

Electricity Distribution Services Default Price-Quality Path Determination 2015

Consolidating all amendments as of 9 July 2015

Associated documents		
Publication date	Decision No.	Determination name
28 November 2014	[2014] NZCC 33	Electricity Distribution Services Default Price-Quality Path Determination 2015 [2014] NZCC 33
26 March 2015	[2015] NZCC 9	Electricity Distribution Services (Top Energy Limited) Default Price-Quality Path Amendment Determination 2015
9 July 2015	[2015] NZCC 18	Electricity Distribution Services (Powerco Limited) Default Price-Quality Path Amendment Determination 2015

Commerce Commission
Wellington, New Zealand

Contents

1	Short title	5
2	Commencement	5
3	Application	5
4	Interpretation	5
5	Default / customised price-quality path	12
6	Applicable input methodologies	12
7	Dates for proposing a customised price-quality path	12
8	Price path	13
9	Quality standards	16
10	Transactions	16
11	Annual compliance statements	18
Schedule 1	Starting Prices	23
Schedule 2	Annual rates of change	24
Schedule 3A	Calculation of allowable notional revenue for the first Assessment Period	25
Schedule 3B	Calculation of allowable notional revenue for the remaining Assessment Periods	26
Schedule 3C	Recalculation of the price path following a Major Transaction	27
Schedule 4A	Quality standards	31
Schedule 4B	Adjustments to quality measures	33
Schedule 5	Pass-through Costs and Recoverable Costs for an Assessment Period	40
Schedule 5A	Approval of Energy Efficiency and Demand Side Management Incentive Allowances	41
Schedule 5B	How to calculate the Quality Incentive Adjustment	43

Schedule 5C	Claw-back	47
Schedule 5D	NPV Wash-Up Allowances	48
Schedule 5E	Avoided transmission charges	49
Schedule 5F	Transmission Asset Wash-up Adjustments	50
Schedule 5G	Specified amounts for the incremental rolling incentive scheme	51
Schedule 5H	Approval of Extended Reserves Allowances	54
Schedule 6	Form of Director's Certificate	55
Schedule 7	Independent Auditor's report on Annual Compliance Statement	56

Pursuant to Part 4 of the Commerce Act 1986, the Commerce Commission makes the following determination:

1. Short Title

This determination is the Electricity Distribution Services Default Price-Quality Path Determination 2015.

2. Commencement

This determination comes into force on 1 April 2015.

3. Application

3.1 This determination applies to all Non-exempt EDBs, except as provided in clause 3.2.

3.2 This determination does not apply to Orion until the expiration of the *Orion New Zealand Limited Customised Price-Quality Path Determination 2013* [2013] NZCC 21.

4. Interpretation

4.1 Unless the context otherwise requires:

- (a) terms used in this determination that are defined in the Act but not in this determination have the same meanings as in the Act;
- (b) terms used in this determination that are defined in the IM Determination but not in this determination have the same meanings as in the IM Determination;
- (c) any reference to a period of time is interpreted in accordance with section 35 of the Interpretation Act 1999;
- (d) words appearing in this determination with capitalised initial letters that are defined in clause 4.2 bear the meaning given to them in clause 4.2; and
- (e) a word which denotes the singular also denotes the plural and vice versa.

4.2 In this determination, unless the context otherwise requires, –

2013-15 NPV Wash-up Allowance has the meaning given in clause 1.1.4(2) of the IM Determination, and is specified in Schedule 5D

Act means the Commerce Act 1986

Amalgamate and **Amalgamation** have the meaning given in clause 1.1.4(2) of the IM Determination

Annual Compliance Statement means a written statement made by a Non-exempt EDB under clause 11

Assessment Period means a 12 month period commencing 1 April and ending on 31 March of the following year for which compliance with a price-quality path must be demonstrated

Capex Incentive Amount has the meaning given in clause 1.1.4(2) of the IM Determination

Catastrophic Event has the meaning given in clause 1.1.4(2) of the IM Determination

Class B Interruptions means Planned Interruptions by a Non-exempt EDB

Class C Interruptions means Unplanned Interruptions originating within the System Fixed Assets of a Non-exempt EDB

Commission means the Commerce Commission as defined in section 2 of the Act

Consumer has the meaning given in clause 1.1.4(2) of the IM Determination

Consumer Group means a category of Consumer used by a Non-exempt EDB for the purpose of setting Prices

Consumer Minutes means the sum of the number of minutes of Interruption for all Consumers which were impacted by the Interruption, where any Interruption that spans multiple calendar days accrues to the day on which the Interruption began

Cost of Debt means the amount, determined by the Commission in accordance with the IM Determination, applicable to a Regulatory Period or CPP Regulatory Period

CPI has the meaning given in clause 1.1.4(2) of the IM Determination

CPP Regulatory Period means the period during which a Non-exempt EDB is subject to a customised price-quality path

Director has the meaning given in clause 1.1.4(2) of the IM Determination

Distribution Prices has the meaning given in clause 1.1.4(2) of the IM Determination

EDB means a supplier of Electricity Lines Services other than Transpower

Electricity Distribution Services has the meaning given in clause 1.1.4(2) of the IM Determination

Electricity Lines Services has the meaning given in clause 1.1.4(2) of the IM Determination

Energy Efficiency and Demand Side Management Incentive Allowance has the meaning given in clause 1.1.4(2) of the IM Determination, and is the amount approved by the Commission in accordance with Schedule 5A

Exempt EDB means an EDB other than a Non-exempt EDB

Extended Reserves Allowance has the meaning given in clause 1.1.4(2) of the IM Determination

ICP means a point of connection which the EDB nominates as the point at which an electricity retailer will be deemed to supply electricity to a Consumer

IM Determination means the *Electricity Distribution Services Input Methodologies Determination 2012* [2012] NZCC 26, including, for the avoidance of doubt, any amendment in effect at the time of determination of a default price-quality path or customised price-quality path

Independent Auditor means a person who—

- (a) is qualified for appointment as auditor of a company under the Companies Act 1993 or, where the Non-exempt EDB is a public entity (as defined in s 4 of the Public Audit Act 2001), is the Auditor-General; and
- (b) has no relationship with, or interest in, the Non-exempt EDB being audited that is likely to involve the person in a conflict of interest; and
- (c) has not assisted with the preparation of the Annual Compliance Statement or provided advice or opinions (other than in relation to audit reports) on the methodologies or processes used in preparing the Annual Compliance Statement; and
- (d) has the necessary expertise to properly undertake an audit required by clause 11.3(b); but
- (e) need not be the same person as the person who audits the Non-exempt EDB's accounts for any other purpose

Interruption means, in relation to the conveyance of electricity to a Consumer by means of a Prescribed Voltage Electric Line, the cessation of conveyance of electricity to that Consumer for a period of 1 minute or longer, or disconnection of that Consumer, other than—

- (a) in accordance with any requirements in the Electricity Industry Participation Code 2010 relating to extended reserves; or
- (b) as a result of an automatic under voltage, under frequency, or rolling outage scheme or similar arrangement required as part of the System Operator Services or other instruction from an authorised regulator; or

- (c) for breach of the contract under which the electricity is conveyed; or
- (d) as a result of a request from the Consumer; or
- (e) as a result of a request by the Consumer's electricity retailer; or
- (f) for the purpose of isolating an unsafe installation

Major Event Day means any day where the daily SAIDI Value for Class C Interruptions or daily SAIFI Value for Class C Interruptions exceeds the applicable SAIDI Unplanned Boundary Value or SAIFI Unplanned Boundary Value

Major Transaction means any transaction (other than an Amalgamation or a Merger between Non-exempt EDBs) involving a transfer of assets that, as a result of that transfer, results in any Consumer being supplied Electricity Lines Services by a different EDB

Merger means a transaction whereby a Non-exempt EDB takes over, or otherwise merges with, another Non-exempt EDB other than by an amalgamation under Part 13 of the Companies Act 1993, which without limitation includes:

- (a) the purchase of all the assets of another Non-exempt EDB;
- (b) the acquisition of sufficient shares in another Non-exempt EDB to have an interest in the other Non-exempt EDB sufficient to enable it, whether directly or indirectly, to exert a substantial degree of influence over the activities of the other Non-exempt EDB; or
- (c) a scheme of arrangement under Part 15 of the Companies Act 1993 having like effect

Non-exempt EDB has the meaning given in clause 1.1.4(2) of the IM Determination

Opex Incentive Amount has the same meaning as given in clause 1.1.4(2) of the IM Determination

Orion means Orion New Zealand Limited

Pass-through Costs has the meaning given in clause 1.1.4(2) of the IM Determination, and apply to an Assessment Period in accordance with Schedule 5

Pass-through Balance is the cumulative difference between the revenue from Pass-through Prices and the sum of Pass-through Costs and Recoverable Costs, and is calculated in accordance with clause 8.6

Pass-through Prices has the meaning given in clause 1.1.4(2) of the IM Determination, and the Pass-through Costs and Recoverable Costs that are

attributable to Pass-through Prices during an Assessment period are determined in accordance with clause 8.6(b)

Planned Interruption means any Interruption other than an Unplanned Interruption

Prescribed Voltage Electric Line means an electric line that is capable of conveying electricity at a voltage equal to or greater than 3.3 kilovolts

Prices has the meaning given in clause 3.1.1(4) of the IM Determination

Quality Incentive Adjustment has the meaning given in clause 1.1.4(2) of the IM Determination, and is calculated in accordance with Schedule 5B

Quantities means the amount supplied (other than forecast) of Electricity Distribution Services corresponding to the extent practicable to a Price (which may include, but is not limited to, kWh, kVA, kW, and day)

Recoverable Costs has the meaning given in clause 1.1.4(2) of the IM Determination, and apply to an Assessment Period in accordance with Schedule 5

Reference Dataset means the set of daily SAIDI Values and daily SAIFI Values used to re-calculate quality measures as specified in Schedule 4B

Reference Period means the period to which a Reference Dataset applies, as specified in Schedule 4B

Regulatory Period means the period during which a Non-exempt EDB is subject to a default price-quality path

