

ERGON ENERGY



**Annual Performance
Regulatory Information
Notice**

Submission (Audited)
1 July 2013 to 30 June 2014

31 October 2014

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CONTENTS

GLOSSARY	6
1. INTRODUCTION	9
2. CONFIDENTIAL INFORMATION	11
2.1 Requirement	11
2.2 Response.....	11
3. DATA TEMPLATES	12
3.1 Requirement	12
3.2 Ergon Energy 2013-14 Annual Performance RIN templates.....	12
3.2.1 Completed RIN Templates	12
3.2.2 Key Information Systems Used.....	14
4. ASSUMPTIONS AND METHODOLOGIES	17
4.1 Requirement	17
4.2 Assumptions & Methodologies Applied by Ergon Energy	17
4.2.1 General Comments	17
4.2.2 Additional Attachments.....	17
4.2.3 Regulatory Accounting Statements	18
4.2.3.1 Template 1 – Income Statement	18
4.2.3.2 Template 5 – Capital Expenditure (including overheads)	22
4.2.3.3 Template 7 – Capex for tax depreciation	27
4.2.3.4 Template 8 – Network Maintenance (including overheads).....	28
4.2.3.5 Template 10 – Network Operating costs (including overheads).....	31
4.2.3.6 Template 16 – Avoided cost payments	34
4.2.3.7 Template 17 – Alternative control and other services.....	35
4.2.3.8 Template 18 – EBSS	37
4.2.3.9 Template 19 – Jurisdictional scheme amounts	38
4.2.3.10 Template 20 – Demand Management Incentive Scheme	38
4.2.3.11 Template 21 – Self-Insurance.....	39
4.2.3.12 Template 22 – Change of Accounting Policy (CHAP).....	39
4.2.4 Non-Financial Regulatory Templates	40
4.2.4.1 Template 1a – STPIS Reliability.....	40
4.2.4.2 Template 1b – STPIS Customer Service	43
4.2.4.3 Template 1c – STPIS daily performance	44
4.2.4.4 Template 1f – STPIS GSL	45
4.2.4.5 Template 3 – Outcomes Customer Service	45
5. MOVEMENTS BETWEEN AUDITED STATUTORY ACCOUNTS AND REGULATORY ACCOUNTING STATEMENTS	55
5.1 Requirement	55
5.2 Response.....	55
6. CAPITALISATION POLICY	56

6.1	Requirement	56
6.2	Response.....	56
7.	COST ALLOCATION METHOD – STATEMENT OF POLICY	57
7.1	Requirement	57
7.2	Response.....	57
7.2.1	Statement of Policy – Cost Allocation Method	57
8.	MATERIAL DIFFERENCES TO DETERMINATION.....	58
8.1	Requirement	58
8.2	Response.....	58
9.	CLASSIFICATION OF DISTRIBUTION SERVICES.....	59
9.1	Requirement	59
9.2	Response.....	59
10.	ARRANGEMENTS FOR NEGOTIATED SERVICES	60
10.1	Requirement.....	60
10.2	Response	60
11.	NEGATIVE CHANGE EVENTS.....	61
11.1	Requirement.....	61
11.2	Response	61
11.2.1	Process for identifying Negative Change Events	61
11.2.2	Materiality Threshold Applicable to Negative Pass through Events.....	62
12.	COST ALLOCATION TO THE REGULATED DISTRIBUTION BUSINESS.....	63
12.1	Requirement.....	63
12.2	Response	63
13.	COST ALLOCATION TO SERVICE SEGMENTS.....	65
13.1	Requirement.....	65
13.2	Response	65
14.	RELATED PARTY TRANSACTIONS.....	67
14.1	Requirement.....	67
14.2	Response	67
15.	EFFICIENCY BENEFIT SHARING SCHEME	68
15.1	Requirement.....	68
15.2	Response	68
16.	DEMAND MANAGEMENT INCENTIVE SCHEME.....	69
16.1	Requirement.....	69
16.2	Response	70
17.	STPIS PERFORMANCE MEASURES	71
17.1	Requirement.....	71

17.2	Response	71
17.2.1	Reliability Parameters	71
17.2.2	Customer Service Parameters	71
18.	GROUP CORPORATE AND ORGANISATIONAL STRUCTURES.....	73
18.1	Requirement.....	73
18.2	Response	73
19.	AUDIT REPORTS	75
19.1	Requirement.....	75
19.2	Response	75
20.	STATUTORY DECLARATION	76
20.1	Requirement.....	76
20.2	Response	76
21.	APPENDIX A – LIST OF ATTACHMENTS	77

GLOSSARY

ACRONYM	GLOSSARY TERM
2013-14	Ergon Energy 2013-14 Annual Performance Regulatory Information Notice
ABS	Alternative Bureau of Statistics
ACCC	Australian Competition & Consumer Commission
ACS	Alternative Control Services
AER	Australian Energy Regulator
AER FDD	2010-2015 Distribution Determination
CAC	Connection Asset Customers
CAM	AER approved Cost Allocation Method
Capex	Capital expenditure
CBD	Central business district
CBRM	Condition Based Risk Management models
CICW	Customer Initiated Capital Works
CMS	Call Management System
CNOC	Communications Network Operations Centre
CPI	Consumer Price Index
DM	Demand Management
DMIA	Demand Management Innovation Allowance
DMIS	Demand Management Incentive Scheme (AER)
DNSP	Distribution Network Service Provider
DUOS	Distribution Use of System
EBSS	Efficiency Benefit Sharing Scheme (AER)
E&E	Efficiency & Effectiveness Program
EECL	Ergon Energy Corporation Limited
EEQ	Ergon Energy Queensland Proprietary Limited
EETL	Ergon Energy Telecommunications Pty Ltd
EG	Embedded Generator
ENCAP Review	Queensland Electricity Network Capital Program Review 2011
Ergon Energy	Ergon Energy Corporation Limited
Excel	Microsoft Excel
FACTS	Feedback and Claim Tracking System

