Default Price-Quality Path Compliance

Wellington Electricity Lines Limited

Annual Compliance Statement

13 June 2016

Contents

1. Introduction

Clause 11.2(a) of the *Electricity Distribution Services Default Price-Quality Path Determination 2015* (**2015 DPP Determination**) requires that all non-exempt electricity distribution businesses (**EDB's**) provide a written statement that confirms whether or not they have complied with the following aspects of the 2015 DPP Determination for the relevant assessment period:

- The price path as per clause 8 of the 2015 DPP Determination; and
- The quality standards as per clause 9 of the 2015 DPP Determination.

This statement is Wellington Electricity Lines Limited (**WELL**) Annual Compliance Statement (**the Statement**) for the first assessment period ended 31 March 2016.

Attachment 1 of this Statement provides the Auditor's report relating to this Statement as required by clause 11.3(b) of the 2015 DPP Determination. WELL confirms that the form of the Auditor's report is consistent with the form specified in Schedule 7 of the 2015 DPP Determination.

Attachment 2 of this Statement contains the Director's certificate signed by one director of WELL, as required by clause 11.3(a) of the 2015 DPP Determination. This certificate certifies that the information contained in this Statement is true and accurate. The attached Directors certificate is in the form required by Schedule 6 of the 2015 DPP Determination.

1.1. Compliance with 2015 DPP Determination's price – quality requirements

This Statement is made in accordance with the requirements of clause 11.1 of the 2015 DPP Determination and includes our compliance with the price path in clause 8 and the quality standards in clause 9.

In respect of the Assessment Period ended on the Assessment Date 31 March 2016, WELL confirms it has complied with the price path in clause 8. WELL confirms it has complied with the quality path in clause 9.

This Statement includes information relating to:

Price path compliance

- the amount of allowable notional revenue, the amount of notional revenue, distribution prices, quantities, units of measurement associated with all numeric data, and other relevant data, information, and calculations;
- the Price and the proportions of that Price that are Pass-through Prices and the portion of that price that are Distribution Prices;
- The methodology used to calculate Distribution Prices and Pass-through Prices, along with information clearly identifying the portion of Pass-through Prices attributed to –

  a) Pass-through Costs and Recoverable costs for the Assessment Period in question, and
  b) Any under or over-recovery of Pass-through Costs and Recoverable Costs from a prior Assessment Period, as reflected by the Pass-through Balance;
- 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;
- 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;
- evidence of the amount of charge relating to any new investment contract entered into the Assessment Period consistent with clause 3.1.3(1)(c) of the Electricity Distribution Services Input Methodologies Determination 2012 (**IM determination**), which need not be publicly disclosed under 11.1(c);

- The amount of any Pass-through Costs and Recoverable Costs (actual or forecast) used to set Pass-through Costs and Recoverable Costs;
- 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 or recoverable Costs; and
- A reconciliation between the Pass-through Balance for the Assessment period with the Pass-through Balance for the preceding Assessment Period.

Quality standards compliance

- 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 of the 2015 DPP Determination and annual reliability assessments for the two previous Assessment Periods; and
- A description of policies and procedures which WELL has used for capturing and recording Interruptions and for calculating SAIDI and SAIFI Assessed Values for the Assessment Period.

1.2. Disclaimer

The information contained in the Statement has been prepared for the express purpose of complying with the requirements of clause 11 of the 2015 DPP Determination. The Statement has not been prepared for any other purpose. WELL expressly disclaims any liability to any other party who may rely on the Statement for any other purpose.

Representations in this Statement made by WELL relate solely to the services offered on the electricity distribution network in the Wellington region.

1.3. Rounding

For presentation purposes some numbers in this document have been rounded. In most cases calculations are based on more detailed numbers (i.e. to more decimal places than shown in this document). This may cause small discrepancies or rounding inconsistencies when aggregating some of the information presented in this document. These discrepancies do not affect the overall compliance calculations which have been based on the more detailed information.

2. Price Path Compliance

This section of the Statement provides information on WELL's compliance with the price path for the Assessment Period ended 31 March 2016. Clauses 11.1(a) and 11.4 of the 2015 DPP Determination require WELL to:

- Provide a written statement that states whether or not the Non-Exempt EDB has complied with the price path in clause 8; and
- Provide sufficient information to support the compliance or non-compliance.

WELL notes that Tables contained in this Section of the Statement are aggregates of the detail provided in Attachment 3 and Attachment 5. The table under Attachment 3 reflects the distribution price multiplied by the appropriate quantity for each distribution pricing category and the table under Attachment 5 reflects the Pass-through price multiplied by the appropriate quantity for each Pass-through pricing category.

2.1. Price path compliance as at 31 March 2016

In order to demonstrate compliance with the price path, WELL is required to demonstrate that its Notional Revenue for the Assessment Period has not exceeded the Allowable Notional Revenue for the Assessment Period.

As demonstrated by Table 1 below, Notional Revenue (NR_{2016}) is less than Allowable Notional Revenue (ANR_{2016}) by an amount of $14,249. WELL has therefore complied with the price path calculated in accordance with clause 8.3 of the 2015 DPP Determination for the disclosure year ended 31 March 2016.

Determination Requirement	Notional revenue (NR) should not exceed the allowable notional revenue (ANR)
Compliance Formula	*NR ≤ ANR*
WELL Result	97,898,238 ≤ 97,912,487

Table 1: Price path compliance

The summary calculation of NR_{2016} is provided in

WELL's notional revenue, $NR_{2016} = \Sigma P_{i,2016} Q_{i,2014}$	
Calculation Components	**Amount ($)**
$DP_{i,2016}$ – is the i^{th} Distribution Price during any part of the Assessment Period 1 April 2015 to 31 March 2016 $Q_{i,2014}$ – is the Quantity corresponding to the i^{th} Distribution Price for Pricing Period 1 April 2013 to 31 March 2014	97,898,238
Total notional revenue for assessment period ending 31 March 2016	**97,898,238**

Table 2: WELL's notional revenue NR_{2016}

WELL's allowable notional revenue, $ANR_t = \frac{MAR_t}{\Delta D}$	
Calculation Components	**Amount ($)**
MAR_t	98,788,000
ΔD	1.0089
Total allowable notional revenue for assessment period ending 31 March 2016	**97,912,487**

Table 3: WELL's allowable notional revenue ANR_{2016}

2.2. Pass-through and Recoverable Costs

Clause 11.4(j) requires WELL to provide differences between the amounts of Pass-through or Recoverable costs used to set Prices and the actual amounts of those Pass-through Costs and Recoverable costs. Table 4 below provides the breakdown of forecast and actual Pass-Through and Recoverable Costs incurred by WELL during the Assessment Period.

