

# A/Prof Liam Wagner

Wednesday, 28 October 2020

## Personal Details:

Date of birth: 9<sup>th</sup> June 1977

Nationality: Australian

## Contact Details:

### Work:

Centre for Global Food and Resources,  
Faculty of the Professions,  
University of Adelaide,  
Adelaide, South Australia 5000  
(Email) [liam.wagner@adelaide.edu.au](mailto:liam.wagner@adelaide.edu.au)

## Research Interests:

Energy and Environmental Economics, Energy Policy, Energy Security

## Education:

<i>Post-Doctoral Fellowship, Economics, University of Queensland</i>	<i>2008-'10</i>
<i>PhD, Mathematics (Awarded May 2008), University of Queensland</i>	<i>2003-'06</i>
<i>BA (Hons 1st Class) in Mathematics, University of Queensland</i>	<i>2002</i>
<i>BA, University of Queensland</i>	<i>2001</i>

## Professional Highlights

>\$5 Million in Competitive grant funding (Since 2008)

Highly ranked research outputs amongst Academic Economists:

- Top 25% of Economists in Australia (RePEc as of October 2020, [Link](#))

1231 Citations and h-index = 16 (942 Citations since 2015, [Google Scholar](#))

Successful supervision and placement of 6 PhD, 8 Masters and 6 Honours thesis students

Extensive consulting and advisory experience

## Professional Experience

### The University of Adelaide,

Associate Professor (Level D), Energy and Environmental Economics Oct 2020 – Present

- Centre for Global Food and Resources
- Institute for Minerals and Energy Resources
- Centre for Energy Technology

### Griffith Business School, Griffith University

Lecturer, **Economics** Feb 2015 – Oct 2020

### The University of Queensland

Research Fellow (Honorary), **Centre for Policy Futures** April 2019 - Present

Research Fellow (Honorary), **Global Change Institute** March 2015 – March 2018

- Member of the College of Experts for the Global Change Institute

Research Fellow (Level B) & Lecturer, **School of Economics** Jan 2011–Feb 2015

Post-Doctoral Research Fellow (Level A), **School of Economics** 2008 – 2010

### Babcock and Brown Power

Trader and Analyst 2007 – 2007

- Brisbane trading desk for Braemar Power Station (Open Cycle Gas Turbine, 450MW)

### The University of Queensland

Researcher Associate (Computational Game Theory), 2005 – 2006  
*School of Economics and the ARC Centre for Complex Systems*

Senior Research Technician, *CRC Mining (formerly CMTE)* 2002 – 2003

### Queensland University of Technology

Lecturer (Casual), *School of Engineering Systems* 2005 – 2005

## Grants

### Category 1: Nationally Competitive Research Grants

- **ARENA** “Cost Effective Renewable Hydrogen through Materials, Modelling and Process Innovation” CI’s Ian D. R. Mackinnon, Evan Gray, Mahnaz SHAFIEI, Masakazu SUGIYAMA, Alexander S. Beliaev, Ian O’Hara, Anthony P. O’Mullane, Jose A Alarco, Peter C. Talbot, Graeme J. Millar, *Liam Wagner*, Colin J Webb (2018-2021, **\$3.35Million**)
- **ARC**, Discovery Grant, DP160102570, “Transition to Customer Response driven Networks”, Chief Investigator, CI’s Gerard Ledwich, *Liam Wagner*, Ali Arefi (2016 to 2019, **\$390,000**)
- **CSIRO** Flagship Collaborative Research Program Cluster, “Future Grid Cluster: Economic and Investment Models for Future Grids”, CI’s John Foster and *Liam Wagner* (2013-2017 **\$667,564**)
- **NCCARF**: Climate Change Adaption Research Grant “Analysis of institutional adaptability to redress electricity infrastructure vulnerability due to climate change”, NCCARF, CI’s John Foster, *Liam Wagner* and Craig Froome (2011-2013, **\$205,700**)

