

## MEUG 8 week rolling calendar week starting 6<sup>th</sup> June 2016<sup>1</sup>

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~ MBIE published on 17 <sup>th</sup> May a consultation paper Options for expanding the purpose of existing energy levies. This brings back into the policy debate questions on:	
o What value do consumer's get from the existing EECA electricity efficiency levy?	
o And when should levies or general taxation be used to fund specific EECA activities?	
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~ Genesis Energy in conjunction with ASX and EA are leading an ASX Cap product working group. A very good example of a joint industry led and EA facilitated approach to improving competition and choice ✓	
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~ EA published consultation papers on TPM and DGPP on 17 <sup>th</sup> May. Submissions close 26 <sup>th</sup> July.	
~ Transpower published an updated Transmission Tomorrow document on 25 <sup>th</sup> May.	
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<sup>1</sup> Updates last rolling calendar for week starting 16<sup>th</sup> May 2016.

MEUG rolling calendar from week starting 6 <sup>th</sup> June 2016	Status	Jun-16	Jul-16	Aug-16	Notes, long-term timeline.
<b>Political and legislative</b> <a href="#">House sitting programme</a> 3 days each week from:		01, 08, 15, 28	05	09, 16, 23	
<b>Policy and governance</b> MBIE <a href="#">Options for expanding the purpose of existing energy levies</a> – submissions due	new	07			This brings back into the policy debate questions on: <ul style="list-style-type: none"> <li>• What value do consumer's get from the existing EECA electricity efficiency levy?</li> <li>• And when should levies or general taxation be used to fund specific EECA activities?</li> </ul>
MBIE National Energy Strategy update					Dates for consultation to be announced.
MBIE information and forecasting publications:		June			Last <a href="#">December quarter 2015</a> published 17 <sup>th</sup> March 2016
~ NZ Energy Quarterly March quarter 2016		?			Last published for <a href="#">December 2015 quarter</a>
~ <a href="#">Quarterly Sales based elec. Costs for residential</a>		?			Last published for survey dated <a href="#">15<sup>th</sup> February 2016</a>
~ <a href="#">Quarterly Survey of Domestic Elect. Prices</a>					See "Transmission" page.
~ Electricity Demand & Generation Scenarios					Subs closed 9 <sup>th</sup> February 2016.
MBIE <a href="#">targeted Commerce Act review</a>					Last action, Summary findings from interviews with stakeholders, April 2016.
MBIE Assessment of merit review regime.					Covered in EA's RWG work streams.
MBIE Review of Electricity (Low Fixed Charge Tariff Option for Domestic Consumers) Regulations 2004.					
MBIE & ENA <a href="#">NZ Smart Grid Forum</a>	new	soon			Auckland.
~ Update report				10	December 2016: Final IEA report.
~ Meeting in Auckland					
MBIE engagement with IEA for In Depth Review of NZ – final report					

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<b><u>Policy and governance: Crown entities</u></b>					
EA governance and market monitoring:					
~ EA Board meetings		09	-	03	
~ Publish 2016-17 Statement of Performance Expectations	new	June			
~ Publish 2016-17 work programme	new	end Jun			
~ EA consider review of participant audit regime					Submissions closed 22 <sup>nd</sup> December 2015.
~ Market operation Service Provider (MOSP) agreements			01		
<ul style="list-style-type: none"> <li>New SOSPA comes into effect after gazetted <a href="#">code A</a> to align market service provider roles with EA statutory objective and specific changes to System Operator role that closed 10<sup>th</sup> February.</li> <li>Decision on Registry MOSP tender.</li> </ul>		June			New contract to take effect 1 <sup>st</sup> May 2017. GIC also tendering. EA and GIC will consider joint RFPs. September to October.
~ Consultation on review of advisory groups' charter and terms of reference					
~ <a href="#">Security &amp; Reliability Council (SRC)</a> meetings		21			
~ SRC appointee to replace Judi Jones (household rep)		?			
~ <a href="#">Wholesale Advisory Group (WAG)</a> meetings					
~ WAG appointees for 4 vacancies to be advised		June			For 2 year terms starting 1 <sup>st</sup> August.
~ <a href="#">Retail Advisory Group (RAG)</a> meetings		08			
~ RAG appointees for 4 vacancies to be advised		June			For 2 year terms starting 1 <sup>st</sup> August.
~ Regulatory Managers & Consumer Reps meetings	revised	24			
EECA:					
~ EECA levy					Refer MBIE consultation on Options for expanding the purpose of existing energy levies.
~ Decisions on Technology Demonstration Programme funding.					Applications closed 8 <sup>th</sup> April.
~ Decisions on Crown Loans funding.					Applications closed 29 <sup>th</sup> April.
~ National Energy Efficiency & Conservation Strategy (NEECS) update					Refer MBIE for over-arching National Energy Strategy update.
<b><u>MEUG governance</u></b> - Monthly meetings		22	27	24	