Description	Year to 31 March 2016 $000 Actual	Year to 31 March 2016 $000 Forecast	Variance $000
Pass-through costs			
Council Rates	2,539	2,555	-16
Commerce Commission Levies	189	293	-104
Electricity Authority Levies	409	508	-99
Electricity and Gas Complaints Commissioner Levies	78	66	12
Total pass-through costs	**3,215**	**3,422**	**-207**
Recoverable costs			
Electricity Lines Service Charge payable to Transpower	61,510	61,519	-9
Transpower New Investment Contract Charge	1,212	1,352	-140
Avoided Transmission Charges	1,346	144	1,202
Total recoverable costs	**64,068**	**63,015**	**1,053**
Total pass-through and recoverable costs	**67,283**	**66,437**	**846**

Table 4: Comparison of WELL's actual and forecast Pass-through and Recoverable Costs

With the exception for avoided transmission charges where WELL incurred a new charge in 2015/16 period, the overall variance between WELL's actual and forecast Pass-through and Recoverable Costs for the current Assessment Period is due to the minor "business as usual" variability, in relation to:

- Council Rates: are the total cost of council rates charged to WELL by local authorities for the year ended 31 March 2016;
- Commerce Commission Levies: are charged to WELL by the Ministry of Business Innovation and Employment under the *Commerce (Levy on Suppliers of Regulated Goods and Services) Regulations 2009* for the year ended 31 March 2016;
- Electricity Authority's Levies: include all applicable components (Common Quality, Registry and Consumer, Transmission, Other Activities and MACQS Reform invoice lines) charged to WELL by the Electricity Authority under the *Electricity Industry (Levy of Industry Participants) Regulations 2010* for the year ended 31 March 2016;
- Electricity and Gas Complaints Commissioner (**EGCC**) Levies: are charged to WELL by the EGCC for the complaint resolution process.
- Electricity Lines Service Charge and New Investment Charge: reflect the total charges paid by WELL to Transpower for the year ended 31 March 2016. These charges are determined in

accordance with the Transmission Pricing Methodology set out in the *Electricity Industry Participation Code 2010*;

- Avoided Transmission Charges: are payments made to generators connected to the distribution system that cause transmission charges to be avoided.

2.3. Pass-through balance

In each assessment period, WELL must calculate a Pass-through Balance in accordance with the formula -

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

The summary calculation of PTB_{2016} is provided in Table 5.

$PTB_{2016} = \sum_i PTP_{i,2016} Q_{i,2016} - K_{2016} - V_{2016} + PTB_{2015}(1 + r)$	
Calculation Components	**Amount ($)**
$\sum_i PTP_{i,2016} Q_{i,2016}$- *the sum of the i[th] Pass-through price during any part of the Assessment period 1 April 2015 to 31 March 2016 multiplied by the corresponding base quantities for the pricing period 1 April 2015 to 31 March 2016*	**68,888,596**
K_{2016}- *the sum of all Pass-through costs for pricing period 1 April 2015 to 31 March 2016*	**3,215,384**
V_{2016}- *the sum of all Recoverable costs for pricing period 1 April 2015 to 31 March 2016*	**64,067,658**
$PTB_{t-1}(1 + r)$ – *since this is the first assessment period, the pass-through balance is nil*	**0**
Pass-through balance for period ending 31 March 2016	**1,605,553**

Table 5: WELL's Pass-through balance PTB_{2016}

WELL has over recovered the pass-through costs by $1.6m, which is made up of an:

- over recovery of $2.5m attributed to under forecast of volumes due to the colder than usual winter;
- over recovery of $0.2m attributed to over forecast of Commerce Commission fees and EA levies; offset by an
- under recovery of recoverable costs of $1.1m mainly due to under forecast of avoided transmission charges.

The $1.6m over recovery will be passed back to customers in the 2016/17 regulatory year.

2.4. Price setting for 2015/16

As a regulated electricity distributor, WELL is governed by the Commerce Act 1986 and is therefore subjected to a "default price-quality path" set by the Commerce Commission. In 2014 the Commerce Commission reset the default price-quality path applying for the period from 1 April 2015 to 31 March 2020. The 2015/16 year is the first year of the new price-quality path and hence a 'starting price adjustment' applies.

WELL network line prices contain distribution and pass-through prices. Pass-through prices comprise approximately 5 per cent pass-through costs and 95 per cent recoverable costs. These prices are included in Attachment 4.

The methodology used to calculate WELL's distribution and pass-through prices is set out in WELL's 2015/16 Pricing Methodology Disclosure document. This document is on WELL's website - http://www.welectricity.co.nz/disclosures/pricing/2015-pricing/.

2.5. Price restructures

WELL confirms that it has not restructured its prices that applied during the Assessment Period that ended on the Assessment Date 31 March 2016.

2.6. Transactions involving non-exempt EDBs

WELL confirms that there have been no transactions resulting in:

- an amalgamation or merger; and
- consumers being supplied by a different EDB.

2.7. Transmission assets

WELL has not received a transfer of transmission assets from Transpower that became System Fixed Assets, or transferred System Fixed Assets to Transpower in the Assessment Period.

3. Quality Standards

3.1. Quality standards assessment as at 31 March 2016

This section of the Statement provides information on WELL's compliance with the quality standards under clause 9 of the 2015 DPP Determination for the Assessment Period ended 31 March 2016.

3.2. Assessed Values and Reliability Limits

Clause 9.1 of the 2015 DPP Determination requires WELL to demonstrate that for the Assessment Period it:

- Complies with the annual reliability assessment specified in clause 9.2 of the 2015 DPP Determination; or
- Has complied with the annual reliability assessments in each of the two preceding assessment periods.

Table 6 below shows that for the current Assessment Period WELL has complied with the reliability limits for SAIDI and SAIFI as outlined in clause 9.2 of the 2015 DPP Determination.

Requirement	Assessment	Limit	Assessment/Limit	Variance
SAIDI	30.097	40.630	0.741	-10.533
SAIFI	0.525	0.625	0.840	-0.100

Table 6: WELL's reliability performance for the current Assessment Period

Further detailed calculations in relation to the assessment in Table 6 are provided in Attachment 7 of this Statement.

3.3. Policies and procedures used for recording SAIDI and SAIFI statistics

Clause 11.5(e) of the 2015 DPP Determination requires WELL to describe the policies and procedures which it has used to record the SAIDI and SAIFI statistics for the Assessment Period.

WELL submits that the primary control system used to record the SAIDI and SAIFI statistics for the Assessment Period is the ENMAC SCADA system (the **system**). The system provides information about major devices operating on the network (e.g. circuit breaker status) and can normally be remotely controlled (e.g. open or close the circuit breaker). In addition, other devices on the network including fuses, manual switches and some circuit breakers are represented in the system. Although these devices are operated in the field manually, their status (e.g. open or closed) is updated in the system by the network controller at the time of manual field operation. In particular, the system records:

- All planned and unplanned outages of 11 kV and greater;
- All unplanned outages less than one minute in duration (including successful auto-reclose events), however, the SAIDI and SAIFI details are not counted; and
- Outages using manual logs, system and manual data entered in the Reliability Report Sheet.

The system includes a database that stores the outage information, as well as being a live system. The recording of outage information undergoes a process of manual validation by the Control Room Manager and the Asset Engineer to ensure the correctness of the data before being entered in the Reliability Report Sheet.