### Category 2: Research Grants

- “Modelling energy poverty & vulnerability in Australia: A big data approach”. Department of Natural Resources Mines and Energy, Queensland Government (2018, **\$70,000**)
- “Economic Modelling Platform for Domestic Energy Markets”, Department of Resources, Energy and Tourism, (now known as the Department of Industry), Chief Investigator (2013, **\$71,500**)
- “The effects of large scale deployment of distributed generation on the national electricity market”, the CSIRO (2009, **\$49,000**)

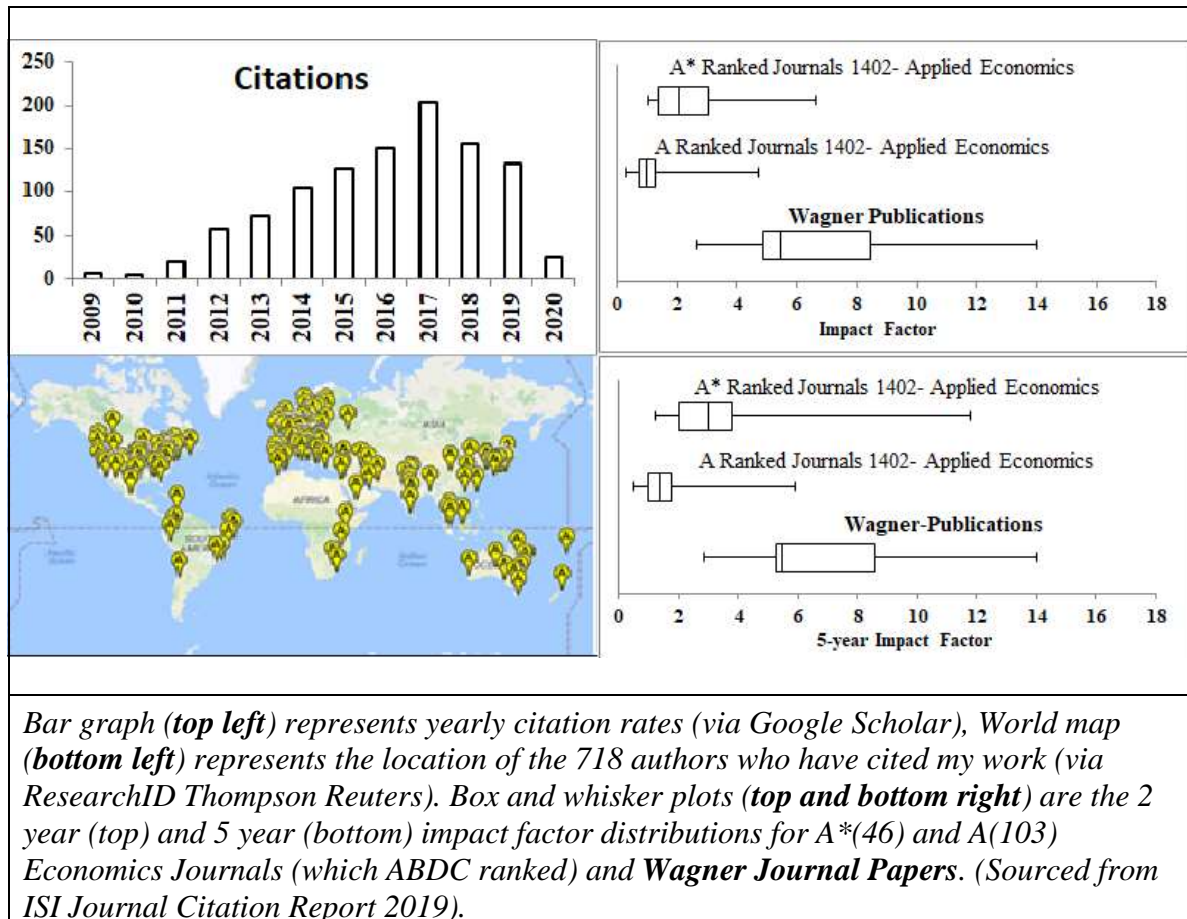
### Other Competitive University Funded Schemes and Programs