ACRONYM	GLOSSARY TERM
FDRSTAT	FeederStat
FiT	Feed-in-tariff
GIS	Geographic information system
GSL	Guaranteed Service Level
GUI	Graphical User Interface
GWh	Gigawatt hour
HV	High voltage
ICC	Individually Calculated Customer
IVR	Interactive Voice Recording
J-AMIT	Joint Asset Management Inspection Tool
KM	Kilometre
kV	Kilovolt
LV	Low voltage
LR	Long Rural
MDA	Meter Data Agent
MDI	Maximum Demand Indicator
MED	Major event day
MSS	Minimum Service Standard
MVA	Megavolt ampere
MVAR	Megavar reactive component of power
MW	Megawatt
NARMCOS (Data Model)	Network Assets Replacement Maintenance Capex / Opex Summary Model
NER	National Electricity Rules
NMI	National Metering Identifier
Nominal	With respect to dollars – means dollar of the day
Notice	Regulatory Information Notice
Opex	Operational expenditure
POE	Probability of Exceedance
PTRM	Post Tax Revenue Model
QTC	Queensland Treasury Corporation
RAB	Regulatory Asset Base
Real	With respect to dollars – means constant dollars at a specific date.
RIN	Regulatory information notice

ACRONYM	GLOSSARY TERM
ROAMES	Remote Observation Advanced Modelling Economic Simulation
Rules	National Electricity Rules
SAC	Standard Asset Customer
SAIDI	System Average Interruption Duration Index
SAIFI	System Average Interruption Frequency Index
SCADA	Supervisory control and data acquisition
SCS	Standard Control Services
SFB	Service Fuse and Beyond
SMDB	Statistical Metering Database
SPARQ	SPARQ Solutions Pty Ltd
SR	Short Rural
STPIS	Service Target Performance Incentive Scheme (AER)
SWER	Single Wire Earth Return
UbiNet	Ubiquitous Network
UR	Urban
VT	Voltage Transformer
W	Watt
WACC	Weighted Average Cost of Capital
YOM	Year of Manufacture
ZSS	Zone-Substation

1. INTRODUCTION

On 28 September 2012 the Australian Energy Regulator (AER) issued a Regulatory Information Notice (Notice) under Division 4 of Part 3 of the National Electricity (QLD) Law (NEL) to Ergon Energy Corporation Ltd (ABN 50 087 646 062) (Ergon Energy).

The Notice requires Ergon Energy to provide and to prepare and maintain the information in the manner and form specified in the Notice.

The AER requires the information for the performance or exercise of its functions or powers conferred on it under the NEL or the National Electricity Rules (NER), namely to:

- monitor the compliance of Ergon Energy with the 2010/15 Distribution Determination (AER FDD);
- publish reports relating to the financial or operational performance of Ergon Energy; and
- prepare for the making of future distribution determinations to apply to Ergon Energy.

Pursuant to sections 28F(1)(a) and 28M of the NEL, the Notice requires Ergon Energy to:

- provide in writing the information specified in Schedule 1 to the Notice;
- prepare and maintain the information in the manner and form specified in Schedule 2 to the Notice;
- verify, by way of a statutory declaration, the information specified in the Notice in accordance with Appendix D to the Notice;
- audit the information specified in accordance with Appendix E to the notice;

and deliver the said information electronically to AERInquiry@aer.gov.au, on or before 5:00 pm Australian Eastern Daylight Time on 14 November 2014 in respect of information for the 2013-14 regulatory year (1 July 2013 to 30 June 2014) (the 'Submission'). The submission is to be accompanied by the Audit and Review Report(s) and signed Statutory Declaration over audited information.

Of note, on 6 August 2014, the Notice was amended by the AER following a review of overlaps of reporting requirements with other RINs issued to Ergon Energy (economic benchmarking and category analysis). The review took into account written representations from Ergon Energy, and resulted in an amended Annual Performance RIN, and reissued workbooks containing the financial and non-financial templates for 2013-14. Amongst other changes, the AER removed the requirement for the Annual Performance RIN to be accompanied by a Board Resolution.

It is also noted that the information provided in response to this Notice will constitute the provision of an annual report for the purposes of paragraph 3.1.4.1 of the AER, *Demand management incentive scheme for Energex, Ergon Energy and ETSA Utilities 2010–15*, October 2008.

Accordingly, Ergon Energy is pleased to submit this Submission (audited) in relation to the 2013-14 Regulatory Year (**Ergon Energy 2013-14 Annual Performance RIN, Submission**), as made by:

Ergon Energy Corporation Limited

PO Box 1090

Townsville Qld 4810

1. INTRODUCTION

Enquiries or further communications in relation to this submission, should be directed to:

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2. CONFIDENTIAL INFORMATION

2.1 Requirement

In issuing its Notice to Ergon Energy, the AER noted that it would treat information in accordance with the relevant provisions of the NEL, NER and the AER's information policy, if Ergon Energy makes a claim for confidentiality over any information provided in accordance with the Notice issued. To do so, Ergon Energy must:

- for all information and documents, clearly identify and mark the part of the information that Ergon Energy consider confidential;
- provide reasons supporting each confidentiality claim. High-level reasons, which generally support confidentiality claims, are insufficient. In attempting to explain why particular information is confidential, please focus on the detriment that disclosing the information might cause Ergon Energy; and
- submit both a public and confidential version of the information, redacting information in the public version that Ergon Energy considers confidential.

It is noted that the AER's *Confidentiality Guidelines*¹ set out the framework for how the AER will handle confidentiality claims and requirements for Ergon Energy.

A confidentiality claim, by itself, is insufficient to prevent disclosure. Both the NEL and the *Competition and Consumer Act 2010 (Cth)* provide for the AER to disclose confidential information in certain circumstances. In particular, section 28ZB of the NEL allows the AER to disclose information where:

- disclosure would not cause detriment to the information provider or the person from whom the information provider received the information; or
- public benefit in disclosing the information outweighs that detriment.