The current procedure that is followed to capture network performance information for planned and unplanned outages is shown in Figure 1 below and described in section 3.3.1:

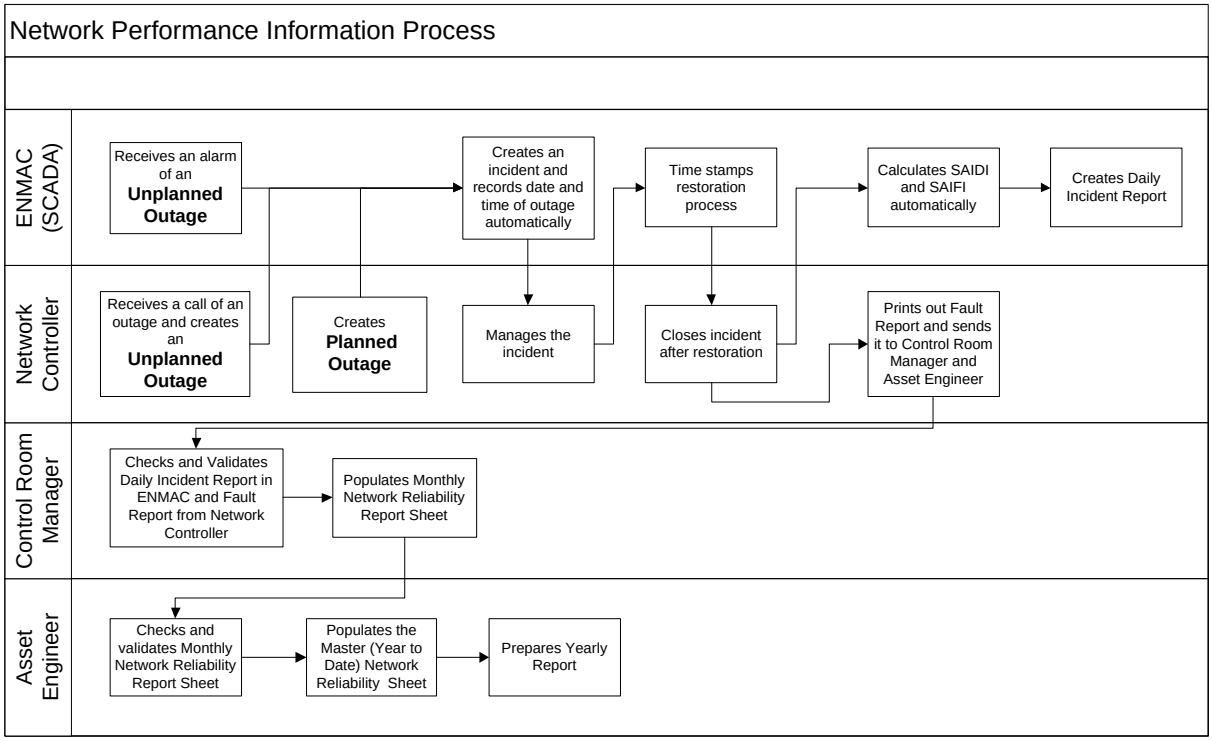

Figure 1: Summary of process for capturing network outage information

3.3.1 Process for outage data capture

For unplanned outages, the initial indication is provided by the system and the fault is time stamped, along with subsequent switching operations. Where the outage relates to a non-system indicating device, such as a drop-out fuse, the outage is recorded from the time the faultman confirms on site that it is an HV fault, then subsequent switching operations are completed on the system (as a system mimic) and are time stamped. Where the fault is notified by a customer reporting no power, and is then subsequently found to be an HV fault, the start time is taken from the time of the first phone call notification. In some cases, there is no means to confirm the time the fault actually occurred until it is notified to WELL or discovered in the field.

The system automatically creates an incident when a telemetered device is opened due to a fault. The fault is automatically recorded by the system to keep details of the switching procedure which includes the time of switching operations. The total number of customers is included in the system's database and the system calculates the SAIDI and SAIFI statistics automatically.

After an outage is resolved, an outage report is generated by the system which the Control Room Manager validates with the notes of the Network Controllers. The information that is validated is as follows:

- Date outage started and ended;
- Time outage started and ended;
- Duration of outage;
- Number of customers impacted;
- Total customers minutes lost (based on switching operations);
- Total customer number (on network);
- SAIDI for outage;
- SAIFI for outage;

- Fault type; and
- Fault cause.

The data in system is reviewed for accuracy, particularly for non-system controlled devices where the incident is generated by the Network Controller. There may be a short time delay between the action in the field occurring, and the time the system is updated (e.g. field device manually operated at 3.10pm, system updated at 3.12pm, but with an action entered timestamp of 3.10pm which was recorded in the manual switching log). Accuracy of this data is confirmed by the system timestamp.

The Control Room Manager confirms this by reviewing the system reports (generated automatically) with the fault report kept by the Network Controller to ensure the times are correctly recorded in the system, and where necessary make corrections.

Once confirmed as accurate, the final system individual event reports are compiled into a Monthly Network Reliability Report which is used for the monthly reporting of SAIDI and SAIFI indices. This report is sent to the Asset Engineer for final validation and is entered into a Master (Year to Date) Reliability Spreadsheet and is used for the reporting of yearly performance.

For planned outages, the proposed switching operations are entered into the system by the Network Controller prior to the event. During the event the system creates an incident and the Network Controller enters the time the operation occurred. Some planned works appear as outages, however due to LV back feeds or the use of generators there is no loss of supply. Whether the planned events result in an outage or not is validated by the Control Room Manager by confirming with the Network Control Room who refer to the job specific documents, before it is entered in the monthly reliability report sheet as an outage.

The records of planned and unplanned events occur automatically in the system. All data is provided directly from the system.

3.4. Major event days

WELL confirms that no Major Event Days occurred during the Assessment Period.

Deloitte.

Attachment 1: Auditor's Report

INDEPENDENT AUDITOR'S REPORT

TO THE DIRECTORS OF WELLINGTON ELECTRICITY LINES LIMITED AND THE COMMERCE COMMISSION

REPORT ON THE ANNUAL COMPLIANCE STATEMENT

We have been engaged by the Board of Directors of Wellington Electricity Lines Limited ('the Company') to conduct a reasonable assurance engagement to provide an opinion on whether sections 2 and 3 and the related attachments 3 to 9 of the Annual Compliance Statement for the assessment period ended 31 March 2016 ('the Annual Compliance Statement') of the Company have been prepared, in all material respects, in accordance with the Electricity Distribution Services Default Price-Quality Path Determination 2015 ('the Determination').

Board of Directors' Responsibilities

The Board of Directors is responsible for the preparation of the Annual Compliance Statement in accordance with the Determination, and for such internal control as the Board of Directors determine is necessary to enable the preparation of the Annual Compliance Statement that is free from material misstatement, whether due to fraud or error.

Auditor's Responsibilities

Our responsibility is to express an opinion on whether the Annual Compliance Statement has been prepared, in all material respects, in accordance with the Determination.

We conducted our engagement in accordance with the International Standard on Assurance Engagements (New Zealand) 3000: *Assurance Engagements Other Than Audits or Reviews of Historical Financial Information* and the Standard on Assurance Engagements 3100: *Compliance Engagements* issued by the External Reporting Board.

We have performed procedures to obtain evidence about the amounts and disclosures in the Annual Compliance Statement. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the Annual Compliance Statement, whether due to fraud or error or non-compliance with the Determination. In making those risk assessments, the auditor considers internal control relevant to the Company's preparation of the Annual Compliance Statement in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Inherent limitations

Because of the inherent limitations in evidence gathering procedures, it is possible that fraud, error or non-compliance may occur and not be detected. As the procedures performed for this engagement are not performed continuously throughout the compliance year and the procedures performed in respect of the Company's compliance with the Determination are undertaken on a test basis, our engagement cannot be relied on to detect all instances where the Company may not have complied with the Determination.

Our opinion has been formed on the above basis.

Deloitte.

Our Independence and Quality Control

We have complied with the independence and other ethical requirements of the Professional and Ethical Standard 1 (Revised): *Code of Ethics for Assurance Practitioners* issued by the New Zealand Auditing and Assurance Standards Board, which is founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behaviour
Other than in our capacity as auditor, we have no relationship with or interests in the Company.