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<b><u>Seminars and other</u></b>					
Concept Consulting second report on EV, PV and batteries.	new	soon			Second report will cover economics. First report covered impact on climate change. Third report, due mid-June, will cover social impacts.
<a href="#">Energy Users' Association of Australia, Queensland Energy Forum Conferenz, 2016 NZ Intelligent Infrastructure summit</a>		01 13 & 14			Brisbane Auckland
INFINZ breakfast seminar, Contact Energy: Capital Structure Review and Refinancing	new		23		Wellington. Presenters – Louise Tong, CEN Head of Treasury & Tax, and Kirsten Clayton, CEN Senior Legal Counsel
The <a href="#">Deloitte Energy Excellence Awards</a> :					
~ Finalists announced		21			
~ Awards night				10	Auckland
<b><u>Training</u></b>					
<a href="#">Energy Link training courses</a>			Wellington		Auckland
~ Introduction to the electricity market			19		18-Oct
~ Nodal pricing of electricity			20		19-Oct
~ Hedging electricity			21		20-Oct
<a href="#">Energy Management Assoc. of NZ training courses</a>					
~ <a href="#">Energy manager professional training &amp; accreditation</a>		21			Wellington
~ <a href="#">Continuous commissioning specialist course &amp; exam</a>					7 <sup>th</sup> to 9 <sup>th</sup> September, Wellington
~ <a href="#">Advanced measurement and verification workshop</a>					1 <sup>st</sup> and 30 <sup>th</sup> November, tbc
<a href="#">Government Economics Network</a> training:					
~ Intro Microeconomics for Policy Analysis				15, 18, 22, 25	Dr Veronica Jacobsen, Treasury.
~ Productivity Growth for Maximum Wellbeing					13, 14, 20, 21 September. Dr Patrick Nolan
~ Intro to Economic Evaluation					27-28 October. Dr George Rivers
NZX Understanding Electricity Markets training courses		2-3		23-24	27-28 Oct. All Wellington except Auckland in August.

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<p><b><u>Common quality: Policy and overview</u></b></p> <p>EA considering subs (closed 15<sup>th</sup> February) on <a href="#">Proposed changes to policy statement (for common quality)</a>.</p> <p><b><u>Common quality: FK</u></b></p> <p>Information paper on longer term arrangements to incentivise more governor response.</p> <p><b><u>Common quality: IR</u></b></p> <p><a href="#">Proposal to allocate IR costs nationally</a></p> <p>Review of IR event charge and cost allocation – WAG issues and options paper published</p> <p>EA publishes SO report on possible new <a href="#">Sustained IR (SIR)</a> products</p> <p>SO work on proof of concept for new <a href="#">Fast IR (FIR)</a> products starts.</p>	tba		July		<p>Bi-annual review process. Good improvements. No significant disagreements. EA expect to gazette new policy statement at earliest May 2016.</p> <p>Next steps to be announced.</p> <p>Last consultation closed 26<sup>th</sup> April. 9 submissions made: 5 agreed with proposal, 2 suggested option C instead and MEUG agreed subject “subject to any evidence from generators that the proposal might have systematic biased detriments that would be material over the long term compared to either option B or C”. MEL submission contained commercially confidential information on this point that was withheld.</p> <p>EA to either make a decision or announce next steps.</p> <p>End of September.</p> <p>SO recommends no new SIR products. Next steps to be announced</p>
<p><b><u>Common quality: AOPO</u></b></p> <p><a href="#">Generator fault ride through</a> – EA Board to consider code Δ</p>		June			If OK then Code Δ then gazetted.
<p><b><u>Common quality: Extended Reserves</u></b></p> <p>New extended reserves (a.k.a. AUFLS) regime</p> <p>Consultation on technical requirements schedule</p> <p>Consultation on selection methodology</p> <p>Formal consultation on procurement proposal</p>		June	July		<p>Annual cost/payments expected to be ~\$5m pa. Go live in 2017.</p> <p>Dates may be revised</p> <p>August to September 2016.</p> <p>2017Q1</p>
<p><b><u>Common quality: Voltage</u></b></p>					No current generic work.