Making a confidentiality claim in the manner mentioned above will reduce the chance that the AER will exercise these powers. Ergon Energy notes the AER would provide notice and an opportunity to comment prior to exercising these powers.

2.2 Response

Ergon Energy notes that whilst regard has been given to the AER's Confidentiality Guidelines in preparation of its 2013-14 Annual Performance RIN, no claims for confidentiality have been identified in regards to this Submission.

Ergon Energy contacted its independent auditors (the Queensland Audit Office and Parsons Brinkerhoff) to advise the AER's ability to disclose audit or review reports issued to Ergon Energy in respect of its 2013-14 Annual Performance RIN, subject to any confidentiality claims made. Confirmation was obtained from the auditor agreeing to the release of audit or review reports / audit opinion.

¹ <http://www.aer.gov.au/node/18888>

3. DATA TEMPLATES

RIN - Schedule 1 paragraph 1.1 (a)-(b), Schedule 2 paragraph 1.1(a)-(d) and Appendix B and C (templates)

3.1 Requirement

Schedule 1, paragraph 1.1 (a) of the Notice as amended by the AER on 6 August 2014, requires Ergon Energy to provide all information required in the Regulatory Accounting Statements, being the information required in the Excel workbook attached as Appendix B to the Notice, as amended by the AER on 6 August 2014. Furthermore, Schedule 1 paragraph 1.1(b) requires the provision of the information required in the Non-Financial Regulatory Templates in the Excel workbook attached at Appendix C to the Notice, as amended by the AER on 6 August 2014.

The AER requires Ergon Energy to verify information specified in Appendix E to the Notice, as provided in the Regulatory Accounting Statements and Non-Financial Regulatory Templates by way of an Audit in accordance with that Appendix E.

The AER also requires Ergon Energy to verify specified information, by way of a statutory declaration in accordance with Appendix D to the Notice.

Data for cells in the Excel workbooks coloured grey or containing formulae do not require input and must not be amended by Ergon Energy.

3.2 Ergon Energy 2013-14 Annual Performance RIN templates

3.2.1 Completed RIN Templates

Ergon Energy's Submission of the completed 2013-14 Annual Performance RIN templates (2013-14APRIN Templates), being the Microsoft Excel workbooks at Appendix B and Appendix C to the Notice, are provided as attachments to this response as follows:

- Regulatory Accounting Statements, and
- Non-Financial Regulatory Templates.

Refer to Table 21-1: List of Attachments.

Of note, Ergon Energy made the following minor amendments to tables within templates, as detailed in Table 3-1 and Table 3-2 below. Importantly, these changes have either been agreed with the AER or don't alter the requirements of the RIN; rather they provide for improved disclosure or alternatively, amend perceived errors in drafting of table headings.

Table 3-1: Amendments to Templates: Appendix B – Regulatory Accounting Statements

RIN Template	RIN Template Reference	Amendment
Template 7 Capital expenditure for Tax Depreciation	Table 1: Tax Standard Live and Capital expenditure Additions – Standard control services (SCS)	Heading was amended to change Live to Lives (plural)

3. DATA TEMPLATES

RIN Template	RIN Template Reference	Amendment
Template 5 Capital expenditure	Table 2: ACS Table 3: Other services	Table numbers for Table 2: ACS and Table 3: Other services were renamed to Table 4 and Table 5 respectively, to maintain sequential numbering within Template 5.
Template 10 Network operating costs (including overheads)	Table 6: Non-network alternatives (demand management) operating costs that are not captured by the Demand Management Incentive Scheme (DMIS) (\$ nominal)	Total cells at G75-J75 were issued with a hard coded number – 0 (zero), Ergon Energy has deleted the zero's and inserted a formula to sum the impact for all projects.

Table 3-2: Amendments to Templates: Appendix C – Non Financial Regulatory Templates

RIN Template	RIN Template Reference	Amendment
Template 3 Outcomes Customer Service	Table 3: Customer service Customer complaints (number) Complaint - technical quality of supply	Overridden formula in cell H65 - Table 3: Customer service which was linking to cell H27 - Table 2: Complaints - technical quality of supply, due to unavailability of data which meets the complaints definition in the RIN. Also refer to the assumptions and methodologies for Template 3 at Table 4-29 to 4-31.
Template 5b Network data - Feeder Reliability	Table 1: Annual Feeder Reliability Data Maximum demand (MW)	As confirmed with the AER via email on the 3 September 2013, the measure (MW) in the heading for Maximum Demand (cell H9) has been amended to MVA. This aligns with the STPIS (and QLD Electricity Industry Code) definitions for Feeder Categories which require the assignment of categories to be based on feeder maximum demand (per km) expressed in <u>MVA</u> (not MW).
Template 5d Outcomes Planned Outages	Table 1: Planned outages	As advised by the AER via email on 22 August 2013, Ergon Energy has amended Template 5d to report planned SAIDI and System Average Interruption Frequency Index (SAIFI) in total. The current row headings (after removing excluded events) are not meaningful for planned outages and have been deleted from the template.

3.2.2 Key Information Systems Used

The table below gives a listing and brief description, of key information systems that Ergon Energy currently uses to provide its Distribution Services and which have been utilised in providing the information required in the templates (referred to as relevant in Basis of Preparation responses provided in section 4).

It is emphasised that this is not an exhaustive list of all of the information systems that Ergon Energy uses. For further explanations of specific processes and systems used to report RIN requirements refer to section 4 in this document.