We have complied with the Independent Auditor provisions specified in the Determination.

The firm applies Professional and Ethical Standard 3 (Amended): *Quality Control for Firms that Perform Audits and Reviews of Financial Statements, and Other Assurance Engagements* issued by the New Zealand Auditing and Assurance Standards Board, and accordingly maintains a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

Use of Report

This report is provided solely for your exclusive use and solely for the purpose of providing you with independent audit assurance whether the Annual Compliance Statement has been prepared, in all material respects, in accordance with the Determination. Our report is not to be used for any other purpose, recited or referred to in any document, copied or made available (in whole or in part) to any other person without our prior written express consent. We accept or assume no duty, responsibility or liability to any other party in connection with the report or this engagement, including without limitation, liability for negligence in relation to the opinion expressed in this report.

Opinion

We have obtained all the information and explanations we have required.

In our opinion:

- As far as appears from an examination of them, proper records to enable the complete and accurate compilation of the Annual Compliance Statement have been kept by the Company;
- As far as appears from an examination of the records, the information used in the preparation of the Annual Compliance Statement has been properly extracted from the Company's accounting and other records and has been sourced, where appropriate, from the Company's financial and non-financial systems; and
- The Annual Compliance Statement is prepared, in all material respects, in compliance with the Determination.

Deloitte

Chartered Accountants
8 June 2016
Wellington, New Zealand

This reasonable assurance report relates to the Annual Compliance Statement of Wellington Electricity Lines Limited for the year ended 31 March 2016 included on Wellington Electricity Lines Limited's website. The Board of Directors is responsible for the maintenance and integrity of the Company's website. We have not been engaged to report on the integrity of the Company's website. We accept no responsibility for any changes that may have occurred to the Annual Compliance Statement since they were initially presented on the website. The reasonable assurance report refers only to the Annual Compliance Statement named above. It does not provide an opinion on any other information which may have been hyperlinked to/from this Annual Compliance statement. If readers of this report are concerned with the inherent risks arising from electronic data communication they should refer to the published hard copy of the Annual Compliance Statement and related reasonable assurance report dated 8 June 2016 to confirm the information included in the Annual Compliance Statement presented on this website.

Attachment 2: Director's certificate

Form of Director's Certificate

We, Richard Pearson and Andrew Hunter, being directors of Wellington Electricity Lines Limited certify that, having made all reasonable enquiry, to the best of our knowledge and belief, the attached Annual Compliance Statement of Wellington Electricity Lines Limited, and related information, prepared for the purposes of the Electricity Distribution Services Default Price-Quality Path Determination 2015 are true and accurate.

Director

8 June 2016

Director

8 June 2016

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.

Attachment 3: Summary Notional Revenue

- For each price element the base quantity (number of end consumers or annual energy of all consumers) was retrieved from the appropriate information systems for the year ended 31 March 2014.
- Prices applicable for the Assessment Period have been taken from WELL's published price schedules.
- Base quantities were multiplied by the price applicable to determine the Notional Revenue for the Assessment Period.

Charge Type	2014 Code	Base Quantity (2013/14)	Base Q Unit	2015/16 Price	Price Unit	Notional Revenue 2015/16
Fixed	G001-FIXD	-	ICPs	0.0411	$/day	-
Variable	G001-24UC	3,474,896	kWh	0.0593	$/kWh	206,061
Fixed	G002-FIXD	16,615,332	ICPs	0.0411	$/day	682,890
Variable	G002-24UC	20,062,995	kWh	0.0593	$/kWh	1,189,736
Fixed	G100-FIXD	5,899,214	ICPs	0.1500	$/day	884,882
Variable	G100-24UC	106,388,372	kWh	0.0453	$/kWh	4,819,393
Variable	G100-NITE	1,771,110	kWh	0.0077	$/kWh	13,638
Fixed	G101-FIXD	1,873,271	ICPs	0.1500	$/day	280,991
Variable	G101-24UC	28,848,698	kWh	0.0453	$/kWh	1,306,846
Variable	G101-CTRL	10,156,464	kWh	0.0212	$/kWh	215,317
Variable	G101-NITE	602,410	kWh	0.0077	$/kWh	4,639
Fixed	G102-FIXD	23,837,555	ICPs	0.1500	$/day	3,575,633
Variable	G102-AICO	458,722,272	kWh	0.0355	$/kWh	16,284,641
Variable	G102-NITE	8,370,719	kWh	0.0077	$/kWh	64,455
Fixed	G103-FIXD	72,374	ICPs	0.1500	$/day	10,856
Variable	G103-24UC	2,453,659	kWh	0.0457	$/kWh	112,132
Fixed	G104-FIXD	4,023,888	ICPs	1.0000	$/day	4,023,888
Variable	G104-24UC	72,568,127	kWh	0.0326	$/kWh	2,365,721
Variable	G104-NITE	1,208,084	kWh	0.0073	$/kWh	8,819
Fixed	G105-FIXD	1,760,399	ICPs	1.0000	$/day	1,760,399
Variable	G105-24UC	27,110,461	kWh	0.0326	$/kWh	883,801
Variable	G105-CTRL	9,544,501	kWh	0.0110	$/kWh	104,990
Variable	G105-NITE	566,112	kWh	0.0073	$/kWh	4,133
Fixed	G106-FIXD	16,206,840	ICPs	1.0000	$/day	16,206,840
Variable	G106-AICO	311,879,235	kWh	0.0236	$/kWh	7,360,350
Variable	G106-NITE	5,691,142	kWh	0.0073	$/kWh	41,545
Fixed	G107-FIXD	173,099	ICPs	1.0000	$/day	173,099
Variable	G107-24UC	5,868,493	kWh	0.0338	$/kWh	198,355
Fixed	G108-FIXD	-	ICPs	0.1500	$/day	-
Variable	G108-24UC	-	kWh	0.0453	$/kWh	-
Variable	G108-CTRL	-	kWh	0.0212	$/kWh	-
Variable	G108-NITE	-	kWh	0.0073	$/kWh	-
Fixed	G109-FIXD	-	ICPs	1.0000	$/day	-
Variable	G109-24UC	-	kWh	0.0326	$/kWh	-
Variable	G109-CTRL	-	kWh	0.0110	$/kWh	-
Variable	G109-NITE	-	kWh	0.0073	$/kWh	-
Fixed	GV02-FIXD	1,791,218	ICPs	0.5847	$/day	1,047,325
Variable	GV02-24UC	46,353,441	kWh	0.0250	$/kWh	1,158,836
Fixed	GV07-FIXD	3,858,667	ICPs	1.4463	$/day	5,580,790
Variable	GV07-24UC	341,511,259	kWh	0.0174	$/kWh	5,942,296
Fixed	GV14-FIXD	142,576	ICPs	8.1951	$/day	1,168,428
Variable	GV14-24UC	56,781,799	kWh	0.0205	$/kWh	1,164,027
Fixed	GV30-FIXD	100,941	ICPs	11.6739	$/day	1,178,380
Variable	GV30-24UC	85,525,693	kWh	0.0085	$/kWh	726,968
Fixed	GV99-FIXD	102,666	ICPs	29.4367	$/day	3,022,139
Variable	GV99-24UC	177,845,272	kWh	0.0038	$/kWh	675,812
Variable	GV99-DAMD	587,280	kVA	3.3768	$/kVA/month	1,983,126
Fixed	GX02-FIXD	-	ICPs	0.5318	$/day	-
Variable	GX02-24UC	-	kWh	0.0228	$/kWh	-
Fixed	GX07-FIXD	2,582	ICPs	1.3149	$/day	3,395
Variable	GX07-24UC	186,335	kWh	0.0158	$/kWh	2,944
Fixed	GX14-FIXD	5,140	ICPs	7.4500	$/day	38,293
Variable	GX14-24UC	2,287,627	kWh	0.0187	$/kWh	42,779
Fixed	GX30-FIXD	30,319	ICPs	10.6126	$/day	321,762
Variable	GX30-24UC	47,945,206	kWh	0.0077	$/kWh	369,178
Variable	GX30-AICO	-	kWh		$/kWh	
Fixed	GX99-FIXD	85,727	ICPs	22.8980	$/day	1,962,978
Variable	GX99-24UC	327,904,933	kWh	0.0030	$/kWh	983,715
Variable	GX99-CAPY	62,585,345	kVA	0.0072	$/kVA/day	450,614
Variable	GX99-DAMD	934,581	kVA	2.7678	$/kVA/month	2,586,733
Fixed	GC60-FIXD	6,570	ICPs	0.0509	$/day	334
Variable	GC60-24UC	79,750,896	kWh	0.0006	$/kWh	47,851
Variable	GC60-CAPY	17,255,375	kVA	0.0123	$/kVA/day	212,241
Variable	GC60-DOPC	221,285	kW	4.8975	$/kW/month	1,083,743
Variable	GC60-PWRF	16,353	kVAr	3.6230	$/kVAr/month	59,247
Fixed	GU60-FIXD	6,539	ICPs	0.0509	$/day	333
Variable	GU60-24UC	77,066,021	kWh	0.0006	$/kWh	46,240
Variable	GU60-CAPY	15,089,362	kVA	0.0123	$/kVA/day	185,599
Variable	GU60-DOPC	186,666	kW	5.0994	$/kW/month	951,886
Variable	GU60-PWRF	18,496	kVAr	3.6230	$/kVAr/month	67,011
Fixed	GR60-FIXD	730	ICPs	0.0509	$/day	37
Variable	GR60-24UC	1,780,020	kWh	0.0006	$/kWh	1,068
Variable	GR60-CAPY	1,434,450	kVA	0.0123	$/kVA/day	17,644
Variable	GR60-DOPC	8,560	kW	6.1452	$/kW/month	52,604
Variable	GR60-PWRF	225	kVAr	3.6230	$/kVAr/month	815
Standard Charges Total ($)						**95,921,220**
Non Standard Charges Total ($)						**1,977,018**
Notional Revenue Total ($)						**97,898,238**

