, Mr Bruce, National Convenor
Australian Association for the Study of Peak Oil

SMYTH, Dr Erica, Chairman
Toro Energy Ltd

SOLE, Mr Lorin, Operation Manager
Australian Renewable Fuels

THORN, Mr Charles, Director, Australian Sustainable Development Institute
Curtin University of Technology

TUCKEY MP, The Hon. Charles Wilson
Private capacity

Hobart, Thursday 9 July 2009

ASCUI, Mr Alvaro, Chief Executive Officer
LNG Refuellers Pty Ltd

DAWSON-DAMER, Mr Piers
Private capacity and representing Australian Association for the Study of Peak Oil
(Hobart)

DOWLING, Mr Richard, Chief Economist
Tasmanian Chamber of Commerce and Industry

FADER, Mr Geoffrey, Chair
Tasmanian Small Business Council

MALLETT, Mr Robert, Executive Officer
Tasmanian Small Business Council

McKENZIE, Mr Mark, Managing Director and Principal
Rare Consulting Pty Ltd

SCOBIE, Mr Andrew, Chairman
Tasmanian Chamber of Commerce and Industry

TASKUNAS, Mr Vince, General Manager, Public Policy and Communications
Royal Automobile Club of Tasmania Ltd

Melbourne, Friday 25 September 2009

ANGWIN, Mr Michael, Executive Director
Australian Uranium Association

CURRIE, Mr Glen, Chief Executive Officer
Sustainable Renewable Energy Company Pty Ltd

GROVES, Ms Michelle, Chief Executive Officer
Australian Energy Regulator

JACKSON, Mr Robert, General Manager, Policy
Clean Energy Council

LENZEN, Professor Manfred
Private capacity

LEUNER, Mr Thomas, General Manager, Markets Branch
Australian Energy Regulator

PATTAS, Mr Chris, General Manager, Network Regulation South Branch
Australian Energy Regulator

VELINS, Mr Eriks
Private capacity

WARREN, Mr Matthew, Chief Executive
Clean Energy Council

Sydney, Thursday 12 November 2009

CAMERON, Dr Ron, Executive General Manager, Strategy, Government and
International Relations
Australian Nuclear Science and Technology Organisation

DOW, Mr Brendan, Managing Director
Ceramic Fuel Cells Ltd

DUTAILLIS, Mr Geoffrey, Chief Operating Officer
Infigen Energy Ltd

GEORGE, Mr Miles, Managing Director
Infigen Energy Ltd

HARDY, Dr Clarence, Secretary
Australian Nuclear Association

HARRIES, Dr John, President
Australian Nuclear Association

HIGSON, Dr Donald, Committee Member
Australian Nuclear Association

MYATT, Mr James, Chairman
Energy Retailers Association of Australia

O'REILLY, Mr Cameron, Executive Director
Energy Retailers Association of Australia

PATERSON, Dr Adrian, Chief Executive Officer
Australian Nuclear Science and Technology Organisation

SCHUCK, Dr Stephen, Manager
Bioenergy Australia

Canberra, Monday 14 December 2009

AGELIDIS, Professor Vassilios, Energy Australia Chair, Power Engineering
University of Sydney

CARTER, Mr Ross, First Assistant Secretary, Renewables and
Energy Efficiency Division
Department of the Environment, Water, Heritage and the Arts

CONSTABLE, Ms Tania, Principal Adviser, Resources and Energy Policy,
Energy White Paper
Department of Resources, Energy and Tourism

COOKE, Mr Douglas, Acting General Manager, Energy Security Branch
Department of Resources, Energy and Tourism

DOWLING, Ms Lesley, Director, Fuel and Used Oil Policy Section,
Environment Standards Branch, Environment Quality Division
Department of the Environment, Water, Heritage and the Arts

DUFTY, Mr Gavin, Victorian Manager Policy and Research
St Vincent de Paul National Council of Australia

FALZON, Dr John, Chief Executive Officer
St Vincent de Paul National Council of Australia