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<p><b><u>Security of supply Policy and near-term operational topics</u></b></p> <p>Planned Outage Contingency Process (<a href="#">POCP</a>) generation balance f/cast issues – 30 MW max shortfall N-1-G contingency with coincident generator outage risks in early June.</p> <p>Emergency Management Policy and System Operator Rolling Outage Plan changes.</p>		06-10			<p>MEUG monitoring this risk due to coinciding planned outages for HVDC filter outage and various planned generator outages. Latest risk window from NWG 2016 report published 2<sup>nd</sup> May 2015. Prior risk window was 7<sup>th</sup> to 13<sup>th</sup> June per <a href="#">CAN issued 05-Apr-16</a>.</p> <p>Submissions closed 12<sup>th</sup> February with System Operator (<a href="#">refer</a>). EA considering.</p>
<p><b><u>Security of supply in the face of changing market conditions</u></b></p> <p>Grid owner investigations into <a href="#">Upper NI generator decommissioning</a></p> <p>~ Upper NI dynamic voltage stability limits</p> <p>~ Possible dynamic voltage stability limits in Waikato</p> <p>~ Possible risk, but less than above items, with static voltage limits</p> <p>~ Continue current investigations on options to remove existing 100 kV Bunnythorpe-Mataroa thermal constraint</p> <p>~ Reverse plan to close Arapuni bus split in 2017</p> <p>Relevant EA work:</p> <p>~ Customer Compensation Scheme (CCS) consultation</p> <p>~ Stress test consultation</p>					<p>Published 15<sup>th</sup> March 2016.</p> <p>The announcement on 28<sup>th</sup> April of a 4 year swaption between GNE and MEL has relieved some urgency from this work – nevertheless we expect Transpower will continue the following work.</p> <p>TPNZ to advise timeline. Will use CC Major Capex proposal process (ie for &gt; \$20m capex proposals). Risk from winter 2020 using N-1, and winter 2019 using N-G-1 where G = 400 MW Huntly CCGT.</p> <p>To be included in above investigation.</p> <p>To be included in above investigations.</p> <p>Other lower NI thermal constraints may arise once market clarifies later this year decisions on Rankine units. Then those constraints will be investigated.</p> <p>TPNZ to initiate industry consultation on proposal in 2016.</p> <p>From late August.</p> <p>From late August.</p>
<p><b><u>Security of supply BAU</u></b></p> <p><a href="#">System Operator, Security of Supply: Weekly Update</a></p> <p><a href="#">Hydro Risk Curves</a> Last update 29<sup>th</sup> May 2016</p> <p><a href="#">Simulated Storage Trajectories</a> Last update 19<sup>th</sup> November 2015</p> <p><a href="#">Security of Supply Annual Assessment (ASA)</a></p> <p>Annual National Winter Group (NWG) report</p> <p>Bi-annual update of Participant Rolling Outage Plans</p>	Updated				<p>Published weekly.</p> <p>Updated for material f/cast changes.</p> <p>Updated for material f/cast changes.</p> <p>Annual consultation commences end 2016.</p> <p>Annual consultation commences end 2016 or early 2017.</p> <p>2016-17</p>