Attachment 4: Wellington Line Charges Effective 1 April 2015

Code	Description	Units	2015/16 Disclosure Year		
			Distribution Line Charge	Pass through costs	Total Network Line Charge
Unmetered					
G001-FIXD	Non street lighting, <1kVA, fixed charge	$/day/fitting	0.0411	0.0000	0.0411
G001-24UC	Non street lighting, <1kVA, variable charge	$/kWh	0.0593	0.0786	0.1379
G002-FIXD	Street lighting, <1kVA, fixed charge	$/day/fitting	0.0411	0.0000	0.0411
G002-24UC	Street lighting, <1kVA, variable charge	$/kWh	0.0593	0.0786	0.1379
Residential					
G100-FIXD	Single meter without control (low user), fixed charge	$/day	0.1500	0.0000	0.1500
G100-24UC	Single meter without control (low user), uncontrolled charge	$/kWh	0.0453	0.0635	0.1088
G100-NITE	Single meter without control (low user), night charge	$/kWh	0.0077	0.0101	0.0178
G101-FIXD	Dual meter with control (low user), fixed charge	$/day	0.1500	0.0000	0.1500
G101-24UC	Dual meter with control (low user), uncontrolled charge	$/kWh	0.0453	0.0635	0.1088
G101-CTRL	Dual meter with control (low user), controlled charge	$/kWh	0.0212	0.0312	0.0524
G101-NITE	Dual meter with control (low user), night charge	$/kWh	0.0077	0.0101	0.0178
G102-FIXD	Single meter with control (low user), fixed charge	$/day	0.1500	0.0000	0.1500
G102-AICO	Single meter with control (low user), all inclusive charge	$/kWh	0.0355	0.0517	0.0872
G102-NITE	Single meter with control (low user), night charge	$/kWh	0.0077	0.0101	0.0178
G103-FIXD	3 phase residential (low user), fixed charge	$/day	0.1500	0.0000	0.1500
G103-24UC	3 phase residential (low user), variable charge	$/kWh	0.0457	0.0644	0.1101
G104-FIXD	Single meter without control (standard user), fixed charge	$/day	1.0000	0.0000	1.0000
G104-24UC	Single meter without control (standard user), uncontrolled charge	$/kWh	0.0326	0.0376	0.0702
G104-NITE	Single meter without control (standard user), night charge	$/kWh	0.0073	0.0094	0.0167
G105-FIXD	Dual meter with control (standard user), fixed charge	$/day	1.0000	0.0000	1.0000
G105-24UC	Dual meter with control (standard user), uncontrolled charge	$/kWh	0.0326	0.0376	0.0702
G105-CTRL	Dual meter with control (standard user), controlled charge	$/kWh	0.0110	0.0106	0.0216
G105-NITE	Dual meter with control (standard user), night charge	$/kWh	0.0073	0.0094	0.0167
G106-FIXD	Single meter with control (standard user), fixed charge	$/day	1.0000	0.0000	1.0000
G106-AICO	Single meter with control (standard user), all inclusive charge	$/kWh	0.0236	0.0250	0.0486
G106-NITE	Single meter with control (standard user), night charge	$/kWh	0.0073	0.0094	0.0167
G107-FIXD	3 phase residential (standard user), fixed charge	$/day	1.0000	0.0000	1.0000
G107-24UC	3 phase residential (standard user), variable charge	$/kWh	0.0338	0.0387	0.0725
G108-FIXD	Dual meter with control (low user), fixed charge (Electric Vehicle)	$/day	0.1500	0.0000	0.1500
G108-24UC	Dual meter with control (low user), uncontrolled charge (Electric Vehicle)	$/kWh	0.0453	0.0635	0.1088
G108-CTRL	Dual meter with control (low user), controlled charge (Electric Vehicle)	$/kWh	0.0212	0.0312	0.0524
G108-NITE	Dual meter with control (low user), night charge (Electric Vehicle)	$/kWh	0.0073	0.0105	0.0178
G109-FIXD	Dual meter with control (standard user), fixed charge (Electric Vehicle)	$/day	1.0000	0.0000	1.0000
G109-24UC	Dual meter with control (standard user), uncontrolled charge (Electric Vehicle)	$/kWh	0.0326	0.0376	0.0702
G109-CTRL	Dual meter with control (standard user), controlled charge (Electric Vehicle)	$/kWh	0.0110	0.0106	0.0216
G109-NITE	Dual meter with control (standard user), night charge (Electric Vehicle)	$/kWh	0.0073	0.0094	0.0167
Low voltage connection					
GV02-FIXD	<=15kVA, fixed charge	$/day	0.5847	0.0000	0.5847
GV02-24UC	<=15kVA, variable charge	$/kWh	0.0250	0.0331	0.0581
GV07-FIXD	>15kVA and <=69kVA, fixed charge	$/day	1.4463	0.0000	1.4463
GV07-24UC	>15kVA and <=69kVA, variable charge	$/kWh	0.0174	0.0230	0.0404
GV14-FIXD	>69kVA and <=138kVA, fixed charge	$/day	8.1951	0.0000	8.1951
GV14-24UC	>69kVA and <=138kVA, variable charge	$/kWh	0.0205	0.0272	0.0477
GV30-FIXD	>138kVA and <=300kVA, fixed charge	$/day	11.6739	0.0000	11.6739
GV30-24UC	>138kVA and <=300kVA, variable charge	$/kWh	0.0085	0.0113	0.0198
GV99-FIXD	>300kVA, TOU, fixed charge	$/day	29.4367	0.0000	29.4367
GV99-24UC	>300kVA, TOU, variable charge	$/kWh	0.0038	0.0050	0.0088
GV99-DAMD	>300kVA, TOU, demand charge	$/kVA/month	3.3768	4.4733	7.8501
Transformer connection					
GX02-FIXD	<=15kVA, fixed charge	$/day	0.5318	0.0000	0.5318
GX02-24UC	<=15kVA, variable charge	$/kWh	0.0228	0.0302	0.0530
GX07-FIXD	>15kVA and <=69kVA, fixed charge	$/day	1.3149	0.0000	1.3149
GX07-24UC	>15kVA and <=69kVA, variable charge	$/kWh	0.0158	0.0210	0.0368
GX14-FIXD	>69kVA and <=138kVA, fixed charge	$/day	7.4500	0.0000	7.4500
GX14-24UC	>69kVA and <=138kVA, variable charge	$/kWh	0.0187	0.0248	0.0435
GX30-FIXD	>138kVA and <=300kVA, fixed charge	$/day	10.6126	0.0000	10.6126
GX30-24UC	>138kVA and <=300kVA, variable charge	$/kWh	0.0077	0.0102	0.0179
GX99-FIXD	>300kVA, TOU, fixed charge	$/day	22.8980	0.0000	22.8980
GX99-24UC	>300kVA, TOU, variable charge	$/kWh	0.0030	0.0040	0.0070
GX99-CAPY	>300kVA, TOU, capacity charge	$/kVA/day	0.0072	0.0095	0.0167
GX99-DAMD	>300kVA, TOU, demand charge	$/kVA/month	2.7678	3.6666	6.4344
Industrial					
GC60-FIXD	>1500kVA connection, in CBD/Industrial service area, fixed charge	$/day	0.0509	0.0000	0.0509
GC60-24UC	>1500kVA connection, in CBD/Industrial service area, variable charge	$/kWh	0.0006	0.0008	0.0014
GC60-CAPY	>1500kVA connection, in CBD/Industrial service area, capacity charge	$/kVA/day	0.0123	0.0162	0.0285
GC60-DOPC	>1500kVA connection, in CBD/Industrial service area, on-peak demand charge	$/kW/month	4.8975	6.4879	11.3854
GC60-PWRF	>1500kVA connection, in CBD/Industrial service area, power factor charge	$/kVAr/month	3.6230	4.7996	8.4226
GU60-FIXD	>1500kVA connection, in urban service area, fixed charge	$/day	0.0509	0.0000	0.0509
GU60-24UC	>1500kVA connection, in urban service area, variable charge	$/kWh	0.0006	0.0008	0.0014
GU60-CAPY	>1500kVA connection, in urban service area, capacity charge	$/kVA/day	0.0123	0.0162	0.0285
GU60-DOPC	>1500kVA connection, in urban service area, on-peak demand charge	$/kW/month	5.0994	6.7554	11.8548
GU60-PWRF	>1500kVA connection, in urban service area, power factor charge	$/kVAr/month	3.6230	4.7996	8.4226
GR60-FIXD	>1500kVA connection, in rural service area, fixed charge	$/day	0.0509	0.0000	0.0509
GR60-24UC	>1500kVA connection, in rural service area, variable charge	$/kWh	0.0006	0.0008	0.0014
GR60-CAPY	>1500kVA connection, in rural service area, capacity charge	$/kVA/day	0.0123	0.0162	0.0285
GR60-DOPC	>1500kVA connection, in rural service area, on-peak demand charge	$/kW/month	6.1452	8.1408	14.2860
GR60-PWRF	>1500kVA connection, in rural service area, power factor charge	$/kVAr/month	3.6230	4.7996	8.4226

