							Strategic energy									
Groupi	ng Focus area	Goals	Cor	mponents P	Programs and recommendations		plan	6 months	12 months	18 months	24 months	30 months	36 months	Source Ref.	Action	Comments
Issue	sub					31-Dec-17	30-Jun-18	31-Dec-18	30-Jun-19	31-Dec-19	30-Jun-20	31-Dec-20	30-Jun-21			
	CONSUM	1ER														
		Efficient	nt, stable p	rices and affordabili	ity											
			Effi	icient price outcome	15											
					Delivered by effective market outcomes and effective network regulation											
			Affe	ordability												
1	a			1	Transition vulnerable consumers away from higher priced standing offers and expired fixed benefit market offers, particularly those on hardship plans or experiencing payment difficulties.									AEMC Retail Competition Review 5	Retailers, consumer advocates, jurisdictions	
1	h				AER to review how well retailer hardship programs identify customers in financial difficulty and assist them to better manage their energy bills	Nov-17								, , , , , , , , , , , , , , , , , , , ,	AEP	Outcomes will form the basis of consultation/discussion with retailers, potential enforcement outcomes
1	D			R	Nex to trever how went retainer hardship programs mentury costomers in manical dimitudity and assist them to detter manage then energy onlis Require retailers to: (i) report on actions to get families on a better deal and the number on expired deals										ACN	Actions emerged from commitments agreed between the Cth Govt and retailers in Sept 2017. AER to
1				(i	(i) report on actions as get manifes that allowed the animal that number on expired users (iii) writer consumer on hardship programs do not lose benefits or discounts for late payment (iii) write to customers to inform them that a better deal is available.									Commonwealth government	Cth Govt, retailers, AER	monitor the number of customers on market offers and will publish data sets - annual performance report due to be published November 2017
2	2				Review the application of energy concession schemes and improve awareness of energy concession schemes.											ns NSW completed review in Sept 2017.
				ľ	to the trace approximation of change contact and improve directions of change contact and									Active rectal competition never 0	condition white to cond, jurisdiction	o low completed reflew in super 2027.
2	b				COAG EC should engage with relevant portfolio areas including housing, and with state, territory and local governments, to identify ways to improve access to DER and energy efficiency for low income households (including options for subsidised funding).									Finkel 6.6	COAG EC	Finkel report indicated that this recommendation should be in the 18month to 3year outlook i.e. there is flexibility around sequencing this action depending on priorities
																Finkel report indicated that this recommendation should be in the 18month to 3year outlook i.e. there is
3	a			G	Governments should accelerate the roll out of broader energy efficiency measures to complement the reforms recommended in this Review.									Finkel 6.10	Governments	flexibility around sequencing this action depending on priorities
		Relevant	nt, timely a	and actionable infor	rmation											
			Acc	cess to metering data	a											
					Commencement of competition in metering (except Victoria)	01-Dec-17								AEMC rule change	Industry, AEMO, AER	
4	а				Retailers and distributors make it easier and faster for consumers (or their agents) to access their metering data. Streamline arrangements for obtaining informed consumer consent. In the absence of change, the AER consider changes to the National Electricity Rules and National Energy Retail Rules.									AEMC Retail Competition Review 4	ECA, distributors, or AER.	
4	b			c	COAG EC should improve consumers' access to, and rights to share, their energy data.						mid 2020			Finkel 6.3	COAG EC	Finkel timetable not linked to metering competition in NEM (except Victoria). Bring forward.
4	с			c	Consumers meter data portability project									ECA	DoEE, ECA	
4	d			P	Productivity Commission data use and availability report recommended consumer data availabel in "machine-readable" form										Productivity Commission	
			Cle	ar information on pr											,	
5			Cici		The Energy Security Board's annual Health of the NEM report should include info on the price and availability of long-term retail contracts for commercial and industrials.	end 2017								Finkel 6.2	initial report led by AER, subsequent reports by ESB	t
5	a			А	The Energy-security Goard's annual reating or the New Yeport should include into on the price and availability or long-term retail contracts for commercial and industrials.  RER to consider amendments to Retail Pricing Information Guidelines and/or the National Energy Retail Law or Rules to improve  (i) how effectively consumers can compare retail market offers									Finkei 6.2	reports by ESB	A 'compliance focus area' in AER's 2017-18 work program is ensuring "retailers comply with the retail pricing
6	а			(i	(i) Those metures y consumers can compare recan market oriers  (ii) transparency of information to consumers at end of fixed benefit market offers.  ACCC should make recommendations on improving the transparency and clarity of electricity retail prices to make it easier for customers to:									AEMC Retail Competition Review 3	AER	information guidelines to display offers on Energy Made Easy in a clear and accurate manner"
				(i	(i) Understand and compare prices.  (ii) Be aware when the terms of their offer change or their discounts expire.	30 Sept 2017	30 Jun 2018									
6	h			(i	(iii) Make more informed decisions about investing in rooftop solar photovoltaic, batteries or energy efficiency measures. Also consider whether the AER requires further powers to collect and publish retail price data	Interim report	Final report							Finkel 6.1	ACCC to make recommendations	
			Auc	areness of potential												
7			AW													
/	a			ľ	The ECA and jurisdictions to develop a broad information program on consumer awareness and options to manage energy bills	Funding	Maintainence and							AEMC Retail Competition Review 1	ECA, jurisdictions, AER	
7					Resource the AER to run an effective awareness campaign and maintain the use of Energy Made Easy.	announcement 20 June 2017	promotion of EME							AEMC Retail Competition Review 2	AFR	Promotion of EME is an action in the AER's 2017-18 work plan (p13). AER looking at provisional costings for additional site functionality.