Regulatory Investment Value means the total opening RAB values plus the opening deferred tax as reported in accordance with an ID Determination, as defined in clause 1.1.4(2) of the IM Determination, applicable to the EDB for the Assessment Period in which a Major Transaction occurs

Restructure of Prices means any change in the allocation of connections to Consumer Groups by a Non-exempt EDB, the introduction of a new Consumer Group, or any change in Prices, but excludes:

- (a) a change to the value of a Price applicable to an existing Consumer Group; or
- (b) the movement of connections between existing Consumer Groups at the request of the Consumer or retailer

SAIDI Assessed Value means the sum of SAIDI Values for an Assessment Period calculated in accordance with Schedule 4A

SAIDI Cap means the maximum SAIDI Value used for purposes of calculating the Quality Incentive Adjustment, and is specified in Schedule 5B

SAIDI Collar means the minimum SAIDI Value used for purposes of calculating the Quality Incentive Adjustment, and is specified in Schedule 5B

SAIDI Limit means, for a Non-exempt EDB, the SAIDI Value against which a Non-exempt EDB's compliance with the quality standards is assessed, and is specified in Schedule 4A

SAIDI Target means the SAIDI Value used for purposes of calculating the Quality Incentive Adjustment, and is specified in Schedule 5B

SAIDI Unplanned Boundary Value means the value specified in Schedule 4A

SAIDI Value means the system average interruption duration index values, where any Interruption that spans multiple calendar days accrues to the day on which the Interruption began

SAIFI Assessed Value means the sum of SAIFI Values for an Assessment Period calculated in accordance with Schedule 4A

SAIFI Cap means the maximum SAIFI Value used for purposes of calculating the Quality Incentive Adjustment, and is specified in Schedule 5B

SAIFI Collar means the minimum SAIFI Value used for purposes of calculating the Quality Incentive Adjustment, and is specified in Schedule 5B

SAIFI Limit means, for a Non-exempt EDB, the SAIFI Value against which a Non-exempt EDB's compliance with the quality standards is assessed, and is specified in Schedule 4A

SAIFI Target means the SAIFI Value used for purposes of calculating the Quality Incentive Adjustment, and is specified in Schedule 5B

SAIFI Unplanned Boundary Value means the value specified in Schedule 4A

SAIFI Value means the system average interruption frequency index values

System Fixed Assets means all fixed assets owned, provided, maintained, or operated by a Non-exempt EDB that are used or intended to be used for the supply of Electricity Lines Services

Transmission Asset Wash-up Adjustment has the same meaning as given in clause 1.1.4(2) of the IM Determination, and is specified in Schedule 5F

Transmission Pricing Methodology means the methodology determined by the Electricity Authority that specifies how Transpower's charges for its services are allocated and who is to be charged

Transpower has the meaning set out in section 54B of the Act

Unplanned Interruption means any Interruption in respect of which less than 24 hours' notice, or no notice, was given either to the public or to all Consumers affected by the Interruption

Unregulated Services has the meaning given in clause 1.1.4(2) of the IM Determination

Working Day has the meaning given in section 2(1) of the Act.

5. Default / customised price-quality path

During a Regulatory Period or CPP Regulatory Period, every Non-exempt EDB must comply with the price-quality path, which consists of:

- (a) the price path specified in clause 8; and
- (b) the quality standards specified in clause 9.

6. Applicable input methodologies

6.1 The input methodologies that apply are the following parts of the IM Determination:

- (a) Subpart 1 of Part 3 – specification of price;
- (b) Subpart 2 of Part 3 – amalgamations;
- (c) Subpart 3 of Part 3 – incremental rolling incentive scheme;
- (d) Subpart 1 of Part 4 – cost allocation;
- (e) Subpart 2 of Part 4 – asset valuation;
- (f) Subpart 3 of Part 4 – treatment of taxation;
- (g) Subpart 4 of Part 4 – cost of capital;
- (h) Subpart 5 of Part 4 – reconsideration of the default price-quality path;
- (i) Subpart 6 of Part 4 – treatment of periods that are not 12 month periods; and
- (j) Subpart 7 of Part 4 – availability of information.

7. Dates for proposing a customised price-quality path

7.1 A Non-exempt EDB may, except within the 12 months before the expiration of a Regulatory Period, submit a proposal for a customised price-quality path to the Commission:

- (a) in the period beginning on the second Monday in February and ending 6 Working Days after;
- (b) in the period beginning on the first Monday of May and ending 6 Working Days after; or
- (c) within 24 months following a Catastrophic Event.

8. Price path

Starting prices

- 8.1 The starting prices that apply to a Non-exempt EDB, specified as maximum allowable revenue, and the Regulatory Period or CPP Regulatory Period to which they apply, are as set out in Schedule 1.

Rates of change

- 8.2 The annual rates of change in prices relative to CPI allowed for a Non-exempt EDB during a Regulatory Period or CPP Regulatory Period are as set out in Schedule 2.

Compliance with allowable notional revenue

- 8.3 The notional revenue of a Non-exempt EDB in an Assessment Period must not exceed the allowable notional revenue for the Assessment Period, such that:

$$NR \leq ANR$$

where-

NR is the notional revenue for the Assessment Period, calculated in accordance with clause 8.5; and

ANR is the allowable notional revenue for the Assessment Period, calculated in accordance with clause 8.4.

How to calculate notional revenue and allowable notional revenue

- 8.4 Allowable notional revenue specifies the maximum Distribution Prices that may be charged during an Assessment Period, and is calculated in accordance with the formula –
- (a) in Schedule 3A for the first Assessment Period of a Regulatory Period or CPP Regulatory Period; and
 - (b) in Schedule 3B for all other Assessment Periods.
- 8.5 The notional revenue of a Non-exempt EDB is calculated in accordance with the formula –

$$\sum_i DP_{i,t} Q_{i,t-2}$$

where-

t is the year in which the Assessment Period ends;

i denotes each Distribution Price;

$DP_{i,t}$ is the i^{th} Distribution Price during any part of the Assessment Period t ; and

$Q_{i,t-2}$ is the Quantity for the Assessment Period ending two years prior to year t corresponding to the i^{th} Distribution Price.

Demonstration of recovery of Pass-through Costs and Recoverable Costs

8.6 In respect of each Assessment Period –

- (a) every Non-exempt EDB must calculate a Pass-through Balance in accordance with the formula –

$$PTB_t = \sum_i PTP_{i,t} Q_{i,t} - K_t - V_t + PTB_{t-1}(1+r)$$

where-

t is the year in which the Assessment Period ends;

i denotes each Pass-through Price;

PTB_t is the Pass-through Balance for the Assessment Period t ;

PTB_{t-1} is–

- (a) nil in the first Assessment Period in which a Non-exempt EDB must calculate a Pass-through Balance, and
- (b) in all other Assessment Periods the Pass-through Balance for the Assessment Period prior to year t , as calculated using any additional information available at the end of Assessment Period t ;

$PTP_{i,t}$ is the i^{th} Pass-through Price during any part of the Assessment Period t ;

$Q_{i,t}$ is the Quantity for the Assessment Period t corresponding to the i^{th} Pass-through Price;

K_t is the sum of all Pass-through Costs that apply to the Assessment Period t ;

V_t is the sum of all Recoverable Costs that apply to the Assessment Period t ; and

r is the Cost of Debt; and

- (b) the Pass-through Prices for the Assessment Period include:

- (i) a demonstrably reasonable forecast of Pass-through Costs and Recoverable Costs that apply to the Assessment Period in accordance with Schedule 5; and

- (ii) all or any portion of any over- or under-recovery of Pass-through Costs or Recoverable Costs from a prior Assessment Period, adjusted for the Cost of Debt, as reflected in the most recently calculated Pass-through Balance at the time the Non-exempt EDB sets Prices.

Restructure of prices

- 8.7 For the avoidance of doubt, a Restructure of Prices by a Non-exempt EDB during an Assessment Period does not change the allowable notional revenue for that Assessment Period.
- 8.8 Where a Non-exempt EDB undertakes a Restructure of Prices, the EDB must:
- (a) in an Assessment Period during which a Restructure of Prices first applies, calculate notional revenue for that Assessment Period using the Quantities determined in accordance with clause 8.9; and
 - (b) in the Assessment Period immediately following the Assessment Period during which a Restructure of Prices first applies, calculate –
 - (i) allowable notional revenue using the Quantities determined in accordance with clause 8.9; and
 - (ii) notional revenue using the Quantities determined in accordance with clause 8.9.
- 8.9 For the purposes of clause 8.8, and subject to clause 8.10, where:
- (a) a Restructure of Prices combines two or more Consumer Groups into one Consumer Group, the Quantities corresponding to the Prices in the combined Consumer Group must be the sum of the Quantities corresponding to each of the Prices that applied to the previous Consumer Groups; and
 - (b) a Restructure of Prices separates a Consumer Group into two or more new Consumer Groups, the Quantities corresponding to the Prices in each new Consumer Group must be based on the Quantities corresponding to the Prices that applied to the original Consumer Group, and the sum of the Quantities corresponding to each new Consumer Group must equal the sum of the Quantities corresponding to the original Consumer Group.
- 8.10 If as a result of a Restructure of Prices there are no Quantities for the Assessment Period two years prior that practicably correspond to the restructured Prices, the Non-exempt EDB must derive a demonstrably reasonable estimate of the Quantities using any reasonable methodology, provided the Non-exempt EDB:
- (a) does not use a forecast Quantity as the estimate of a Quantity;
 - (b) uses any available relevant Quantity information in the Assessment Period two years prior;

- (c) considers any other relevant information reasonably available; and
- (d) uses a substantially similar methodology for determining Quantities in each Assessment Period for which Quantities are determined under this clause.

9. Quality standards

Compliance with quality standards

- 9.1 A Non-exempt EDB must, in respect of each Assessment Period, either:
- (a) comply with the annual reliability assessment specified in clause 9.2 for that Assessment Period; or
 - (b) have complied with the annual reliability assessment in each of the two preceding Assessment Periods.

