Electricity Authority: Code Amendment Register

Update published in December 2012

The Code Amendment Register lists Code amendment proposals and provides information on proposal status.

Note there are 2 numbering systems for the proposals. The Rule Change Proposal (RCP) numbers reflect proposals that have been carried over from the Electricity Commission's Rule Change Proposal Register. The Code Amendment Register (CAR) numbers are given to proposals entered on the register since 1 November 2010.

Status	Proposal number	Code amendment proposal name	Proposer	Date Proposal received	Part of Code	Webpage reference to project information	Comments and history
Recently completed Code amendment proposals. Please refer to the Code amendment spreadsheet for a complete list of amendments completed by the Authority: http://www.ea.govt.nz/act-code-regs/code-regs/code-changes/							
Complete	CAR022	Integration of load aggregators (impact on IL and AUFLS)	EC	N/A	8		As more load aggregators enter the market there needs to be consideration given to information and communication obligations.
Complete	CAR024	North Island/South Island (NI/SI) AUFLS Obligations	EC	N/A	8		The AUFLS obligations sit with the distributors in the NI and Transpower in the SI. There is a view that the SI obligation should shift to the distributors.
Complete	CAR038	Policy Statement, Procurement Plan placement in the Code	EC	N/A	8		Code amendment proposal to Board on 5 December 2012
Complete	CAR052	HVDC commissioning tests	Transpower (Ross Weenink)	6-Jul-65	13		Code amendment made 1 November 2012
Complete	CAR058	Clarification of FTR settlement default provisions	NZX (Erich Livengood)	11-Feb-83	14	http://www.ea.govt.nz/our-work/programmes/priority-projects/locational-hedges/ftr-development/	Code amendment made 1 Nov 2012
Complete	CAR062	FTR settlement scaling	Transpower/NZX (Richard Rowell & Erich Livengood)	24-Aug-83	14	http://www.ea.govt.nz/our-work/programmes/priority-projects/locational-hedges/ftr-development/	Code amendment made 1 Nov 2012
Complete	CAR070	AUFLS Pole 3 Ready - Load Control	Transpower (Kevin Small)	1-Mar-27	8		Code amendment made 3 January 2013
Complete	CAR061	The thresholds and the unclear wording in clause 13.18 for bid and offer revisions do not always provide for sensible outcomes.	EA	30-Jul-83	13		Will be part of review of Offer and Dispatch Rules Review project
Complete	CAR067	Loss tranches for estimating AC branch losses	MEUG (Ralph Matthes)	17-Aug-05	N/A		