	D				nesource the Ach to fun an effective awareness campaign and maintain the use of chergy made casy.									Acivic Retail Competition Review 2	ACN	Actions emerged from commitments agreed between the Cth Govt and retailers in Sept 2017. A 'compliance
				B	Require retailers to:											focus area' in AER's 2017-18 work program is ensuring "retailers comply with the retail pricing information guidelines to display offers on Energy Made Easy in a clear and accurate manner". AER has established a
				(i	(i) develop simple, plain English fact sheets with understandable comparison rates (ii) contact customers on expired discounts and tell them how much they can save on a better deal. This will be supported by a change to the NER requiring companies to inform customers when their discount											Reference Group with AEC, ECA, retailers and consumer reps to inform the Retail Pricing Information Guidelines work. AER also working with BETA on the electricity consumption benchmarks on bills (due to be
7	с			b	benefits end, setting out the dollar impact of doing nothing.	Nov 2017								Commonwealth government	AER, Cth Govt, Retailers, AEMC	released December 2017).  Rule change request from federal energy minister. Action is one of the commitments agreed between Govt
7	d			F	Rule change requiring "notification of end of fixed benefit period"	Final report								Commonwealth government	AEMC	and retailers in Sept 2017
7	e			E	Expected expedited rule change to ban discounting off prices inflated above a retailer's standing offer.	end 2017								Commonwealth government	AEMC	Action is one of the commitments agreed between Govt and retailers in Sept 2017
		Engagen	ment and	participation												
			Abi	ility to participate in	the market (e.g. distributed energy resources, demand side participation, peer-to-peer trading)											
8	а			c	COAG EC to direct AEMC to recommend a mechanism that facilitates demand response in the wholesale market (including a draft rule change proposal for consideration by the EC.		mid 2018								AEMC. RFR interim report Dec-17, final 30-06-18	
																Scheme provides incentives to distribution businesses to use non-network options for demand management,
8	D				Demand management incentive scheme and innovation allowance mechanism determined									AER	Networks, AER	research and development in demand management to reduce long term network costs.
			Gov		s and programs (e.g. energy efficiency schemes, FIT, appliance replacement)											Consider as part of proposal for governments to expand access to energy efficiency measures (although
9	а			J	Jurisdictional programs for energy efficieny schemes or efficient appliances									Jurisdictional governments	Jurisdictional governments	broader, rather than focussed on vulnerable)
		Protection	tions			Dec 2017										
10	а			А	AEMC progressing a rule change on strengthening protections for customers with life support equipment	Final report Nov 2017					-			AER	AEMC, retailers	
11	а			A	AEMC review of regulatory arrangements for embedded networks examines consumer protections.	Final report								AEMC	AEMC	
																AER is revising its (Retail) exempt selling guideline to require exempt sellers with residential customers to be members of, or subject to, an ombudsman scheme in any jurisdiction in which the scheme allows them to be
11	b			R	Revision of retailer exemption guidelines and extension of Ombudsman scheme protections									AER	AER, retailers, distributors, customers, ANZEWON	so. ANZEWON members are making changes to their charters and constitutions, as required, to allow for membership by exempt entities
11	С				AEMC rule change examining alternatives to grid supplied network services.	Dec 2017 Final report				-	1		-	Western Power	AEMC	
11	d				ARMC should review the regulation of individual power systems and micro grids so that these systems can be used when efficient while retaining consumer protections. AEMC to draft a rule to support this recommendation.		mid 2018							Finkel 6.9	AEMC	Similar subject matter to the Western Power rule change
11				"			mid 2018								COAG EC	general control of the time strange
11	a			ŀ	COAGE CE, should accelerate its work on applying consumer protections to new energy services, and also consider safety issues as part of that work (including batteries).  Harmonise energy consumer protection arrangements across the NEM, to reduce barriers and costs for traditional and new retailers.  AEMC to advise on jurisdictional variation to the NECF, and between NECF states and Victoria.										COAG EC, AEMC	
12	h				AEMIL to advise on jurisdictional variation to the NELF, and between NELF states and Victoria.  COAG EC continue to consider how the NECF can be reformed given the diversity of new retailers, service providers and product and service offerings available in the competitive retail energy market.									AEMC Retail Competition Review / AEMC Retail Competition Review 8		
12	-				and the tree serve returning press are uncomed by the meaning of the horizont									8		
	Key			F	Finkel recommendation						-					
				V	Work already underway - e.g. market institutions						<del>                                     </del>					
				F	Recommendations - yet to be agreed											

						Strategic energy									
Grouping	Focus a	area Goals	Components	Programs and recommendations		plan	6 months	12 months	18 months	24 months	30 months	36 months So	ource	Ref. Action	Comments
Issue su	ıb				31-Dec-17	30-Jun-18	31-Dec-18	30-Jun-19	31-Dec-19	30-Jun-20	31-Dec-20	30-Jun-21			
							02 200 20				00.000.00	3330			
	INTEC	GRATING ENERGY													
		Governmen	it implement a long	g term national emissions reduction target											