Annual reliability assessment

- 9.2 For the purpose of subclause 9.1(a), to comply with the annual reliability assessment–
- (a) a Non-exempt EDB's SAIDI Assessed Value for the Assessment Period must not exceed the SAIDI Limit specified in Schedule 4A; and
 - (b) a Non-exempt EDB's SAIFI Assessed Value for the Assessment Period must not exceed the SAIFI Limit specified in Schedule 4A.

10. Transactions

Requirement to notify the Commission of large transactions

- 10.1 Each Non-exempt EDB must notify the Commission in writing within 30 Working Days after entering into an agreement with another EDB for an Amalgamation, Merger, or Major Transaction, where:
- (a) the Regulatory Investment Value of the Non-exempt EDB's assets associated with the provision of Electricity Distribution Services as at the start of the Assessment Period following the transaction is anticipated to increase or decrease by more than 10% as a result of the transaction; or
 - (b) the Non-exempt EDB's notional revenues for the Assessment Period following the transaction is anticipated to increase or decrease by more than 10% as a result of the transaction.
- 10.2 Where a Non-exempt EDB enters into a Major Transaction:
- (a) any notice required under clause 10.1 must include, to the extent practically available at the time of the notice, the:

- (i) Non-exempt EDB's allowable notional revenue for the Assessment Period in which the Major Transaction occurs, as adjusted in accordance with Schedule 3C;
 - (ii) amount of allowable notional revenue attributable to the Major Transaction;
 - (iii) Pass-through Balance attributable to the ICPs to be transferred as part of the Major Transaction, determined in accordance with Schedule 3C;
 - (iv) basis on which allowable notional revenue and the Pass-through Balance were allocated between the parties or otherwise determined in accordance with Schedule 3C; and
 - (v) SAIDI Limits, SAIDI Unplanned Boundary Values, SAIFI Limits, and SAIFI Unplanned Boundary Values, as adjusted in accordance with Schedule 4B; and
- (b) any information not practically available under 10.2(a) at the time of notice must be provided as soon as practicable after it becomes available.

Transactions resulting in an Amalgamation or Merger

10.3 Where a Non-exempt EDB completes—

- (a) an Amalgamation with one or more Non-exempt EDBs, clause 3.2.1 of the IM Determination applies;
- (b) a Merger with one or more Non-exempt EDBs, clause 3.2.1 of the IM Determination applies as if it were an Amalgamation; and
- (c) an Amalgamation or Merger, the quality measures for the aggregated quality standards must be calculated in accordance with Schedule 4B for the Assessment Period following the Amalgamation or Merger and each remaining Assessment Period of the Regulatory Period.

Major Transactions

10.4 A Non-exempt EDB that enters into an agreement with another EDB for a Major Transaction must:

- (a) for the Assessment Period in which the Major Transaction occurs, adjust the allowable notional revenue for that Assessment Period in accordance with Schedule 3C;
- (b) for the Assessment Period in which the Major Transaction occurs, adjust the Pass-through Balance in accordance with Schedule 3C; and
- (c) for the Assessment Period in which the Major Transaction occurs, and each remaining Assessment Period of the Regulatory Period or CPP Regulatory

Period, re-calculate the quality measures applicable to the Non-exempt EDB in accordance with Schedule 4B.

- 10.5 For the purposes of this clause 10 and Schedules 3C and 4B, a Major Transaction occurs in the Assessment Period in which ICPs are first supplied Electricity Lines Services by another EDB as a result of the Major Transaction.

Purchase of System Fixed Assets from Transpower

- 10.6 A Non-exempt EDB that completes all the terms and conditions of a transaction for a transfer of transmission assets from Transpower that become System Fixed Assets of the Non-exempt EDB, or a transfer of System Fixed Assets of the Non-exempt EDB to Transpower, including a transaction completed in the year immediately preceding a Regulatory Period for which a Transmission Asset Wash-up Adjustment has been specified by the Commission, must re-calculate the quality measures applicable to the Non-exempt EDB in accordance with Schedule 4B.

11. Annual compliance statements

- 11.1 All Non-exempt EDBs must:

- (a) provide to the Commission a written statement for each Assessment Period within 50 Working Days following the end of the Assessment Period (the Annual Compliance Statement);
- (b) provide to the Commission copies of their price-quantity schedules reflecting the Prices and Quantities disclosed in accordance with clause 11.4(c) and 11.4(f) in an electronic format that is compatible with Microsoft Excel within five Working Days after providing their Annual Compliance Statement to the Commission; and
- (c) make the Annual Compliance Statement, the director's certification provided under clause 11.3(a), and the assurance report provided under clause 11.3(b), publicly available on its website within five Working Days after providing it to the Commission.

- 11.2 The Annual Compliance Statement must:

- (a) state whether or not the Non-exempt EDB has complied with:
 - (i) the price path in clause 8 for the Assessment Period; and
 - (ii) the quality standards in clause 9 for the Assessment Period;
- (b) include any information required under clause 11.4 (price path compliance);
- (c) include any information required under clause 11.5 (quality standards compliance);
- (d) state whether or not:

- (i) the Non-exempt EDB has undertaken a Restructure of Prices during the Assessment Period;
- (ii) the Non-exempt EDB has received a transfer of transmission assets from Transpower that become System Fixed Assets, or transferred System Fixed Assets to Transpower;
- (iii) any Amalgamation or Merger has occurred in the Assessment Period;
- (iv) any Major Transaction has occurred in the Assessment Period;
- (e) if there has been an Amalgamation, Merger, or Major Transaction, include any additional information in accordance with clause 11.6 (transactions compliance);
- (f) if there has been a Restructure of Prices in the Assessment Period or the previous Assessment Period, include any additional information in accordance with clauses 11.7 and 11.8 (Restructure of Prices compliance); and
- (g) state the date on which the statement was certified.

11.3 The Annual Compliance Statement must be accompanied by:

- (a) a certificate in the form set out in Schedule 6, signed by at least one Director of the Non-exempt EDB; and
- (b) an assurance report, meeting the requirements specified in Schedule 7, in respect of all information contained in the Annual Compliance Statement.

Price path compliance

11.4 The Annual Compliance Statement must include any information reasonably necessary to demonstrate whether the Non-exempt EDB has complied with the price path set out in clause 8, including but not limited to:

- (a) if the Non-exempt EDB has not complied with the price path, the reasons for the non-compliance;
- (b) actions taken to mitigate any non-compliance and to prevent similar non-compliance in future Assessment Periods;
- (c) the amount of allowable notional revenue, the amount of notional revenue, Distribution Prices, Quantities, along with the units of measurement associated with all numeric data, and other relevant data, information, and calculations;
- (d) in relation to each Price during any part of the Assessment Period, the Price and the portions of that Price that are Pass-through Prices and the portion of that Price that are Distribution Prices;

- (e) the methodology used to calculate Distribution Prices and Pass-through Prices, along with information clearly identifying the portion of Pass-through Prices attributable to—
 - (i) Pass-through Costs and Recoverable costs for the Assessment Period in question, and
 - (ii) any under or over-recovery of Pass-through Costs and Recoverable Costs from a prior Assessment Period, as reflected by the Pass-through Balance;
- (f) the Pass-through Balance, Pass-through Prices, and Quantities for the Assessment Period and the preceding Assessment Period, along with the units of measurement associated with all numeric data, and other relevant data information, and calculations;
- (g) the amount of Pass-through Costs and Recoverable Costs included in the calculation of the Pass-through Balance for the Assessment Period, and supporting data, information, and calculations used to determine those amounts;
- (h) evidence of the amount of charge relating to any new investment contract entered into in the Assessment Period consistent with clause 3.1.3(1)(c) of the IM Determination, which need not be publicly disclosed under 11.1(c);
- (i) the amount of any Pass-through Costs and Recoverable Costs (actual or forecast) used to set Pass-through Prices for the Assessment period;
- (j) an explanation as to the cause, or likely cause, of any differences between the amounts of Pass-through or Recoverable Costs used to set Prices and actual amounts of those Pass-through Costs and Recoverable Costs; and
- (k) a reconciliation between the Pass-through Balance for the Assessment period with the Pass-through Balance for the preceding Assessment Period .

Quality standards compliance

- 11.5 The Annual Compliance Statement must include any information reasonably necessary to demonstrate whether the Non-exempt EDB has complied with the quality standards set out in clause 9, including but not limited to:
- (a) if the Non-exempt EDB has not complied with the annual reliability assessment in clause 9.2 for the Assessment Period, the reasons for not complying;
 - (b) actions taken to mitigate any non-compliance and to prevent similar non-compliance in future Assessment Periods;
 - (c) SAIDI and SAIFI Assessed Values, Limits, Unplanned Boundary Values, Caps, Collars, and the Targets for the Assessment Period, and any supporting

calculations (including those in Schedule 4A) and the annual reliability assessments for the two previous Assessment Periods;

- (d) any re-calculations of the SAIDI and SAIFI Limits, Unplanned Boundary Values, Targets, Caps, and Collars following a Major Transaction or transfer of transmission assets from Transpower that become System Fixed Assets, or a transfer of System Fixed Assets to Transpower including any supporting information, calculations, or data used to determine the historic SAIDI and SAIFI Values of the newly acquired or transferred assets;
- (e) a description of the policies and procedures which the Non-exempt EDB has used for capturing and recording Interruptions and for calculating SAIDI and SAIFI Assessed Values for the Assessment Period; and
- (f) the cause of each Major Event Day within the Assessment Period.

Transactions compliance

11.6 If a Non-exempt EDB participates in an Amalgamation, a Merger, or Major Transaction, the Annual Compliance Statement for that Assessment Period must:

- (a) state whether the Non-exempt EDB has complied with clauses 10.1 to 10.4; and
- (b) include any information or calculations required to be made under clauses 10.1 to 10.4.

Restructure of Prices compliance

11.7 If a Non-exempt EDB has undertaken a Restructure of Prices that first applied during the current or preceding Assessment Period, the Annual Compliance Statement must state the nature of the Restructure of Prices and identify the Consumer Groups impacted by the Restructure of Prices.