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Code amendment proposals in the current EA work programme. Note that this list is not intended to be comprehensive, and that other projects in the current work programme may lead to Code amendments.							
Current	CAR002	Energy Hedge Market	EA		13	http://www.ea.govt.nz/our-work/programmes/market/hedge-market-development/	Specific new matter 42(2)(g). Not'Spot Price Disclosure' but a range of little things that are being carried out - 24/7/12
Current	RCP00008	Settlement and Prudential Security Review (of Part 14)	NZEM / EC	17-Feb-04	14	http://www.ea.govt.nz/our-work/programmes/market/settlement-prudential-review/	Wider project incorporates original proposal in RCP00008. Wholesale Advisory Group is conducting the review - 24/7/12
Current	RCP00236	Review of Asset Owner Performance Obligations (AOPO) normal frequency obligations	EC	31-Mar-10	8	http://www.ea.govt.nz/our-work/consultations/pso-cq/normal-freq-obligations/	This project has been delayed in order to give priority to the hVDC Pole 3 proposed Code amendments. A consultation paper is being drafted. It is expoected that this will be provided to the Board in Nov 12.
Current	RCP00235	Review plant commissioning rules	EC and system operator	17/03/2010; 1 April 2009	8		Rule 6.4 of section III of part C (now Part 8) required participants to pay any identifiable and quantifiable cost during any period of non-compliance when commissioning or testing. Such costs include the purchase of any additioN/Al ancillary services as a result. However, there appears to be no mechanism in the rules for the Clearing MaN/Ager to be notified of the amounts or to invoice the Participant. There also appears to be no ability to exclude this amount from the allocable costs, which are paid by Participants.
Current	RCP00213	Notification and invoicing of non-compliance costs by Clearing Manager - Confirming that RCP0213 is being done as part of RCP0235.	System operator	1-Apr-09	8		Rule 6.4 of section III of part C requires participants to pay any identifiable and quantifiable cost during any period of non-compliance when commissioning or testing. Such costs include the purchase of any additioN/Al ancillary services as a result. However there appears to be no mechanism in the rules for the Clearing MaN/Ager to be notified of the amounts or to invoice the Participant. There also appears to be no ability to exclude this amount from the allocable costs, which are paid by Participants.
Current	RCP00028	Load Shedding Systems (Automatic Under Frequency Load Shedding - AUFLS)	EC	1-Mar-04	8	http://www.ea.govt.nz/our-work/consultations/pso-cq/aufls-issues-options/	Exemptions expire in December 2012. Work is needed to determine what to do about them prior to expiry.
Current	RCP00129	Intermittent Generation rule changes: fault ride-though	EC	12-May-08	8	http://www.ea.govt.nz/our-work/programmes/pso-cq/fault-ride-through/	Generator fault ride through requirements not specified in the rules.
Current	CAR005	Resolving Undesirable Trading Situations (UTS) and UTS enhancement (combined)	EC/EA	10-Jun-11 (during transition to EA)	5, 13		The issue is with the existing regulations and rules that relate to any UTS, which has carried across into the Code. Clause 5.2(2)(d) (previously regulation 56(2)(d)) does not allow the Authority to direct a participant. Expand scope of UTS provisions to cover all markets administered or created by the Authority. Also expand definition of UTS and range of remedies. UPDATE: On hold pending court of appeal process (likely to be considered Q3 2012/13) - 25 Oct 2012
Current	CAR010	Amendment to clause 15.15 -	Transpower	during transition to EA	15		Transpower's concern relates to the obligation on the system operator to notify the reconciliation maN/Ager of all trading periods during which a point of connection to the grid was supplied from an alterN/Ative point of connection. The system operator does not have this information and so cannot readily comply with this requirement. Also there is a question as whether the definition of "outage" needs to be amended.

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Current	CAR011	Definition of "frequency time error"	EC/EA	during transition to EA	1		Review definition to remove the potential confusing interpretation that a frequency time error can affect New Zealand standard time. Part of RCP 00236.
Current	CAR041	Reduced Gate Closure	Genesis Energy (Lawrence Cogan)	15-Feb-10	C & G of the Rules		Orignially sent 15 Feb 2010. Resent July 2011. This will be addressed as part of the gate closure project.
Current	CAR055	Locational price risk	EMS (Richard Rowell)	7-May-12	14	http://www.ea.govt.nz/our-work/programmes/priority-projects/locational-hedges/ftr-development/	Code amendment made 1 Nov 2012
Current	CAR056	Clarification of FTR settlement provisions	NZX (Erich Livengood)	1-Jun-12	14	http://www.ea.govt.nz/our-work/programmes/priority-projects/locational-hedges/ftr-development/	Code amendment made 1 Nov 2012
Current	CAR057	Remove provision for issuance of FTR invoices after a delay in prices	NZX (Erich Livengood)	1-Jun-12	14	http://www.ea.govt.nz/our-work/programmes/priority-projects/locational-hedges/ftr-development/	Code amendment made 1 Nov 2012
Current		Error in 13.179	EA		13		The allowable time to resolve a pricing error claim is too short – in effect it is one day after a claim is lodged, which was not the origiN/Al intention. Change to 2nd business day after the pricing error was claimed. See Filesite 578318-1 for proposed change. Due to go live in September 2012
Current		Error in clause 13.34(1) - Current / Pending as at 24/7/12	EC EGR Committee	19-Nov-08	13		The rule refers to 13.33, meaning that Grid Owner changes made under 13.33 only are subject to further revision within the 2-hr period. The intent of the rule is to allow for Grid Owner changes both before and after gate closure. See Filesite 578318-1 for proposed change. Update on 29/11/12 - Will be part of review of Offer and Dispatch Rules Review project
Current		Review the rules relating to grid owner offers (clause 13.33 - Current as at 24/7/12	EC EGR Committee	30-Aug-10	13		EGR Committee meeting of 30 Aug 2010 recommended that rules relating to grid owner offers be reviewed – follows investigation into denied breach of 5.5.2 of section II of Part G by Grid owner. 5.5.2 (13.33(b)) mentions changes in capacity and 5.5.4 (13.33(d)) availability – see Investigator's report , filesite ref 638898-1. See Filesite 578318-1 for proposed change. Update on 29/11/12 - Will be part of review of Offer and Dispatch Rules Review project.
Current	CAR054	Infeasibility resolution process	Transpower (Nicki Lau Young)	1-May-12	13		
Current	CAR074	Changes to the interpretation of intermittent generating station.	Carter Holt Harvey (Lyndon Haugh)	30-Nov-12	1		
Current	CAR034	Wind - AOPO (Under-Frequency)	EC	2008	8		The under-frequency AOPOs need to be reviewed to determine if appropriate to cover wind generator capability. Project arising from the Wind Generation Investigation Project (WGIP) recommendations.