1 a				By 2020, the Australian Government should develop a whole-of-economy national emissions reduction strategy for 2050.						2020		Fir	nkel	3.1 Commonwealth Government	
1 b	0			Department of Environment and Energy will conclude their review of climate policy	end 2017									DEE	
		Coordinate	d approach betwee	en the Commonwealth and jurisdictions											
2 a	1			Commonwealth and jurisdictions agree to an emissions reduction trajectory for the NEM.			"urgent need"					Fir	nkel	3.2 Governments	Could potentially be agreed and legislated/other implementaition within 6 months of Energy strategic plan
		Emissions	aduction machanics	ms to integrate with energy policy											
3 a		Ellissions	eduction mechanisi	AEMC and Climate Change Authority advice on emissions reduction mechanisms, Towards the next generation: delivering affordable, secure and lower emissions power.	Jun-17									AEMC/CCA	
															Implementation will likely require legislation as well as actions from affected businesses. Time required for this to happen. Mechanism would likely start at beginning of a financial year to leverage existing infrastructure e.g. contractual positions, National Greenhouse and Energy
3 b	)			Finkel report recommended implementation of a Clean Energy Target  AEMC is providing advice to the governments of Queensland, Victoria, South Australian and the Australian Capital Territory				"urgent need"					nkel overnments of Vic. Old.	3.2 Cth Govt	Reporting
3 c	=			on the design and impacts of a CET.	Oct-17								A & ACT	AEMC	
															Implementation will likely require legislation as well as actions from affected businesses. Time required for this to happen. Mechanism would likely start at beginning of a financial year to leverage existing infrastructure e.g. contractual positions, National Greenhouse and Energy
3 d	1			Energy Security Board advice on a retailer realibility, emissions guarantee and affordability	Oct-17							Fir	nkel	3.2 Cth Govt	Reporting
		Note: the p	hrase "urgent need	" was used in the Finkel review, recommendation 3.2.											
	Key			Finkel recommendation											
				Work already underway - e.g. market institutions											
				Recommendations - yet to be agreed											

Grouping	Goals	Components	Programs and recommendations		Strategic energy	6 months	12 months	18 months	24 months	30 months	36 months Source	Ref. Action	Comments
Grouping Focus area	Goals	components			plan							Rei. Action	Comments
Issue sub				31-Dec-17	30-Jun-18	31-Dec-18	30-Jun-19	31-Dec-19	30-Jun-20	31-Dec-20	30-Jun-21		
SECURITY													
	Frequency co	ontrol											
		Resist frequency chan	nges .										
1 a			Final determination to deliver minimum level of inertia and initial Fast Frequency Response (FFR)	Final letermination	Rule commences July 2018						AEMC	AEMO, generators	
1 b			Final determination on generator system model guidelines	12-Sep-17							AEMC, Finkel	2.1 generators	
1 c			Final determination on system strength	19-Sep-17							AEMC, Finkel	2.1 AEMO, generators	
1 d			Mechanisms to deliver additional inertia that would result in economic benefits by allowing for the less constrained dispatch of generation in the	07-Nov-17							AEMC	AEMC	
			Review of the frequency operating standard (FOS). First stage to address technical issues stemming from changes to the Emergency Frequency control	Nov 2017	mid 2018								
1 e			scheme. Second stage will consider FOS in a more fundamental manner.	stage 1	stage 2 Jan 2081						Reliability Panel	Reliability Panel	
1 f			Generator technical performance standards rule change: New generators to have active power control capability to provide fast frequency response services (part of Future Power System Security program)		Draft report Apr 2018 Final report						AEMC, Finkel	AEMO, AEMC, 2.1 Generators	
1 g			Energy security obligations. The AEMC should require transmission network service providers to provide a sufficient level of inertia for each region or sub-region, including a portion that could be substituted by fast frequency response		mid 2018						Finkel	AEMC, Transmission network service 2.1 providers	
1 h			Related to item 2a below, if there is a demonstrated benefit to having a market based mechanism for procuring fast frequency response			initiate rule change		late 2019 rule change				AEMC	
		Better frequency cont											
2 a		better frequency cont	AEMC Frequency Control Frameworks Review, will consider faster response services for FCAS, and will complement AEMO's technical work to	31 Dec 2017 draft report	30 Jun 2018 Final report						AEMC, Finkel	2.2 AEMC	
2 b				31 Dec 2017 draft report	30 Jun 2018 Final report						AEMO, Finkel	2.3 AEMO, AEMC	
			Boterior settings to provide a more continuous control of respectively with a decadard similar to international prisarctions	алагетероге	Jan 2081 Draft report						7EMO, Finici	2.15 NEMO, NEMO	
2 c			Generator technical performance standards rule change (as per item 1f above): New generators to have active power control capability to provide fast frequency response services (part of Future Power System Security program)		Apr 2018 Final report						Finkel	AEMO, AEMC, 2.1 Generators	
			AEMO's Future Power System Security program to address operational challenges from changes in the generation mix.								AEMO	AEMO	
			AEMO's Ancillary Sevices Technical Advisory Group advising on issues related to ancillercial services (current and future), with immediate focus on frequency performance.								AEMO	AEMO	
	System stren	gth											
		A stronger system											
3 a			From the System Security Market Frameworks review draft rules on the management of power system fault levels allocating responsibility for management of system fault levels to network service providers	27-Jun-17							AEMC	Industry, AEMO, AER	
