

MEUG 8 week rolling calendar week starting 18th January 2016¹

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<p>A MEUG Official Information Act request for advice to and from Ministers on prior year EECA levy appropriations was lodged 22nd December 2015 (refer web). The MEUG submission of 24th November 2015 on the EECA's proposed draft appropriations for 2016/17 stated "Ministers should cease levying electricity consumers to fund EECA work" (refer web).</p>	
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<p>A fix was made 19th December to a problem causing the HVDC to unexpectedly trip on 11th December and until fixed created uncertainty on security of the HVDC. Very good focus by Transpower to resolve this as early fears were for a very long timeline. Good communication by Transpower to keep the industry informed resulting in good co-operation by all parties to get this fix in place once a solution had been confirmed ✓</p>	
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<p>Refining NZ and Vector gas transmission announced on 18th December agreement for a new compressor for the northern gas pipeline ✓</p> <p>The Maui Mining Companies announced on 22nd December the sale of the Maui gas pipeline to First State Funds for \$335m subject to various approvals. First State Funds have just recently acquired, subject to various approvals, the Vector gas transmission and gas distribution businesses outside of Auckland. This may be an opportunity to rationalise the current different approaches Vector and the Maui Mining Companies had to gas transmission pricing.</p>	
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¹ Updates last rolling calendar for week starting 14th December 2015.

MEUG rolling calendar from week starting 18 th January 2015	Status	Jan-16	Feb-16	Mar-16	Notes, long-term timeline.
Political and legislative					
House sitting programme 3 days each week from:			09, 16	1, 8, 15, 29	
Policy and governance					
MBIE information and forecasting:					
~ NZ Energy Quarterly December quarter 2015	tba				Last publication NZ Energy Quarterly, September quarter 2015
~ Sales based elec. Costs for residential – next publication	tba				Last publication to September 2015
~ Quarterly Survey of Domestic Elect. Prices – next publication	tba				Last publication to 15-Nov-15
~ Electricity Demand & Generation Scenarios					See “Transmission” page.
MBIE targeted Commerce Act review - subs due			09		
Office of the Auditor General – performance audit of publicly owned EDB					See more details EDB page.
MfE: ETS review					
~ MfE targeted discussions with generators, energy users, retailers and industry groups – various dates and times to be confirmed depending on interest	new	04-09			
– subs on priority matters			19		Subs on remainder of issues due 30 th April.
EA governance and market monitoring:					
~ EA Board meetings		tbc	tbc	01	
~ Briefing on Electricity Market Performance: 2015 Year in Review	new			01	Auckland
~ Proposed code A to align market service provider roles with EA statutory objective and specific changes to System Operator role – subs due	new		10		
~ Regulatory Managers & Consumer reps forum	confirmed		11		
~ Review of participant audit regime – subs on supplementary questions	new		16		
~ SRC meetings				March	or April
~ WAG meetings	tbc				
~ RAG meetings	tbc				
EECA governance and market monitoring:					
~ EECA levy – reply to MEUG OIA request of 22 nd December	new				
~ EECA awards 2016 to be held 18 th May 2016. Entries close			05		
NZX review of corporate governance reporting requirements - subs	new	29			
MEUG governance - Monthly meetings		27	17	23	

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<u>Seminars and other</u>					
GIC lunchtime seminar, Mike Underhill (EECA) "Does gas fit into a low carbon future?" and Stuart Dickson (Powerco) "Where does gas fit into a smart energy future?"			19		
NZ Downstream conference				02-03	Auckland
BusinessNZ Energy Council & World Energy Council, Asia-Pacific Energy Leader's Summit, Delivering Resilient Energy Infrastructure				16-17	Wellington, www.bec.org.nz/summit
NZ Petroleum Conference 2016	new			20-22	Auckland
The Deloitte Energy Excellence Awards	new				10 August, Auckland

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<u>Training</u>					
University of Auckland Business School, Summer school in energy economics			22-26		
Energy Link training courses				Wellington	
~ Introduction to the electricity market				08	Auckland 10-May
~ Nodal pricing of electricity				09	Wellington 19-Jul
~ Hedging electricity				10	Auckland 11-May
					Wellington 20-Jul
					Auckland 12-May
					Wellington 21-Jul
Energy Management Assoc. of NZ training courses	new			17-18	Auckland 18-Oct
~ Energy Management for facilities managers					Wellington 19-Oct
NZX Understanding Electricity Markets training courses	new			30-31	Auckland 20-Oct
					Wellington 2-3 Jun, 17-18 Aug, 27-28 Oct. All Wellington except Auckland in August.