GRAHAM, Mr Paul, Theme Leader
Commonwealth Scientific and Industrial Research Organisation

HINTON, Ms Nicole, Manager, Uranium Industry Section, Resources Division
Department of Resources, Energy and Tourism

JEANES, Ms Susan, Chief Executive Officer
Australian Geothermal Energy Association

KALLIS, Mr Terry, Chairman
Australian Geothermal Energy Association

KESBY, Mr Paul, Acting Assistant Secretary, Environment Standards Branch,
Environment Quality Division
Department of the Environment, Water, Heritage and the Arts

LILLEY, Dr William, Senior Research Scientist
Commonwealth Scientific and Industrial Research Organisation

MARRIS, Mr Sid, Assistant Director, Corporate Affairs
Minerals Council of Australia

MAUSETH JOHNSON, Ms May, Researcher
St Vincent de Paul National Council of Australia

McCREA, Mr Glen, Manager, Indirect Tax Unit
Department of the Treasury

MORLING, Mr Brendan, Head of Division, Energy and Environment Division
Department of Resources, Energy and Tourism

NIVEN, Mr Richard, Manager, Transport Fuels, Fuels and Uranium Branch,
Resources Division
Department of Resources, Energy and Tourism

O'TOOLE, Mr James, Senior Adviser, Business Tax Division
Department of the Treasury

PAINE, Mr Bruce, Principal Adviser, Competition and Consumer Policy Division
Department of the Treasury

RAWSON, Mr Robert, Adviser, Safety and Health
Minerals Council of Australia

RENTSCH, Mr Dale, Manager, LNG and Petroleum Development
Department of Resources, Energy and Tourism

SAUSMAN, Mr Colin, Senior Director
Australian Energy Market Commission

SHELDRIK, Mr Michael, General Manager, Fuels and Uranium Branch
Department of Resources, Energy and Tourism

SWIFT, Mr David, Executive General Manager, Corporate Development
Australian Energy Market Operator

TAMBLYN, Dr John, Chairman
Australian Energy Market Commission

TAYLOR, Mr Steven, Manager, Resources Taxation and Economic Analysis
Department of Resources, Energy and Tourism

WILEY-SMITH, Ms Mary, Assistant Secretary, Community and Industry
Partnership Branch, Renewables and Energy Efficiency Division
Department of the Environment, Water, Heritage and the Arts

Canberra, Friday 26 February 2010

BAILEY, Mr Alan, Manager, Issues and Government Relations, Public and
Government Affairs
Mobil Oil Australia Pty Ltd

ECKERMANN, Mr Christopher Robin, Director
Smart Grid Australia

HUGHES, Mr Kevin, Managing Director
HEH Australian Petroleum Consultancy Co.

KENEALLY, Mr Benedict, Head of Marketing and Strategy
Better Place Australia

KRONENBERGER, Mr Lawrence, Manager, Australia/New Zealand Distribution
Mobil Oil Australia Pty Ltd

MOULIS, Mr Nic, General Manager
Australasian Convenience and Petroleum Marketers Association

PELLEGRINO, Ms Anne, National Government Business Manager
Energetics Pty Ltd

SIBLEY, Mr Jon, Australian Capital Territory Regional Manager
Energetics Pty Ltd

TERRY, Ms Alison, Head of Corporate Affairs
Better Place Australia

TROMAN, Mr Simon, Managing Director
IT Power (Australia) Pty Ltd

WATT, Dr Muriel, Chair
Australian PV Association

ZUMBO, Associate Professor Frank
Private capacity

Adelaide, Monday 29 March 2010

BYRNE, Mr Mark, Policy and Data Officer
UnitingCare Wesley

CHAPMAN, Mr John, Executive Director
Motor Trade Association of South Australia

DUNSTAN, Mr Christopher, Research Director Institute for Sustainable Futures
University of Technology Sydney