3 b			performance of generators in contingency events, and active power control capabilities.	27 3411 27	mid 2018								
3 D			A comprehensive review of connections standards should occur every 3 years.		mid 2018						Finkel	2.1 AEMC	
	An adaptable	and flexible system											
		Distributed energy re-	sources										
4 a			AEMC's final report on the Distribution Market Model	22-Aug-17								AEMC	
4 b				Jan 2017								AEMO	
4 c			AEMC to review the regulatory framework for power system security related to distributed energy resources participation (as part of Reliability Frameworks Review)		mid 2018						Finkel	2.5 AEMC	
4 e			COAG EC should develop a data collection framework/mechanism to provide static and real time data for all forms of DER (in addition to its project on energy storage systems).		mid 2018						Finkel	2.6 COAG EC	
4 d			AEMC to report to COAG EC on proposed rule change to incentivise and orchestrate distributed energy resource participation in services such as frequency and voltage control				mid 2019				Finkel	2.5 AEMC	
		System resilience to t											
5 a		,	AEMO ensure the black system restart plan for each NEM region identifies the roles of parties at each stage of the restoration process, and includes regular testing of black system start equipment and processes		mid 2018						Finkel	2.4 AEMO	
											HINE		
5 b				complete								AEMO	
5 c			AEMO to update SRAS Guidelines for new standard	Nov 2017								AEMO	
6 a			Australian government to assess the NEM's resilience to human and environmental threats. The assessment should be updated every 3 years.				mid 2019				Finkel	Commonwealth 2.7 government	
6 b			vulnerabilities; stocktake of current procedures to deal with cyber incidents; assessment of AEMO's cyber security capabilities; update for participants on how the test and assess cyber security.			end 2018 initial report				Jul 2020 final report	Finkel	2.10 ESB	
7 a			Develop a strategy to improve the integrity of energy infrastructure and the accuracy of supply and demand forecasting (in recognition of the increased severity of extreme weather)			end 2018					Finkel	2.11 COAG EC	
8 a			Develop a national assessment of the future workforce requirements for the electricity sector to ensure a properly skilled workforce is available				mid 2019				Finkel	2.12 COAG EC	
							IIII 2019						
9 a			AER to report on the findings and recommendations from its compliance investigations into signficant events in the wholesale market								AER	AER	
Кеу			Finkel recommendation										
			Work already underway - e.g. market institutions										
			Recommendations - yet to be agreed										
-		-				-	-		-		· · · · · · · · · · · · · · · · · · ·		

Group	ing	Focus area Goals	Components	Programs and recommendations		Strategic energy plan	6 months	12 months	18 months	24 months	30 months	36 months	Source	Ref. Action	Comments
Issue	sub				31-Dec-17	30-Jun-18	31-Dec-18	30-Jun-19	31-Dec-19	30-Jun-20	31-Dec-20	30-Jun-21			
		RELIABILITY													
		Efficient mar	ket-based approach												
				The Reliability Standard and Settings review occurs every four years. The 2018 review will consider the standard and settings to apply from 1 July 2020. The review will assess whether the current reliability framework is appropriate given the range of factors affecting reliability									NER		
1	а			including a changing generation mix and opportunities for demand side participation.  energy in the NEM to meet the reliability standard. The Review will assess existing and potentially new elements and mechanisms that	interim	30-Apr-18 30 Jun 2018								Reliability Panel	
2	а			could address reliability in both the short- and long-term. The Reliability Frameworks Review will address various Finkel review recommendations:		final							AEMC	AEMC	
				a. the suitability of a 'day-ahead' market to assist in maintaining system reliability. b. the need for a Strategic Reserve as a safety net in exceptional circumstances as an enhancement or replacement of the Reliability and		1 Mar 2018									
				Emergence Reserve Trader mechanism. AEMO to lodge any rule change request in relation to RERT in light of proof of concept work with		rule change									
				ARENA. c. to develop and implement a Generator Reliability Obligation, including a forward looking regional reliability assessment, to ensure	31 Dec 2017 interim	lodged 30 Jun 2018									
2	b			adequate dispatchable capacity is present in each region.  AEMO has provided advice to the Federal Energy Minister on the: the adequacy of current and forecast levels of dispatchable resources to		final							Finkel	3.3, 3.4 AEMO, AEMC	
				meet the reliability standard over the next 10 years, given forecast exit of base-load generation, options to deliver adequate levels of											
3	a			dispatchable power into the future, and mechanisms to stabliise wholesale electricity prices.  AEMO advice to ESCOSA on what technical capabilities should be imposed as licence conditions for generators connecting to the power	Sep 2017 Mar 2017								Cth Govt	AEMO	
4	а			system in South Australia (part of Future Power System Security program)	Aug 2017								ESCOSA	AEMO	
			Information												
5	а			AEMO to publish its short term demand forecast methodology, FY2018 summer forecast, preparedness for FY2018 summer	late 2017								Finkel	1.1 AEMO	Part of AEMO's summer readiness plan
5	b			AEMO's statement of opportunities, energy adequacy assessment projection, and projected assessments of system adequacy	ongoing		ongoing		ongoing		ongoing		NER	AEMO	