Status	Proposal number	Code amendment proposal name	Proposer	Date Proposal received	Part of Code	Webpage reference to project information	Comments and history
Future/pending Code amendment proposals							
Future	RCP00220	Settlement of islanded embedded generation	Contact Energy	3-Mar-09 Reproposed 11-Dec-09	14	http://www.ea.govt.nz/our-work/consultations/wholesale/islanded-generation/	Embedded generation volumes have not been treated equitably in relation to clearing and settlement.
Future	RCP00109	Extended Contingent Event methodology -	Contact Energy	1-Jun-05	8	http://www.ea.govt.nz/our-work/consultations/pso-cq/aufls-issues-options/	Meeting held with Contact May 2012. Contact will fill out a new Code amendment request. Contact made a submission on the issue as part of RCP00235 consultation in 2012.
Future	RCP00237	Intermittent Generation rule changes: Frequency Keeping cost allocation	EC	31-Mar-10	8	http://www.ea.govt.nz/our-work/programmes/pso-cq/	On hold until the MFK work complete.
Future	RCP00101	Distributor load testing	System operator	1-Jun-06	8		SO withdrew request but a good idea anyway so left on list for future consideration
Future	RCP00102	Power system restoration	System operator	1-Jun-06	8		
Future	RCP00217	Flexibility around event dates for standard half hour switching.	Trustpower	7-Sep-09	11		Update 19/12/12 - Will be considered as part of switch reengineering project. Needs to be addressed in conjunction with other issues related to AMI switches, and will require substantial consultation with industry. TrustPower has proposed an amendment to: clarify 'enters into a agreement' in clause 13 of schedule 11.3 (wording is now 'has an arrangement with a customer') and clauses 14 and 16 of schedule 11.3 with regard to half hour switching (rule proposal 217).
Future	RCP00227	Review of generator reserve offers algorithm	Genesis Energy	15-Feb-10	13		On the books but no action at present.
Future	RCP00229	Collection of information used to allocate instantaneous reserve availability costs	Transpower	11-Aug-10	15		
Future	RCP00231	Extend the period for which measuring transformers will be certified	Counties Power	9-Dec-09	10		Proposed as part of a submission on Part D. This is not part of the Part 10 review, because it needs wide investigation and consultation.
Future	CAR006	Calculating event dates	EC/EA	during transition to EA	11		Proposal is that clause 4(2) of Schedule 11.3 should have been omitted when the EC changed the switching period to a maximum of 10 business days during the consultation on amendments to part E of the rules. 4(2) is: "(2) When calculating an event date under this clause, the losing trader must disregard every event date established by the losing trader for a customer who, at the time that the event date is established, has been a customer of the losing trader for less than 2 calendar months."
Future	CAR009	Definition of "electrical installation"	EC/EA	during transition to EA	1, 6		Update 19/12/12 - addressed in Part 6 consultation. Reconcile different definitions of "electrical installation" between Part 6 and rest of Code.

