

MEUG 12-week rolling calendar week starting 12 March 2018

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<ul style="list-style-type: none"> ➤ Helpful Green Paper by Vector “EV Network Integration” 07-Mar.¹ Lays out the risks & opportunities without overly promoting an EDB centric solution. Well worth a read. ✓ 	
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<ul style="list-style-type: none"> ➤ EA published a summary on 06-Mar of the first 6-month update by EDB (at Oct-17) of their distribution pricing structure reforms roadmaps published Apr-17.² The roadmaps are voluntary and EDB engagement with the EA and consumers patchy. EDB will need to lift their game if they are not going to be caught out (lose shareholder value) and or inhibit customers making good decisions and paying for new services they want and not subsidising others as discussed in Vector green paper noted above. ✘ 	
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¹ <https://www.vector.co.nz/articles/ev-network-integration>

² <https://www.ea.govt.nz/development/work-programme/pricing-cost-allocation/distribution-pricing-review/development/update-on-roadmaps/>

MEUG 12-week rolling calendar from week starting 12-Mar-18	Mar	Apr	May	Long-term timeline & notes
001 Parliament Sitting days (3-days starting Wed):				
002		20, 27-Mar	01-May	
003		03, 10-Apr	08-May	
004			15-May	Budget Day is 17-May.
005			22-May	
006 Ministerial & Departmental Policy				
007				
008 MBIE				
009 * Electricity price review - next steps to be announced				Feedback on draft TOR closed 19-Jan. Helpful MBIE meeting 19-Feb on data sources
010 * Electricity Demand & Generation Scenario forecasts				MEUG to follow-up MBIE (discussed briefly at data sources meeting 19-Feb)
011				
012 Independent Crown Entities (ICE)				CC and EA are ICE.
013 NZ Productivity Commission (NZPC)				
014 * Low emissions economy final report				30-Jun
015				
016 Crown Agents				
017 EECA: Lo emission vehicle contestable fund 4th RFP closes		11-Apr		Up to \$4m available in this round.

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018	Training Energy Link (all training in Dunedin)				
019	Introduction to the electricity market		10-Apr		Then: 03-Jul 16-Oct
020	Nodal pricing or electricity		11-Apr		04-Jul 17-Oct
021	Hedging electricity				05-Jul
022	BrightStar training, Fundamentals of the NZ Electricity Industry			02-03 May	Wellington. Then 26-27 Jun, Auckland
023					
024					
025	Seminars and other				
026	Downstream Strategic Summit:				MEUG is a supporting organisation for this premia industry event.
027	Network Managers Forum	12-Mar			SkyCity, Auckland, by invitation only.
028	Downstream conference	13-14 Mar			SkiCity, Auckland
029	PEPANZ, NZ Petroleum Conference		26-28 Mar		Wellington
030	GREEN Grid Conference & EV seminar		13-Apr		Uni. of Canterbury, Electric Power Engineering Centre
031	Energy Users Assoc. of Australia National Conference			02-03 May	Melbourne. Theme: Future Thinking
032	NZWEA conference, Optimising wind energy for a low C economy			02-May	Wellington. NZWEA = NZ Wind Energy Assoc. Think tank session on 03-May.
033	Energy Trader Forum			09-May	Auckland. Then 08-Aug, 14-Nov, both Wellington
034	NZ Minerals Forum 2018				29-30 May, Queenstown
035	Electricity Engineers Assoc. Conference				20-22 June, SkyCity, Auckland
036	Deloitte Energy Excellence Awards 2018				22-Aug. 10 categories including Large Energy User Initiative of the year sponsored
037					by EECA Business. Entries close 21-May, finalists announced 21-Jul.
038	BEC with WEC, Asia Pacific Energy Leaders Summit 2018				31-Oct to 01-Nov, Te Papa. BEC=BusinessNZ Energy Council
039	"3D Vision - New Energy Perspectives"				and WEC=World Energy Council