11.8 If a Non-exempt EDB has undertaken a Restructure of Prices that first applied during the current or preceding Assessment Period, and the Non-exempt EDB has derived Quantities for the purposes of calculating notional revenue or allowable notional revenue under clause 8.10, the Annual Compliance Statement must include:

- (a) the methodology used to determine the Quantities that corresponds to each restructured Price;
- (b) the forecast of the Quantities corresponding to each restructured Price prepared by the Non-exempt EDB for that Assessment Period, and the actual Quantities; and
- (c) an explanation for any differences between the actual and forecast Quantities.

Schedule 1: Starting Prices

1. The starting prices that apply to the Regulatory Period 1 April 2015 to 31 March 2020 for each Non-exempt EDB, specified as maximum allowable revenue, are as set out in Table 1.1.

**Table 1.1: Starting prices for the Regulatory Period
1 April 2015 – 31 March 2020**

Non-Exempt EDB	Maximum allowable revenue (\$000)	Change in Constant Price Revenue (ΔD)
Alpine Energy Limited	30,458	1.0054
Aurora Energy Limited	56,512	1.0111
Centralines Limited	9,983	0.9874
Eastland Network Limited	22,732	0.9947
Electricity Ashburton Limited	33,047	1.0069
Electricity Invercargill Limited	13,565	1.0034
Horizon Energy Distribution Limited	22,027	0.9995
Nelson Electricity Limited	6,824	1.0123
Network Tasman Limited	28,092	1.0101
OtagoNet Joint Venture	24,780	1.0074
Powerco Limited	250,424	0.9989
The Lines Company Limited	34,705	0.9885
Top Energy Limited	34,231	0.9928
Unison Networks Limited	100,102	1.0056
Vector Limited	395,245	1.0207
Wellington Electricity Lines Limited	98,788	1.0089

Schedule 2: Annual rates of change

1. The annual rate of change for all Non-exempt EDBs is the annual rate of change generally applicable to all Non-exempt EDBs for that Regulatory Period, unless an alternative rate of change is specified for the Non-exempt EDB.
2. The annual rate of change generally applicable to all Non-exempt EDBs for the Regulatory Period 1 April 2015 to 31 March 2020 is 0%.
3. The Non-exempt EDBs subject to an alternative annual rate of change for the Regulatory Period 1 April 2015 to 31 March 2020, and the alternative rate of change that applies, are as set out in Table 2.1.

**Table 2.1: Alternative rates of change for the
Regulatory Period 1 April 2015 - 31 March 2020**

Non-exempt EDB	Alternative rate of change
Alpine Energy Limited	-11.0%
Centralines Limited	-7.0%
Eastland Network Limited	-3.0%
Top Energy Limited	-7.0%

Schedule 3A: Calculation of allowable notional revenue for the first Assessment Period

1. The allowable notional revenue for the first Assessment Period of a Regulatory Period or CPP Regulatory Period must be calculated in accordance with the formula –

$$ANR_t = \frac{MAR_t}{\Delta D}$$

where-

t is the first Assessment Period of the Regulatory Period or CPP Regulatory Period;

MAR_t is the maximum allowable revenue for the first Assessment Period as specified in Schedule 1;

ΔD is the change in constant price revenue specified in Schedule 1.

Schedule 3B: Calculation of allowable notional revenue for the remaining Assessment Periods

1. The allowable notional revenue for all Assessment Periods other than the first Assessment Period of a Regulatory Period or CPP Regulatory Period must be calculated in accordance with the formula -

$$ANR_t = \left(\sum_i DP_{i,t-1} Q_{i,t-2} + (ANR_{t-1} - NR_{t-1}) \right) (1 + \Delta CPI_t) (1 - X)$$

where-

t is the year in which the Assessment Period ends;

i denotes each Distribution Price;

$DP_{i,t-1}$ is the i^{th} Distribution Price during any part of the Assessment Period ending the year prior to year t ;

$Q_{i,t-2}$ is the Quantity for the Assessment Period ending 2 years prior to year t corresponding to the i^{th} Distribution Price;

$ANR_{t-1} - NR_{t-1}$ is the difference between allowable notional revenue and notional revenue for the Assessment Period ending the year prior to year t ;

X is the annual rate of change applicable to the Non-exempt EDB, as specified in Schedule 2; and

ΔCPI_t is the derived change in the CPI to be applied for the Assessment Period ending in year t , being equal to:

$$\frac{CPI_{Dec,t-3} + CPI_{Mar,t-2} + CPI_{Jun,t-2} + CPI_{Sep,t-2}}{CPI_{Dec,t-4} + CPI_{Mar,t-3} + CPI_{Jun,t-3} + CPI_{Sep,t-3}} - 1$$

where-

$CPI_{q, t-n}$ is the CPI for the quarter year ending q in the 12 month period n years prior to year t .

Schedule 3C: Recalculation of the price path following a Major Transaction

1. A Non-exempt EDB must calculate its allowable notional revenue and adjust its Pass-through Balance for the Assessment Period in which a Major Transaction occurs –
 - (a) in accordance with paragraphs 2 to 4 where the Major Transaction is with another Non-exempt EDB; or
 - (b) in accordance with paragraph 5 where the Major Transaction is with an Exempt EDB.

Transactions with a Non-exempt EDB

2. Each Non-exempt EDB must agree a demonstrably reasonable allocation of:
 - (a) the allowable notional revenue attributable to the ICPs transferred as a result of the transaction; and
 - (b) the Pass-through Balance attributable to the ICPs transferred as a result of the transaction.
3. The Non-exempt EDB transferring ICPs to another Non-exempt EDB as part of a Major Transaction must:
 - (a) reduce its allowable notional revenue by the amount determined in accordance with paragraph 2(a); and
 - (b) subtract the amount determined in accordance with paragraph 2(b) from the Pass-through Balance.
4. The Non-exempt EDB receiving a transfer of ICPs from another Non-exempt EDB as part of a Major Transaction must:
 - (a) increase its allowable notional revenue by the amount determined in accordance with paragraph 2(a); and
 - (b) add the amount determined in accordance with paragraph 2(b) to the Pass-through Balance.

Transactions with an Exempt EDB

5. A Non-exempt EDB that enters into a Major Transaction with an Exempt EDB must determine its allowable notional revenue and Pass-through Balance:
 - (a) in accordance with paragraph 6 or paragraph 9 where the Non-exempt EDB receives a transfer of ICPs from an Exempt EDB; or
 - (b) in accordance with paragraph 7 or paragraph 9 where the Non-exempt EDB transfers ICPs to an Exempt EDB.

6. A Non-exempt EDB receiving a transfer of ICPs from an Exempt EDB must increase its allowable notional revenue by an amount calculated in accordance with the formula—

$$\left(\sum_i P_{i,t-1} Q_{i,t-2} - K_{proportion,t-1} - V_{proportion,t-1} \right) (1 + \Delta CPI_t) \times \text{Part-year Factor}$$

where—

t is the year in which the Assessment Period ends;

i denotes each Price;

$P_{i,t-1}$ is the i^{th} Price of the Exempt EDB during any part of the Assessment Period prior to year t ;

$Q_{i,t-2}$ is the Quantity attributable to the ICPs transferred to the Non-exempt EDB for the Assessment Period ending 2 years prior to year t corresponding to the i^{th} Price;

$K_{proportion,t-1}$ is the proportion of all Pass-through Costs of the Exempt EDB for the Assessment Period prior to year t , being equal to:

$$\text{Transaction Factor} \times K_{t-1}$$

where—

K_{t-1} is the sum of all Pass-through Costs of the Exempt EDB for the Assessment Period prior to year t ;

$V_{proportion,t-1}$ is the proportion of all Recoverable Costs of the Exempt EDB for the Assessment Period prior to year t , being equal to:

$$\text{Transaction Factor} \times V_{t-1}$$

where—

V_{t-1} is the sum of all Recoverable Costs of the Exempt EDB for the Assessment Period prior to year t ; and

ΔCPI_t is the derived change in the CPI to be applied for the Assessment Period ending in year t , being equal to:

$$\frac{CPI_{Dec,t-3} + CPI_{Mar,t-2} + CPI_{Jun,t-2} + CPI_{Sep,t-2}}{CPI_{Dec,t-4} + CPI_{Mar,t-3} + CPI_{Jun,t-3} + CPI_{Sep,t-3}} - 1$$

where—

$CPI_{q,t-n}$ is the CPI for the quarter year ending q in the 12 month period n years prior to year t .

7. A Non-exempt EDB transferring ICPs to an Exempt EDB must —

- (a) re-calculate its allowable notional revenue in accordance with the formula—

$$ANR = ANR_p - (ANR_p \times Transaction\ Factor \times Part - year\ Factor)$$

where—

ANR_p is the allowable notional revenue, calculated in accordance with Schedule 3A or 3B, that would have applied for the Assessment Period absent the transaction; and

- (b) where the Pass-through Balance as at the start of the Assessment Period is a positive amount, subtract from the Pass-through Balance an amount equal to:

$$(Transaction\ Factor \times PTB_{unrecovered}) + (Transaction\ Factor \times PTB_{recovered} \times Part-year\ Factor)$$

where—

$PTB_{unrecovered}$ is the portion of the Pass-through Balance, as at the close of the prior Assessment Period, not used to set Prices for the Assessment Period; and

$PTB_{recovered}$ is the portion of the Pass-through Balance, as at the close of the prior Assessment Period, used to set Prices for the Assessment Period.

8. For the purposes of paragraphs 6 and 7—

- (a) the ‘Transaction Factor’ is calculated in accordance with the formula—

$$\frac{\sum P_{i,t-1} Q_{lost,i,t-2}}{\sum P_{i,t-1} Q_{i,t-2}}$$

where—

t is the year in which the Assessment Period ends;

i denotes each Price of the EDB transferring ICPs to the other EDB;

$P_{i,t-1}$ is the i^{th} Price of the EDB transferring ICPs to the other EDB during any part of the Assessment Period prior to year t ;

$Q_{i,t-2}$ is the Quantity for the Assessment Period ending 2 years prior to year t of the EDB transferring ICPs to the other EDB corresponding to the i th Price; and

$Q_{lost, i, t-2}$ is the Quantity for the Assessment Period ending 2 years prior to year t of the EDB transferring ICPs to the other EDB attributable to the ICPs transferred and corresponding to the i th Price; and

(b) the 'Part-year Factor' is calculated in accordance with the formula—

$$\frac{n}{d}$$

where—

n is the number of days between the date on which ICPs are first transferred to the other EDB and the last day of the Assessment Period in which the ICPs are transferred; and

d is the number of days in the Assessment Period in question.