5	С			Generators to provide information to AEMO on their fuel resource adequacy and fuel supply contracts	late 2017				- 0		0.0		AFMO	generators	Part of AEMO's summer readiness plan
					iate 2017								AEIVIO		Part of Acinio's suffilier readiness plan
5	d			AER to finalise framework for reporting on wholesale market performance, in particular monitoring effective competition										AER	
5	e			AER to separately report to COAG Energy Council on the NSW electricity market for behaviour that may be detrimental to effective competition and on the electricity market in Victoria and SA in light of Hazelwood power station's closure									COAG EC	AER	
5	f			ARR to provide information to generators regarding compliance with their obligations so that market forecasts are as accurate as possible, and if necessary, summer contingency plans can be activated with as much notice as possible										AER, generators	
		Annonvioto	intervention mecha												
		Appropriate	intervention mecha	nisms The Reliability Frameworks Review will consider changes that are required to existing intervention mechanisms, including (as above) the the need for a Strategic Reserve as a safety net in exceptional circumstances as an enhancement or replacement of the Reliability and		Report to COAG									
				Emergence Reserve Trader mechanism.		Energy Council							Finkel,		
6	а			AEMO considering the strategic reserve and the RERT as part of advice to Minister.		June 2018							Energy Ministe	r 3.4 AEMO, AEMC	Intent of the recommendation is to ensure reliability. This intent is partly
7	а			AEMO to have last resort power to procure or enter into commercial arrangements to have gas fired generators available to maintain reliability of electricity supply in emergency situations	1 Sept 2017 initial response								Finkel	4.2 AEMO	addressed through AEMO's Advice to Cth Govt on Dispatchable Capability (Sept 2017)
		Clear and tra	nsparent information	on signals											
8	а			AEMO to publish an independent review of it's short term demand forecast methodology, FY2018 summer forecast, preparedness for FY2018 summer	late 2017								Finkel	1.1 AEMO	
8	h			AEMO's statement of opportunities, energy adequacy assessment projection, and projected assessments of system adequacy	ongoing		ongoing		ongoing		ongoing		NFR	AEMO	
				AEMO to require generators to provide information on their fuel resource adequacy and fuel supply contracts, to enable it to better assess	ongoing		- Ongoing		ogomg		- Soliig			, serio	
8	c			fuel availability. Data collection, risk assessment and required changes to procedures and guidelines.  The AER will then implement targeted monitoring to ensure there is compliance with the provision.	late 2017								Finkel	4.1 AEMO, generators, AER	
				AEMO has recently submitted a rule change request to the AEMC to replace the current contingency-based definitions of lack of reserve	Oct 2017 draft										
9	а			conditions with a system triggered by a wider range of risks than those presently allowed for in the definitions.  The AEMC's Reliability Panel publishes information on the reliability outlook for the medium-term (generally 3 to 7 years), as part of its four	'Dec 2017 draft								AEMO	AEMC	
10	а			year Review of the reliability standard and settings.		Apr 2018							NER	Reliability Panel	
11	а			AER management of generator compliance and summer readiness	summer readiness									AER	
		Key		Finkel recommendation											
				Work already underway - e.g. market institutions											
				Recommendations - yet to be agreed											
			1	ı		-1			1	1		1	1	1 1	1

					Strategic energy								
Grouping Focus area	Goals	Components	Programs and recommendations		plan	6 months	12 months	18 months	24 months	30 months	36 months Source	Ref. Action	Comments
Issue sub				31-Dec-17	30-Jun-18	31-Dec-18	30-Jun-19	31-Dec-19	30-Jun-20	31-Dec-20	30-Jun-21		
issue sub				31-Dec-17	30-Jun-18	31-Dec-18	30-Jun-19	31-Dec-19	30-Jun-20	31-Dec-20	30-Jun-21		
EFFECTIV	E MARKETS												
	Market pa	rticipation											
		Participation											
1 a			Introduction of metering competition (except Victoria).  AER to monitor compliance with new obligations and undertake education and awareness activities.	1-Dec-17							AEMC, AER	Industry, AER	
1 b			AEMC analysis of Distribution Market Model, examining how distributed energy can be integrated into and participate in the NEM.  COAG EC to direct AEMC to recommend a mechanism that facilitates demand response in the wholesale market (including a draft rule change proposal	Aug 2017							AEMC	Industry	
2 a			for consideration by the EC).		mid 2018						Finkel	6.7 COAG EC, AEMC	
		Information on mark	ket participation										
3 a			Develop a credible survey on electricity trading hedging products. Absent industry action, the AEMC will consider whether electricity OTCs should continue to be exempt from derivative trade reporting requirements.								AEMC 2017 Retail Competition Revie	w 9 Retailers, industry	
4 a			The Energy Security Board's annual Health of the NEM report should include information on the price and availability of long-term retail contracts for commercial and industrials.	end 2017							Finkel	6.2 ESB with AER input	
	T	nt and efficient prices											
	Transparei												
		Market overview	ACCC inquiry into retail electricity prices in the NEM. Scope of inquiry is broad and may examine issues associated with vertical integration and										
5 a			wholesale market power.	draft Sept 17	Final Jun 18						Cth Government	ACCC	
		Specific initiatives											
6 a			Rule change on whether to align the wholesale electricity market settlement time period (currently 30 minutes) with the 5 minute dispatch period.	Nov 2017							Sun Metals	AEMC	