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Future	CAR012	References to generators holding dispensations	EC/EA	during transition to EA	8		Rule 11.6 of section IV of part C of the rules states: Each generator holding a dispensation issued in accordance with rule 1 of section II of part I and each distributor will pay the allocable cost of voltage support in each zone to the system operator in accordance with the process described in rule 11.7. Rule 11.6 is incorporated in the Code as clause 8.67 of Part 8 of the Code. In drafting clause 8.67, Buddle Findlay advised the EC that it was necessary to remove references to "each generator holding a dispensation issued in accordance with rule 1 of section II of part I", as part I of the rules provides that all such dispensations expired on 1 March 2006. EC staff considered that generators who hold dispensations from the reactive power capability AOPO should also be required to comply with clause 8.67.
Future	CAR013	Inconsistency in grounds for appealing a decision by an asset owner	EC/EA	during transition to EA	8		There is an inconsistency in Part 8 of the Code within clause 8.36. The inconsistency could be removed by amending this clause by either removing reference to decisions by an asset owner from clause 8.36(1), or by amending clauses 8.36(2) to 8.36(5) to include information about the process for appealing decisions of an asset owner.
Future	CAR014	High Voltage Direct Current (HVDC) Frequency Sharing Capability and HVDC Instantaneous Reserve Transfer Capability (national Market)	EC	N/A	8		Update 19/12/12 - now part of national IR and FK projects. There is significant NPV benefit if the HVDC can be utilised for frequency sharing and the creation of a N/AtioN/Al frequency keeping and instantaneous reserves market. Projects arising from the Common Quality Development Plan. On hold due to restricted access to HVDC.
Future	CAR015	Interruptible Load/Frequency Keeping (IL/FK) product	EC	N/A	8		There is potential for interruptible load to be utilised as a frequency keeping product. Project suggested from the EC Load MaN/Agement project. Also see CAR073
Future	CAR016	Instantaneous Reserves (IR) - 1st Principle review	EC	2006	8		The current cost allocation methodology for instantaneous reserves has been in place for 6 years. Various participants, especially the Grid Owner, have challenged the relevance of the IR cost allocation methodology to the HVDC. Also the origiN/Al methodology was supposed to be an interim solution but it was not extended as planned.
Future	CAR017	IR - Event charge rate review	EC	2006	8		The event charge was reviewed 5 years ago and it is time for it to be reviewed again.
Future	CAR018	IR - Event charge demininus review	EC	2006	8		The 60 MW deminimus may no longer be valid and requires review.
Future	CAR023	Impact of Smart Metering on AUFLS and Reserves	EC	2006	8		Smart metering creates an opportunity for further reserve products and finer control of reserve products.
Future	CAR025	IL Compliance regime	EC	2006	8		IL compliance is based on post event aN/Alysis. Regular testing of equipment is an alterN/Ative, which together with event aN/Alysis, may lead to more IL being offerred.
Future	CAR026	IL metering standards	EC	2006	8		Update 19/12/12 - Now part of UFM project. IL is currently monitored in 6 second tranches. There is a need to consider moving to sub 1 second tranches so that compliance can be determined.
Future	CAR027	15 minute Sustained Instantaneous Reserve (SIR) requirement	EC	2006	8		Some participants want the minimum stand down period for SIR to be removed.