Alternative methodology following a Major Transaction with an Exempt EDB

9. A Non-exempt EDB may propose an alternative approach to calculating the allowable notional revenue and Pass-through Balance attributable to the ICPs transferred as part of a Major Transaction with an Exempt EDB using any reasonable alternative methodology approved by the Commission.

Schedule 4A: Quality standards

- The SAIDI Limits and SAIFI Limits, and SAIDI Unplanned Boundary Values and SAIFI Unplanned Boundary Values, for each Non-exempt EDB for the Regulatory Period 1 April 2015 to 31 March 2020, subject to Schedule 4B, are as set out in Table 4A.1.

Table 4A.1: SAIDI Limits, SAIFI Limits, SAIDI Unplanned Boundary Values, and SAIFI Unplanned Boundary Values for the Regulatory Period 1 April 2015 – 31 March 2020

Non-exempt EDB	SAIDI Limit	SAIDI Unplanned Boundary Value	SAIFI Limit	SAIFI Unplanned Boundary Value
Alpine Energy Limited	154.155	9.175	1.507	0.072
Aurora Energy Limited	83.365	3.382	1.447	0.061
Centralines Limited	139.348	8.517	4.203	0.294
Eastland Network Limited	274.075	13.065	3.529	0.183
Electricity Ashburton Limited	151.043	8.081	1.612	0.098
Electricity Invercargill Limited	31.127	3.244	0.772	0.080
Horizon Energy Distribution Limited	175.827	10.770	2.215	0.100
Nelson Electricity Limited	22.230	2.699	0.241	0.033
Network Tasman Limited	129.818	6.983	1.422	0.067
Orion New Zealand Limited	73.4	4.4	0.87	0.06
OtagoNet Joint Venture	254.915	13.241	2.927	0.176
Powerco Limited	210.629	11.214	2.520	0.064
The Lines Company Limited	234.182	10.967	3.467	0.144
Top Energy Limited	516.675	29.364	6.248	0.347
Unison Networks Limited	110.167	4.541	2.146	0.077
Vector Limited	104.173	3.374	1.395	0.039
Wellington Electricity Lines Limited	40.630	2.103	0.625	0.031

Calculation of the SAIDI Assessed Values

2. Subject to paragraph 3, the SAIDI Assessed Value ($SAIDI_{assess}$) for an Assessment Period is calculated in accordance with the formula–

$$SAIDI_{assess} = (0.5 \times SAIDI_B) + SAIDI_C$$

where–

$SAIDI_B$ is the sum of the daily SAIDI Values for Class B Interruptions commencing within the Assessment Period; and

$SAIDI_C$ is the sum of the daily SAIDI Values for Class C Interruptions commencing within the Assessment Period, where any daily SAIDI Value for Class C Interruptions greater than the SAIDI Unplanned Boundary Value equals the SAIDI Unplanned Boundary Value.

3. The SAIDI Assessed Value ($SAIDI_{assess}$) for Orion for the Assessment Period ending 31 March 2020 is the sum of the daily SAIDI Values for Class B Interruptions and Class C Interruptions commencing within the Assessment Period, where any daily SAIDI Value greater than 4.4 equals 4.4.

Calculation of the SAIFI Assessed Values

4. Subject to paragraph 5, the SAIFI Assessed Value ($SAIFI_{assess}$) for an Assessment Period is calculated in accordance with the formula –

$$SAIFI_{assess} = (0.5 \times SAIFI_B) + SAIFI_C$$

where–

$SAIFI_B$ is the sum of the daily SAIFI Values for Class B Interruptions commencing within the Assessment Period; and

$SAIFI_C$ is the sum of the daily SAIFI Values for Class C Interruptions commencing within the Assessment Period, where any daily SAIFI Value for Class C Interruptions greater than the SAIFI Unplanned Boundary Value equals the SAIFI Unplanned Boundary Value.

5. The SAIFI Assessed Value ($SAIFI_{assess}$) for Orion for the Assessment Period ending 31 March 2020 is the sum of the daily SAIFI Values for Class B Interruptions and Class C Interruptions commencing within the Assessment Period, where any daily SAIFI Value greater than 0.06 equals 0.06.

Schedule 4B Adjustments to quality measures

1. For the Regulatory Period 1 April 2015 to 31 March 2020, a Non-exempt EDB required to re-calculate quality measures in accordance with clause 10 must adjust–
 - (a) the SAIDI Unplanned Boundary Value applicable to the Non-exempt EDB in accordance with paragraph 2(a) or paragraph 13;
 - (b) the SAIDI Targets applicable to the Non-exempt EDB in accordance with paragraph 3 or paragraph 13;
 - (c) the SAIDI Limits, SAIDI Caps, and SAIDI Collars applicable to the Non-exempt EDB in accordance with paragraph 5 or paragraph 13;
 - (d) the SAIFI Unplanned Boundary Value applicable to the Non-exempt EDB in accordance with paragraph 2(b) or paragraph 13; and
 - (e) the SAIFI Targets applicable to the Non-exempt EDB in accordance with paragraph 4 or paragraph 13; and
 - (f) the SAIFI Limits, SAIFI Caps, and SAIFI Collars applicable to the Non-exempt EDB in accordance with paragraph 5 or paragraph 13.
2. For the purposes of paragraph 1–
 - (a) the SAIDI Unplanned Boundary Value is the 23rd highest daily unplanned SAIDI Value in the Reference Dataset; and
 - (b) the SAIFI Unplanned Boundary Value is the 23rd highest daily unplanned SAIFI Value in the Reference Dataset.

3. For the purposes of paragraph 1, the SAIDI Target must be calculated in accordance with the formula –

$$\frac{(Daily_{planned} * 0.5) + Daily_{unplanned}}{10}$$

where-

Daily_{planned} is the sum of all daily planned SAIDI Values in the Reference Dataset;

Daily_{unplanned} is the sum of all daily unplanned SAIDI Values in the Reference Dataset, where any daily unplanned SAIDI Values greater than the SAIDI Unplanned Boundary Value equals that value.

4. For the purposes of paragraph 1, the SAIFI Target must be calculated in accordance with the formula –

$$\frac{(Daily_{planned} * 0.5) + Daily_{unplanned}}{10}$$

where-

$Daily_{planned}$ is the sum of all daily planned SAIFI Values in the Reference Dataset;

$Daily_{unplanned}$ is the sum of all daily unplanned SAIFI Values in the Reference Dataset, where any daily unplanned SAIFI Values greater than the SAIFI Unplanned Boundary Value equals that value.

5. For the purposes of paragraph 1:

(a) the SAIDI Limit is the amount calculated in accordance with the formula:

$$SAIDI_{target} + (SAIDI_{deviation} \times \sqrt{365})$$

where-

$SAIDI_{target}$ is the SAIDI Target calculated in accordance with paragraph 3;
and

$SAIDI_{deviation}$ is the standard deviation of the daily SAIDI assessed values calculated in accordance with paragraph 6(a);

(b) the SAIFI Limit is the amount calculated in accordance with the formula:

$$SAIFI_{target} + (SAIFI_{deviation} \times \sqrt{365})$$

where-

$SAIFI_{target}$ is the SAIFI Target calculated in accordance with paragraph 4;
and

$SAIFI_{deviation}$ is the standard deviation of the daily SAIFI assessed values calculated in accordance with paragraph 6(b);

(c) the SAIDI Cap is equal to the SAIDI Limit calculated in accordance with paragraph 5(a);

(d) the SAIFI Cap is equal to the SAIFI Limit calculated in accordance with paragraph 5(b);

(e) the SAIDI Collar is the amount calculated in accordance with the formula:

$$SAIDI_{target} - (SAIDI_{deviation} \times \sqrt{365})$$

where-

$SAIDI_{target}$ is the SAIDI Target calculated in accordance with paragraph 3;
and

$SAIDI_{deviation}$ is the standard deviation of the daily SAIDI assessed values calculated in accordance with paragraph 6(a); and

- (f) the SAIFI Collar is the amount calculated in accordance with the formula:

$$SAIFI_{target} - (SAIFI_{deviation} \times \sqrt{365})$$

where–

$SAIFI_{target}$ is the SAIFI Target calculated in accordance with paragraph 4; and

$SAIFI_{deviation}$ is the standard deviation of the daily SAIFI assessed values calculated in accordance with paragraph 6(b).

6. For the purposes of paragraph 5:

- (a) the ‘daily SAIDI assessed value’ for each day of the Reference Period is calculated in accordance with the formula–

$$SAIDI_A = (0.5 \times SAIDI_{planned}) + SAIDI_{unplanned}$$

where–

$SAIDI_{planned}$ is the daily planned SAIDI Value in the Reference Dataset; and

$SAIDI_{unplanned}$ is the daily unplanned SAIDI Value in the Reference Dataset, where any daily unplanned SAIDI Value greater than the SAIDI Unplanned Boundary Value equals that value.

- (b) the ‘daily SAIFI assessed value’ for each day of the Reference Period is calculated in accordance with the formula–

$$SAIFI_A = (0.5 \times SAIFI_{planned}) + SAIFI_{unplanned}$$

where–

$SAIFI_{planned}$ is the daily planned SAIFI Value in the Reference Dataset; and

$SAIFI_{unplanned}$ is the daily unplanned SAIFI Value in the Reference Dataset, where any daily unplanned SAIFI Value greater than the SAIFI Unplanned Boundary Value equals that value.

