Focus area Goals	Components Programs and recommendations	12 months	24 months	36 months	Source	Ref. Action
CONCLUMEN		31-Dec-18	31-Dec-19	31-Dec-20		
CONSUMER						
Efficient pri	ce outcomes and affordability					
	Efficient price outcomes					
	Delivered by effective market outcomes and effective network regulation					
	Affordability				AEMC Retail Competition	COAG EC write to COAG,
	Review the application of energy concession schemes and improve awareness of energy concession schemes.				Review	6 jurisdictions
	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	Retailers, consumer advocates, 5 jurisdictions
	COAG EC should engage with relevant portfolio areas including housing, and with state, territory and local governments, to identify ways to improve				Neview	3 jurisuictions
	access to DER and energy efficiency for low income households (including options for subsidised funding).				Finkel	6.6
	Governments should accelerate the roll out of broader energy efficiency measures to complement the reforms recommended in this Review.				Finkel	6.1
	Require retailers to: (i) report on actions to get families on a better deal and the number on expired deals					
	(ii) ensure consumer on hardship programs do not lose benefits or discounts for late payment				Commonwealth	
	(iii) write to customers to inform them that a better deal is available.				government	
Accessible i	nformation					
	Awareness of potential savings					
	The ECA and jurisdictions to develop a broad information program on consumer awareness and options to manage energy bills				AEMC Retail Competition Review	1 ECA, jurisdictions
					Veriew	1 LCA, Juristictions
	Require retailers to: (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				Commonwealth	
	requiring companies to inform customers when their discount benefits end, setting out the dollar impact of doing nothing.				government	
	Clear information on prices and contracts					
	AER 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				AEMC Retail Competition	2 450
	(ii) transparency of information to consumers at end of fixed benefit market offers.				Review	3 AER
	ACCC should make recommendations on improving the transparency and clarity of electricity retail prices to make it easier for customers to:  (i) Understand and compare prices.					
	(ii) Be aware when the terms of their offer change or their discounts expire.					
	(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.					ACCC to make
		30-Sep-17			Finkel	6.1 recommendations
	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	initial report led by AER, 6.2 subsequent reports by ESB
	Resource the AER to run an effective awareness campaign and maintain the use of Energy Made Easy.				Review	2 AER
	Access to metering data					
	Commencement of competition in metering (except Victoria)	01-Dec-17			AEMC rule change	
		01-Dec-17				
	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.
	COAG EC should improve consumers' access to, and rights to share, their energy data.			mid 2020	Finkel	6.3 COAG EC
	Energy Consumers Australia Data Portability project			1111d 2020	ECA	ECA ECA
					LCA	LCA
Engagemen	t and participation					
	Ability to participate in the market (e.g. distributed energy resources, demand side participation, peer-to-peer trading)  COAG EC to direct AEMC to recommend a mechanism that facilitates demand response in the wholesale market (including a draft rule change proposal					AEMC. RFR interim report Dec-
	for consideration by the EC.	mid 2018			Finkel	6.7 17, final 30-06-18
	Facilitate other consumer participation opportunites through demand response opportunities					
	Government incentives and programs (e.g. energy efficiency schemes, FIT, appliance replacement)					
	Jurisdictional programs for energy efficieny schemes or efficient appliances					
	Sanisaletional programs for energy enteriory schemes of enterior appliances					
Protections						
	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.		mid 2019		AEMC	7
	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	8 COAG EC
	COAG EC should accelerate its work on applying consumer protections to new energy services, and also consider safety issues as part of that work					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	(including batteries).	mid 2018			Finkel	6.5 COAG EC
	AEMC progressing a rule change on strengthening protections for customers with life support equipment	16-Dec-17			AER	
	AEMC review of regulatory arrangements for embedded networks examines consumer protections.	28-Nov-17			AEMC	
	AEMC rule change examining alternatives to gird supplied network services.	19-Dec-17			Western Power	AEMC
	AEMC should review the regulation of individual power systems and micro grids so that these systems can be used when efficient while retaining	26-09-17 draft			Finkel	6.9 AFMC