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<b>Wholesale Market</b>					
ASX NZ futures and options market:	new				Free ASX market wrap published monthly. ASX aim to list second half 2016. Key design decision is an energy product or capacity product. Auckland.
~ ASX list cap product – inaugural meeting of ASX Cap Product working group week starting (w/s) 13 <sup>th</sup> June		w/s 13			
~ ASX futures & options (F&O) users' group meetings				16	
~ ASX considering opportunities to combine education/sales					
<a href="#">FTR</a> monthly primary and <i>variation</i> auctions		15, <u>22</u>	13, <u>20</u>	10, <u>17</u>	<a href="#">FTR calendar</a>
EA hedge market development:					Implementation through to June. See ASX proposal above for cap product on development road map 2016 H2.
~ Implement establishment and market making for cap products per decision paper of 9 <sup>th</sup> December					Recent indications are will prove difficult to implement in Australia. Once published EA to consider applicability for NZ.
~ ASX/AEMO design study report on possible offsetting ASX & spot market prudential requirements – report published soon.					Pending with immediate focus on facilitating the trading of standardised cap products and voluntary market making of those products.
~ Implement recommendations from <a href="#">WAG Hedge Market Development paper 4<sup>th</sup> August 2015</a> not listed elsewhere					This work on information supports hedge market development. September. EA to announce programme timeline.
EA wholesale market information:				July to	→
~ Review of clause 13.2 exclusions, WAG publish paper					
~ Improving public access to fuel quantity information					
<a href="#">Spot market refinements</a> :					
~ <a href="#">Real time pricing (RTP) paper</a> [subs closed 24 <sup>th</sup> May]				Four RTP options being considered: (1) Ex-ante 30-min price, eg PRS (2) Dispatch-based prices, eg RTD ⇐ EA preference so far ✓ (3) Ex-post 5-min prices, eg RTP (4) Ex-post 30-min price, eg final prices System Operator to commence work on a report. Consultation in August.	
~ Investigation into an hours-ahead market					
Other EA wholesale market work:					
~ <a href="#">DD during tight market conditions</a> : EA decision	June				
~ Offer and dispatch – wind generation offers, WAG to submit proposal to EA Board	end June				
~ <a href="#">Proposed Scarcity Pricing (operational) Code Δ</a> subs close			07		
~ Earlier gate closure, revised bid & offer provisions: System Operator begins design work.			July		
~ Applications for shorter post-default exit period (Part 14)					
					Subs closed 1 <sup>st</sup> March. MEUG support Code Δ other than submitted \$15k/MWh bid cap should be higher.
					Non-controversial clarifications.
					Output of design work will inform implementation cost and timetable. Code Δ will be gazetted once timeline firmed up. Code Δ expected to come into effect 2017.
					Timeline for decision by EA not known.

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<b><u>Markets general</u></b> MRP to rebrand as Mercury					Announced 2 <sup>nd</sup> May. Implementation later in 2016.
<b><u>Retail Market</u></b> <b><u>Retail Data project</u></b> ~ Phase 1, access to consumption data, phase 2, access to tariff data went live 1 <sup>st</sup> February 2016. EA considering ways to communicate these policy outcomes ~ Implementation of standardised file format for supplying tariff data: <ul style="list-style-type: none"> <li>• Industry working group meetings</li> <li>• Consultation</li> <li>• EA Board decision</li> </ul> ~ Phase 3: Access to monitoring data EA to publish RAG report on effects of low fixed charges regulations RAG work on domestic contracting arrangements waiting for advice from Retailer Working Group. <b><u>Secondary networks</u></b> – Being considered by RAG CC reviews of standard form contracts in terms of the Fair Trading Act 2015 – review of electricity retail sector					Possible communicate as part of winter What's My Number campaign  June to July August Work to commence year starting 1 <sup>st</sup> July to assess if should proceed Timing and EA response depends on EA's next steps on EDB pricing. Covers medically dependent consumers (MDC).  Later in 2016. CC first reviewed Telco sector. Other standard form contracts to be reviewed this year are for credit and gym sectors.

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<b><u>Transmission</u></b> Electricity Demand & Generation Scenarios – MBIE to publish TPM: ~ EA workshops in: <ul style="list-style-type: none"> <li>♦ Auckland</li> <li>♦ Wellington</li> <li>♦ Invercargill.</li> <li>♦ Christchurch</li> </ul> ~ Subs due Transpower Works Agreement  Winter line ratings end	delayed  confirmed  confirmed	14 15 16 17	?	26	Subs closed 28 <sup>th</sup> February. Timing of next steps not known. The draft Transpower Works Agreement is intended to combine the existing Customer Investment Contract, Detailed Solution Development and Minor Works Agreements. End 20 <sup>th</sup> October. Started 10 <sup>th</sup> May.