- UQ Early Career Researcher Award Grant, University of Queensland, Chief Investigator (2014, \$20,000)
- UQ ResTeach, Research and Teaching awarded 5 times by DVC-Academic (2009-10; 2011; 2012; 2013; and 2014, **\$93,200**)
- UQ Post-Doctoral Research Fellowship, “Modelling Current Issues Which Affect the National Electricity Market”, Chief Investigator (2008-2010, **\$220,000**)

## Publications

For a full list including working papers, technical reports, and government submissions please see my public ORCID profile (<http://orcid.org/0000-0003-1297-5801>).

### Research Impact Summary:



Bar graph (top left) represents yearly citation rates (via Google Scholar), World map (bottom left) represents the location of the 718 authors who have cited my work (via ResearchID Thompson Reuters). Box and whisker plots (top and bottom right) are the 2 year (top) and 5 year (bottom) impact factor distributions for A\*(46) and A(103) Economics Journals (which ABDC ranked) and Wagner Journal Papers. (Sourced from ISI Journal Citation Report 2019).

- PLoS One journal paper reported by the Guardian newspaper ([Altmetric score of 218](#), in 99<sup>th</sup> percentile of all research tracked)
- 3 papers published in journals ranked in the Top 100 by Google Scholar

The breadth of my publication impact is represented by 1231 citations (h-index 16) from: 808 authors; at 328 different institutions; from 51 countries, (Google Scholar and Scopus, Oct 2020). Thematically, my work has also been cited broadly, with citations across 138 Journals and 21 disciplines. These disciplines range from my primary field of Energy Economics to Environmental Science and Electrical Engineering. The uptake of my research by such a range of fields attests to and provides evidence of its level of Innovation, Broad Novelty and International Quality.

### In Preparation

- Wagner, L. and Byrnes and L., “Australia’s Transition to a Secure Energy System”
- Molyneaux, L., Wagner, L., Foster, J., “How the internationalisation of Australia’s Natural Gas has effected electricity market bidding behaviour”

- Amarasinghe, M., Brown, C., Foster, J., Wagner D., “A Analysis of the Development of Sri Lanka’s Electricity Sector”
- Amarasinghe, M., Brown, C., Foster, J., Wagner D., “Economics analysis of the impact of Demand Side Management on transmission and distribution network losses”
- Amarasinghe, M., Brown, C., Foster, J., Wagner D., “The effects of time of use tariff design on residential and small business electricity demand”
- Amarasinghe, M., Brown, C., Foster, J., Wagner D., “Implementation of Demand Side management and its effects on bulk supply energy users”

#### Submitted for Publication

- L.T. Nguyen, S. Ratnasiri and L. Wagner, "Impacts of regulatory, managerial and technological factors on energy efficiency: a novel study in the Vietnamese industries" (Under Review)
- Bratanova, Alexandra & Robinson, Jacqueline & Wagner, Liam, "Modification of the LCOE model to estimate a cost of heat and power generation for Russia", (Under Revision).
- Bratanova, A., Robinson, J., Wagner, L., Kolegov, V., Nikitchenko, A., Nikitchenko, A., “Multiple criteria analysis of policy alternatives to improve energy efficiency in industry in Russia”, *European Journal of Operational Research*, (Under Revision)
- Molyneaux, Lynette , Colin Brown, Liam Wagner, John Foster, “Resilience, coal and the macroeconomy”. (Under Revision)
- Molyneaux, Lynette, Brown, Colin, Wagner, Liam and Foster, John, “Measuring resilience in electricity generation: an empirical analysis” (Under Revision)

#### Book

- Foster, J., Bell, W.P., Wild, P., Sharma, D., Sandu, S., Froome, C., Wagner, L., Misra, S., and Bagia, R., “Analysis of institutional adaptability to redress electricity infrastructure vulnerability due to climate change”, 1st ed., Gold Coast, NCCARF, ISBN:9781925039856