	consumer protections. AEMC to draft a rule to support this recommendation.	determination	<u> </u>		Finkel	6.9 AEMC

Focus area	Goals	Components	Programs and recommendations	12 months	24 months	36 months	Source	Ref.	Action
rocus area	doais	Components	Frograms and recommendations	31-Dec-18	31-Dec-19	31-Dec-20	Source	Kei.	Action
NTECDATI	NC ENERCY A	AND ENGICEIONIC	C DOLLCIEC	31-Dec-18	31-Dec-19	31-Dec-20			
NIEGRAII	NG ENERGY A	AND EMISSIONS	) PULICIES						
	Governme	nt implement a long	g term national emissions reduction target						
			By 2020, the Australian Government should develop a whole-of-economy national emissions reduction strategy for 2050.			2020	Finkel	3.1	Commonwealth Government
			Department of Environment and Energy will conclude their review of climate policy	end 2017					
	Coordinate	ed approach betwee	n the Commonwealth and jurisdictions						
			Commonwealth and jurisdictions agree to an emissions reduction trajectory for the NEM.	"urgent need"			Finkel	3.2	Governments
	Emissions	reduction mechanisr	ns to integrate with energy policy						
			AEMC and Climate Change Authority advice on emissions reduction mechanisms, Towards the next generation: delivering						
			affordable, secure and lower emissions power.	Jun-17					
			A credible mechanism is needed. A Clean Energy Target (CET) is recommended.	"urgent need"			Finkel	3.2	Governments
			AEMC is providing advice to the governments of Queensland, Victoria, South Australian and the Australian Capital Territory on				Governments of Vic, Qld,		
			the design and impacts of a CET.	Oct-17	_		SA & ACT		AEMC

ocus area	Goals	Components	Programs and recommendations	12 months	24 months	36 months	Source	Ref. Action
				31-Dec-18	31-Dec-19	31-Dec-20		
URITY								
	Frequency	, control						
	,	Resist frequency of	hanges					
		Resist frequency c						
			Final determination to deliver minimum level of inertia and initial Fast Frequency Response (FFR)	19-Sep-17			AEMC	AEMC
			Minimum initital inertia level set	Apr 2018			AEMC, Finkel	2.1
			AEMO to submit rule change request proposing generator performance standards (to have FFR capability)	Aug 2017			AEMC, Finkel	2.1 AEMO
			Final determination on generator performance standards rule request	mid 2018			AEMC, Finkel	2.1 AEMC
			Final determination on generator system model guidelines	12-Sep-17			AEMC, Finkel	2.1 AEMC
			Final determination on system strength	19-Sep-17			AEMC, Finkel	2.1 AEMC
			Mechanisms to deliver additional inertia that would result in economic benefits by allowing for the less constrained dispatch of generation in the					
			market. A draft rule change is being assessed.	07-Nov-17 Sept 2018	late 2019		AEMC	
			Related to above, if there is a demonstrated benefit to having a market based mechanism for procuring fast frequency response	initiate rule Nov 2017	rule change			
			Devian of the formula and and (EQC). Sint there to add the chair line is a formula from the control of the formula and the for	stage 1				
			Review of the frequency operating standard (FOS). First stage to address technical issues stemming from changes to the Emergency Frequency control scheme. Second stage will consider FOS in a more fundamental manner.	mid 2018 stage 2			Reliability Panel	
			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	2.1
		Better frequency	control					
				31 Dec 2017 draft report				
			AEMC Frequency Control Frameworks Review, will consider faster response services for FCAS, and will complement AEMO's technical work to understand recent deterioration in frequency control performance.	30 Jun 2018 Final report			AEMC, Finkel	2.2 AEMC
			In response to a rule change request from AEMO, the AEMC is investigating the requirement for synchronous generators to change their governor settings to provide a more continuous control of frequency with a deadband similar to international jurisdictions				AEMO, Finkel	2.3 AEMO, AEM
			As above: New generators to have fast frequency response capability				Finkel	2.1
	System str	rength						
		A stronger system						
			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	
			The AEMC should view and update the connections standards to address system strength, reactive power and voltage control capabilities, the					
			performance of generators in contingency events, and active power control capabilities.  A comprehensive review of connections standards should occur every 3 years.	mid 2018			Finkel	2.1
				1111d 2010			THIRE	2.1
	An adapta	ble and flexible syster						
		Distributed energy	resources					
			AEMC's final report on the Distribution Market Model	22-Aug-17				AEMC
			AEMO's Visibility of Distributed Energy Resources	Jan 2017				AEMO
			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
			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
			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	mid 2018	1110 2013		Finkel	2.6 COAG EC