Attachment 5: Summary Pass-through Revenue

- For each price element the base quantity (number of end consumers or annual energy of all consumers) was retrieved from the appropriate information systems for the year ended 31 March 2016.
- Prices applicable for the Assessment Period have been taken from WELL's published price schedules.
- Base quantities were multiplied by the price applicable to determine the Pass-through revenue for the Assessment Period.

Charge Type	2015 Code	Base Quantity (2015/16)	Base Q Unit	2015/16 Price	Pass through Revenue 2015/16
Fixed	G001-FIXD	1,242	ICPs	0.0000	-
Variable	G001-24UC	3,825,870	kWh	0.0786	300,713
Fixed	G002-FIXD	16,910,833	ICPs	0.0000	-
Variable	G002-24UC	20,930,733	kWh	0.0786	1,645,156
Fixed	G100-FIXD	7,393,186	ICPs	0.0000	-
Variable	G100-24UC	101,321,746	kWh	0.0635	6,433,931
Variable	G100-NITE	948,363	kWh	0.0101	9,578
Fixed	G101-FIXD	2,062,390	ICPs	0.0000	-
Variable	G101-24UC	21,865,469	kWh	0.0635	1,388,457
Variable	G101-CTRL	10,454,907	kWh	0.0312	326,193
Variable	G101-NITE	557,935	kWh	0.0101	5,635
Fixed	G102-FIXD	23,704,808	ICPs	0.0000	-
Variable	G102-AICO	343,321,748	kWh	0.0517	17,749,734
Variable	G102-NITE	3,082,046	kWh	0.0101	31,129
Fixed	G103-FIXD	93,277	ICPs	0.0000	-
Variable	G103-24UC	1,560,761	kWh	0.0644	100,513
Fixed	G104-FIXD	4,306,909	ICPs	0.0000	-
Variable	G104-24UC	107,123,548	kWh	0.0376	4,027,845
Variable	G104-NITE	1,424,718	kWh	0.0094	13,392
Fixed	G105-FIXD	2,112,318	ICPs	0.0000	-
Variable	G105-24UC	40,041,185	kWh	0.0376	1,505,549
Variable	G105-CTRL	16,264,847	kWh	0.0106	172,407
Variable	G105-NITE	894,184	kWh	0.0094	8,405
Fixed	G106-FIXD	14,543,265	ICPs	0.0000	-
Variable	G106-AICO	400,636,410	kWh	0.0250	10,015,910
Variable	G106-NITE	5,199,215	kWh	0.0094	48,873
Fixed	G107-FIXD	184,947	ICPs	0.0000	-
Variable	G107-24UC	6,798,392	kWh	0.0387	263,098
Fixed	G108-FIXD	-	ICPs	0.0000	-
Variable	G108-24UC	-	kWh	0.0635	-
Variable	G108-CTRL	-	kWh	0.0312	-
Variable	G108-NITE	-	kWh	0.0105	-
Fixed	G109-FIXD	-	ICPs	0.0000	-
Variable	G109-24UC	-	kWh	0.0376	-
Variable	G109-CTRL	-	kWh	0.0106	-
Variable	G109-NITE	-	kWh	0.0094	-
Fixed	GV02-FIXD	1,818,300	ICPs	0.0000	-
Variable	GV02-24UC	44,147,834	kWh	0.0331	1,461,293
Fixed	GV07-FIXD	3,571,619	ICPs	0.0000	-
Variable	GV07-24UC	318,805,771	kWh	0.0230	7,332,533
Fixed	GV14-FIXD	145,600	ICPs	0.0000	-
Variable	GV14-24UC	54,463,764	kWh	0.0272	1,481,414
Fixed	GV30-FIXD	110,018	ICPs	0.0000	-
Variable	GV30-24UC	86,919,564	kWh	0.0113	982,191
Fixed	GV99-FIXD	91,790	ICPs	0.0000	-
Variable	GV99-24UC	163,032,326	kWh	0.0050	815,162
Variable	GV99-DAMD	513,472	kVA	4.4733	2,296,913
Fixed	GX02-FIXD	173,688	ICPs	0.0000	-
Variable	GX02-24UC	-	kWh	0.0302	-
Fixed	GX07-FIXD	5,983	ICPs	0.0000	-
Variable	GX07-24UC	542,200	kWh	0.0210	11,386
Fixed	GX14-FIXD	5,688	ICPs	0.0000	-
Variable	GX14-24UC	2,264,254	kWh	0.0248	56,153
Fixed	GX30-FIXD	31,968	ICPs	0.0000	-
Variable	GX30-24UC	47,534,104	kWh	0.0102	484,848
Variable	GX30-AICO	-	kWh		-
Fixed	GX99-FIXD	86,165	ICPs	0.0000	-
Variable	GX99-24UC	341,678,515	kWh	0.0040	1,366,714
Variable	GX99-CAPY	65,283,987	kVA	0.0095	620,198
Variable	GX99-DAMD	939,129	kVA	3.6666	3,443,409
Fixed	GC60-FIXD	6,522	ICPs	0.0000	-
Variable	GC60-24UC	82,317,842	kWh	0.0008	65,854
Variable	GC60-CAPY	16,774,050	kVA	0.0162	271,740
Variable	GC60-DOPC	213,488	kW	6.4879	1,385,086
Variable	GC60-PWRF	17,501	kVAr	4.7996	83,997
Fixed	GU60-FIXD	6,658	ICPs	0.0000	-
Variable	GU60-24UC	92,367,819	kWh	0.0008	73,894
Variable	GU60-CAPY	15,129,907	kVA	0.0162	245,104
Variable	GU60-DOPC	208,581	kW	6.7554	1,409,047
Variable	GU60-PWRF	12,047	kVAr	4.7996	57,819
Fixed	GR60-FIXD	732	ICPs	0.0000	-
Variable	GR60-24UC	1,007,767	kWh	0.0008	806
Variable	GR60-CAPY	1,427,956	kVA	0.0162	23,133
Variable	GR60-DOPC	6,689	kW	8.1408	54,457
Variable	GR60-PWRF	222	kVAr	4.7996	1,068