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<u>Monopolies general</u>					
040	Transpower (TPNZ) general:				
041	* Transpower Works Agreement - finalised early Feb-18				MEUG to analyse subs to TPNZ on TWA.
042	* TPNZs Auckland strategy				Completed by Jun-18.
043	* Grid ratings Δ summer to shoulder then to winter ratings	15-Mar		10-May	Excludes circuits with variable line ratings (VLR) and interconnecting transformers
044	* Interconnection charges from 01-Apr-18		01-Apr		\$113.77/kW (8% decrease c.f. current \$124/kW)
045	* TPNZ publish Implications of electricity transport paper				tba. See also helpful VCT green paper, EV Network Integration, 07-Mar.
046	* Stakeholder Forum dates - subject to confirmation			03-May	then 17-Aug and 23-Nov.
047	ENA Network Transformation Roadmap to 2050				Dr Allan Miller preparing for ENA conference mid-Oct. 4-scenarios: Set & forget, Prosumer, Leaving the grid, Going green
048	Vector judicial review of UDL Penrose substation fire decision				Hearing ended 09-Mar. Decision pending. UDL=Utilities Disputes Ltd. See UDL row 132.
049					Note CC decision on breach enforcement action possibly announced in Mar.
050					
<u>Monopoly services regulated by CC</u>					
051	CC open letter of 09-Nov on EDB priorities				Subs published. CC to announce next steps.
052					
053	Aurora non-compliance enquiry				Ongoing.
054					
055	Input Methodologies (IM)				
056	* TPNZ Capex IM review - final decision	B4 end Mar			

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057	TPNZ IPP				
058	* Demand Response trial				Need to review ahead of IPP reset. See also EA review in row 96.
059	* RCP2 listed projects:				TPNZ must seek approval for listed projects B4 end Jun-18.
060	HVDC Oteranga Bay to Haywards reconductoring (OTB-HAY A)				Application soon, Listed \$28m, now expect \$17m. Implement Jan to mid-Apr 2020.
061	* Major capex proposals				
062	Waikato & UNI Voltage Management				Application mid-2018
063	* Key Base capex				
064	Central NI constraints				Bunnythorpe-Mataroa 110kV & Tokaanu-Whakamaru 220kV
065	~ Series reactor, new SPS on Bunnythorpe-Mataroa 110kV				2018Q3
066	Kawerau T13 interconnecting transformer replacement				Subs closed 28-Jul.
067	* Voltage disturbance working group - bi-annual meeting				tba
068	* RCP3 reset and new IPP starting 01-Apr-20				
069	Proposed service performance measures				TPNZ considering subs on second engagement paper that closed 28-Apr.
070	Consultation on POS categorisation & VoLL				tba
071	TPNZ submission to CC				B4 end Sep-18 (ITP at that date forms basis for proposal)
072	Grid connected batteries economic				"unlikely to be so before 2022" (refer TPNZ Battery storage report Sep-17)

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073	DPP				
074	Electricity DPP reset 01-Apr-20				
075	ENA, ERANZ & MEUG to engage on improving quality in P-Q path				
076	EDB connected or community-scale batteries economic				
077					
078	CPP Powerco - final decision B4 end Mar, then go-live		01-Apr		Post-final-decision review of process and lessons learned required
079	CPP WELL earthquake ready -final decision B4 end Mar, then go live		01-Apr		Post-final-decision review of process and lessons learned required
080	MBIE reply due to 2nd OIA on correspondence from WELL		21-Mar		
081	CPP future application windows			07-14 May	No applications expected
082					Then 11-18 Feb-2019. From then to end RCP2, 31-Mar-20, no application windows
083					
084					First window in RCP3 is 04-May to 12-May 2020.
085					Aurora to apply mid-2020 (this later target date announced 06-Mar-18)
086					
087	Airports Price Setting Event #3 (PSE3) ex post reviews				Policy topics of interest to MEUG: Does/will "dual-till" apply to EDB,
088					Airports WACC at mid-point, and how large new investments paid for.
089	AIAL draft report			26-Apr	Subs due 25-May, x-sub 08-Jun. Final report 20-Sep.
090					MEUG made x-sub on AIAL asset beta on 26-Jan-18.
091	CIAL draft report				Published 28-Jun. Subs due 26-Jul, x-sub 09-Aug. Final report 20-Sep
092	WIAL PSE3 commences				2019