			energy storage systems).	11110 2018			rinkei	2.6 COAG EC
		System resilience	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
			AEMO to upgrade compliance testing and revised black start system plans	complete				
			AEMO to update SRAS Guidelines for new standard	Nov 2017				
			Australian government to assess the NEM's resilience to human and environmental threats. The assessment should be updated every 3 years.		mid 2019		Finkel	Commonwe 2.7 governmen
			The ESB to provide an annual report on the cyber preparedness of the NEM. The report to include: assessment of participants cyber maturity and vulnerabilities; stocktake of current procedures to deal with cyber incidents; assessment of AEMO's cyber security capabilities; update for participants	end 2018		Jul 2020		
			on how the test and assess cyber security.  Develop a strategy to improve the integrity of energy infrastructure and the accuracy of supply and demand forecasting (in recognition of the increased	initial report		final report	Finkel	2.10 ESB
			severity of extreme weather)	end 2018			Finkel	2.11 COAG EC
	i i	İ		I				

ea Goals Components	Programs and recommendations	12 months	24 months	36 months	Source	Ref. Action
		31-Dec-18	31-Dec-19	31-Dec-20		
SILITY						
Efficient market-based appro	pach					
	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 including a					
	changing generation mix and opportunities for demand side participation.	30-Apr-18				Reliability Pa
		31 Dec 2017				
	The AEMC is conducting a Reliability Frameworks Review to assess changes necessary to provide an adequate amount of dispatchable energy in the	interim				
	NEM to meet the reliability standard. The Review will assess existing and potentially new elements and mechanisms that could address reliability in	30 Jun 2018				
	both the short- and long-term.	final				AEMC
	The Reliability Frameworks Review will address various Finkel review recommendations:	31 Dec 2017				
	a. the suitability of a 'day-ahead' market to assist in maintaining system reliability.	interim Mar 2018				
	b. the need for a Strategic Reserve as a safety net in exceptional circumstances as an enhancement or replacement of the Reliability and Emergence					
	Reserve Trader mechanism. AEMO to lodge any rule change request in relation to RERT in light of proof of concept work with ARENA.	rule change lodged				2.2
	c. to develop and implement a Generator Reliability Obligation, including a forward looking regional reliability assessment, to ensure adequate	30 Jun 2018			Finled.	3.3,
	dispatchable capacity is present in each region.	final			Finkel	3.4 AEMO, AEM
	AEMO is providing advice to the Federal Energy Minister on the: the adequacy of current and forecast levels of dispatchable resources to meet the					
	reliability standard over the next 10 years, given forecast exit of base-load generation, options to deliver adequate levels of dispatchable power into					
	the future, and mechanisms to stabliise wholesale electricity prices.	01-Sep-17				AEMO
		01-26h-17				AEIVIU
	AEMO advice on South Australia licensing arrangements	Aug 2017				
Information	AEMO to publish its short term demand forecast methodology, FY2018 summer forecast, preparedness for FY2018 summer	01-Sep-17				
	Rule change to replace the contingency-based definitions of lack of reserve conditions with a system triggered by a wider range of risks					
	AEMO's statement of opportunities, energy adequacy assessment program, and projected assessments of system adequacy	ongoing				
	Generators to provide information on their fuel resource adequacy and fuel supply contracts	01-Dec-17				
+	Concention to provide members and the state of the state	02 200 2				
Appropriate intervention me	chanisms					
	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 Emergence Reserve Trader					
	mechanism.	Report to COAG Energy			Finkel.	
	AEMO considering the strategic reserve and the RERT as part of advice to Minister.	Council June 2018			Energy Minister	3.4 AEMO, AEM
		553.161.74116 2010				S. I. I.E.W.O, ALIVI
	AEMO to have last resort power to procure or enter into commercial arrangements to have gas fired generators available to maintain reliability of	1 Sept 2017				
	electricity supply in emergency situations	initial response			Finkel	4.2 AEMO
Clear and transparent inform	nation signals					
	AFMO to publish an independent region of the short-to-order to the short to the sho					
	AEMO to publish an independent review of it's short term demand forecast methodology, FY2018 summer forecast, preparedness for FY2018	Con 17			Finkel	1.1 AEMO
	summer	Sep-17			Finkel	1.1 AEIVIU
	AEMO has recently submitted a rule change request to the AEMC to replace the current contingency-based definitions of lack of reserve conditions					
	with a system triggered by a wider range of risks than those presently allowed for in the definitions.					