Table 3-3: Key Information Systems used by Ergon Energy

System	Description
Artemis 7	Manages investment portfolio including project planning, scheduling and tracking, program and project governance and financial and resource management
DCOS Model	Distribution Cost of Supply (DCOS) Model is used in the network tariff setting process, where the output of the model is 'forecast revenue' for each customer group to be recovered via distribution tariffs. The DCOS Model output displays forecast revenues by geographic zones (East, West, Mount Isa) and customer categories (ICC, CAC, EG, SAC, UnMet&STL) with the Annual Charge disaggregated by Fixed Charge, Actual Demand Charge, Capacity Charge, and Volume Charge.
ECORP	<p>ECORPMAIN contains the network asset topology utilised by FeederStat, Connect, Switching Sheet Writer and reliability reporting apps. The ECORP model hierarchy is primarily manually maintained by Network Data Officers and Customer Connection Officers i.e. association of premises with substations.</p> <p>An automated process (GELO) exist which updates selected feeders (approx. 3 feeders) in ECORPMAIN from NETAPP-GISEP. The ECORPMAIN model contains network objects like substations and switches required to model network connectivity it does not contain other assets e.g. poles, conductors, streetlights etc.</p>
Ellipse	<p>Ellipse is a large Enterprise Resource Planning (ERP) application used to manage assets, works, finance, supply chain, logistics, human resources and payroll. This application represents the logical group of modules of the Ellipse application which support the Financial Management sub segment.</p> <p>Ellipse was commissioned on 4 September 2006 as the Management and Financial reporting tool. The chart of accounts structure includes a district code and four segments forming an account line of four alphabetic and seventeen numeric characters.</p> <p>District: Separate legal entities of Ergon Energy consisting of parent entity and subsidiaries;</p> <p>Responsibility Centre: Business unit groups responsible for revenues, expenses for a function/ location;</p> <p>Activity: Type of work being undertaken;</p> <p>Product: Product or service being provided, for example High Load Escort; and</p> <p>Element: the nature of the revenue received or expense incurred.</p> <p>Each revenue, cost element, asset and liability that when combined constitute the</p>

3. DATA TEMPLATES

System	Description
	sum of Ergon Energy activities, and any associated adjustment to these, must have its origin in an audited Statutory Accounts
FACOM	<p>Ergon Energy's Customer Information System (CIS) which contains customer and premises data. Ergon Energy Queensland's (EEQ) retail customers (Tier 1) and Ergon Energy Corporation Limited's distribution only accounts for Tier 2 (market) customers are managed in FACOM. EEQ's retail customers are billed from FACOM.</p> <p>Information can be extracted from this database using Ergon Energy's ECORP or NetBill applications.</p>
FeederStat	<p>Ergon Energy's outage management system. It pinpoints where a particular premise is located and what feeder or substation it is connected to. FeederStat is used when faults and outages are being analysed and facilitates the NCC logging fault related calls as they are received and providing information to customers on restoration times.</p> <p>FeederStat is the primary outage management system employed by Ergon Energy to capture, record, action and report: planned and unplanned outages. FeederStat was internally developed by Ergon Energy and is a common application used across all sites with access to Oracle which is used to both input and extract outage data and information</p>
NEMLink (MDP)	The Meter Data Provider's Market Gateway
NetBill	Network Bill production for market and non-market customers.
ROAMES	<p>Remote Observation Automated Modelling Economic Simulation (ROAMES) LiDAR program. ROAMES technology originally developed by Ergon Energy and partner organisations creates precise, 3D geo-spatial representations of network assets such as substations, poles and wire infrastructure to be displayed in a Google Earth-like database. The sheer size of Ergon Energy's distribution area was a key motivator for finding smarter ways of managing the assets and the surrounding environment. It is anticipated that the information ROAMES provides will result in reduced maintenance and planning costs, while also increasing the safety and reliability of electricity supply for our customers and communities.</p> <p>The large volume of data captured during ROAMES flights is processed to enable reliable and precise measurement of Ergon Energy's electricity network and surrounding objects such as buildings, terrain and vegetation. Information is then used to create a precise, virtual representation of Ergon Energy's network infrastructure throughout Queensland, providing vital information for more effective and cost efficient vegetation maintenance and asset planning.</p> <p>From 1 March 2014, this capability is supplied via a Service Level Agreement from an unrelated corporation called ROAMES Asset Services Pty Limited.</p>
Supervisory Control and Data Acquisition (SCADA)	While SCADA is a general term, it is used within Ergon Energy to refer specifically to the ABB system used for Network Operations.
Smallworld	A geographic information system used to manage the spatial location of assets.

3. DATA TEMPLATES

System	Description
Smallworld Oracle Replicated (SOREP) Spatial database.	Replicated version of Smallworld Electrical Data. Reference by Aires, Mapguide, Google Earth, Schematics etc.
Statistical Metering Database (SMDB)	Statistical Metering Database. Consists of Access databases maintained by Ergon Energy Planning department to capture the history of Ergon Energy's interval data for demand and weather (sourced from the Bureau of Meteorology data).

4. ASSUMPTIONS AND METHODOLOGIES

RIN - Schedule 1 paragraph 1.1 (c)(i)-(ii)

4.1 Requirement

Schedule 1 paragraph 1.1 (c) requires explanation relative to the 2013-14 AP RIN Workbooks, being the Microsoft Excel workbooks at Appendix B and Appendix C of the Notice as amended by the AER on 6 August 2014, where applicable, of:

- the assumptions and methodologies underlying the information provided; and
- each instance where the information cannot be provided or is not provided in full.

The AER requires Ergon Energy to verify this information, by way of a statutory declaration in accordance with Appendix D to the Notice.

4.2 Assumptions & Methodologies Applied by Ergon Energy

4.2.1 General Comments

Ellipse was commissioned on 4 September 2006 as the Management and Financial reporting tool. The chart of accounts structure includes a district code and four segments forming an account line of four alphabetic and seventeen numeric characters.

- District: Separate legal entities of Ergon Energy consisting of parent entity and subsidiaries;
- Responsibility Centre: Business unit groups responsible for revenues, expenses for a function/ location;
- Activity: Type of work being undertaken;
- Product: Product or service being provided, for example High Load Escort; and
- Element: the nature of the revenue received or expense incurred.