#### Book Chapter

- Stephens, E., Wagner, L., Ross, I.L. and Hankamer, B., (2012) *Microalgal Production Systems - Global Impact of Industry Scale Up* in "Microalgal Biotechnology: Integration and Economy" Ed. by Posten, C., & Walter, C., Publisher De Gruyter ISBN:3110298279

#### Articles

- Neelawela, U., Selvanathan, E., Wagner, L.D. “Global Measure of Electricity Security: A Composite Index Approach”, *Energy Economics*, *Energy Economics*, Vol. 81, June 2019, Pages 433-453

- Wagner, L.D., Ross, I., Foster, J., and Hankamer, B., *Tracking global fuel supply, CO<sub>2</sub> emissions and sustainable development*, PLoS ONE 11(3): e0149406. doi:10.1371/journal.pone.0149406
- Molyneaux, L., Brown, C., Wagner, L., and Foster, J., *Measuring resilience in energy systems: Insights from a range of disciplines*, Renewable and Sustainable Energy Reviews, 2016, Vol.59, pp.1068-1079.
- Byrnes, L., Brown, C., Wagner, L., Foster, J., *Reviewing the Viability of Renewable Energy in Community Electrification: The Case of Remote Western Australian Communities* Renewable and Sustainable Energy Reviews, 2016, Vol.59, pp.470-481.
- Molyneaux, L., Wagner, L., and Foster, J., *Rural electrification in India: Galilee Basin coal versus decentralised renewable energy micro grids*, Renewable Energy, Vol.89, April 2016, pp.422-436.
- Bratanova, A., Robinson, J., and Wagner, L.D., *New technology adoption for Russian energy generation: what does it cost? A case study for Moscow*, Applied Energy, (2016), vol.162, pp.924-939.
- Wagner, L., Molyneaux, L., and Foster, J., *The magnitude of the impact of a shift from coal to gas under a Carbon Price*, Energy Policy, Vol. 66, Mar. 2014, pp.280-291
- Byrnes, L., Brown, C., Foster, J., and Wagner, L., *Australian Renewable Energy Policy: Barriers and Challenges*, Renewable Energy, Vol. 60, Dec. 2013, Pages 711-721.
- Molyneaux, L., Froome, C., Wagner, L., and Foster, J., *Australian Power: Can renewable technologies change the dominant industry view?*, Renewable Energy, Vol. 60, Dec. 2013, Pages 215-221.
- Molyneaux, L., Wagner, L., Froome, C., and Foster, J., *Resilience and electricity systems: a comparative analysis*, Energy Policy, Vol. 47, August 2012, Pages 188-201.
- Lilley, William E, Reedman, Luke J, Wagner, Liam D, and Alie, Colin F, Szatow, Anthony R., *An economic evaluation of the potential for distributed energy in Australia*, Energy Policy Vol. 51, Dec. 2012, Pages 277-289.
- Stephens, E., Ross, I.L., Mussnug, J.H., Wagner, L.D., Borowitzka, M.A., Posten, C., Kruse, O., and Hankamer, B., *Future prospects of microalgal biofuel production systems*, Trends in Plant Science, Vol. 15(10), October 2010, Pages 554-564.
- Wagner, L.D., and McDonald, S., *Finding Traitors in Secure Networks Using Byzantine Agreements*, International Journal of Network Security, (2010) Vol. 10, no. 1, pp.11-17.
- Menezes, F., Quiggin, J.C., and Wagner, L.D., *Grandfathering and greenhouse: the role of compensation and adjustment assistance in the introduction of a carbon emissions trading scheme for Australia*, Economic Papers, 2009 vol. 28, no. 2 pp.82-92.