	, , , , , , , , , , , , , , , , , , , ,				AEMO	AEMC
	AEMO's statement of opportunities, energy adequacy assessment program, and projected assessments of system adequacy	ongoing	ongoing	ongoing		
	ALINO 3 Statement of Opportunities, energy adequacy assessment program, and projected assessments of System adequacy	ongoing	ongoing	Oligolis		
	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 year					
	Review of the reliability standard and settings.					
	· •	2018				
	AEMO to require generators to provide information on their fuel recourse adequate and fuel cumply contracts to smalle it to better according					
1	AEMO to require generators to provide information on their fuel resource adequacy and fuel supply contracts, to enable it to better assess fuel					AEMO, gene
	availability. Data collection, viely accomment and required absorbed to make advant and evided to a			i de la companya del companya de la companya del companya de la co	and the second s	A FIVIL) GENE
	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.	Dec 2017			Finkel	4.1 AER

is area	Goals	Components	Programs and recommendations	12 months	24 months	36 months	Source	Ref. Action
		·		31-Dec-18	31-Dec-19	31-Dec-20		
CTIVE	MARKETS							
	Market pa	rticipation						
		Participation						
			AEMC analysis of Distribution Market Model, examining how distributed energy can be integrated into and participate in the NEM. This is part of its					
			Future Power System Security Program.	22-Aug-17			AEMC	
			Rule change on requirements for non-scheduled generators and loads to be scheduled and participate in central dispatch	12-Sep-17	<u> </u>		Snowy, ENGIE	AEMC
			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			Finkel	6.7
		Information on	market participation					
			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 Retail Competition Review	9 Retailers, industry
			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
	Transparer	nt and efficient prid	Ces Control Co					
		Market overvie						
			ACCC inquiry into retail electricity prices in the NEM. Scope of inquiry is broad and may examine issues associated with vertical integration and	draft Sept 17				
			wholesale market power.	Final Jun 18				
		Specific initiativ						
		Specific illitiativ	les					
			Rule change on whether to align the settlement time period (currently 30 minutes) with the 5 minute dispatch period.	28-Nov-17			Sun Metals	AEMC
			Rule Change on whether to align the settlement time period (currently 30 minutes) with the 3 minute dispatch period.	28-1107-17			Sull Metals	ALIVIC
			Creation of pricing mechanisms for the provision of inertia and fast frequency response					
			Creation of pricing mechanisms for the provision of mertia and fast frequency response					
			Implementation of cost-reflective network tariffs	01-Dec-17				Networks
			Implementation of cost reflective network turns	01 DCC 17				THE COUNTY
	Market ref	forms to facilitate a	and adapt to change					
	iviarie rei	ois to lacintate t	and despt to shange					
		Trial programs						
		THAT PLOBIAINS						
			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
			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				Fining	3.0.004.0.50
			funded (August 2017)				Finkel	2.9 COAG EC

Focus area	Goals Co	mponents	Programs and recommendations	12 months	24 months	36 months	Source Ref.	Action
				31-Dec-18	31-Dec-19	31-Dec-20		
NETWORK	<b>S</b>							-
	Efficient regulation of	monopoly infrastru	cture					
	Do	lineation of compati	tive and regulated services					
	De	illieation of competi	tive and regulated services					
			Introduction of metering competition (except Victoria).	1-Dec-17				Industry
			(					
			Distribution network service providers (DNSPs) implementing AER guidelines on ring-fencing	Jan-18				DNSPs, AER
			Transmission connections and planning arrangements rule change allows contestability for connection services while keeping the Transmission					
			network services provider (TNSP) responsible for network outcomes					TNSPs
			Contestability of energy services, rule change requests:					
			a. COAG EC seeks to reinforce the principle that only natural monopoly services be regulated					
			b. The Australian Energy Council (AEC) seeks contestable frameworks for some inputs (e.g. network support) that DNSPs use	a. 21 Nov 2017			COAG EC, AEC	AEMC
			Off-grid electricity supply, rule change request. Western Power proposes a change to facilitate distributors using off-grid supply models to supply					
			customers with 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				
	Ecc	onomic regulation						
			COAG EC or AEMC commission financial modelling to test if there is a preference for capital investments in network assets over operational					
			expenditure on demand-side measures.	mid 2018			Finkel 6.8	AEMC
			Final report Electricity Network Economic Regulatory Frameworks Review	01-Jul-18				
			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	BAEMC
			COAG EC to finalise and implement the proposed reforms to Limited Merits Review	end 2017			Finkel 5.4	COAG EC
				ena 2017			Tillkei 3.4	COAGEC
			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
			Ensure DNSPs financial incentives allow for distributed energy resources to contribute to the management of network constraints (e.g. through demand side participation). Considered as part of the AEMC's 2018 Electricity network economic regulatory framework review.					