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Future	CAR028	New IL product	EC	2006	8		Update 19/12/12 - Now part of UFM project. Instead of just Fast Instantaneous Reserve (FIR) and SIR there is the possibility of additioN/Al IL products that have different performance parameters.
Future	CAR029	Reactive Power - Market	EC	2006	8		Project identified in the Common Quality Development Plan
Future	CAR030	Reactive Power - Clarify Zones	EC	2006	8		Currently costs allocated in two broad zones. Possibility of refining zones may give a more efficient allocation of costs. Project identified in the Common Quality Development Plan.
Future	CAR031	IL to provide voltage support	EC	2006	8		Load changes can be used to alleviate local voltage issues. Project suggested from the Load MaN/Agement Project.
Future	CAR032	Investigate Grid Voltage flexibility to reduce losses	EC	2006	8		Determine if the grid voltage profile can be optimised to reduce transmission losses.
Future	CAR033	Frequency regulation - Frequency Keeper Offer Selection	EC	2006	8		Stage 1 of this project was completed in 2007. Stage 2 was put on hold as low priority.
Future	CAR035	Wind - AOPO (Voltage)	EC	2008	8		The voltage AOPOs need to be reviewed to determine if appropriate to cover wind generator capability. Project arising from the WGIP recommendations.
Future	CAR036	Wind - IR Cost Allocation	EC	2008	8		Consideration needs to be given to the allocation of incremental IR costs due to wind generation. Project arising from the WGIP recommendations.
Future	CAR037	Wind - IL balancing	EC	2006	8		Potential for IL to balance wind generation fluctuations needs reviewing. Project arising from the WGIP recommendations.
Future	CAR039	Planned Outage Co-ordination Process (POCP) review	EC	2006	8		Part of WMI project (WAG) Provision of planned outage information is currently a voluntary process that has historically worked quite well. Consideration needs to be given to mandating the provision of outage information as generation margin reduces.
Future	CAR040	Part 13 constrained on provisions	Transpower (Nicki Lau Young)	14-Jul-11	13		Advised proposed - To be considered for 2012/13 work programme.
Future	CAR042	Part 11 - distributor notifications to retailers	Contact Energy (Rod Crone)	4-Aug-11	11		
Future	CAR043	Clearing Manager interest payment obligations	NZX (Erich Livengood)	9-Nov-11	14		
Future	CAR044	Distributor audit anniversary date	MainPower (Dayle Parris)	29-Nov-11	11		
Future	CAR045	Clearing Manager default remedies (14.58)	NZX (Erich Livengood)	10-Nov-11	14		
Future	CAR046	Clearing manager time to publish constrained amounts Part 13	NZX (Steve Torrens)	18-Jan-12	13, 15		
Future	CAR047	Part 13 exclusion of pricing manager and system operator regarding pricing error claims	NZX (Steve Torrens)	18-Jan-12	13		

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Future	CAR049	Review definition of local network or grid connected generator	EA	4-Apr-12	1, 13		
Future	CAR059	Requiring distributors to conditionally use the price category code of ZERO	Contact Energy	8-Jun-12	11		
Future	CAR065	ICP days scaling	Contact Energy (Rod Crone)	28-Jun-12	15		
Received, assessment to be completed							
Received	CAR071	Scarcity pricing GWAP c	NZX (Andrew Wats	12-Oct-12	13		Assessment due 18 January 2013
Received	CAR072	ICP chargeable capacity	EA Compliance Committee	30-Oct-12	11		Assessment due 12 February 2013
Received	CAR073	Demand-side participation in frequency keeping	EnerNOC (Paul Troughton)	15-Nov-12	13		Assessment due 28 February 2013 Also see CAR015
Declined							
Declined	CAR007	Definition of "distribution network"	Genesis Energy	during transition to EA	1, 6		Genesis proposed an amendment to the definition of distribution network, to exclude lines conveying electricity only from a generator to the national grid, or vice versa (which is not distributed generation in the normal sense), from the application of the Code.
Declined	CAR008	Definition of "business day"	EC/EA	during transition to EA	1, 6		"Business day" is currently defined to have a different meaning in Part 6 to the rest of the Code. BF recommends the definition be the same for the whole Code.
Declined	CAR053	(Part 12A Amendment)	Kevin Sharp, WEL	27-Apr-12	Part 12A		While the Authority does not intend to progress the proposal, it is considering clause 26.9 of the MUoSA to address the concerns identified.
Declined	CAR060	Increasing the time that traders must claim an ICP on the registry	EA	8-Jun-12	Part 11		Code amendment not currently justified and other business options are available to participants.
Declined	CAR064	Compliance with good electricity industry practice	Compliance Committee	26-Jun-12	12		There are existing provisions within the regulatory framework that require relevant participants to comply with the requirements of GEIP.
Declined	CAR066	Minimum disconnection time for power providers	Anna Yates (a landlord)	15-Aug-12	N/A		The costs of the proposal are likely to substantially outweigh the benefits. Non-regulatory alternatives are available to landlords.