					30 Jun 2018 Frequency control	Sep 2018 intitiate rule change							
6 b			Potential creation of pricing mechanisms for the provision of inertia and fast frequency response		frameworks review	miciate raic change					AEMC. Finkel	2.2 AEMC	
					rillarreport						ALIVIC, FIIREI		
6 c			Implementation of cost-reflective network tariffs	01-Dec-17								Networks, AER	
	Market ref	orms to facilitate and a	adapt to change										
		Trial programs											
7 a			AEMC to review and update the regulatory framework to facilitate proof-of-concept testing of innovative approaches and technologies. AEMO/ARENA to lodge rule change request if proof of concept trials identify a barrier.			31-Dec-18					Finkel	2.8 AEMC	
7 h			A funding source for trials by AEMO and the Australian Renewable Energy Agency should be assured for the long term. First two projects have been		Confirm funding in						Field	20 5046 56	
, b			funded (August 2017)		FY18/19 Budget?						Finkel	2.9 COAG EC	
			Finkel recommendation										
			Work already underway - e.g. market institutions										
			Recommendations - yet to be agreed				1	1					

							Strategic energy								
Grou	ping	Focus area	Goals	Components	Programs and recommendations		plan	6 months	12 months	18 months	24 months	30 months	36 months Source	Ref. Action	Comments
Issue	sub					31-Dec-17	30-Jun-18	31-Dec-18	30-Jun-19	31-Dec-19	30-Jun-20	31-Dec-20	30-Jun-21		
		NETWORI	KS												
			Efficient regulatio	on of monopoly infrastru	cture										
					itive and regulated services										
				Defined to it of compet		4.0 47							1510		
1	а				Introduction of metering competition (except Victoria).	1-Dec-17							AEMC	Industry	
1	b				Distribution network service providers (DNSPs) implementing AER guidelines on ring-fencing and AER's role on compliance and waivers  Transmission connections and planning arrangements rule change allows contestability for connection services while keeping the Transmission	May 2017	Jan-18 Jul 2018						AER	DNSPs, AER	
1	С				network services provider (TNSP) responsible for network outcomes	Final report	commences						AEMC	TNSPs	
1	d				Contestability of energy services, rule change request seeking to reinforce the principle that only natural monopoly services be regulated	Dec 2017 Final report							COAG EC, AEC	AEMC	
					Off-grid electricity supply, rule change request. Proposed rule change to facilitate distributors using off-grid supply models to supply customers with										
1	e				electricity, instead of maintaining or replacing the network assets through which customers were previously supplied. Under the proposal, the AER would determine whether such supply is economically regulated or contestably provided.	19-Dec-17							Western Power	AEMC	
				Economic regulation	,	20 200 2									
				Economic regulation	Electricity Network Economic Regulatory Frameworks Review, annual, ongoing										
2	а				Tensure DNSPs financial incentives allow for distributed energy resources to contribute to the management of network constraints (e.g. through demand side participation). Consider as part of the AEMC's annual Electricity network economic regulatory framework review			1 Jul 2018		1 Jul 2019		1 Jul 2020	COAG	AEMC	
	a				COAG EC or AEMC financial modelling to test if there is a preference for capital investments in network assets over operational expenditure on			1 Jul 2018		1 Jul 2019		1 Jul 2020			
2	b				demand-side measures.		mid 2018						Finkel	6.8 AEMC	
2	С				If modelling demonstrates bias, COAG EC should direct AEMC look at alternative models such as total expenditure approach. AEMC/AER to progress after finalisation of contestability rule change.				mid 2019				Finkel	6.8 AEMC	
3	а				COAG EC commission a further review of the Regulatory Investment Test for Transmission to ensure the reforms implemented following the 2017 COAG EC review have been effective. A review of the Regulatory Investment Test for Distribution should occur at the same time.						mid 2020		Finkel	5.5 COAG EC, AER	
4	2				Legislation passed to abolish Limited Merits Review	Oct 2017							Cth Govt, Finkel	5.4 COAG EC	
						0002017	20 Jun 40								
4	b				ACCC examining network costs and asset values, and impact on price, as part of its Retail Electricity Pricing Inquiry.		30-Jun-18						Cth Govt	ACCC	
			Evolution of netw	orks as efficient platfor	ns for energy services										
5	а				Cost reflective network tariffs implemented.	01-Dec-17							AEMC	DNSPs	
5	b				Demand management incentive scheme and innovation allowance mechanism - incentives to use non-network options for demand management and research and development to reduce long term network costs.								AER	AER, Networks	
				Distribution											
6	а				The AEMC's Distribution Market Model review examined how to efficiently integrate DER into the NEM. Findings and recommendations for additional analysis have been proposed.	22-Aug-17							AEMC	Industry	
6	h				AER to review and update the RIT- D/T application guidelines								COAG EC	AER	
0	U				Acts to review and update the stir- by rapplication guidelines								COACEC	ALI	
				Transmission		Aug 2017									
						Discussion									
						paper Nov 2017									
7	а				AEMC is reviewing whether generation and transmission investments are efficiently coordinated.	Options paper	mid 2018						COAG EC	AEMC	
7	b				AEMO to develop an integrated grid plan to facilitate the efficient development and connection of renewable energy zones across the NEM. Work to be conducted in consultation with transmission network service providers (TNSPs) and stakeholders.		mid 2018						Finkel	5.1 AEMO, TNSPs	
					AEMO, in consultation with TNSPs and consistent with the integrated grid plan should develop a list of priority projects in each region that										