	Evolution of networks	as efficient platforn	ns for energy services					
			Following a rule change, cost reflective network tariffs are being implemented.	01-Dec-17				DNSPs
	Dis	stribution						
			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				
			anarysis nave been proposed.	22-Aug-17				
	Tra	ansmission						
	110			20				
			AEMC is reviewing whether generation and transmission investments are efficiently coordinated. This is being addressed in the reporting on drivers of change that impact transmission frameworks.	22 Aug 2017 Discussion paper				
			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 may					
			intervene to facilitate specific transmission investments.		mid 2019		Finkel 5.2	AEMO, AEMC
			Extended National Transmission Network Development Plan	Dec 2017				
			Stage two final report on drivers of shares	:-I 2040				
			Stage two final report on drivers of change	mid 2018				
			COAG EC, in consultation with the ESB, to review how AEMO's role in national transmission planning can be enhanced				Finkel 5.3	COAG EC, ESB
	1		25. 15 25, solibulation man are 255, to review now relate 5 forcin national datismission planning can be emilialized	I	<u>I</u>	<u> </u>	<sub>1</sub>   3.3	

s area	Goals Components			Source Ref		Ref. Action	
			31-Dec-18	31-Dec-19 31-Dec-20			
S							
3							
	Access to efficiently priced gas	The Peak Supply Guarantee involves gas producers making gas available to meet peak demand periods in the NEM, including with			Commonwealth		
		AEMO having the power to direct the market.	late 2017		Government		Gas producers
		2017 budget measures to improve domestic gas supplies include:					
		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					
		c. Gas acceleration program (GAP) to accelerate the development of onshore gas fields d. funding to overcome regulatory barriers and inconsistent policies	GAPi	initiative is for 3 years	Commonwealth Government		
				·			
		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 on whether	er to invoke the mechanism is made each year	Commonwealth Government		
		market, including limiting the exports in required. Annual decision on whether to invoke the medianism.		cach year	Government		
		Governments should adopt a case by case evidence based regime to assess individual gas projects, and landholders would receive fair			Finkel	4.2	Covernments
		compensation			rinkei	4.3	Governments
		COAG EC should make available relevant regulatory and scientific data on gas in an informative and easily accessible way			Finkel	4.4	COAG EC
	Access to efficiently priced pipeline	infrastructure					
		The Gas Market Reform Group (GMRG) developed an information and arbitration framework for non-scheme pipelines. The	1 Aug 2017,				
		framework commenced in August 2017, the information provision requirements in the regime commence 1 February 2018.	1 Feb 2018		GMRG		
		The AEMC is reviewing the economic regulation of covered pipelines.	mid 2018				AEMC
		The Senior Committee of Officials to report on regulatory options to strengthen pipeline regulation	end 2017				
	Market information						
	Market assessm	ent ent					
		ACCC inquiry into the supply of and demand for wholesale gas in Australia, including focus on pricing, volumes, domestic availability	Reports every 6 mg	onths for next 3 years, commending	Commonwealth		
		compared to export, the availability of goods or services that facilitate the supply of gas or gas transportation services.	·	in October 2017	Government		ACCC
	Gas Bulletin Boa	rd improvements					
		Improvements to AEMO's Gas Bulletin Board being progressed in rule change processes:					
		1. information on planned asset retirements and capacity outlooks for gas powered generators	Sept 2017 for GPG				
		2. recommendations from GMRG, for e.g. to publish secondary pipeline trading capacity trades data	information				AEMC
		Additional AEMO improvements to the Gas Bulletin Board (e.g. publish voluntary pricing information)					AEMO
					Commonwealth		
		AEMO to publish real time gas flows and market analysis to assist participants make operational decisions.			government		AEMO
	Information						
		AEMO to require generators to provide information on their fuel resource adequacy and fuel supply contracts, to enable it to better					
		assess fuel availability		mid 2019	Finkel	4.1	generators