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093	Monopoly services regulated by EA TPNZ demand response (DR) protocol management, EA paper				Work to start on options to incorporate DR platform into spot market
094					
095	EI Act s.16(1)(g), industry and market monitoring (monopolies):				
096	* Efficiency of distribution company arrangements				Focus on ability to respond to technology Δ's, Δ from focus of prior project "efficiency of distribution company arrangements"
097					
098					
099	EI Act s.90 EDB applications for line-energy exemptions				
100	* Top Energy application relating to network support				tba. This was 2nd leg of application. First leg exemption (Ngawha) granted Sep-17.
101					
102	Code Part 12 Transport				
103	* EA review of TPM guidelines (cl. 12.81(1)(b))				Decision on next steps before 30-Jun.
104	* TPNZ operational review #2 of TPM (cl. 12.85)				TPNZ announced 10-Jan not to proceed. TPNZ reply to MEUG OIA for CBA on decision not to proceed recieved 13-Feb.
105					
106					
107	Code Part 12A Distributor UoSA and distributor tariffs				
108	* DDA - second consultation paper				July.
109	EA surveying parties on costs of contracting with EDB				
110	* Distribution pricing Δs to be cost-reflective & service-based				
111	EA published overview of progress to date on 06-Mar				
112	2nd 6-monthly EDB pricing roadmap progress reports due		30-Mar		Publishing roadmaps/updates is voluntary. 16 made updates, 9 didn't (had initial roadmap). 4 EDB have not published anything, (Alpine, Buller, Electricity Ashburton & Marlborough).
113	* Review of dist. pricing principles & guidelines - consultation			By May	

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114	Markets general				
115	ACCC:				
116	Review of electricity prices in Australia				Review started 27-May-17. Final report by 30-Jun-18.
117	Gas market transparency measures				EA BIM, Oct-17, appendix C: Lessons from Australia, helpfully tests if similar risks for NZ Programme commenced 20-Apr-17. Quarterly reports due for 3-years.
118	Generation:				
119	Eastland's Te Ahi O Maui 22 MW plant commissioned				Aug-18, geothermal binary plant at Kawerau.
120	Top Energy 2X28 MW (gross?) binary plants at Ngawha				Planned 1st 28 MW commissioned 2021, 2nd 28 MW commissioned 2026
121	GNE Rankine units, coal use ceases "in normal market conditions"				2025 (announced 13-Feb-18) & "intention to phase out coal use completely by 2030"
122					Note Rankine units can still use gas and units may be retired earlier in any case.
123	Nova's 360MW OCGT WPP start of consent window expires				2027
124	Ownership:				
125	TECT beneficiaries (must be TPW customers) feedback				TECT considering subs that closed 01-Mar. TECT = Tauranga Energy Consumer Trust
126	on proposal to become a 100% charitable trust				
127	Market design topics outside EA work programme:				
128	Resurrection of suggested capacity payments?				See Dr Peter Crampton visit Feb-18. MEUG oppose capacity payments.
129	UDL: CEN application for declaratory judgement				MEUG is monitoring as a precedent setting case.
130	re car ramming pole case in 2015.				
131	Consultation on 5-yearly review round 1 begins	12-Mar			
132	See also under monopolies, VCT JR case, row 048				