					government could support if the required investment to enable the development of renewable energy zones does not occur. The AEMC to develop a rigorous framework to evaluate the priority projects, including guidance for government on the circumstances in which it										
7	С				may intervene to facilitate specific transmission investments.				mid 2019				Finkel	5.2 AEMO, AEMC	
7	d				National Transmission Network Development Plan	Annual		Annual		Annual		Annual		AEMO	
									initiation early						Finkel report indicated that this recommendation should be in the 18month to 3year outlook i.e. there is flexibility around sequencing
7	e				COAG EC, in consultation with the ESB, to review how AEMO's role in national transmission planning can be enhanced				2019?				Finkel	5.3 COAG EC, ESB	this action depending on priorities
8	f				AER to review and update the RIT-T/D application guidelines								COAG EC	AER	
		Key			Finkel recommendation										
					Work already underway - e.g. market institutions										
L					Recommendations - yet to be agreed										

Group	oing Focus area	Goals	Components Programs and recommendations		Strategic energy plan	6 months	12 months	18 months	24 months	30 months	36 months	Source	Ref.	Action Comments
				24 D 47										
Issue	sub			31-Dec-17	30-Jun-18	31-Dec-18	30-Jun-19	31-Dec-19	30-Jun-20	31-Dec-20	30-Jun-21			
	GAS													
		Access to efficiently										Commonwealth		AEMO
			The Gas Supply Guarantee involves gas producers making gas available to meet peak demand periods in the NEM, including with AEMO having the power to direct the market.	late 2017								Government		Gas producers
1	а		a. cost benefit study into the construction of gas pipelines from the Northern Territory and Western Australia b. a bioregional assessment program to assess potential impacts on waterways and aquifers from unconventional gas projects			GAP initiative	is for 3 years					Commonwealth Government		Cth Govt
2	2		Australian Domestic Gas Security Mechanism to deliver sufficient natural gas to meet the forecast requirements of the domestic market, including limiting LNG exports if required. Annual decision on whether to invoke the mechanism.	Decision to invoke mechanism		invoke mechanism		invoke mechanism		invoke mechanism		Commonwealth Government		Cth Govt, Industry
	d					mechanism		mechanism		mechanism				
4	a		COAG EC should make available relevant regulatory and scientific data on gas in an informative and easily accessible way  Governments should adopt a case by case evidence based regime to assess individual gas projects, and landholders would receive fair compensation	end 2017			initiation early 2019?					Finkel		COAG EC  Finkel report indicated that this recommendation should be in the 18month to 3year outlook i.e. there is flexibility around sequencing this action depending on priorities
		Access to efficiently	priced pipeline infrastructure  The Gas Market Reform Group (GMRG) developed an information and arbitration framework for non-scheme pipelines. The framework											
5	а		commenced in August 2017, the information provision requirements in the regime commence 1 February 2018.	01-Aug-17	01-Feb-18							GMRG		GMRG
5	b		The AEMC is reviewing the economic regulation of covered pipelines.		mid 2018							COAG EC		AEMC
5	с		The Senior Committee of Officials to report on regulatory options to strengthen pipeline regulation	end 2017								COAG EC		sco
		Market information												
			Market assessment											
6	а		ACCC inquiry into the supply of and demand for wholesale gas in Australia, including focus on pricing, volumes, domestic availability compared to export, the availability of goods or services that facilitate the supply of gas or gas transportation services.		Reports	every 6 months for	r next 3 years, commer	nding in Octobe	er 2017			Commonwealth Government		ACCC
6	ь		Gas Bulletin Board improvements											
			Improvements to AEMO's Gas Bulletin Board being progressed in rule change processes:											
7	а		<ol> <li>information on planned asset retirements and capacity outlooks for gas powered generators</li> <li>recommendations from GMRG, for e.g. to publish secondary pipeline trading capacity trades data</li> </ol>	Sept 2017 for GPG information Ctn Govt										AEMC
7	с		AEMO to publish real time assessment of gas flows and market analysis to assist participants make operational decisions	announced commitment of \$2m for AEMO to implement 9 May 2017								Commonwealth government		"The Government has also committed \$2.0 million to the Australian Energy Market Operator to improve publication of real time assessment of gas flows and market analysis, to make it easier for the market operator, businesses and investors to make informed decisions about gas MEMO market operations." - Frydenberg media release, 9 May 2017
			nformation  AEMO to require generators to provide information on their fuel resource adequacy and fuel supply contracts, to enable it to better											
8	a		assess fuel availability	Dec 2017								Finkel	4.1	generators
8	b		Document supply risks of each major generator by December 2017	Complete								AEMO		AEMO
8	С		AEMO to make changes to procedures and guidelines to improve generator reporting of energy constraints	Dec 2017								AEMO		AEMO
8	d		AER to implement targeted monitoring to ensure there is compliance with the provision									COAG EC		AER Info from status report provided to SCO on 14 Aug 2017
9	а		COAG EC should make available relevant regulatory and scientific data on gas in an informative and easily accessible way	end 2017								Finkel	4.4	COAG EC
		Gas market reform												