7. The Reference Dataset for the Regulatory Period 1 April 2015 to 31 March 2020 is the set of data for each day of the Reference Period 1 April 2004 through 31 March 2014 determined in accordance with:
- (a) paragraphs 8 – 11 in relation to a Major Transaction or transfer of System Fixed Assets, and
 - (b) paragraph 12 in relation to an Amalgamation or Merger.
8. For the purposes of paragraph 7(a), each daily planned SAIDI Value in the Reference Dataset is calculated in accordance with the formula–

$$\frac{\text{minutes}_{pre} + \text{minutes}_{added} - \text{minutes}_{lost}}{ICP_{pre} + ICP_{added} - ICP_{lost}}$$

where–

minutes_{pre} is the Consumer Minutes of Planned Interruptions on that day on the network of the Non-exempt EDB;

minutes_{added} is the Consumer Minutes of Planned Interruptions on that day on the assets transferred to the Non-exempt EDB;

minutes_{lost} is the Consumer Minutes of Planned Interruptions on that day on the assets transferred from the Non-exempt EDB;

ICP_{pre} is the average number of ICPs during the year in which that day occurs on the network of the Non-exempt EDB;

ICP_{added} is the average number of ICPs during the year in which that day occurs on the assets transferred to the Non-exempt EDB; and

ICP_{lost} is the average number of ICPs during the year in which that day occurs on the assets transferred from the Non-exempt EDB.

9. For the purposes of paragraph 7(a), each daily unplanned SAIDI Value in the Reference Dataset is calculated in accordance with the formula–

$$\frac{\text{minutes}_{pre} + \text{minutes}_{added} - \text{minutes}_{lost}}{ICP_{pre} + ICP_{added} - ICP_{lost}}$$

where–

minutes_{pre} is the Consumer Minutes of Unplanned Interruptions on that day on the network of the Non-exempt EDB;

minutes_{added} is the Consumer Minutes of Unplanned Interruptions on that day on the assets transferred to the Non-exempt EDB;

$minutes_{lost}$ is the Consumer Minutes of Unplanned Interruptions on that day on the assets transferred from the Non-exempt EDB;

ICP_{pre} is the average number of ICPs during the year in which that day occurs on the network of the Non-exempt EDB;

ICP_{added} is the average number of ICPs during the year in which that day occurs on the assets transferred to the Non-exempt EDB; and

ICP_{lost} is the average number of ICPs during the year in which that day occurs on the assets transferred from the Non-exempt EDB.

10. For the purposes of paragraph 7(a), each daily planned SAIFI Value in the Reference Dataset is calculated in accordance with the formula–

$$\frac{frequency_{pre} + frequency_{added} - frequency_{lost}}{ICP_{pre} + ICP_{added} - ICP_{lost}}$$

where–

$frequency_{pre}$ is the number of Planned Interruptions for all Consumers on that day attributable to the network of the Non-exempt EDB;

$frequency_{added}$ is the number of Planned Interruptions for all Consumers on that day attributable to the assets transferred to the Non-exempt EDB;

$frequency_{lost}$ is the number of Planned Interruptions for all Consumers on that day attributable to the assets transferred from the Non-exempt EDB;

ICP_{pre} is the average number of ICPs during the year in which that day occurs on the network of the Non-exempt EDB receiving a transfer of ICPs or System Fixed Assets;

ICP_{added} is the average number of ICPs during the year in which that day occurs on the assets transferred to the Non-exempt EDB; and

ICP_{lost} is the average number of ICPs during the year in which that day occurs on the assets transferred from the Non-exempt EDB.

11. For the purposes of paragraph 7(a), each daily unplanned SAIFI Value in the Reference Dataset is calculated in accordance with the formula–

$$\frac{frequency_{pre} + frequency_{added} - frequency_{lost}}{ICP_{pre} + ICP_{added} - ICP_{lost}}$$

where–

$frequency_{pre}$ is the number of Unplanned Interruptions for all Consumers on that day attributable to the network of the Non-exempt EDB;

$frequency_{added}$ is the number of Unplanned Interruptions for all Consumers on that day attributable to the assets transferred to the Non-exempt EDB;

$frequency_{lost}$ is the number of Unplanned Interruptions for all Consumers on that day attributable to the assets transferred from the Non-exempt EDB;

ICP_{pre} is the average number of ICPs during the year in which that day occurs on the network of the Non-exempt EDB;

ICP_{added} is the average number of ICPs during the year in which that day occurs on the assets transferred to the Non-exempt EDB; and

ICP_{lost} is the average number of ICPs during the year in which that day occurs on the assets transferred from the Non-exempt EDB.

12. For the purposes of paragraph 7(b):

(a) each daily planned SAIDI Value in the Reference Dataset is calculated in accordance with the formula–

$$\frac{\text{minutes}}{ICP}$$

where–

$minutes$ is the Consumer Minutes of Planned Interruptions on that day on the network of the Non-exempt EDB resulting from the Amalgamation or Merger;

ICP is the average number of ICPs during the year in which that day occurs on the network of the Non-exempt EDB resulting from the Amalgamation or Merger;

(b) each daily unplanned SAIDI Value in the Reference Dataset is calculated in accordance with the formula–

$$\frac{\text{minutes}}{ICP}$$

where–

$minutes$ is the Consumer Minutes of Unplanned Interruptions on that day on the network of the Non-exempt EDB resulting from the Amalgamation or Merger;

ICP is the average number of ICPs during the year in which that day occurs on the network of the Non-exempt EDB resulting from the Amalgamation or Merger;

- (c) each daily planned SAIFI Value in the Reference Dataset is calculated in accordance with the formula–

$$\frac{\textit{frequency}}{\textit{ICP}}$$

where–

frequency is the number of Planned Interruptions for all Consumers on that day on the network of the Non-exempt EDB resulting from the Amalgamation or Merger;

ICP is the average number of ICPs during the year in which that day occurs on the network of the Non-exempt EDB resulting from the Amalgamation or Merger; and

- (d) each daily unplanned SAIFI Value in the Reference Dataset is calculated in accordance with the formula–

$$\frac{\textit{frequency}}{\textit{ICP}}$$

where–

frequency is the number of Planned Interruptions for all Consumers on that day on the network of the Non-exempt EDB resulting from the Amalgamation or Merger;

ICP is the average number of ICPs during the year in which that day occurs on the network of the Non-exempt EDB resulting from the Amalgamation or Merger.

Alternative approach to determining the effect of a Major Transaction on quality measures

13. A Non-exempt EDB that enters into a Major Transaction may re-calculate its quality measures, including the applicable SAIDI Limit, SAIDI Unplanned Boundary Value, SAIDI Target, SAIDI Cap, and SAIDI Collar and SAIFI Limit, SAIFI Unplanned Boundary Value, SAIFI Target, SAIFI Cap, and SAIFI Collar, using an alternative approach approved by the Commission that delivers the equivalent quality standards for Consumers as those provided prior to the Major Transaction.

Schedule 5: Pass-through Costs and Recoverable Costs for an Assessment Period

1. Any amounts attributable to Pass-through Costs or Recoverable Costs during an Assessment Period, must:
 - (a) not have already been recovered in a previous Assessment Period;
 - (b) not otherwise be or intended to be recovered other than through Prices; and
 - (c) not be attributable to Pass-through Costs or Recoverable Costs that relate to an Assessment Period prior to 1 April 2015, except for the amount of any levies payable under regulations made under the Electricity Industry Act 2010 for the Assessment Period ending 31 March 2015 that were not recovered in that Assessment Period.

2. For the purposes of determining Pass-through Costs and Recoverable Costs:
 - (a) any Energy Efficiency and Demand Side Management Incentive Allowance must be approved in accordance with Schedule 5A;
 - (b) a Quality Incentive Adjustment must be calculated in accordance with Schedule 5B;
 - (c) any claw-back that applies to a Non-exempt EDB for an Assessment Period is specified in Schedule 5C;
 - (d) the 2013-15 NPV Wash-up Allowance is specified in Schedule 5D;
 - (e) the amount of charge described in paragraph 3.1.3(1)(b) of the IM Determination that a Non-exempt EDB has avoided liability to pay as a result of the EDB having purchased transmission assets from Transpower must be calculated in accordance with Schedule 5E;
 - (f) the Transmission Asset Wash-up Adjustment is specified in Schedule 5F;
 - (g) the forecast operating expenditure, forecast value of commissioned assets, and retention factor used for purposes of calculating the Opex Incentive Amount and Capex Incentive Amount are specified in Schedule 5G; and
 - (h) any Extended Reserves Allowance must be approved in accordance with Schedule 5H.

Schedule 5A: Approval of Energy Efficiency and Demand Side Management Incentive Allowances

1. A Non-exempt EDBs may, no later than 70 Working Days following the end of the Assessment Period, submit an application for approval of an allowance for foregone revenue attributable to energy efficiency or demand side management initiatives, projects, or activities undertaken—
 - (a) by or on behalf of the Non-exempt EDB, either independently or in conjunction with any other persons (including generators, retailers, and Consumers); and
 - (b) with the purpose and intent of reducing the costs of providing Electricity Distribution Services by altering the pattern of consumption of energy, the source of energy, or the use of the EDB's distribution system,

but excluding any activities that are primarily tariff-based.
2. The application for approval must include:
 - (a) a detailed description of the energy efficiency or demand side management initiative, program, or activity for which the EDB seeks an Energy Efficiency and Demand Side Management Incentive Allowance;
 - (b) reasonable estimates of the actual foregone Quantities arising in the Assessment Period from each energy efficiency or demand side management initiative, program, or activity, as well as the data, calculations, and assumptions used to derive the estimate;
 - (c) a statement identifying other factors that may have materially contributed to the foregone Quantities and reasonable estimates of their impact;
 - (d) the Price(s) that applied to the foregone Quantities during the Assessment Period; and
 - (e) an estimate of foregone revenue directly attributable to the energy efficiency or demand side management initiative, program, or activity.
3. The Commission may request additional information, independent evidence, director certificates, or audit statements relating to the information provided in the application or to the attribution of foregone revenue to the initiative, program, or activity.
4. The Commission may approve, by notice in writing to the Non-exempt EDB, an amount, as determined by the Commission, equal to the foregone revenue in the Assessment Period and adjusted for the time-value of money using the Cost of Debt.