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Common quality					
System Operator Draft (ancillary services) Policy Statement – SO to consider subs and then propose changes to EA	wip				
Change to UNI voltage stability constraint					Change came into effect 19 th November. This is a consequence of recent and planned exit of thermal generators. Some market participants & MEUG have concerns on workability for Winter 2015.
Review of IR event charge and cost allocation – WAG considering New extended reserves regime:					
~ 3 rd workshop by EA, NZX System Operator	new			09-10	Annual cost/payments expected to be ~\$5m pa. Go live in 2017.
Reserves and Frequency Management (RFM) programme					Joint SO web site and EA web site activity
~ RFM Engagement Group meeting	ongoing				
~ IR: interim arrangements until NIRM implemented					HVDC FIR sharing started Dec-14.
~ IR: Full National IR Market (NIRM) implementation	ongoing				
Generator fault ride through – Code amendment takes effect					Early 2016
System Operator Emerging Technologies programme, WS1 – System Operation					Results to be published between 2016Q4 and 2017Q2 and this will inform rest of work programme

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Security of supply					
Further report on security of supply implications due to Impact of thermal generator decommissioning,			possible		Last report published 9 th December.
2016 Security of Supply Annual Assessment – draft → final	confirmed				
~ Draft published for submissions			early		
~ Final report published			late		
System Operator draft revisions to the Emergency Management Policy and System Operator Rolling Outage Plan: subs due	new		12		
National Winter Group annual forecasts:					
~ Preliminary update report published	confirmed	late	or early		Preliminary analysis published 15 th January
~ Final report published	earlier		Feb		

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Wholesale Market					
ASX NZ futures and options market:					
~ ASX weekly market wrap newsletter to commence					
~ ASX futures & options users' group meeting, Auckland		29			
FTR market:					
~ FTR monthly primary and <i>variation</i> auctions		13, <u>20</u>	10, <u>17</u>	09, <u>16</u>	FTR calendar
EA hedge market development:					
~ Implement establishment and market making for cap products per decision paper of 9 th December					Implementation through to June
~ Offsetting ASX & spot market prudential requirements, possible report release	tbc				
~ Implement recommendations from WAG Hedge Market Development paper 4th August 2015 not listed elsewhere					Pending with immediate focus on facilitating the trading of standardised cap products and voluntary market making of those products.
~ Wholesale market information – review of clause 13.2 exclusions – WAG considering					WAG discussion paper early 2016.
~ Improving public access to fuel quantity information					EA to announce programme timeline.
Other EA wholesale market work:					
~ Operating Dispatchable Demand during tight market conditions – subs due	new			01	
~ Earlier gate closure, revised bid & offer provisions	tba				Code amendment to come into effect 2017.
~ Applications for shorter post-default exit period (Part 14)	tba				
~ Spot market review – options & issues paper published					Early 2016.
~ Offer and dispatch: wind generation offers – WAG considering					

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Markets general					
MEL's replacement Brooklyn wind turbine installed					April 2016
Retail Market					
Retail Data project					
~ Phase 1: Access to consumption data, code Δ comes into effect			01		
~ Phase 2: Access to tariff data: Implement from 1 st February			01		
~ Phase 3: Access to monitoring data					Work to commence year starting 1 st July to assess if should proceed.
Effects of low fixed charges regulations – RAG to consider independent expert review of RAG's June 2015 paper to EA Board					
RAG work on domestic contracting arrangements	ongoing				Covers medically dependent consumers.
Secondary networks – RAG meeting to discuss					