10		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	AEMO reforms to Wallumbilla Gas Supply Hub to create a single trading zone completed in March 2017. This followed the introduction of									Fact Coast C		ACMO
10	d		a Gas Supply Hub at Moomba in June 2016.  Victorian government reforms to improve the ability of participants to manage price and volume risks, is expected to lead to rule change									East Coast Gas review		AEMO
10	b		request to the AEMC	late 2017								Victorian government		AEMC
			COAG EC is expected to require the AEMC to provide a biennial report to monitor the growth in liquidity in the wholesale gas and pipeline capacity trading markets. This report is expected to inform any further reforms that are necessary.		mid 2018									
11	a		AER will contribute to these reviews by regularly publishing quantitative liquidity metrics on its website.	end 2017	first report							COAG EC	+	AEMC, AER GMRG
12			The GMRG is implementing measures to improve secondary trading of pipeline capacity, including standardising gas transportation	work complete		late 2018						COAC FC		AEMC COAG EC
12	d		contracts, designing a capacity auction mechanism, and developing a capacity trading platform.			implementation						COAG EC	1	COAG EC
													1	
													1	
	Key		Finkel recommendation											
			Work already underway - e.g. market institutions											
L			Recommendations - yet to be agreed	1	1	1			l .	1	1	1	1	

Group		Focus area	Goals Components	Desgrams and recommandations		Strategic energy plan	6 months	12 months	18 months	24 months	30 months	36 months	Source	Ref. Action	Comments
Group		rocus area	doais components	Programs and recommendations	31-Dec-17	30-Jun-18	31-Dec-18	30-Jun-19	31-Dec-19	30-Jun-20	31-Dec-20	30-Jun-21	Source	Rei. Action	Comments
Issue															
		GOVERNANCE													
			Leadership and strategic direction												
			Strategic direction												
1	а			Advise on a multi-year view of the strategic priorities for the energy sector. An initial three year view, with annual refreshes.	31-Oct-17		Annual refresh		Annual refresh		Annual refresh		COAG EC	AEMC, AEMO, AER, E	CA
1	b			COAG EC should develop and maintain a strategic energy plan, informed by the blueprint, to guide the operation and evolution of the NEM		mid 2018							Finkel	7.1 COAG EC, ESB	
1				COAG EC should report annually to COAG on its priorities for the next 12 months and progress against the strategic energy plan	end 2017		Annual reporting		Annual reporting		Annual reporting		Finkel	7.4 COAG EC	
1	L			energy pran									Filikei	7.4 COAGEC	
			Leadership	COAG EC establish an Energy Security Board to oversee the implementation of the blueprint, and for whole of	Done										
2	а			system oversight of energy security and reliability	Dolle								Finkel	7.2 COAG EC	
			Recommit to a na	tional energy market   COAG EC should recommit to a new Australian Energy Market Agreement											
3	2			a. that takes a nationally consistent approach to emissions reduction b. that requirements jurisdictions to give notice prior to taking any unilateral action		mid 2018							Finkel	7.3 COAG EC	
	d			AEMO and AEMC to assess the effectieness of the new licensing arrangements for generators in South Australia		mid 2018									
4	а			and whether they should be applied in other NEM regions									Finkel	3.4 AEMO, AEMC	
			Role clarity and coordination												
			Role clarity	COAG EC and the ESB to issue Statements of Expectations to the AEMC and AER, and a Statement of Role to											
5	а			AEMO, containing outcomes based performance indicators		mid 2018							Finkel	7.5 COAG EC, ESB	
			Coordination												
6	a			Opportunities for improved coordination on reviews and reports by the market bodies.		mid 2018							Energy sector strategic priorities	ESB. AEMC. AEMO. A	ER Linked to Strategic energy plan
			Responsiveness to market changes	7											37,6
			National electricit	y rules  AEMC or ESB to complete a comprehensive review of the national electricity rules with a view to streamlining							end 2020				
7	а			them in light of changing technologies and conditions.							ena 2020		Fnikel	7.7 AEMC or ESB	
			Functional improv	vements											
8	а			The Vertigan review recommendations to expedite the rule -making process should be implemented	end 2017								Finkel	7.8 COAG EC	
8	b			The ESB should prioritise work with the market bodies and COAG EC to further optimise the end to end rule change process	end 2017								Finkel	AEMC, AEMO, AER, 7.9 COAG EC	Linked to Vertigan review recommendations
8	c			SCO and COAG EC to examine how to deal with recommendations in a more timely manner	end 2017								Energy sector strategic priorities	COAG EC, SCO	Linked to optimising rule change process
				COAG EC to issue a Statement of Policy Principles to the AEMC to provide further clarification and policy guidance		mid 2018									
8	d			on applying the NEO in the rule making process	Done								Finkel	7.10 COAG EC, AEMC	
9	а			COAG EC to ensure adequate funding for the AER and ESB  AEMO to update its Constitution by developing a new skills matrix for directors that will ensure appropriate	Jone								Finkel	7.11 COAG EC	
10	а			representation of engineering or equivalent expertise	Nov 2017 AEMO AGM								Finkel	7.12 AEMO	
10	b			The three year cooling off period for independent directors of AEMO should be reduced to 6 months			107.1						Finkel	7.13 AEMO	
11	а			The ESB and AER to develop a data strategy for the NEM	end 2017 first phase		end 2018 strategy		annual review		annual review		Finkel	7.14 ESB, AER	
		Key		Finkel recommendation											
				Work already underway - e.g. market institutions											
				Recommendations - yet to be agreed											