- Wagner, L.D., Ross, J.V., and Possingham, H.P., *Catastrophe management and inter-reserve distance for marine reserve networks*, Ecological Modelling, (2007) Vol. 201, no. 1, pp.82-88.

### Conference Presentations (Selected)

IAEE (2020), USAEE (2020), IAEE (2019), IAEE(2018), IAEE (2017), AARES (2017), 5th Asian IAEE (2016), ACE (2015), IAEE/USAEE (2014), Oil and Gas Procurement Leaders Forum (2013), USAEE (2013), Australian Solar Energy Society Conference (2013), USAEE (2012), IAEE x2 (2012), USAEE (2011), 8th Asia Pacific Conference on Sustainable Energy & Environmental Technologies (2012), IAEE x2(2011), USAEE x2(2010), IEEE Conference on Innovative Technologies for an Efficient and Reliable Electricity Supply (2010), Australian Agricultural and Resource Economics Society (2010), IAEE x2 (2009), USAEE/IAEE (2009), Australian Agricultural and Resource Economics Society (2009), Asian IAEE (2009), Australian Agricultural and Resource Economics Society (2008), Quantum Field Theory and its Ramifications (2005), International Colloquium on Group Theoretical Methods in Physics (2005), Australian Mathematical Society Meeting (2005), 48th Australian Mathematical Society Meeting x2 (2004), World Congress on Game Theory (2004), Society of Economic Design Conference (2004), International Congress on Industrial and Applied Mathematics x2 (2003), Australian Society of Operations Research (2003), IEEE Congress on Evolutionary Computation (2003).

## **Research Supervision**

### Research Higher Degree, PhD and MPhil

- Leon Nguyen, June 2018 - Present
- Dr Uththara Neelawela, 2015 - 2020 (Awarded July 2020)
- Dr Minoli Amarasinghe, 2014 - 2018 (Awarded Feb 2019)
- Dr Lynette Molyneaux, 2013 - 2016 (Awarded, 2016), First placement Advance Qld Post-Doctoral Fellowship
- Dr Don Burt, 2013 - 2016 (Awarded, 2016), First placement UQ Research Associate
- Dr Liam Byrnes, 2012 - 2015 (Awarded 2016), First placement Aurizon
- Dr Alexandra Bratanova, 2011 - 2014 (Awarded 2015) First placement Data61/CSIRO

### Masters by Coursework Thesis

- Gloria Colmenares, 2013. First placement Environmental Consultancy Peru.
- Rose-Marie Denis, 2013. First placement Accenture Consultancy
- Anne Maren Erlandsen, 2012. First placement Synergies Consulting
- Julien Mueller, 2012. First placement Allen & Overy, Frankfurt, Germany
- Leonard Smith, 2012, First placement UQ PhD graduate
- Richard Creagh, 2011. First placement Queensland Competition Authority (Formerly OFGEM UK)
- Lynette Molyneaux, 2010, First placement UQ Post-Doc
- Cameron McLeod, 2010. First placement Department of Mines and Energy, Qld Government

### Honours (Postgraduate)

- Brendan Kruger, 2013. First placement Greenhill & Co
- Anthony Smith, 2012. First placement Productivity Commission, Australian Government
- Trent Saunders, 2010. First placement Reserve Bank of Australia
- Patrick Hamshere, 2010, First placement ABARES, Australian Government
- Krispin McAndrew, 2010, Awarded ACCC prize for best Micro-Economics Student.
- Joseph Mullins, 2008, First placement NYU PhD.

## Teaching

### Griffith University

- Environment and Energy Economics, (Trimester 2 2017 to 2019)
- Quantitative Methods, (7011GBS, Trimester 2, 2019)
- Quantitative Methods for Finance Economics and Accounting (2306AFE, Trimesters 1 and 2, 2016 to 2019)
- Intermediate Macroeconomics, (2304AFE, Semester 2 2016)
- Introduction to Economics for Decision Making 1, (1303AFE, Semester 2 2015; Trimesters 1 and 2 2016)
- Introduction to Economics for Decision Making 2, (2303AFE, Trimesters 2 2017; Trimesters 1 and 2 2018).