Standard Charges Total ($)					**68,070,740**
Non Standard Charges Total ($)					**817,855**
Pass through Revenue Total ($)					**68,888,596**

- Prices and quantities applicable for the preceding Assessment Period are set out below:

Charge Type	2015 Tariff Code	Base Quantity (2014/15)	Base Q Unit	2014/15 price	Pass through Revenue 2014/15
Fixed	G001-FIXD	57,836	ICPs	0.0152	877
Variable	G001-24UC	3,782,792	kWh	0.0587	222,128
Fixed	G002-FIXD	16,529,598	ICPs	0.0152	250,583
Variable	G002-24UC	19,786,561	kWh	0.0587	1,161,879
Fixed	G100-FIXD	6,907,886	ICPs	0.0553	382,194
Variable	G100-24UC	95,423,275	kWh	0.0448	4,276,397
Variable	G100-NITE	1,111,157	kWh	0.0076	8,443
Fixed	G101-FIXD	2,291,343	ICPs	0.0553	126,774
Variable	G101-24UC	30,222,311	kWh	0.0448	1,354,414
Variable	G101-CTRL	10,558,746	kWh	0.0210	221,601
Variable	G101-NITE	527,657	kWh	0.0076	4,009
Fixed	G102-FIXD	22,411,496	ICPs	0.0553	1,239,965
Variable	G102-AICO	321,642,233	kWh	0.0352	11,317,977
Variable	G102-NITE	3,878,937	kWh	0.0076	29,473
Fixed	G103-FIXD	78,239	ICPs	0.0553	4,329
Variable	G103-24UC	1,542,325	kWh	0.0453	69,802
Fixed	G104-FIXD	4,276,604	ICPs	0.3320	1,419,675
Variable	G104-24UC	103,501,466	kWh	0.0323	3,340,427
Variable	G104-NITE	1,233,838	kWh	0.0072	8,920
Fixed	G105-FIXD	2,029,891	ICPs	0.3320	673,849
Variable	G105-24UC	40,618,621	kWh	0.0323	1,310,933
Variable	G105-CTRL	12,021,148	kWh	0.0109	131,246
Variable	G105-NITE	642,298	kWh	0.0072	4,643
Fixed	G106-FIXD	15,900,774	ICPs	0.3320	5,278,471
Variable	G106-AICO	408,920,137	kWh	0.0233	9,547,498
Variable	G106-NITE	5,921,803	kWh	0.0072	42,811
Fixed	G107-FIXD	180,502	ICPs	0.3320	59,920
Variable	G107-24UC	6,786,726	kWh	0.0334	226,796
Fixed	G108-FIXD	-	ICPs	0.0553	-
Variable	G108-24UC	-	kWh	0.0448	-
Variable	G108-CTRL	-	kWh	0.0210	-
Variable	G108-NITE	-	kWh	0.0072	-
Fixed	G109-FIXD	-	ICPs	0.3320	-
Variable	G109-24UC	-	kWh	0.0323	-
Variable	G109-CTRL	-	kWh	0.0109	-
Variable	G109-NITE	-	kWh	0.0072	-
Fixed	GV02-FIXD	1,822,832	ICPs	0.2157	393,122
Variable	GV02-24UC	44,838,886	kWh	0.0247	1,109,749
Fixed	GV07-FIXD	3,763,982	ICPs	0.5335	2,007,952
Variable	GV07-24UC	323,873,083	kWh	0.0172	5,578,778
Fixed	GV14-FIXD	142,775	ICPs	3.0227	431,572
Variable	GV14-24UC	53,594,563	kWh	0.0203	1,089,230
Fixed	GV30-FIXD	107,862	ICPs	4.3059	464,443
Variable	GV30-24UC	87,181,839	kWh	0.0084	733,176
Fixed	GV99-FIXD	96,234	ICPs	10.8577	1,044,877
Variable	GV99-24UC	171,111,568	kWh	0.0038	643,764
Variable	GV99-DAMD	548,708	kVA	3.3429	1,834,279
Fixed	GX02-FIXD	-	ICPs	0.1962	-
Variable	GX02-24UC		kWh	0.0225	-
Fixed	GX07-FIXD	4,299	ICPs	0.4850	2,085
Variable	GX07-24UC	364,840	kWh	0.0157	5,719
Fixed	GX14-FIXD	38	ICPs	2.7479	104
Variable	GX14-24UC	1,932,476	kWh	0.0185	35,782
Fixed	GX30-FIXD	31,141	ICPs	3.9144	121,899
Variable	GX30-24UC	46,510,332	kWh	0.0076	355,113
Variable	GX30-AICO	-	kWh		-
Fixed	GX99-FIXD	91,896	ICPs	8.4459	776,143
Variable	GX99-24UC	335,581,610	kWh	0.0030	1,002,607
Variable	GX99-CAPY	65,182,693	kVA	0.0071	461,616
Variable	GX99-DAMD	949,262	kVA	2.7400	2,601,002
Fixed	GC60-FIXD	6,842	ICPs	0.0188	128
Variable	GC60-24UC	83,295,889	kWh	0.0006	49,158
Variable	GC60-CAPY	17,606,725	kVA	0.0121	213,659
Variable	GC60-DOPC	210,939	kW	4.8484	1,022,706
Variable	GC60-PWRF	17,503	kVAr	3.5867	62,778
Fixed	GU60-FIXD	6,417	ICPs	0.0188	120
Variable	GU60-24UC	83,697,624	kWh	0.0006	49,395
Variable	GU60-CAPY	14,843,962	kVA	0.0121	180,133
Variable	GU60-DOPC	188,669	kW	5.0483	952,451
Variable	GU60-PWRF	14,105	kVAr	3.5867	50,591
Fixed	GR60-FIXD	730	ICPs	0.0188	14
Variable	GR60-24UC	799,026	kWh	0.0006	472
Variable	GR60-CAPY	1,434,450	kVA	0.0121	17,407
Variable	GR60-DOPC	6,543	kW	6.0836	39,803
Variable	GR60-PWRF	228	kVAr	3.5867	818
Standard Charges Total ($)					**66,048,680**
Non Standard Charges Total ($)					**920,715**
Pass through Revenue Total ($)					**66,969,395**