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<u>Transmission</u>					
Transpower customer feedback due on draft Transpower Works Agreement	new		28		The draft will combine the existing Customer Investment Contract, Detailed Solution Development and Minor Works Agreements.
MBIE publish inaugural Electricity Demand & Generation Scenarios (EDGS)			end Feb		
Court of Appeal hearing on Vector appeals on charges for North Auckland and Northland (NAaN) assets commissioned early					26 th April 2016
EA publish TPM review: options and decision paper	tba		2016Q1		
Transpower update Transmission Tomorrow document			soon		First version was published June 2012

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<u>Distribution</u>					
CC publish selected analysis of EDB annual Information Disclosures IM reviews for electricity, gas and airfield monopolies		soon			
~ Consumer engagement (IM review & Part 4 in general topic)					CC to advise next steps at a date yet to be decided
~ Gas pipeline issues engagement topic (IM and DPP reset):					
♦ Written comments due		28			
♦ Possible workshop	new		07		
~ Emerging technologies engagement topic: written comments			04		
~ Cost of capital issues engagement topic – subs due	extended		05		
~ Cost-effectiveness CPP requirements engagement topic – workshop on CPP proposal information requirements					
♦ Agenda and workshop papers published	confirmed		05		
♦ Workshop	confirmed		29		CC considering separate workshop for gas CPP requirements on 7 th March.
~ CC to publish next process update			Feb-16		
~ Risk allocation engagement topic – CC to advise next steps			Feb-16		
~ Draft decision and reasons paper published/consulted on					Mid 2016Q2
~ Final decisions on review of all IM except Transpower Capex IM					December
~ Transpower Capex IM review					After 2016
Distribution pricing:					
~ Distributed Generation Pricing Principles – EA consult					Early 2016. This includes ACOT payments.
~ EA consultation paper, Implications of evolving technologies for pricing of distribution services - subs due			02		
Office of the Auditor General (OAG) –publicly owned EDB work:					Timing of reports not known but probably early to mid-2016
~ “Energy lines companies: Managing critical infrastructure”					Part of OAG 2015/16 theme reports on “investment and asset management”
~ Results of the 2014/15 audits					