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<p><b><u>Monopoly policy and general</u></b></p> <p>Office of the Auditor General (OAG) –publicly owned EDB work:  ~ “Energy lines companies: Managing critical infrastructure”  ~ Results of the 2014/15 audits  EDB annual Information Disclosures – CC selected analysis  <a href="#">Orion transition CPP to DPP 2019/20</a> draft decision → subs → x-sub</p>		soon	Mid-16  01	12, 29	Timing of reports not known but probably early to mid-2016 Part of OAG 2015/16 theme reports on “investment and asset management”  Final decision in October
<p><b><u>Gas pipeline services (GPS) DPP 2017-2022 reset</u></b></p> <p>Joint CC and GIC workshops:  CC publish paper on effect of IM changes on DPP reset  Subs close on <a href="#">GIC Gas Transmission Security and Reliability Issues Paper - April 2016</a>  GPS DPP reset completed</p>	tba	10			31 <sup>st</sup> May 2017
<p><b><u>IM review</u></b></p> <p>Consumer engagement (Part 4 in general topic)  Draft decision and reasons paper published  Draft proposed changes to airports ID published  Draft text of determinations published  Submissions due  X-sub due  Final decisions on review of all IM except Transpower Capex IM  Transpower Capex IM review</p>		16 16 22	28	11	<a href="#">IM reviews for electricity, gas and airfield monopolies</a> CC have not advised timeline for consideration or how relates to IM review.  Not IM related but of interest to MEUG.  December After 2016
<p><b><u>Distribution contracts T&amp;C's</u></b></p> <p><a href="#">Proposed Default Distribution Agreement (DDA)</a>  Pricing:  ~ Distributed Generation Pricing Principles – EA consult as part of TPM package (refer prior Transmission page) – subs due  ~ ENA to announce next steps on their pricing paper  ~ EA conference on <a href="#">Distribution pricing review</a></p> <p>~ Power factor charges  Improving communication of outages</p>			26	August	Submissions closed 19 <sup>th</sup> April.  This consultation includes ACOT payments.  Subs to ENA closed 12 <sup>th</sup> June 2015.  Last consultation ended 2 <sup>nd</sup> February 2016. 54 parties submitted. EA advised 10 <sup>th</sup> May a conference to be held August. EA also noted: “The Authority’s strong preference is to facilitate an industry-led approach to developing and adopting efficient distribution pricing structures”. MEUG is also hopeful this can be achieved – though we are sceptical given experience to date.  Arrange discussion with Clive Bull, Strata Energy. Raised in MEUG and some retailer subs on DDA 19 <sup>th</sup> April.

Frequently used abbreviations, part 1 of 2:					
Δ	change, or if referring to the Code, amendment	CSF	Critical Success Factor	FK	Frequency keeping
ACOT	Avoided Costs of Transmission (payments)	CUWLP	Clutha-Upper Waitaki Lines Project	FKC	Frequency keeping controller
AEMO	Australian Energy Market Operator	CVP	Constraint Violation Penalty	F&O	Futures and options
a.k.a.	Also known as	DCLS	Dispatch-capable load station (for DD "market")	FO	Franks Ogilvie
AMI	Advanced metering infrastructure	DD	Dispatchable Demand	FTR	Financial Transmission Rights
AMWEEs	Alternative methodologies (IM) with equivalent effect	DDA	Default Distribution Agreement	FPVV	Fixed price variable volume
ANZSIC	Australia, NZ Standard Industrial Classification	DG	Distributed generation	GEIP	Good Electricity Industry Practice
AoG	All of Government	DGPP	Distributed generation pricing principles	GETS	Government Electronic Tender Service
AOPO	Asset Owner Performance Obligations	DPP	Default Price-Quality Path regulation	GNE	Genesis Energy
APEV	Assoc. for the Promotion of EV	DSDs	Detailed Solution Design Agreements (TPNZ)	GPS	Gas Pipeline Services
APR	Annual Planning Report (Transpower's)	DUML	Distributed unmetered load	GTB	Gas Transmission Businesses
ATH	Approved test house	DR	Demand Response	GXP	Grid Exit Point
ASX	ASX Limited	EA	Electricity Authority	HHI	Herfindahl-Hirschman Index
AUFLS	Automatic Under-frequency Load Shedding	EC	Electricity Commission (predecessor to EA)	HHR	Half-hourly reconciliation (re data or meters) cf. NHH
AWATEA	Aotearoa Wave & Tide Energy Assoc.	ECE	Extended Contingent Event	HSW	High Spring Washer
BEC	BusinessNZ Energy Council	EEA	Electricity Engineers' Association	ICP	Individual Connection Point
BGA	Business Growth Agenda (of government)	EECA	Energy Efficiency & Conservation Authority	ID	Information Disclosure
BIM	Briefing for Incoming Ministers	EDB	Electricity Distribution Business	IDD	Information Disclosure Determination
BSDR	Black's Simple Discount Rule	EDF	Energy Data File (published by MBIE)	IEGA	Independent Electricity Generators Association
CAN	Customer Advice Notice	EDGS	Electricity Demand and Generation Scenarios	IHD	In-home display ie smart meter display
CAPM	Capital Asset Pricing Model	EGCC	Electricity & Gas Complaints Commission	IM	Input Methodology
CBA	Cost Benefit Analysis	EIEPs	Electricity Information Exchange Protocols	IPP	Individual Price-Quality Path regulation
CC	Commerce Commission	EIH	Expected Interruption Hours (for AUFLS)	IR	Instantaneous Reserves
CCS	Customer Compensation Scheme	EMANZ	Energy Management Assoc. of NZ	IRIS	Incremental Rolling Incentive Scheme
CE	Contingent Event	ENA	Electricity Networks Association	IWA	Ireland, Wallace & Assoc.
CEN	Contact Energy	EPOC	Electric Power Optimisation Centre	LDA's	Line Deviation Agreements (TPNZ)
CfD	Contracts for differences	ER	Extended Reserves	LEANZ	Law & Economics Assoc. of NZ
CIC	Customer Investment Contracts (TPNZ)	ERANZ	Electricity Retailers Assoc. of NZ	LEVs	Low emission vehicles
CMP	Capacity Measurement Period	ERM	Extended Reserves Manager	LFC	Low fixed charges regulations
COB	Close of business	ETS	Emissions Trading Scheme	MBIE	Ministry of Business Innovation & Employment
Code	Electricity Industry Participation Code 2010	EV	Electric Vehicles	MDC	Medically dependent consumer
CPP	Customised Price-Quality Path	FIR	Fast Instantaneous Reserve	MEL	Meridian Energy Ltd
C&S	Clearing & Settlement (usually refers to Part 14)	FMCA	Financial Markets Conduct Act 2013		