Attachment 6: Annual reliability assessment for extant Assessment Periods

The tables below show the reliability assessments for the first Assessment period of the current Regulatory Period (1 April 2015 to 31 March 2020) and the last two Assessment period of the previous Regulatory Period (1 April 2010 to 31 March 2015).

Fourth Assessment Period (2014)

Requirement	Assessment	Limit	Assessment/Limit	Result
SAIDI	78.876	40.744	1.936	>1
SAIFI	1.107	0.602	1.839	>1

Fifth Assessment Period (2015)

Requirement	Assessment	Limit	Assessment/Limit	Result
SAIDI	38.757	40.744	0.951	<1
SAIFI	0.586	0.602	0.973	<1

First Assessment Period (2016-2020)

Requirement	Assessment	Limit	Assessment/Limit	Result
SAIDI	30.097	40.630	0.741	<1
SAIFI	0.525	0.625	0.840	<1

Attachment 7: Calculation of SAIDI and SAIFI

WELL's SAIDI Target	
Calculation Components	**Amount**
μ_{SAIDI}	35.436
Total SAIDI Value as at 31 March 2016	**35.436**

WELL's SAIFI Target	
Calculation Components	**Amount**
μ_{SAIFI}	0.547
Total SAIFI as at 31 March 2016	0.547

WELL's SAIDI Boundary Value	
Calculation Components	**Amount**
SAIDI	2.103
Total SAIDI Boundary Value as at 31 March 2016	**2.103**

WELL's SAIFI Boundary Value	
Calculation Components	**Amount**
SAIFI	0.031
Total SAIFI Boundary Value as at 31 March 2016	**0.031**

WELL's SAIDI Reliability Cap (Limit), $SAIDI_{CAP} = \mu_{SAIDI} + \sigma_{SAIDI}$	
Calculation Components	**Amount**
μ_{SAIDI}	35.436
σ_{SAIDI}	5.194
Total SAIDI Reliability Cap as at 31 March 2016	**40.630**

WELL's SAIFI Reliability Cap (Limit), $SAIFI_{CAP} = \mu_{SAIFI} + \sigma_{SAIFI}$	
Calculation Components	**Amount**
μ_{SAIFI}	0.547
σ_{SAIFI}	0.078
Total SAIFI Reliability Cap as at 31 March 2015	**0.625**

Attachment 7: Calculation of SAIDI and SAIFI (cont'd)

WELL's SAIDI Reliability Collar, $SAIDI_{COLLAR} = \mu_{SAIDI} - \sigma_{SAIDI}$	
Calculation Components	**Amount**
μ_{SAIDI}	35.436
σ_{SAIDI}	5.194
Total SAIDI Reliability Limit as at 31 March 2016	**30.242**

WELL's SAIFI Reliability Collar, $SAIFI_{COLLAR} = \mu_{SAIFI} - \sigma_{SAIFI}$	
Calculation Components	**Amount**
μ_{SAIFI}	0.547
σ_{SAIFI}	0.078
Total SAIFI Reliability Collar as at 31 March 2016	**0.469**

Attachment 8: Calculation of Quality Incentives

WELL's Quality Incentive $S_{TOTAL} = S_{SAIDI} + S_{SAIFI}$	
Calculation Components	**Amount**
S_{SAIDI}	493,940
S_{SAIFI}	132,541
Total Quality Incentive as at 31 March 2016	**626,481**

WELL's Quality Incentive $SSAIDI = SAIDI_{IR} \times (SAIDI_{target} - SAIDI_{assess})$	
Calculation Components	**Amount**
$SAIDI_{IR}$	95,091
$SAIDI_{target}$	35.436
$SAIDI_{assess}$	30.097
Total SAIDI Quality Incentive as at 31 March 2016	**493,940**

WELL's Quality Incentive $SSAIFI = SAIFI_{IR} \times (SAIFI_{target} - SAIFI_{assess})$	
Calculation Components	**Amount**
$SAIFI_{IR}$	6,308,301
$SAIFI_{target}$	0.547
$SAIFI_{assess}$	0.525
Total SAIFI Quality Incentive as at 31 March 2016	**132,541**

Note: The financial scheme is that the revenue at risk is limited to 1% of Maximum Allowable Revenue (MAR) in total with 0.5% on SAIDI and 0.5% on SAIFI. Therefore, the incentive/penalty for both SAIDI and SAIFI is capped at $493,940.

Attachment 9: Customer numbers for SAIDI and SAIFI

Year	Total Customers	Customers Impacted*	Customer Minutes Lost
04/05	157,410	60,717	6,288,957
05/06	158,555	80,086	4,980,787
06/07	159,625	103,168	5,583,921
07/08	161,476	83,057	5,111,293
08/09	162,625	86,274	5,745,190
09/10	163,591	111,077	8,626,989
10/11	164,081	88,112	5,699,846
11/12	164,602	111,645	7,551,791
12/13	164,705	92,851	7,129,945
13/14	164,797	180,928**	31,437,753**
14/15	165,113	96,140	6,399,229
15/16	165,342	89,799	4,975,433

WELL purchased the Wellington network on 24 July 2008 from Vector. Vector maintained operational control until July 2009 for SAIDI and SAIFI. Necessary information for the period up to July 2009 was sourced from Vector.

* The number represents the total number of customers affected by the outages. It may be that a customer was affected by an outage more than once.

* *These numbers are based on the total outages (including the outages during the Major Event Days) for the regulatory year.