

Energy, infrastructure & competition

Sabine Schnittger

*Diploma of Economics, University of Bonn
M.Sc. of Econometrics and Mathematical Economics,
London School of Economics and Political Science*

Electricity and gas wholesale markets

Submission to the Australian Energy Markets Commission (AEMC's) Transmission Frameworks Review (Northern Generators Group 2010).

Generation investment and barriers to entry in the South Australian region of the NEM (Australian Energy Regulator 2010).

Policy advice on options for firm generator access in the NEM (National Generators Forum 2009).

Risk assessment of increases in VOLL and CPT pricing parameters in the NEM (AEMC 2009).

ACCC submission on the competitive implications of joint marketing arrangements for natural gas for the Western Australian domestic gas market (Gorgon Gas Project joint venture 2009).

Adequacy of NEM generation and transmission reliability standards (Reliability Panel 2006).

Value of unserved energy applied to the grid investment (New Zealand Electricity Commission 2008).

Investment incentives for baseload generation in the context of the Australian energy only market design (Federal Government 2006).

Cost benefit assessment of alternative market designs for the Victorian gas wholesale market (VenCorp 2005).

Review of the regional boundary structure of the NEM (Ministerial Council on Energy 2004).

Market power mitigation mechanisms in the California, New York, NEPOOL, England & Wales power markets (2003).

Climate change policy

Comparison of exports, value added and employment of industries covered under carbon leakage provisions in Australia and the EU (Minerals Council of Australia 2011).

Analysis of global drivers for energy demand, energy supply projections and emissions trends, implications for energy investment, innovation and institutional implications (2011).

Ongoing policy advice on various design parameters of the proposed Australian carbon pricing scheme, including industry coverage of transitional assistance (2011).

Analysis of the EU and New Zealand emissions trading schemes, including transitional assistance provisions (2011).

Review and critique of the Garnaut Climate Change Review Update 2011 (2011).

Evaluation of climate change policies and technologies, including trade and investment policies in middle-income APEC economies (World Bank 2010).

Analysis of Australian industry sectors accounting for a significant proportion of greenhouse gas emissions, including contribution to economic growth and employment (2010).

Application and limitations of marginal abatement cost curves (MACCs) in the Australian climate change policy debate and their limitations (2010).

Macroeconomic costs of a carbon price and comparisons of alternative forecasts (2010).

Submission responding to the recommendations of the Prime Minister's Task Group on Energy Efficiency (2010).

Resources and infrastructure	Competition assessments
Causes, impacts and macroeconomic management options of the 'resources curse' in developing economies (2010).	Regulatory impact statement to support new regulatory proposals for the Australian equity market, including public policy objectives and detailed options and impact analysis (ASIC 2010).
Third party access provisions in Part IIIA TPA and industry implications (Minerals Council of Australia 2009).	Competition in the Australian oilseeds market, including pricing of oilseeds and vegetable oils, competition in global markets & associated freight services (Cargill 2010).
Augmentation options for the Pilbara electricity grid, including operating and capital cost savings, reliability, and transmission costs (Rio Tinto 2009).	Effectiveness of competition in the ACT and Victorian electricity retail markets (AEMC 2008, 2010).
Auction design options and risks for certain commodities products (2009).	Competition analysis of the New Zealand electricity wholesale and retail markets (Ministry of Economic Development 2009).
Preconditions for liquid futures markets for certain commodities products (2009).	Competition assessment of proposed changes to ASX's equity market (ASIC 2008/09).
Supporting analysis and competition advice re FMG's access request to the Mt Newman railway line – NCC, ACT and Federal Court (BHP 2005-08).	For a major Australian bank, various assessments of competition issues arising in the context of acquisitions contemplated by the bank and/or its competitors (2006 - 2009).
Scale & scope economies in freight railways, regulatory framework for rail in Australia, US and Europe (BHP 2008).	Competition analysis for AGL Energy's proposed acquisition of Origin Energy, including horizontal and vertical issues in gas and electricity wholesale and retail markets (AGL 2007-08).
Regulatory advice re the Hunter Valley coal chain (2007).	Competition assessment of applications for new trading venues (ASIC 2007).
Network regulation and pricing	For a major Portuguese bank, competitive implications of a banking merger (2007).
Alternative forms of incentive regulation for NBN Co (ACCC 2010).	Ongoing analysis and competition advice in the context of the proposed acquisition of Target/Officeworks, Kmart/Officeworks (Woolworths 2007).
Accounting and economic depreciation concepts and application to regulated infrastructure assets (Telstra 2008).	Competition analysis for AGL Energy's acquisition of Sun Retail and Sun Gas (AGL 2006).
Cost allocation for shared transmission investment (VENCorp 2007).	In Loy Yang vs ACCC, market power analysis of the NEM and effects of vertical integration on competition in the New Zealand electricity wholesale market (AGL 2003).
Transmission pricing framework (ACCC, New Zealand Electricity Commission, 1999, 2002).	
Economic 'principles' to guide the development and application of the regulatory test for transmission investment in the NEM (AEMC 2006).	
Regulatory test for transmission investment for Transpower and public consultation paper (New Zealand Electricity Commission 2002).	
Application of regulatory test to various grid interconnections Australia/ India (1996-2002).	