HENLEY, Mr Mark, Manager, Advocacy and Communication
UnitingCare Wesley

LAVER, Mr Peter, Vice President
Australian Academy of Technological Sciences and Engineering

LOVEGROVE, Associate Professor Keith, Representative
Australian Academy of Science

McNAMARA, Ms Sarah, Head of Government Affairs
AGL Energy

NELSON, Mr Tim, Head of Carbon and Sustainability
AGL Energy

SAMAN, Professor Wasim, Member
Australian Solar Energy Society

WISEMAN, Mr Anthony, Commercial Director
AREVA Solar

Canberra, Wednesday 7 April 2010

BARRETT, Mr Andrew, Group Leader, Petroleum and Greenhouse Gas Advice
Geoscience Australia

BARRON, Ms Christine, General Manager, Indirect Tax Division, Revenue Group
Department of the Treasury

CARSON, Ms Leesa, Principal Advisor, Energy Minerals
Geoscience Australia

CONSTABLE, Ms Tania, Acting Head, Resources Division
Department of Resources, Energy and Tourism

COPELAND, Mr Alan, Manager, Resources Section
Australian Bureau of Agricultural and Resource Economics

FOSTER, Dr Clinton, Chief of Division, Petroleum and Marine Division
Geoscience Australia

JAQUES, Dr Lynton, Chief Scientist
Geoscience Australia

JOHNSON, Mr Paul, General Manager, Industrial Energy Efficiency Branch
Department of Resources, Energy and Tourism

KESBY, Mr Paul, Acting Assistant Secretary, Environment Standards Branch
Department of the Environment, Water, Heritage and the Arts

McDONALD, Mr Jason, Principal Advisor, Tax System Division
Department of the Treasury

MELANIE, Ms Jane, General Manager, Resources, Energy and Trade Branch
Australian Bureau of Agricultural and Resource Economics

MORLING, Mr Brendan, Head of Division, Energy and Environment Division
Department of Resources, Energy and Tourism

NIVEN, Mr Richard, Manager, Transport Fuels
Department of Resources, Energy and Tourism

RAETHER, Mr Robert, Assistant Secretary, Renewables and Reporting Branch,
Strategies and Coordination Division
Department of Climate Change and Energy Efficiency

SHEALES, Dr Terence, Chief Economist
Australian Bureau of Agricultural and Resource Economics

STORY, Mr Oliver, Manager, Demand Side, Management Policy
Department of Resources, Energy and Tourism

WILEY-SMITH, Ms Mary, Assistant Secretary, Community and Industry Partnership
Branch, Renewables Energy Efficiency Division
Department of Climate Change and Energy Efficiency

Canberra, Monday 5 July 2010

BARTLEY, Mr Scott, Principal Adviser, Resource Tax Unit, Business Tax Division
Department of the Treasury

DAVIS, Mr Graeme, Manager, Business Tax Division
Department of the Treasury

FRANCIS, Mr Geoff, Principal Adviser, Resource Tax Secretariat
Department of the Treasury

HENRY AC, Dr Ken, Secretary
Department of the Treasury

PARKER, Mr David, Executive Director, Revenue Group
Department of the Treasury

Canberra, Monday 13 July 2010

ALTUS, Mr Mark, Director, Revenue and Intergovernmental Relations
Department of Treasury and Finance, Western Australia

BARNES, Mr Michael, Acting Under Treasurer
Department of Treasury and Finance, Western Australia

BARTLEY, Mr Scott, Principal Adviser, Resource Tax Unit, Business Tax Division
Department of the Treasury

BENNISON, Mr Simon, Chief Executive Officer
Association of Mining and Exploration Companies

DAVIS, Mr Graeme, Manager, Business Tax Division
Department of the Treasury

FLANAGAN, Mr David, Managing Director
Atlas Iron Limited

HENRY AC, Dr Ken, Secretary
Department of the Treasury

McCULLOUGH, Mr Paul, General Manager, Business Tax Division
Department of the Treasury