		Document supply risks of each major generator by December 2017	Dec 2017				
		AEMO to make changes to procedures and guidelines to improve generator reporting of energy constraints	Dec 2017				
		AER to implement targeted monitoring to ensure there is compliance with the provision					
		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
		, <u> </u>	-				
	Gas market reforms						
		AEMO reforms to Wallumbilla Gas Supply Hub to create a single trading zone completed in March 2017. This followed the introduction of a Gas Supply Hub at Moomba in June 2016.	וו				
		Victorian government reforms to improve the ability of participants to manage price and volume risks, is expected to lead to rule					
		change request to the AEMC	mid - late 2017				
			1				
		COAG EC is expected to require the AEMC to provide a biennial report to monitor the growth in liquidity in the wholesale gas and	mid 2018				
		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.	first report		COAG EC		AEMC
					COAG EC		AEMC

ocus area Goals	s Compo	onents	Programs and recommendations	12 months	24 months	36 months	Source	Ref.	Action
				31-Dec-18	31-Dec-19	31-Dec-20			
VERNANCE									
Leade	ership and strategic d	direction							
	Strates	egic direction							
	Strates		Advise on a multi-year view of the strategic priorities for the energy sector. An initial three year view, with annual refreshes.	end 2017			COAG EC		AEMC, AEMO, AER, E
			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
			COAG EC should report annually to COAG on its priorities for the next 12 months and progress against the strategic energy plan				Finkel	7.4	COAG EC
			Chergy plan	end 2017			Tillkei	7.4	COAGLE
	Leader		COAG EC establish an Energy Security Board to oversee the implementation of the blueprint, and for whole of						
			system oversight of energy security and reliability	Jul-17			Finkel	7.2	COAG EC
	Recom		nal energy market						
			COAG EC should recommit to a new Australian Energy Market Agreement a. that takes a nationally consistent approach to emissions reduction b. that requirements jurisdictions to give notice prior to taking any unilateral action				Finkel	7.3	COAG EC
			AEMO and AEMC to assess the effectieness of the new licensing arrangements for generators in South Australia and whether they should be applied in other NEM regions				Finkel	3.4	AEMO, AEMC
Role	clarity and coordinat	tion							
	Role cl	clarity							
		-	COAG EC and the ESB to issue Statements of Expectations to the AEMC and AER, and a Statement of Role to AEMO, containing outcomes based performance indicators	mid 2018			Finkel	7.5	COAG EC, ESB
	Coordi	lination							
			Opportunities for improved coordination on reviews and reports by the market bodies.						ESB, AEMC, AEMO, AE
			Staging of reforms and changes, to minimise impacts on industry and stakeholders						ESB, AEMC, AEMO, AI
Respo	onsiveness to market	t changes							
	Nation	nal electricity r	ules						
			AEMC or ESB to complete a comprehensive review of the national electricity rules with a view to streamlining them in light of changing technologies and conditions.			end 2020	Fnikel	7.7	AEMC or ESB
	Function	ional improver	ments						
			The Vertigan review recommendations to expedite the rule -making process should be implemented	end 2017			Finkel	7.8	AEMC
			The ESB should prioritise work with the market bodies and COAG EC to further optimise the end to end rule change process				Finkel	7.9	AEMC, AEMO, AER, COAG EC
			COAG EC to issue a Statement of Policy Principles to the AEMC to provide further clarification and policy guidance on applying the NEO in the rule making process	mid 2018			Finkel	7.10	COAG EC, AEMC
			SCO and COAG EC to examine how to deal with recommendations in a more timely manner						
			COAG EC to ensure adequate funding for the AER and ESB				Finkel	7.11	COAG EC
			AEMO to update its Constitution by developing a new skills matrix for directors that will ensure appropriate representation of engineering or equivalent expertise	Nov 2017			Finkel	7.12	AEMO
			The three year cooling off period for independent directors of AEMO should be reduced to 6 months	AEMO AGM			Finkel	7.13	AEMO
			The ESB and AER to develop a data strategy for the NEM	first phase end 2018 strategy	annual review	annual review	Finkel	7.14	ESB, AER