5. The amount approved by the Commission is an 'energy efficiency and demand side management incentive allowance' Recoverable Cost under subclause 3.1.3(1)(m) of the IM Determination in the Assessment Period following its approval.

Schedule 5B: How to calculate the Quality Incentive Adjustment

1. The Quality Incentive Adjustment must be calculated by the Non-exempt EDB within 50 Working Days following the expiration of the Assessment Period in accordance with paragraph 4, adjusted for the time-value of money using the Cost of Debt, and is a Recoverable Cost in the Assessment Period following that in which it was calculated.
2. The SAIDI Target, SAIDI Collar, and SAIDI Cap for each Non-exempt EDB during the Regulatory Period 1 April 2015 to 31 March 2020, subject to Schedule 4B, are as set out in Table 5B.1.

Table 5B.1: SAIDI quality incentive measures for the Regulatory Period 1 April 2015 – 31 March 2020

Non-exempt EDB	SAIDI Target	SAIDI Collar	SAIDI Cap
Alpine Energy Limited	132.8088	111.4627	154.1549
Aurora Energy Limited	74.4633	65.5614	83.3652
Centralines Limited	119.0718	98.7960	139.3477
Eastland Network Limited	242.1494	210.2241	274.0746
Electricity Ashburton Limited	132.8466	114.6501	151.0431
Electricity Invercargill Limited	24.0759	17.0250	31.1267
Horizon Energy Distribution Limited	150.1240	124.4211	175.8269
Nelson Electricity Limited	16.2056	10.1810	22.2302
Network Tasman Limited	112.4781	95.1376	129.8185
Orion New Zealand Limited	73.4	73.4	73.4
OtagoNet Joint Venture	224.5773	194.2394	254.9153
Powerco Limited	188.8628	167.0966	210.6290
The Lines Company Limited	208.7747	183.3679	234.1815
Top Energy Limited	435.4607	354.2460	516.6753
Unison Networks Limited	99.1371	88.1075	110.1668
Vector Limited	96.0364	87.8999	104.1728
Wellington Electricity Lines Limited	35.4358	30.2414	40.6302

3. The SAIFI Target, SAIFI Collar, and SAIFI Cap for each Non-exempt EDB during the Regulatory Period 1 April 2015 to 31 March 2020, subject to Schedule 4B, are as set out in Table 5B.2.

Table 5B.2: SAIFI quality incentive measures for the Regulatory Period 1 April 2015 – 31 March 2020

Non-exempt EDB	SAIFI Target	SAIFI Collar	SAIFI Cap
Alpine Energy Limited	1.2973	1.0874	1.5071
Aurora Energy Limited	1.2947	1.1425	1.4469
Centralines Limited	3.5214	2.8397	4.2030
Eastland Network Limited	3.0855	2.6416	3.5293
Electricity Ashburton Limited	1.3870	1.1625	1.6116
Electricity Invercargill Limited	0.5935	0.4153	0.7717
Horizon Energy Distribution Limited	1.9228	1.6306	2.2149
Nelson Electricity Limited	0.1751	0.1091	0.2411
Network Tasman Limited	1.2298	1.0381	1.4216
Orion New Zealand Limited	0.87	0.87	0.87
OtagoNet Joint Venture	2.5239	2.1204	2.9273
Powerco Limited	2.3406	2.1615	2.5197
The Lines Company Limited	3.0707	2.6748	3.4667
Top Energy Limited	5.4359	4.6240	6.2478
Unison Networks Limited	1.9416	1.7373	2.1459
Vector Limited	1.2914	1.1874	1.3954
Wellington Electricity Lines Limited	0.5465	0.4682	0.6248

4. The Quality Incentive Adjustment is calculated in accordance with the following formula–

$$S_{TOTAL} = S_{SAIDI} + S_{SAIFI}$$

where–

S_{TOTAL} is the Quality Incentive Adjustment applicable as a Recoverable Cost;

S_{SAIDI} is the amount calculated in accordance with paragraph 5; and

S_{SAIFI} is the amount calculated in accordance with paragraph 7.

5. For the purposes of paragraph 4–

(a) S_{SAIDI} is the amount, subject to subparagraph (b), calculated in accordance with the following formula –

$$S_{SAIDI} = SAIDI_{IR} \times (SAIDI_{target} - SAIDI_{assess})$$

where–

- $SAIDI_{IR}$ is the amount calculated in accordance with paragraph 6;
- $SAIDI_{target}$ is the SAIDI Target specified for the Non-exempt EDB for the Regulatory Period, subject to Schedule 4B; and
- $SAIDI_{assess}$ is the SAIDI Assessed Value for the Assessment Period, calculated in accordance with Schedule 4A, subject to subclause (b).

(b) Where $SAIDI_{assess}$ is –

- (i) greater than the $SAIDI_{cap}$, $SAIDI_{assess}$ equals the $SAIDI_{cap}$;
- (ii) less than the $SAIDI_{collar}$, $SAIDI_{assess}$ equals the $SAIDI_{collar}$.

6. For the purposes of paragraph 5, ‘ $SAIDI_{IR}$ ’ is the amount calculated in accordance with the following formula –

$$SAIDI_{IR} = \frac{0.5 \times REV_{RISK}}{SAIDI_{cap} - SAIDI_{target}}$$

where–

- $SAIDI_{cap}$ is the SAIDI Cap specified for the Non-exempt EDB for the Regulatory Period, subject to Schedule 4B;
- $SAIDI_{target}$ is the SAIDI Target specified for the Non-exempt EDB for the Regulatory Period, subject to Schedule 4B; and
- REV_{RISK} is –
- (a) subject to (b), 1% of the maximum allowable revenue for the Non-exempt EDB specified in Schedule 1; and
- (b) for Orion in the Assessment Period ending 31 March 2020, nil.

7. For the purposes of paragraph 4–

- (a) S_{SAIFI} is the amount, subject to subparagraph (b), calculated in accordance with the following formula –

$$S_{SAIFI} = SAIFI_{IR} \times (SAIFI_{target} - SAIFI_{assess})$$

where-

- $SAIFI_{IR}$ is the amount calculated in accordance with paragraph 8;
- $SAIFI_{target}$ is the SAIFI Target specified for the Non-exempt EDB for the Regulatory Period, subject to Schedule 4B; and
- $SAIFI_{assess}$ is the SAIFI Assessed Value for the Assessment Period, calculated in accordance with Schedule 4A, subject to subclause (b).

- (b) Where $SAIFI_{assess}$ is –

- (i) greater than the $SAIFI_{cap}$, $SAIFI_{assess}$ equals the $SAIFI_{cap}$;
- (ii) less than the $SAIFI_{collar}$, $SAIFI_{assess}$ equals the $SAIFI_{collar}$.

8. For the purposes of paragraph 7, ‘ $SAIFI_{IR}$ ’ is the amount calculated in accordance with the following formula –

$$SAIFI_{IR} = \frac{0.5 \times REV_{RISK}}{SAIFI_{cap} - SAIFI_{target}}$$

where-

- $SAIFI_{cap}$ is the SAIFI Cap specified for the Non-exempt EDB for the Regulatory Period, subject to Schedule 4B;
- $SAIFI_{target}$ is the SAIFI Target specified for the Non-exempt EDB for the Regulatory Period, subject to Schedule 4B; and
- REV_{RISK} is –
- (a) subject to (b), 1% of the maximum allowable revenue for the Non-exempt EDB specified in Schedule 1; and
- (b) for Orion in the Assessment Period ending 31 March 2020, nil.

Schedule 5C: Claw-back

1. The amount of claw-back applying to a Non-exempt EDB for the Regulatory Period 1 April 2015 to 31 March 2020, and the Assessment Period in which it is a Recoverable Cost under clause 3.1.3(1)(g) of the IM Determination, are set out in Table 5C.1.

**Table 5C.1: Claw-back amounts to be applied by specified
Non-exempt EDBs in each Assessment Period**

(All amounts in \$000)

Non-exempt EDB	Assessment Period				
	2015/16	2016/17	2017/18	2018/19	2019/20
Alpine Energy Limited	2,408	2,555	2,710	2,875	3,050
Centralines Limited	397	422	447	474	503
Top Energy Limited	1,554	1,649	1,749	1,855	1,968
Unison Networks Limited	2,009	2,132	2,262	2,399	2,545

Schedule 5D: NPV Wash-up Allowances

1. The 2013-15 NPV Wash-up Allowance for a Non-exempt EDB for the Regulatory Period 1 April 2015 to 31 March 2020, and the Assessment Period in which it is a Recoverable Cost, are set out in Table 5D.1.

**Table 5D.1: 2013-15 NPV Wash-up Allowances to be applied
by specified Non-exempt EDBs in each Assessment Period**

(All amounts in \$000)

Non-exempt EDB	Assessment Period				
	2015/16	2016/17	2017/18	2018/19	2019/20
Alpine Energy Limited	2,576	2,733	2,899	3,076	3,263
Centralines Limited	231	245	259	275	292
Top Energy Limited	578	614	651	691	733

Schedule 5E: Avoided transmission charges

1. For the purposes of calculating a Recoverable Cost under clause 3.1.3(1)(e) of the IM Determination, the amount of charge described in paragraph 3.1.3(1)(b) of the IM Determination that a Non-exempt EDB has avoided liability to pay as a result of the EDB having purchased System Fixed Assets from Transpower is—
 - (a) for a purchase prior to 1 April 2015, for each of the five Assessment Periods immediately following the Assessment Period in which the purchase of the System Fixed Assets from Transpower occurs —
 - (i) the amount that would have been charged by Transpower for the use of the System Fixed Assets transferred to the Non-exempt EDB as specified in a pricing schedule determined by Transpower for the year immediately preceding the Assessment Period in which the charge was first recovered, or
 - (ii) the amount determined in accordance with (i) adjusted using a method consistent with the Transmission Pricing Methodology; or
 - (b) for a purchase made on or after 1 April 2015 —
 - (i) in the first Assessment Period following the purchase of the System Fixed Assets from Transpower, the difference, as calculated by Transpower in accordance with the Transmission Pricing Methodology, between the costs of transmission payable to Transpower for the first full Assessment Period following the transfer of the System Fixed Assets and the costs of transmission that would have been payable to Transpower for the Assessment Period in question had the transfer of System Fixed Assets not occurred; and
 - (ii) in each of the four following Assessment Periods after the first Assessment Period for which an amount is calculated, the amount calculated in accordance with (i), in constant nominal terms.