### University of Queensland

- Economics of Natural Resources, (6 weeks of ECON3710/ECON7730, Semester 2 2011 to 2014)
  - **Distinguished Teaching Award for Small Undergraduate Class**
- Quantitative Skills Workshop a 2 week intensive summer course for new graduate students in economics (Math Camp, 45 hours of Lectures each year, 2010 to 2014)
- Guest Lectures:
  - ECON7430 Competition and Regulation Policy: 2011 and 2012,
  - ECON1050 Mathematical Economics (4 Lectures, 2010),
  - ECON7722 Ecological and Environmental Economics: 2011,
  - ECON3440 Regulatory Economics: 2011 and 2012,
  - MGST7309 Special Topics (Energy): 2009



## Service

### Professional Development:

- Seven Secrets for Supervisors, 2018
- Supervision 101, 2018
- Course Convenors Induction, 2018
- Blended Learning Support Workshop, 2017
- Research Integrity for HDR Supervisors, 2017
- AFE Departmental Teaching Retreat, 2017 and 2018
- Economics and Business Statistics Teaching Retreat, 2017
- Teaching Community of Practice, Engaging and authentic assessment design to preserve academic integrity and promote employability, 2017

### Service to the University:

#### **Griffith University**

- Chair of Examiners, PhD thesis, Griffith Sciences, June 2018
- Griffith Business School budget response
  - Included written comments and oral briefings to journalists (2017 to Present)
- Economics Discipline, Research Advisor (2018-Present)
  - Enhancing researcher visibility on research platforms such as RePec
  - Lobbying journal publishers to list their new journals on RePec
  - Assisting staff with establishing an online presence
- Seminar, Convener (2016- 2017)
- Brown Bag, Convener (2016- 2017)
- First Year Student Experience, GBS (2016- 2017)
- Three Minute Thesis Judge, Departmental Heats (2016)
- Web committee Economics Discipline, (2015- Present)
- Research Committee, Department of Accounting, Finance and Economics, Griffith University (2015- 2017)
  - Presentation on Research Impact to AFE Department Meetings
  - Presentation on Research Impact to Business Law Discipline
  - Presentation to AFE on Journal Impact and Metrics
  - Audit of all department academics and their web research presence (Google Scholar, ORCID, ResearcherID, Scopus, RePec, SSRN, Research Gate)
  - Planning for departmental wide role out of Research Web Presence

#### **University of Queensland**

- Technical Research Committee, Solar Flagship Infrastructure Grant, UQ (2013 - 2015)
- Tutor Interview Panel, UQ (2012 - 2013)
- Renewable Energy Technical Advisory Committee (DVC-Research), UQ (2010 - 2011)
- Tutor Training Day, UQ (2013 - 2014)

- Marketing and Engagement, UQ for the Day, TS Expo, UQ Open Day, School Promotional Videos
- Interview Panel, Research Programmer, UQ School of Economics, 2009
- Member of the School of Economics Research Committee, UQ (2008)
- Member of the School of Physical Sciences Research Committee, UQ (2003-2004)
- Member of Department of Mathematics, Departmental Committee, UQ (2003-2004)

Service to the Profession:

- International Conference Committee, 40th International Association of Energy Economics, Singapore, 2015-2017
- Chair of Conference Parallel Sessions. 5th International Association of Energy Economics Asian Conference, Perth February 2016.
- ARC (Australian Research Council).
  - Reviewer of Discovery and Linkage project grant applications.
  - ERA 2015 Reviewer
- Member, College of Experts, Global Change Institute, University of Queensland

Thesis Examinations:

- University of New South Wales
- Sydney University
- Curtin University
- University of Western Australia
- Charles Darwin University

Journal Referring:

Editorial Board Membership: Journal of Modern Power Systems and Clean Energy, Springer Verlag (ISSN: 2196-5420) 2013 to 2015

IEEE Transactions on Sustainable Energy, Energies, Australian Journal of Agriculture and Resource Economics, Games and Economic Behavior, The Energy Journal, Applied Energy, Energy Policy, Economic Analysis and Policy, International Journal of Electrical Power and Energy Systems, Environmental Biology of Fishes, International Journal of Network Security, IEEE Transactions on Parallel and Distributed Systems, Journal of Systems and Software, Journal of Bioeconomics, Future Generation Computer Systems.