Each revenue, cost element, asset and liability that when combined constitute the sum of Ergon Energy activities, and any associated adjustment to these, must have its origin in an audited Statutory Accounts.

4.2.2 Additional Attachments

The additional attachments noted in the table below are requirements that entail provision of additional information or attachments over and above completed templates or Basis of Preparation.

Responses to these requirements are made as attachments to this Submission, for templates as summarised below. Refer also to Table 21-1: List of Attachments.

Table 4-1: Additional Attachments

Title	Attachments	Relevance
EECL 1314 APRIN_S1 RSUP	Supplementary Templates; Explanations for material variances (Refer to templates within attachment)	Revenue items

4.2.3 Regulatory Accounting Statements

4.2.3.1 Template 1 – Income Statement

Template 1 requires Ergon Energy to report the Income Statement (Table 1). Ergon Energy understands that the information gathered will be used by the AER to monitor revenues for each service classification. Elements of the information are used to calculate financial ratios, used for intra and inter-business comparison and the AER will also monitor and report on information such as divided payments, tax payments, depreciation and profit.

Ergon Energy makes the following comments with regard to the compilation of the Income Statement template.

Table 4-2: Template 1 - Income Statement

Items	Underlying Assumptions and methodology
Distribution revenue	<p>Revenue is measured at the fair value of the consideration received or receivable. As a network service provider, Ergon Energy receives Distribution Use of System (DUOS) income.</p> <p>As per AASB 118 Revenue, and In response to government announcements regarding potential separation of the Retail entity, the Economic Entity has commenced accrual accounting for unbilled network charges.</p> <p>All values have been extracted from Ellipse.</p> <p>Within the audited statutory accounts column the revenue recognised is inclusive of revenue from regulated and unregulated assets. The statutory accounts have been prepared on an unbilled basis for the first time in FY 1314. The adjustments column consists of:</p> <ul style="list-style-type: none"> ▪ Transmission Use of System (TUOS) revenue, which is reported in the Income Statement Category, TUOS; ▪ Unregulated revenue (identified by the activity segment of the chart of accounts); and ▪ Under / over recovery of income consistent with the adjustment for under / over recovery adjustments ▪ Cross boundary revenue ▪ Net current year solar expense and current year solar alignment ▪ Net adjustment for ACS street lighting. <p>The value of SCS distribution revenue is calculated using total DUOS revenue less:</p> <ul style="list-style-type: none"> ▪ TUOS revenue (net of cross boundary revenue) ▪ DUOS cross boundary revenue ▪ TUOS cross boundary revenue ▪ Unregulated revenue. <p>This calculation enables the SCS distribution revenue to be presented on an unbilled basis.</p> <p>The Alternative Control Service (ACS) revenue is obtained from an activity code in</p>

4. ASSUMPTIONS AND METHODOLOGIES

Items	Underlying Assumptions and methodology
	<p>the general ledger. The ACS revenue is a statutory amount that includes a closing accrual amount. The statutory amount has been reduced by including a notional opening accrual amount.</p>
TUOS Revenue	<p>The value of SCS TUOS revenue was extracted from the Ergon Energy billing records. Information to present the TUOS revenue on an unbilled basis was not available when the income statement was prepared. The external provider of the unbilled information may be able to provide this in the future. At the present time the billing information is the most meaningful for income statement purposes.</p>
Cross Boundary Revenue	<p>DUOS & TUOS revenue charged to Essential Energy for 33kV and 66kV lines, based on metered data for 2013-14.</p>
Gain on disposal of fixed assets	<p>The disposal of an item of Property, Plant & Equipment (PP&E) may occur in a variety of ways (e.g. by sale or scrapping at the end of its useful life). Ergon Energy's Asset Management Policy and Strategies discusses when assets should be disposed i.e. after a specified time or after consumption of a specified proportion of the future economic benefits embodied in the asset.</p> <p>Assets disposed of can be regulated or unregulated and can be readily identified as they are recorded in different categories within the fixed assets register that identify if the asset is SCS, ACS or unregulated based on the services they provide in accordance with the AER FDD and the NER.</p> <p>The figure reported in the statutory accounts is the amount of proceeds that exceeds the carrying amount of the item.</p> <p>The amount disclosed in the adjustments column relates to the sale of unregulated assets. The assets register reports upon asset disposal by detailed category and by a mapping exercise. These are converted into AER reporting categories.</p>
Contributions	<p>Under Ergon Energy's Capital Contribution Policy (covering both cash contributions and gifted assets) contributions are accounted for as revenue. This aligns with the transitional clause 11.16.10 of the NER which allows Ergon Energy to maintain its current approach for the treatment of capital contributions whereby the annual capital contributions are included in its Regulated Asset Base (RAB) and instead, a deduction is made from annual revenue caps in order to determine the Annual Revenue Requirement. Any difference between forecast and actual capital contributions is managed through the unders/overs process annually.</p> <p>Cash capital contributions are received from small customers for subdivisions and other small customer initiated capital works (CICW) and gifted assets relate to Urban subdivisions and Commercial and Industrial customers.</p> <p>Contributions for ACS are identifiable by a separate code within Ergon Energy's general ledger.</p> <p>The split between the service categories (columns) is the result of a pro-rata apportionment based upon the assets classes constructed by CICW.</p> <p>The adjustment between the Audited Statutory Accounts and the Regulated Distribution business relates to contributions received from unregulated sources,</p>