MULLEN, Mr Noel, Deputy Chief Executive, Commercial and Corporate
Australian Petroleum Production and Exploration Association Ltd

PEARCE, Mr Stephen, Chief Financial Officer
Fortescue Metals Group Ltd

ROBINSON, Ms Belinda, Chief Executive
Australian Petroleum Production and Exploration Association Ltd

WILLMOTT, Ms Deidre, Head of Government Relations
Fortescue Metals Group Ltd

YOUNG, Mr Mike, Managing Director
BC Iron Limited

Appendix 5

Index of documents tabled at public hearings

Perth

Monday, 17 November 2008

Mr Stuart Hohnen, Chairman, DomGas Alliance
Western Australian natural gas demand expected to double by 2015,
Media Release, 10 November 2008

Mr Stuart Hohnen, Chairman, DomGas Alliance
Natural Gas Demand Outlook for Western Australia and Economic Impact,
Report by Economics Consulting Services, October 2008

Mr Gavin Forrest, Manager Strategy, Western Power
Your Electricity Network, Brochure

Dr Michael Ottaviano, Managing Director, Carnegie Corporation
Wave Energy Overview, Presentation Slides, November 2008

Dr David Worth, Committee Member, Sustainable Transport Coalition
World Energy Outlook 2008, print out of webpage,
<http://www.worldenergyoutlook.org/> (accessed 17 November 2008)

Canberra

Wednesday, 19 November 2008

Ms Belinda Robinson, Chief Executive, Australian Petroleum Production and
Exploration Association Ltd
Existing and Committed LNG Plants, Map

Ms Belinda Robinson, Chief Executive, Australian Petroleum Production and
Exploration Association Ltd
Existing LNG Plants, Map

Ms Belinda Robinson, Chief Executive, Australian Petroleum Production and
Exploration Association Ltd
Existing, Committed and Proposed LNG Plants, Map

Ms Belinda Robinson, Chief Executive, Australian Petroleum Production and Exploration Association Ltd
List of LNG Projects

Ms Belinda Robinson, Chief Executive, Australian Petroleum Production and Exploration Association Ltd
Illustrative LNG Cash Flow, Chart

Mr Andrew Farlow, Sustainable Development Policy Manager, Cement Industry Federation
Graphs relating to the Cement Industry

Melbourne

Monday, 8 December 2008

Mr Michael Angwin, Executive Director, Australian Uranium Association
Nuclear Power Relieves Climate Change, Chart

Mr Michael Angwin, Executive Director, Australian Uranium Association
Table 2 - Identified Resources, taken from 'Uranium 2007: Resources, Production and Demand'

Mr Michael Angwin, Executive Director, Australian Uranium Association
Outlook for the Uranium Industry: Evaluating the economic impact of the Australian Uranium Industry to 2030, Report, April 2008, Deloitte

Mr Michael Angwin, Executive Director, Australian Uranium Association
Australia's uranium export potential: economic and climate outcomes, Table

Canberra

Monday, 2 February 2009

Mr John Boshier, Executive Director, National Generators Forum
National Generators Forum Statement, Opening Statement

Mr Andrew Blyth, Chief Executive, Energy Networks Association
The Financial Investor Group, Presentation to the AER Forum

Mr Owen Pascoe, Climate Change Campaigner, Australian Conservation Foundation
The impact of industry assistance measures under the Carbon Pollution Reduction Scheme, Research Note, Innovest, 2008, Australian Conservation Foundation, Melbourne

Melbourne**Tuesday, 17 February 2009**

Dr John Burgess, Fellow, Australian Academy of Technological Sciences and Engineering

Energy Technology for Climate Change: Accelerating the Technology Response, Report, 2008, ATSE

Perth**Wednesday, 18 February 2009**

Mr Shane Cremin, Market Development Manager, Griffin Energy
Opening Statement

Mr Thyl Kint, Chief Executive Officer, Spitfire Oil
Spitfire Oil's Proposed Salmon Gums Mine and Lignite-to-Value (L₂V) Coal to Liquids Process, Presentation