Consultancy Services:

- Department of Industry, Commonwealth of Australia, "Australian Natural Gas Modelling Framework"
- Departments of Climate Change and Prime Minister and Cabinet, Commonwealth of Australia "Emissions Trading Scheme Consultancy and Legal Services Panel".
- Department of Resources, Energy and Tourism, Commonwealth of Australia, "Clean Energy Advice Panel"
- Department of Resources, Energy and Tourism, Commonwealth of Australia "National Energy Efficiency Initiative Smart Grid, Smart City"
- Department of Employment, Economic Development and Innovation, Queensland Government "Ethanol Blended Fuels Mandate"

- CSIRO, Commonwealth of Australia "Deployment of distributed generation across the National Electricity Market"

Advisory Services:

- Department of Environment and Energy, Commonwealth of Australia
- Department of Industry, Commonwealth of Australia
- Department of Defence, Commonwealth of Australia
- Department of Foreign Affairs and Trade, Commonwealth of Australia
- Department of Attorney General, Commonwealth of Australia
- Department of Agriculture, Food and Fisheries, Commonwealth of Australia
- ABARES, Commonwealth of Australia
- Department of Resources, Energy and Tourism, Commonwealth of Australia
- Department of Climate Change and Energy Efficiency, Commonwealth of Australia
- Department of Prime Minister and Cabinet, Commonwealth of Australia
- Department of Industry, Commonwealth of Australia
- Queensland Competition Authority, Queensland Government
- Reserve Bank of Australia (RBA)
- Australian Prudential Regulatory Authority (APRA)
- Australian Energy Market Operator (AEMO)
- Geoscience Australia (GA)
- Department of Natural Resources, Mines and Energy, Queensland Government
- Department of Premier and Cabinet, Queensland Government

## Media

- Should Qld build another Coal Fired Power Station, ABC Radio Brisbane, with Steve Austin, Brisbane, Statewide Drive, 11/02/2020
- Power Price Discount Dilemma, Chanel 9 News, 15/12/2019
- Hydrogen will power our economy of the future, Queensland Business Quarterly, 30/09/2019
- Murder on the Reef, Documentary Movie on the future of the Great Barrier Reef <https://www.imdb.com/title/tt8036226/> Australian Premier 10/10/2018
- Open letter to energy ministers: Release NEG modelling in full, 1 of 23 energy economics and policy researchers who participated in a coordinated policy discuss with state governments to question the role of changes to the National Electricity Law. 31/07/2018
- Coal comfort: Queensland budget to benefit from surging mining royalties, The Guardian, 8 June 2018 Interview
- ABC Fact check: Does Australia have 3 weeks of petrol in reserve?, 23/05/2018 Interview
- Solar Power and Electricity Prices, 7 News Gold Coast, 23/05/2018 Interview
- Energy Security ABC Radio Brisbane, with Steve Austin, Brisbane, Statewide Drive, 7/5/2018
- Australia Oil Supplies ABC Radio Brisbane, with Steve Austin, Brisbane, Statewide Drive, 3/5/2018
- RFG set to close up to 200 stores across the country, Gold Coast Bulletin, 2/3/2018
- Burnett an energy hub, South Burnett Times, 3 Nov 2017 Interview
- Solar Power in Queensland, ABC Radio Brisbane, Drive with Emma Griffiths, 20 Oct 2017
- Qld Energy Policy ABC Radio Brisbane, Evenings with David Curnow, 20 Sep 2017
- Finkel Review Hedges Its Bets Australasian Science, 1 Aug 2017
- AUSTRALIAN ENERGY REVIEW CALLS FOR FUEL-NEUTRAL CLEAN ENERGY TARGET , Apps for PC Daily 9/06/2017
- Experts Weigh In On The Snowy Hydro Expansion Plans , Gizmodo Australia (Australia) 17/03/2017
- There is no gas crisis in Australia , Crikey 16/03/2017
- New digital electricity meters will soon be in every home in Queensland , Channel Nine News 28/02/2017
- Queensland Electricity Prices , Channel Nine News 14/02/2017
- Renewable energy Queensland: SA blackouts prompt debate in Sunshine State , Sydney Morning Herald 9/02/2017
- LNG giants handed short term lifeline , The Observer 3/12/2016
- Qld energy merger won't reduce power prices , The Observer 17/06/2016
- Electric vehicle uptake in Australia held back by price , Sydney Morning Herald 12/06/2016
- Tasmanian Electricity Crisis , ABC News 16/04/2016
- Worry over Curtis Island LNG exports as Asian demand dips , The Observer 4/04/2016