4. ASSUMPTIONS AND METHODOLOGIES

Items	Underlying Assumptions and methodology
	including the isolated networks.
Interest Income	<p>Ergon Energy holds bank accounts which service all activities of the consolidated group. Therefore, the interest income received from underlying banks accounts relates to all services provided by the parent entity. As such an allocation basis using PP&E ratios has been applied to pro-rata interest income across Ergon Energy's classification of services. The values have been extracted from Ellipse and a manual calculation has been applied to report the disaggregation required. The adjustment column consists of interest income apportioned to unregulated services.</p> <p>In addition to the interest earned on its general purpose bank account, interest is also earned on loans to SPARQ and unwinding of discount on under recovery of regulated revenue. These two items are disclosed in the adjustments column.</p>
Use of revenue cap assets for non-SCS purposes	<p>Amount is calculated solely for regulated reporting purposes and hence the full number is shown as an adjustment.</p> <p>The adjustment is calculated by using data extracted from the general ledger, as well as a number of causal allocators (e.g. employee numbers) to arrive at the reported values.</p>
Other Revenue	Other revenue relates to a variety of receipts, including meter removals, recoverable works, sale of inventory etc. These are categorised across service classifications according to their classification in the Ellipse general ledger. The value in the adjustments column is the revenue from unregulated activities.
TUOS Costs	TUOS expense was obtained from an examination of the charges levied upon Ergon Energy and those passed on to retailers
Cross boundary charges	Ergon Energy notes that the definition for 'Cross Boundary Charges', is the cost of using another DNSP's distribution network therefore Ergon Energy has included costs of using Energex's distribution network and costs for use of Ergon Energy's unregulated 220kV network. This is because Ergon Energy is operating under a transitional rule which allows it to pass through charges it incurs for use of Ergon Energy's unregulated 220kV network as a Designated Pricing Proposal Charge or 'TUOS' charge (refer transitional rule 11.39 of the NER). The AER FDD also requires Ergon Energy to maintain a TUOS unders and overs account, and to submit a record of all transmission related payment (including any transitional charges under rule 11.39) to the AER as part of its Annual Pricing Proposal.
Maintenance	<p>The Ergon Energy general ledger records maintenance costs in a series of codes that differentiate between SCS, ACS and unregulated based on the services they provide in accordance with the AER FDD and the NER.</p> <p>The identification of maintenance costs is performed by mapping these codes into their appropriate RIN reporting category</p>
Operating Expenses	<p>The Ergon Energy general ledger records operating costs in a series of codes that differentiate between SCS, ACS and unregulated based on the services they provide in accordance with the AER FDD and the NER.</p> <p>The identification of maintenance costs is performed by mapping these codes into</p>

4. ASSUMPTIONS AND METHODOLOGIES

Items	Underlying Assumptions and methodology
	<p>their appropriate RIN reporting category.</p> <p>In the annual statutory accounts the feed-in tariff and guaranteed service level payments are classified as negative revenue, in the RIN these amounts are included in the adjustments column as they are reported as operating costs. Also included in the adjustments column is an amount for over-absorbed overheads at year end. This adjustment is made to comply with the AER approved CAM</p>
Depreciation	<p>The Statutory approach for calculating depreciation has been used on a straight line basis by reference to the useful life of each item of PP&E, other than freehold land and easements which are not depreciated. An assessment of useful lives is performed annually. All values have been extracted from Ellipse.</p> <p>The audited statutory accounts column includes depreciation and amortisation for the parent company EECL. It consists of amortisation of intangible assets such as computer software, licences and customer contracts and relationships, and depreciation for supply systems, power stations, buildings, and other plant and equipment, as well as impairment of non PP&E assets, i.e. Impairment of Doubtful Debts.</p> <p>The adjustments column relates to depreciation and amortisation of Ergon Energy's unregulated power station assets comprising of isolated generation and distribution systems, and other unregulated assets. The unregulated, isolated and ACS assets are identified by the use of different asset categories within the fixed assets register</p>
Finance Charges	<p>Interest expense is the result of Ergon Energy's total borrowings which are used to fund its entire capital works program. Hence this amount has been apportioned across the reporting categories on the basis of the PP&E ratios.</p> <p>The adjustment column is therefore an estimate of the interest expense that relates to the funding of these unregulated assets.</p>
Use of revenue cap assets for non-SCS purposes	<p>This adjustment is to allow for the use of regulated assets for non-SCS purposes. The adjustment is calculated by using data extracted from the general ledger, as well as a number of causal allocators (e.g. employee numbers) to arrive at the reported values.</p> <p>This number is calculated solely for regulated reporting purposes.</p>
Loss on disposal of fixed assets	<p>The disposal of an item of PP&E may occur in a variety of ways (e.g. by sale or scrapping at the end of its useful life). Ergon Energy's Asset Management Policy and Strategies discusses when assets should be disposed i.e. after a specified time or after consumption of a specified proportion of the future economic benefits embodied in the asset.</p> <p>Assets disposed of can be regulated or unregulated - these can be readily identified as SCS, ACS, unregulated or isolated based on the services they provide in accordance with the AER FDD and the NER as they are recorded in different categories within the fixed assets register.</p> <p>The figure reported in the statutory accounts is the proceeds minus the carrying amount of the item when the proceeds are the lesser amount.</p>

4. ASSUMPTIONS AND METHODOLOGIES

Items	Underlying Assumptions and methodology
Impairment Losses (nature of the impairment loss)	Impairment losses relates to the sale of unregulated assets determined from a review of the General Ledger.
Other	The regulated component of these costs relates, in part, to Demand Management (DM) incentive arrangements and Guaranteed Service Levels (GSLs) which are separately identified in the Ellipse general ledger. The adjustment relates to unclassified costs of operating the isolated and unregulated assets.
Profit before tax	Revenue less expenses
Income tax expense	Income tax expense is calculated as 30% of profit before tax, for each of SCS, ACS and unregulated based on the services they provide in accordance with the AER FDD and the NER. The adjustments relate to non-taxable revenue and an over – provision of tax in prior years.
Profit after tax	Revenue less expenses less tax.

4.2.3.2 Template 5 – Capital Expenditure (including overheads)

Template 5, Capital Expenditure requires Ergon Energy to provide detailed capital expenditure (Capex) information (including overheads), including SCS by reason; explanation of material differences in relation to SCS; Capex by asset class; ACS and other services spend. Other services are split into negotiated services and unregulated services. Template 5 also requires Ergon Energy to list related party transactions which are more than 5 per cent of the total SCS or ACS Capex. Further, capital contributions by asset class and disposals by asset class are required to be completed in this template.