Mr Leon Bradley, Climate Change Spokesperson, WA Pastoralists and Graziers Association
Graphs relating to IPCC forecasts

Sydney**Thursday, 19 February 2009**

Ms Fiona Wain, Chief Executive Officer, Environment Business Australia
Foresight, strategy and action to build new remarks, new industries, new jobs, Synopsis of recommendations on the White Paper

Mr Bradley Crofts, Environmental Economist, Australian Workers' Union
Paul Howes' Opening Statement, Monday 02/02/09

Mr Bradley Crofts, Environmental Economist, Australian Workers' Union
Over the CPRS Horizon: Balancing the impacts of the global financial crisis with the introduction of the Carbon Pollution Reduction Scheme, Position paper

Mr Bradley Crofts, Environmental Economist, Australian Workers' Union
Briefing on the CPRS

Mr Stephen Woodward, Chief Executive Officer, Australian LPG Association
Australia's LPG Contributing to a Lower Carbon Future: A presentation to the Senate Select Committee on Fuel and Energy

Brisbane**Friday, 20 February 2009**

Mr Simon Thorpe, General Manager Safety Systems, Virgin Blue
Opening Statement

Mr Michael Roche, Chief Executive Officer, Queensland Resources Council
Opening Comments

Mr Bruce Harrison, Chief Executive Officer, Biofuels Association of Australia
Biofuels Association of Australia, Presentation

Wollongong**Wednesday, 1 April 2009**

Dr Judy Messer, President, Futureworld
My Good Home Guide, Booklet

Mr Stephen Gale, Board Member, Futureworld
Using the Marginal Abatement Cost Curve Approach to Identify Efficiency Opportunities, Paper

Mr Noel Cornish, Chief Executive, BlueScope Steel
Opening Statement

Dr David Hamill, Chairman, Envirogen
Act on Granting Priority to Renewable Energy Sources, German legislation

Dr David Hamill, Chairman, Envirogen
Act revising the legislation on renewable energy sources in the electricity sector, German legislation

Dr David Hamill, Chairman, Envirogen
What is at stake? Paper

Dr David Hamill, Chairman, Envirogen
Typical Costs and Revenues for 20MW WCMG Power Station, Table

Canberra**Thursday, 2 April 2009**

Mr Ralph Hillman, Executive Director, Australian Coal Association

Emissions Trading; risks to jobs, regional economies and investment in the Australian Coal Industry

Mr Daniel Price, Director, Frontier Economics

Alternative approaches to carbon reduction schemes

Gladstone**Tuesday, 7 April 2009**

Mr Stuart Ritchie, National Sustainability Manager, Cement Australia

Opening Statement

Canberra**Friday, 26 June 2009**

Dr Clinton Foster, Chief, Petroleum and Marine Division, Geoscience Australia
Geoscience Australia presentation to the Senate Select Committee Inquiry into Fuel and Energy, Presentation

Mr Amarjot Singh, Data Audit and Compliance Manager, Office of the Renewable Energy Regulator

Office of the Renewable Energy Regulator Information Paper to Senate Select Committee on Fuel and Energy, Information paper

Mr Bob Gordon, Executive Director, Renewable Fuels Australia

Opening Comments

Mr Bob Gordon, Executive Director, Renewable Fuels Australia

The race is on to create a new world of energy, Opinion article by Shell's global Chief Executive, Mr Jeroen van der Veer

Perth**Monday, 29 June 2009**

Mr Dunston Hartley, Executive Member, National Civic Council

'A dash of alcohol makes auto engines more climate friendly',
New Scientist, 30 May 2009, p. 16, Article

Mr John Barich, State President, National Civic Council

Green Energy, Green Car, Policy paper booklet

Professor Raymond Wills, Chief Executive Officer, Western Australian Sustainable Energy Association
Energising WA: Sustainable Energy for this Century, Magazine