Frequently used abbreviations, part 1 of 2:					
MEP	Meter equipment provider	PROPS	Participant Rolling Outage Plans	TASC	Technical Advisory Services Contract
MEPS	Minimum Energy Performance Standards	PRS L/S	Price response schedule (L=long, S=short)	tba	to be advised
MFK	Multiple FK	PUP	Process Update Paper	tbc	To be confirmed
MGUG	Major Gas Users' Group	QSDEP	Quarterly survey of domestic energy prices (MBIE)	T&Cs	Terms and conditions of a contract
MM	Market making	RAG	Retail Advisory Group, convened by EA	TOU	time-of-use (metering)
MoT	Ministry of Transport	RFM	Reserves & Frequency Management programme	TPM	Transmission Pricing Methodology
MRP	Mighty River Power	RMT	Reserve Management Tool	TPNZ	Transpower
MUoSA	Model Use of System Agreement	RTD	Real time dispatch	TPW	Trustpower
n.a.	not applicable	RTP	Real time pricing	TRS	Technical Requirements Schedule (for ER)
NHH	Non-half-hourly read, cf. HHR	SBL-CAPM	Simplified Brennan-Lally CAPM	TWA	Transmission Works Agreement
NI	North Island	SCADA	System Control and Data Acquisition	UFM	Under-frequency management
NIC	New Investment Contracts (with Transpower)	SI	South Island	UTS	Undesirable Trading Situation
NIRM	National IR Market	SIR	Sustained Instantaneous Reserve	UoSA	Use of System Agreement
NIU	National Infrastructure Unit (part of Treasury)	SO	System Operator	VCT	Vector
NOI	Notice of Intention (formal notice by CC)	SoO	Statement of Opportunities (published by EC)	VoLL	Value of Lost Load
NPV	Net Present Value	SOROP	System Operator Rolling Outage Plan	vSPD	vectorised SPD model
NRS L/S	Non responsive schedule (L=long, S=short)	SoS	Security of supply	VUW	Victoria University of Wellington
NZAS	NZ Aluminium Smelters	SOSPA	System Operator Service Provider Agreement	WACC	Weighted average cost of capital
NZCID	NZ Council for Infrastructure Development	SDP	Scheduling, Pricing & Dispatch (obj., model)	WAG	Wholesale Advisory Group, convened by EA
NZIER	NZ Institute for Economic Research	SM	Selection Methodology (for extended reserves)	WAPC	Weighted Average Price Cap
NZGA	NZ Geothermal Association	SME	Small or medium enterprise	WEC	World Energy Council
NZPC	NZ Productivity Commission	SRC	Security and Reliability Council	WDS	Week-ahead dispatch schedule
OAG	Office of the Auditor General	SSDG	Small scale DG (<10kW)	WIAL	Wellington International Airport Ltd
OIA	Official Information Act.	subs	submissions	wip	work in progress
POCP	Planned Outage Co-ordination Process	SWOT	strengths, weaknesses, opportunities & threats	WITS	Wholesale Information Trading System
				w/s	week starting
				x-sub	cross-submission