The AER have stated that the information provided is necessary for the AER to monitor Capex and will be used to inform the assessment of Capex and its underlying drivers at the next reset. It will also be used to assist in any comparative analysis undertaken by the AER within the current and future regulatory control periods.

Ergon Energy makes the following general comments in respect of Capex.

Capex is recorded as either Direct Purchases, or Project costs.

Direct purchases relate to the purchase of a complete asset from an outside supplier such as motor vehicles or computers, whereas a construction asset (primarily its distribution assets) is treated as project costs. With constructed projects, one of two data sources is used depending upon whether the project is complete and capitalised into the fixed asset register or whether it remains incomplete.

Capex data is therefore drawn from three principle sources:

- Ergon Energy's general ledger;
- Ellipse Project Accounting module; and
- Microsoft Excel worksheet for categorisation of WIP construction assets based on Ellipse Estimating module data.

In all cases the total Capex is reconciled back to the totals contained in the general ledger.

4. ASSUMPTIONS AND METHODOLOGIES

Direct Purchases were extracted from a transactional level report direct from the general ledger which provides details about the asset purchased. This permits reporting in the appropriate asset category as required in the Regulatory Accounting Statements.

Where the Project has been capitalised, Business Property Unit codes (BPU) are recorded against the Project to assign the asset category for capitalisation. Using an Access Database, a mapping process is undertaken to identify the AER asset category. This process also identifies unregulated Capex to be excluded.

Where the Project remains under construction and is yet to be capitalised, details are extracted from the Ellipse estimating module to ascertain the types of assets under construction. Once the information is extracted into Excel a mapping table is applied to convert the type of assets into the RIN asset categories.

More specifically, Ergon Energy makes the following comments regarding costs reported in the template tables:

- Actual Capital Contributions are not recorded against specific asset categories in the Ellipse general ledger. Therefore, an apportionment process has been applied to report against asset categories. This is based on the percentage split of asset categories for CICW expenditure from the Ellipse Project Accounting module.
- Within the Ergon Energy Ledger shared costs that have been charged via the overhead allocation process in accordance with the CAM are identified by an element code of 8100 within the chart of accounts hierarchy. The numbers shown in the template are a summary of these overhead costs by asset category.

Ergon Energy makes the following comments as relevant to the tables in Template 5.

Table 4-3: Template 5 - Capex – SCS by Reason

Items	Underlying Assumptions and methodology
Forecasts	<p>Ergon Energy has used the forecasts as amended by the Order of the Australian Competition Tribunal (ACT), and adjusted these amounts for actual consumer price index (CPI).</p> <p>The adjusted amounts were calculated by allowing for a change between forecast and actual CPI for the 2013-14 regulatory year in the Post Tax Revenue Model (PTRM) used to derive the ACT's final merits review decision.</p> <p>The actual CPI entered into the PTRM is based on the relevant Australian Bureau of Statistics (ABS) March to March CPI weighted average of 8 capital cities result (catalogue # 6401.0) sourced from the ABS website.</p> <p>In order to disaggregate the forecasts for Template 5, a separate Excel spreadsheet was produced to recast the AER approved forecast Capex and forecast capital contributions into the RIN formats and into \$2013-14 terms. These figures were then reconciled against the forecast Capex and forecast capital contribution figures derived at the macro level from the CPI adjusted PTRM noted above.</p>
Asset replacement	<p>Ergon Energy's Capex is recorded in the general ledger against a series of codes that specify the nature of the Capex cost. The identification of the amount to report as asset replacement involves summarising the amounts recorded against the appropriate code</p>
Corporate initiated	<p>Ergon Energy's Capex is recorded in the general ledger against a series of codes</p>

4. ASSUMPTIONS AND METHODOLOGIES

Items	Underlying Assumptions and methodology
augmentation	that specify the nature of the Capex cost. The identification of the amount to report as corporate initiated augmentation involves summarizing the amounts recoded against the appropriate code.
CICW	Ergon Energy's Capex is recorded in the general ledger against a series of codes that specify the reason for the Capex. The identification of the amount to report as CICW is simply a matter of summarising the amounts recoded against the appropriate code
Reliability /quality improvement	Ergon Energy's Capex is recorded in the general ledger against a series of codes that specify the nature of the Capex cost. The identification of the amount to report as reliability/quality Improvement involves summarising the amounts recoded against the appropriate code.
Other	Ergon Energy's Capex is recorded in the general ledger against a series of codes that specify the nature of the Capex cost. The identification of the amount to report as other involves summarising the amounts recoded against the appropriate code.
Non-system assets	Non-System Capex is identified through an analysis of the relevant general ledger codes
Total distribution	Formula summing all distribution Capex.

All material differences identified in Table 1 are to be explained in Table 2. Material differences are defined as the difference that is greater than 10% between AER approved forecasts (as per the AER FDD adjusted by CPI to the relevant regulatory year dollar value, or the ACT's orders), and Ergon Energy's reported actual amount.

On 13 October 2011, the Queensland Government announced the Electricity Network Capital Program (ENCAP) Review 2011. This independent Expert Panel reviewed the delivery of the capital program and provided advice to the government on the immediate and long-term savings, recommended changes and the benefits and risks of these changes in maintaining a secure, reliable and efficient network, with the final report provided in November 2011. The review identified significant reductions in Ergon Energy's capital expenditure program over the current regulatory control.

In addition, in May 2012, the Queensland Government established an Interdepartmental Committee on Electricity Sector Reform with a view to ensuring:

- electricity in Queensland is delivered in a cost-effective manner to consumers;
- Queensland has a viable, sustainable and competitive electricity industry; and
- electricity is delivered in a financially sustainable manner from the Queensland Government's perspective.