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Markets work by EA					
133	Board meetings	12-Mar	05-Apr	02-May	
134	Meet the Board networking event	12-Mar			Auckland (evening B4 Downstream)
135	EA 2018-19 work programme & levy consultation				Subs closed 19-Dec-17. Decisions announced Government budget 17-May.
136	Security & Reliability Council (SRC) meetings		28-Mar		
137	Decision on 3-SRC Council members to be announced.				tba. Nominations closed 23-Jan.
138	Innovation & Participation Advisory Group (IPAG) meetings				Meeting dates not known. Working on "Equal Access Project" (see row 207)
139	Decision on new Chair to be announced				tba. Nominations closed 27-Feb.
140	Market Development Advisory Group (MDAG) meetings	15-Mar			Working on "Review of spot market trading conduct provisions" (row 232),
141					"saves & win-backs" (row 213) and possibly "Battery storage in w/sale mkt" (row 190).
142	Regulatory Managers & Consumer Representatives briefing		11-Apr		
143	2018 Code review programme consultation decisions				Subs closed 06-Mar.
144	EI Act s.16(1)(f), market facilitation measures:				
145	* ASX cap products listed. EA note ""experiencing delays				\$130/MWh & \$300/MWh cap products at OTA & BEN
146	because of adjustments to ASX margins and other risk settings"				Once listed EA design and monitor performance metrics.
147					NZX, as service provider of the Electricity Hedge Disclosure system, have
148					enhanced that system in anticipation of caps being listed.
149	* ASX Users' group meeting				tba
150	* Possible standardisation of OTC & intermediating contracts				In evaluation phase
151	* EA re-commencing publishing weekly hedge analysis report				EA considering

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152	EI Act s.16(1)(g), industry and market monitoring (markets):				
153	* Lessons from South Australia blackout				tba
154	* Review of hedge market dynamic in winter 2017				Covers hydrology-spot correlation, hedge-spot and overall management
155	* Monitoring for new technologies - review starts		2018Q1		
156	* EA educational portal prototype				Prototype available CY18 Q2
157	* Review of 02-Jun-16 high spot price event - publish		soon		
158	* Review of distribution sector				Scope approved by EA Board. Note work on dashboards will not be published.
159	* SI AUFLS trip 02-Mar-17 review				tba
160	* Post implementation reviews of 2015 prudential regime, DD, FTR				tba
161					
162	Code Part 3 Market operation service providers				
163	Enhanced connectivity to NZX's energy market systems				Mid 2018
164					
165	Code Part 6 Connection of distributed generation				
166	* DG in place 06-Dec-16 listed as eligible for ACOT payments:				
167	~ Regulations Review Committee consideration				
168	~ Lower SI (LSI) list - decision		soon		To consider complaint by TPW supported by IEGA, of Dec-16 Code Δ List comes into effect 01-Apr-18.
169	~ other region lists come into effect after consultation				LNI 01-Oct-18 (consultation Jun-18), UNI 01-Apr-19, USI 01-Oct-19.
170	* Review DGPP incremental cost ceiling				EA to revisit this after progress on TPM and distribution pricing
171					
172	Code Part 7 System Operator (SO)				
173	* SO publishes System Security Forecast and seeks feedback		soon		
174	* Implement Hydro Risk Curve (HRC) GNE proposed Δ			30-Apr	Decision announced 06-Mar.
175	MEUG OIA request for all subs - reply due		06-Apr		MEUG concerned on Δ to model to include thermal fuel commercial limitations.
176	* Annual Security Assessment 2018 - Final decision				Announced 28-Feb. No concerns by MEUG.
177					