- Former power trader and economics professor from Griffith University Liam Wagner” , ABC Hobart 17/03/2016
- Coal vs Renewables for India’s Poor , Radio Adelaide 17/03/2016
- The Cost of Coal (in Hindi) , SBS Radio 16/03/2016
- Climate change: World leaders must choose between fighting poverty or saving earth , Gold Coast Bulletin 11/03/2016
- Coal vs Renewables for India’s Poor , Radio Adelaide 17/03/2016
- Dangerous global warming will happen sooner than thought – study, The Guardian 9/03/2016
- Rio Tinto given a “negative outlook” from investor service The Observer, 29/02/2016
- Qld Govt to introduce mandatory quotas of ethanol-fuel at petrol stations The World Today, ABC Radio National, 2/09/2015 Interview"
- Queenslanders preparing for another power price hike PM, ABC Radio National, 28/08/2015
- Adani: New blow to Australia’s biggest coal project AM, ABC Radio National, 6/08/2015
- The viability of the Adani mine Channel 7 News North Queensland, 6/08/2015
- Does privatisation increase electricity bills? Fact check, ABC News, 3/03/2015
- Government powers up to sell state asset leases, 7:30 Qld, ABC TV, 17/10/2014
- Stanwell power station to remain open (for now), Breakfast, ABC 612-Brisbane Radio, 29/9/2014
- Gas Prices and its effects on Electricity Markets, Morning Show, ABC 24, 1/7/2014
- Is solar pushing up electricity prices? Mornings with Steve Austin, ABC 612-Brisbane Radio, 25/2/2013
- Energy in Japan ABC Radio Tropical North, Mackay, 18/3/2011
- Japan’s Energy Demand, ABC Radio Southern Queensland, 22/3/2011
- Landfill site to power 6000 homes, Sounthern Star, 18/05/2011 Interview
- Carbon Tax, ABC Radio Southern Queensland, 11/7/2011
- Coal Seam Gas, Hack, Triple J Radio, 25/8/2011
- Carbon Prices, Today Tonight, Channel Seven Australia, 25/10/2010
- Gas Rush, Background Briefing, ABC Radio National, 20/6/2010 Interview
- Coal Seam Gas Report, ABC Radio Southern Queensland, 24/6/2010
- Qld small business electricity prices, Sunday Mail, 4/7/2010 Interview
- Is Australia the next Qatar?, Global Post, 11/7/2010, Interview
- Power prices crippling Coast, Sunshine Coast Daily, 30/10/2010

### **Professional Memberships:**

- International Association of Energy Economics, 2009 to Present
  - US Association of Energy Economics, 2009 to Present
- Institute of Electrical and Electronics Engineers, 2003 to Present
  - Graduate Member 2003-2007,
  - Accredited Member (MIEEE), 2008 to Present