Schedule 5F: Transmission Asset Wash-up Adjustments

1. The Transmission Asset Wash-up Adjustment for Eastland Network Limited for the Regulatory Period 1 April 2015 to 31 March 2020, and the transmission assets forecast to be purchased in the period 1 April 2014 to 31 March 2015 to which the amount relates, is set out in Table 5F.1.

Table 5F.1: Transmission Asset Wash-up for Eastland Network Limited

(Amounts in \$000)

Asset	Transmission Asset Wash-up Adjustment
Eastland Spur Asset 1	-3,302

where the Eastland Spur Asset 1 consists of the following assets: Transmission Line GIS-TUI-A, Transmission Line GIS-TOB-A, Transmission Line TUI-WRA-A, and any associated substation assets.

2. The Transmission Asset Wash-up Adjustment for Network Tasman Limited for the Regulatory Period 1 April 2015 to 31 March 2020, and the transmission assets forecast to be purchased in the period 1 April 2014 to 31 March 2015 to which the amount relates, is set out in Table 5F.2.

Table 5F.2: Transmission Asset Wash-up for Network Tasman Limited

(Amounts in \$000)

Asset	Transmission Asset Wash-up Adjustment
Network Tasman Spur Asset 1	-595

where the Network Tasman Spur Asset 1 consists of the following assets: Motueka Substation, Upper Takaka Substation, Cobb Substation, Upper Takaka_Motupipi 66kV Line (1), Stoke Upper Takaka Lines (2), Cobb_Upper Takaka Lines (2).

Schedule 5G: Specified amounts for the incremental rolling incentive scheme

- For the purposes of calculating the Opex Incentive Amount for each Non-exempt EDB for the Regulatory Period 1 April 2015 to 31 March 2020, the forecast operating expenditure, and the Assessment Period to which it applies, is as set out in Table 5G.1.

Table 5G.1: Forecast operating expenditure for Non-exempt EDBs for the Regulatory Period 1 April 2015 – 31 March 2020

(All amounts in \$000)

Non-exempt EDB	Assessment Period				
	2015/16	2016/17	2017/18	2018/19	2019/20
Alpine Energy Limited	14,722	15,182	15,599	16,026	16,402
Aurora Energy Limited	22,067	22,846	23,565	24,305	24,971
Centralines Limited	4,488	4,620	4,739	4,859	4,964
Eastland Network Limited	8,101	8,341	8,557	8,778	8,970
Electricity Ashburton Limited	8,561	8,857	9,128	9,407	9,657
Electricity Invercargill Limited	5,444	5,610	5,759	5,911	6,045
Horizon Energy Distribution Limited	7,781	7,995	8,184	8,378	8,543
Nelson Electricity Limited	2,463	2,550	2,631	2,714	2,789
Network Tasman Limited	9,144	9,458	9,746	10,042	10,307
OtagoNet Joint Venture	7,457	7,695	7,911	8,133	8,329
Powerco Limited	70,948	73,329	75,508	77,745	79,741
The Lines Company Limited	10,711	10,978	11,209	11,445	11,640
Top Energy Limited	13,595	14,046	14,458	14,881	15,257

Unison Networks Limited	35,854	36,996	38,033	39,095	40,032
Vector Limited	108,577	113,033	117,234	121,582	125,607
Wellington Electricity Lines Limited	30,899	31,950	32,914	33,903	34,789

2. For the purposes of calculating the Capex Incentive Amount for each Non-exempt EDB for the Regulatory Period 1 April 2015 to 31 March 2020, the forecast aggregate value of commissioned assets, and the Assessment Period to which it applies, is as set out in Table 5G.2.

Table 5G.2: Forecast aggregate value of commissioned assets for Non-exempt EDBs for the Regulatory Period 1 April 2015 – 31 March 2020

(All amounts in \$000)

Non-exempt EDB	Assessment Period				
	2015/16	2016/17	2017/18	2018/19	2019/20
Alpine Energy Limited	9,564	9,434	10,827	8,006	8,896
Aurora Energy Limited	26,256	16,971	15,874	17,294	13,134
Centralines Limited	3,367	3,008	3,224	3,017	2,820
Eastland Network Limited	9,893	14,593	8,224	6,679	7,139
Electricity Ashburton Limited	16,034	23,358	18,900	18,319	13,076
Electricity Invercargill Limited	5,476	3,338	2,897	2,149	3,078
Horizon Energy Distribution Limited	8,231	7,417	6,975	6,499	6,682
Nelson Electricity Limited	824	1,019	1,490	1,595	1,952
Network Tasman Limited	6,793	8,525	10,739	7,354	6,713
OtagoNet Joint Venture	11,239	9,728	10,574	10,735	10,546

Powerco Limited	94,625	100,364	115,022	114,442	121,832
The Lines Company Limited	14,358	9,993	10,050	9,639	11,322
Top Energy Limited	17,152	20,556	17,830	16,338	18,444
Unison Networks Limited	47,735	38,522	37,411	37,365	34,263
Vector Limited	150,980	156,693	160,729	166,664	162,527
Wellington Electricity Lines Limited	27,257	28,408	34,853	31,197	31,209

3. For the purposes of calculating the Capex Incentive Amount for each Non-exempt EDB for the Regulatory Period 1 April 2015 to 31 March 2020, the retention factor is 15%.

Schedule 5H: Approval of Extended Reserves Allowances

1. A Non-exempt EDB must, no later than 70 Working Days following the end of an Assessment Period, submit an application for approval of an Extended Reserves Allowance if any amounts were incurred or received in that Assessment Period in accordance with any requirements in the Electricity Industry Participation Code 2010 relating to extended reserves.
2. The application for approval must include:
 - (a) all compensation payments made by the Non-exempt EDB in the Assessment Period in accordance with any requirements in the Electricity Industry Participation Code 2010 relating to extended reserves;
 - (b) all compensation payments and revenue received by the Non-exempt EDB in the Assessment Period in accordance with any requirements in the Electricity Industry Participation Code 2010 relating to extended reserves;
 - (c) an estimate of the compensation payments and revenue received by the Non-exempt EDB in the Assessment Period in accordance with any requirements in the Electricity Industry Participation Code 2010 relating to extended reserves that should be associated with Unregulated Services, along with reasons for such treatment; and
 - (d) any other explanatory material or supporting information reasonably necessary to demonstrate costs incurred and amounts payable or receivable in accordance with any requirements in the Electricity Industry Participation Code 2010 relating to extended reserves.
3. The Commission may request additional information, independent evidence, Director certificates, or audit statements relating to the information provided in the application.
4. The Commission may approve by notice in writing to the Non-exempt EDB, subject to clause 3.1.3(7) of the IM Determination, an allowance for costs incurred and amounts payable, or for amounts receivable, under any extended reserves regulations made under the Electricity Industry Act 2010, as determined by the Commission.
5. The amount approved by the Commission is an 'extended reserves allowance' Recoverable Cost under subclause 3.1.3(1)(o) of the IM Determination in the Assessment Period to which the application relates.

Schedule 6: Form of Director's Certificate

I/We, [*insert full name/s*], being director/s of [*insert name of Non-exempt EDB*] certify that, having made all reasonable enquiry, to the best of my/our knowledge and belief, the attached Annual Compliance Statement of [*name of Non-exempt EDB*], and related information, prepared for the purposes of the *Electricity Distribution Services Default Price-Quality Path Determination 2015* are true and accurate **[except in the following respects]*.

**[insert description of non-compliance]*

[Signatures of Directors]

[Date]

*Delete if inapplicable.

Note: Section 103(2) of the Commerce Act 1986 provides that no person shall attempt to deceive or knowingly mislead the Commission in relation to any matter before it. It is an offence to contravene section 103(2) and any person who does so is liable on summary conviction to a fine not exceeding \$10,000 in the case of an individual or \$30,000 in the case of a body corporate.

Schedule 7: Independent Auditor's report on Annual Compliance Statement

Each Non-exempt EDB must procure an assurance report by an Independent Auditor in respect of the Annual Compliance Statement that is prepared in accordance with Standard on Assurance Engagements 3100 – Compliance Engagements (SAE 3100) and International Standard on Assurance Engagements (New Zealand) 3000 (ISAE (NZ) 3000) or their successor standards, signed by the Independent Auditor (either in his or her own name or that of his or her firm), and that-

- (a) is addressed to the Directors of the Non-exempt EDB and to the Commission as the intended users of the assurance report;
- (b) states–
 - (i) that it has been prepared in accordance with Standard on Assurance Engagements 3100 – Compliance Engagements (SAE 3100) and International Standard on Assurance Engagements (New Zealand) 3000 (ISAE (NZ) 3000) or their successor standards;
 - (ii) the work done by the Independent Auditor;
 - (iii) the scope and limitations of the assurance engagement;
 - (iv) the existence of any relationship (other than that of auditor) which the Independent Auditor has with, or any interests which the Independent Auditor has in, the Non-exempt EDB or any of its subsidiaries;
 - (v) whether the Independent Auditor has obtained sufficient recorded evidence and explanations that he or she required and, if not, the information and explanations not obtained; and
 - (vi) whether, in the Independent Auditor's opinion, as far as appears from an examination, the information used in the preparation of the Annual Compliance Statement has been properly extracted from the Non-exempt EDB's accounting and other records, sourced from its financial and non-financial systems; and
- (c) states whether (and, if not, the respects in which it has not), in the Independent Auditor's opinion, the Non-exempt EDB has complied, in all material respects, with the *Electricity Distribution Services Default Price-Quality Path Determination 2015* in preparing the Annual Compliance Statement.