Melbourne
Friday, 25 September 2009

Mr Michael Angwin, Executive Director, Australian Uranium Association
Best Practice Regulation and the Queensland Ban on Uranium Mining, Analysis paper

Mr Michael Angwin, Executive Director, Australian Uranium Association
Submission to Victorian Competition and Efficiency Commission review of Victoria's environmental legislation, Submission

Sydney
Thursday, 12 November 2009

Dr Stephen Schuck, Manager, Bioenergy Australia
Bioenergy Options for Australia, Presentation

Dr Stephen Schuck, Manager, Bioenergy Australia
Steve Schuck's Notes for 12 November 2009, Notes

Dr Ron Cameron, Executive General Manager, Australian Nuclear Science and Technology Organisation
Opening Statement by the Australian Nuclear Science and Technology Organisation

Mr Cameron O'Reilly, Executive Director, Energy Retailers Association of Australia
Energy Retailer Compliance Obligation arising from Climate Change, Information sheet

Mr Cameron O'Reilly, Executive Director, Energy Retailers Association of Australia
Breakdown of a Typical Bill for a Domestic Customer, Chart

Canberra
Monday, 14 December 2009

Mr Ross Carter, First Assistant Secretary, Renewables and Energy Efficiency Division, Department of the Environment, Water, Heritage and the Arts
Opening Statement

Dr John Tamblyn, Commission Chairman, Australian Energy Market Commission
The role of the AEMC in respect of fuel and energy security, Presentation

Mr David Swift, Executive General Manager, Corporate Development, Australian Energy Market Operator
Evidence to the Australian Senate's Select Committee on Fuel and Energy, Opening Statement

Canberra
Friday, 26 February 2010

Ms Anne Pellegrino, National Government Business Manager
Energy Efficiency Council
Select Committee on Fuel and Energy, Presentation

Adelaide
Monday, 29 March 2010

Mr Tim Nelson, Head of Carbon and Sustainability, AGL Energy
Opening Statement

Associate Professor Keith Lovegrove, Australian Academy of Science
We are in the middle of an Energy Revolution, Presentation

Mr John Chapman, Executive Director, Motor Trade Association of South Australia
Opening Statement

Mr Mark Henley, Manager, Advocacy and Communication, UnitingCare Wesley Charts

Canberra
Wednesday, 7 April 2010

Dr Lynton Jaques, Chief Scientist, Geoscience Australia
Summary: Australian Energy Resource Assessment, Presentation

Canberra
Monday, 5 July 2010

Dr Ken Henry AC, Secretary, Department of the Treasury
Budgetary impacts of the changes to the Government's tax reform agenda

Canberra

Tuesday, 13 July 2010

Mr Michael Barnes, Acting Under Treasurer, Western Australia Department of Treasury and Finance

Western Australian Share of Commonwealth Resource Rent Tax – Explanation of Calculation, Note

Appendix 6

Committee site visits

1 April 2009

Futureworld National Centre for Appropriate Technology's Eco-Technology Centre in Wollongong, New South Wales

6 April 2009

Mackay Sugar Limited's Racecourse Sugar Mill in Mackay, Queensland

7 April 2009

NRG Gladstone Power Station in Gladstone, Queensland

14 September 2009

Infigen Energy's Capital Wind Farm in Bungendore, New South Wales

21 September 2009

Geodynamics Innamincka Geothermal Tenement in Innamincka, South Australia

Santos Moomba facility in Moomba, South Australia

22 September 2009

BHP Billiton's Olympic Dam mining operation in Adelaide, South Australia

23 September 2009

Karratha Gas Plant in Karratha, Western Australia

24 September 2009

TRUenergy's Yallourn mine and power station, in Yallourn, Melbourne

7 December 2009

Australian Nuclear Science and Technology Organisation in Lucas Heights, New South Wales

School of Physics at the University of Sydney, New South Wales

15 March 2010

Country Energy's Intelligent Networks Research and Demonstration Centre in Queanbeyan, New South Wales