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178	Code Part 8 Common Quality				
179	* Under-frequency events (UFE)				UFE 2018 YTD=1, 2017=3, 2016=1, 2015=0, 2014=4, 2013=14, 2012=4
180	~ UFE 02-Mar-17 final decision pending				Draft determination, Grid Owner caused 1st event (precedent setting), MEL 2nd event.
181	~ UFE's 11 and 15 Jun-17 final decision pending				Draft determination, CEN causer (not contested).
182	~ UFE 09-Feb-18, 5:04am (NI)				SO to report, then consultation will start on draft determination.
183					
184	* NI extended reserves implementation - Update on next steps	Mar			
185	Future enhancements:				To-be-considered once implementation is on track.
186	eg adding procurement, & a real-time regime				
187	* IR event charge and cost allocation - WAG report to EA				Next steps tba
188	* Possible new IR products - close out report	Mar			
189	* Review of FK services - investigate tender based procurement	Mar			
190	* Battery storage in wholesale market - initial focus for AS				SO to start work - aligns with most submitters views rather than use AOPO. MDAG may take the lead. MDAG meetings row 140)
191					
192	Code Part 9 Security of Supply (SoS)				
193	* Post review of customer compensation scheme (CCS) review:				Substantial refinements to be included in review of OCC.
192	Subs on CCS tweaks to be implemented this year close		10-Apr		
193	* Review of Official Conservation Campaign settings				Any refinements to be introduced prior to winter 2019.
194	* PROPS -biannual updates progressed as they arise				SO to develop template to improve & lower biannual revision compliance costs.
195	* NZ Generation Balance Assessment rolling 6 month risk f/cast				No current f/cast shortfall risks
196	* EA and SO review of SOS regime, including HRC calc.				Planned for 2017-18. To be in place for use by SO for winter 2019.
197	This will lead to Δ's to SSAD published Nov-12.				SSAD=Security Standards Assumptions Document
198					
199	Code Part 10 Metering				
200	* Metering & registry processes operational review consultation			May to Jun	
201	* Urgent Code Δ for flexibility in certification expires				12-Sep (mandatory 9-month expiry for urgent Δ's).

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202	* EIEP - review of subs that closed 22-Sep				Next steps tba. MEUG supported making planned outage EIEP 5A mandatory
203	Possible 2nd consultation	Mar to Apr			
204	* Registry content				Next steps tba. Subs closed 06-Oct. Subs closed 07-Nov, published 21-Nov.
205	* Data & data exchange				
206					EA will consider with multiple trading relationships subs
207	* Equal access project, IPAG leading (meetings row 138).				Focus area noted in above 06-Nov-17 decision paper Example markets are those for network support services or distributed energy services.
208	* EA & CC Interface working group initial focus area is on				
209	the regulation and facilitation of existing & potential				These topics are interrelated and have wider scope than just Part 11
210	contestable electricity sector markets				
211	* Participant definition project consultation paper	Early 2018			New task arising from 06-Nov-17 decision paper
212	* Multiple trading relationships subs				Next steps tba. Subs closed 27-Feb.
213	* Saves and win-backs - issues paper published		2018Q2		MDAG leading (MDAG meetings row 140)
214	* Review of trader ICP switch process - tech. group meetings	Feb-Mar			Consultation paper after March.

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215	Code Part 13 Trading arrangements				
216	* Wind gen. offers - EA Board considers, then decision posted	12-Mar			
217	* Wholesale market disclosure regime - decision published			May	
218	* RTP - decision on next steps				
219					
220					
221					
222					
223					
224	* FTR market:				
225	FTR enhancements - decision		Apr		
226	First auction of 3-new FTR hubs			May	
227	(new hubs are Whakamaru, Kikiwa, Redclyffe)				
228	Loss & Constraint Excess (LCE) treatment				
229	* Enabling Dispatchable Demand (DD) at conforming nodes				
230	* Post implementation of DD				
231	* Review of wholesale market trading arrangements				
232	* Review of spot market trading conduct provisions				
233	* Dispatch Service Enhancement - Business case approved			May	
234	Next stage of Electronic Dispatch Facility (EDF) work				
235	* Making price f/casts more accurate - options paper			May	
236	* WITS access policy code Δ consultation (if needed)	Soon			
237					
238	Code Part 14 C&S:				
239	Offsetting ASX & spot market prudentials - EA considers	12-Mar			
240	Review of direct connect default rules consultation (if needed)		2018Q2		