Frequently used abbreviations:					
Δ	change, or if referring to the Code, amendment	ETS	Emissions Trading Scheme	NZIER	NZ Institute for Economic Research
AEMO	Australian Energy Market Operator	EV	Electric Vehicles	NZGA	NZ Geothermal Association
AMI	Advanced metering infrastructure	FIR	Fast Instantaneous Reserve	NZPC	NZ Productivity Commission
AMWEEs	Alternative methodologies (IM) with equivalent effect	FMCA	Financial Markets Conduct Act 2013	OAG	Office of the Auditor General
AoG	All of Government	FK	Frequency keeping	OIA	Official Information Act.
AOPO	Asset Owner Performance Obligations	FKC	Frequency keeping controller (HVDC bipole controls)	PROPS	Participant Rolling Outage Plans
APEV	Assoc. for the Promotion of EV	FO	Franks Ogilvie	PRS L/S	Price response schedule (L=long, S=short)
APR	Annual Planning Report (Transpower's)	FTR	Financial Transmission Rights	QSDEP	Quarterly survey of domestic energy prices (MBIE)
ATH	Approved test house	FPVV	Fixed price variable volume	RAG	Retail Advisory Group, convened by EA
AUFLS	Automatic Under-frequency Load Shedding	GEIP	Good Electricity Industry Practice	RFM	Reserves & Frequency Management programme
AWATEA	Aotearoa Wave & Tide Energy Assoc.	GETS	Government Electronic Tender Service	RTD	Real time dispatch
BEC	BusinessNZ Energy Council	GNE	Genesis Energy	RTP	Real time pricing
BIM	Briefing for Incoming Ministers	GPS	Gas Pipeline Services	SI	South Island
CBA	Cost Benefit Analysis	GTB	Gas Transmission Businesses	SIR	Sustained Instantaneous Reserve
CC	Commerce Commission	GXP	Grid Exit Point	SO	System Operator
CE	Contingent Event	HHI	Herfindahl-Hirschman Index	SoO	Statement of Opportunities (published by EC)
CEN	Contact Energy	HHR	Half-hourly reconciliation (re data or meters) cf. NHH	SOROP	System Operator Rolling Outage Plan
CfD	Contracts for differences	ICP	Individual Connection Point	SoS	Security of supply
CIC	Customer investment contracts (Transpower)	ID	Information Disclosure	SOSPA	System Operator Service Provider Agreement
CMP	Capacity Measurement Period	IDD	Information Disclosure Determination	SDP	Scheduling, Pricing & Dispatch (obj., model)
COB	Close of business	IHD	In-home display ie smart meter display	SM	Selection Methodology (for extended reserves)
Code	Electricity Industry Participation Code 2010	IM	Input Methodology	SME	Small or medium enterprise
CPP	Customised Price-Quality Path	IPP	Individual Price-Quality Path regulation	SRC	Security and Reliability Council
C&S	Clearing & Settlement (usually refers to Part 14)	IR	Instantaneous Reserves	SSDG	Small scale DG (<10kW)
CSF	Critical Success Factor	IRIS	Incremental Rolling Incentive Scheme	subs	submissions
CUWLP	Clutha-Upper Waitaki Lines Project	IWA	Ireland, Wallace & Assoc.	SWOT	strengths, weaknesses, opportunities and threats
DCLS	Dispatch-capable load station (for DD "market")	LEANZ	Law & Economics Assoc. of NZ	tba	to be advised
DD	Dispatchable Demand	LFC	Low fixed charges regulations	TOU	time-of-use (metering)
DG	Distributed generation	MBIE	Ministry of Business Innovation & Employment	TPM	Transmission Pricing Methodology
DPP	Default Price-Quality Path regulation	MDC	Medically dependent consumer	TPW	Trustpower
DUML	Distributed unmetered load	MEP	Meter equipment provider	TRS	Technical Requirements Schedule (for ER)
DR	Demand Response	MEPS	Minimum Energy Performance Standards	UFM	Under-frequency management
EA	Electricity Authority	MFK	Multiple FK	UoSA	Use of System Agreement
EC	Electricity Commission (predecessor to EA)	MGUG	Major Gas Users' Group	VCT	Vector
ECE	Extended Contingent Event	MM	Market making	VoLL	Value of Lost Load
EEA	Electricity Engineers' Association	MRP	Mighty River Power	vSPD	vectorised SPD model
EECA	Energy Efficiency & Conservation Authority	MUoSA	Model Use of System Agreement	VUW	Victoria University of Wellington
EDB	Electricity Distribution Business	n.a.	not applicable	WACC	Weighted average cost of capital
EDF	Energy Data File (published by MBIE)	NHH	Non-half-hourly read, cf. HHR	WAG	Wholesale Advisory Group, convened by EA
EDGS	Electricity Demand and Generation Scenarios	NI	North Island	WEC	World Energy Council
EGCC	Electricity & Gas Complaints Commission	NIC	New Investment Contracts (with Transpower)	WDS	Week-ahead dispatch schedule
EIEPs	Electricity Information Exchange Protocols	NIRM	National IR Market	WIAL	Wellington International Airport Ltd
EIH	Expected Interruption Hours (for AUFLS)	NIU	National Infrastructure Unit (part of Treasury)	wip	work in progress
EMANZ	Energy Management Assoc. of NZ	NOI	Notice of Intention (formal notice by CC)	WITS	Wholesale Information & Trading System
ENA	Electricity Networks Association	NPV	Net Present Value	w/s	week starting
EPOC	Electric Power Optimisation Centre	NRS L/S	Non responsive schedule (L=long, S=short)	x-sub	cross-submission
ER	Extended Reserves	NZAS	NZ Aluminium Smelters		
ERM	Extended Reserves Manager	NZCID	NZ Council for Infrastructure Development		