In response, Ergon Energy undertook a further review of our capital expenditure program and identified the potential for additional reductions in capital expenditure over and above those already identified through the ENCAP Review.

Table 4-4: Template 5 - Capex - Explanation of Material Differences

Items	Underlying Assumptions and methodology
Asset replacement	<p>Asset Replacement expenditure was 21.75% below the 2013-14 AER forecast. This result was largely driven by:</p> <ul style="list-style-type: none"> ▪ Imposed program controls to be able to absorb over expenditures in previous years as a result of Cyclones Yasi and Oswald and to avoid cost pass-through support associated with these events; and ▪ Minor expenditure reclassifications accounting for a \$3.8 million reduction against actuals. The reclassification relates to expenditure items that were included in the original asset replacement forecasts, but the actual expenditure was not deemed to be related to asset replacement. Rather, the expenditure was reclassified to its respective categories e.g. non-system expenditure.
Corporate initiated augmentation	<p>Corporate initiated augmentation expenditure was 59.72% below the 2013-14 AER forecast. This result was largely driven by:</p> <ul style="list-style-type: none"> ▪ A reduction in demand driven investment as a result of lower-than forecast demand. This resulted in a scaling back of Ergon Energy's capital works program; ▪ The reduced demand also improved the attractiveness of alternative energy options as a means of addressing future network demand (rather than more conventional, and potentially more expensive, options). These factors contributed to the removal of \$34 million of planned investments from the program in 2013-14. ▪ New (reduced) security standards arising from the Queensland Government's ENCAP Review. This reduced Ergon Energy's overall capital expenditure levels, while maintaining an acceptable risk profile and delivering acceptable customer security outcomes; and ▪ Reform of the Solar Bonus Feed In Tariff which encourages customers to use energy when their solar panels produce energy instead of network peak periods.
CICW	<p>Customer initiated capital works was 45.57% below the 2013-14 AER forecast. This result was largely driven by:</p> <ul style="list-style-type: none"> ▪ Subdued economic growth and appreciation of the Australian dollar significantly reduced demand against forecasts for new customer connections, including subdivisions; and ▪ Increasing customer investment into efficiency and alternative energy solutions within their own installations.
Reliability /quality improvement	<p>Reliability/quality improvement was 32.57% above the 2013-14 AER forecast. This result was largely driven by:</p> <ul style="list-style-type: none"> ▪ Strong activity in Auto Circuit Re-closer (ACR), Power Quality and Ancillary Equipment investments. In particular, procurement of ACR and Gas Switch materials and equipment in preparation for the 2014/15 ACR Program installations and acceleration of re-closer installations from the ACR program

4. ASSUMPTIONS AND METHODOLOGIES

Items	Underlying Assumptions and methodology
	<p>on high priority/risk reliability feeders; and</p> <ul style="list-style-type: none"> Funding of ACR investments and some protection projects with large reliability benefits, previously forecast against other system capex funding.
Other	<p>Other capital expenditure was 41.74% under the 2013-14 AER forecast. This result was largely driven by:</p> <ul style="list-style-type: none"> Reclassification of \$17.3 million of communications assets constructed in C2050 (originally classified as Other System Capex) to non-system assets consistent with reporting requirements under the AER's Regulatory Information Notice; Lower than expected ACR investments due to funding against Reliability funding and long lead times in program establishment; Following completion of the core work program, closures of the Cyclone Area Response and Emergency (CARE) and Community Powerline Project Fund (CPP) programs based on extensive customer engagement putting price/affordability ahead of increased reliability; and Consolidation of single wire earth return (SWER) improvement investments (previously captured with the "other" expenditure category) into the major capital investment programs. That is, instead of dedicated or separate SWER improvement investments, it was deemed more efficient to progress SWER improvements through other programs such as Reliability and Augmentation.
Non System Assets	<p>Non system asset expenditure was 8.23% above the 2013-14 AER forecast. Consistent with the reduction in "other" expenditure, this result was largely driven by the inclusion of \$17.3 million of communications assets constructed in C2050 (Other System Capex) into non-system asset classes (e.g. Radio base stations & Mobile Radios).</p>

Table 4-5: Template 5 - Capex - ACS

Items	Underlying Assumptions and methodology
Street Lighting	<p>Data for street lighting is extracted from the Ellipse system in the same manner described above under heading Template 5 – Capital expenditure (including overheads) with further filters applied to activity codes to obtain ACS (street lighting).</p>
Fee based services	<p>Capex is not incurred on Fee Based Services.</p>
Quoted services	<p>Ergon Energy's Capex is directly attributed in the general ledger against a series of codes that specify the reason for the Capex. The identification of the amount to report as Quoted Services involves summarising the amounts recoded against the appropriate code</p>

4. ASSUMPTIONS AND METHODOLOGIES

Table 4-6: Template 5 - Capex - Other services

Items	Underlying Assumptions and methodology
Negotiated Services	Ergon Energy has no Negotiated Services.
Unregulated Services	Ergon Energy's Capex is recorded in the general ledger against a series of codes that specify the nature of the Capex cost. The identification of the amount to report as unregulated services involves summarising the amounts recoded against the appropriate code.

Items in the "Related Party Transactions" table, items which are more than 5% of the total SCS or ACS Capex respectively must be listed separately.

Table 4-7: Template 5 - Capex - Related party transactions

Items	Underlying Assumptions and methodology
Related Party Transactions	<p>The value of related party transactions is identified by billings issued by Ergon Energy Telecommunications Pty Ltd (EETL) and SPARQ Solutions Pty Ltd (SPARQ). The billings are allocated between (a) entities paid on behalf of; (b) Regulatory or Non-regulatory expenses; and (c) operating expenditure (Opex) or Capex expenses.</p> <p>Allocation between entities is established by budget allocation, while allocation between Regulatory and Non-regulatory is based on actual full year overhead allocation.</p> <p>Allocation between Opex and Capex for SPARQ billings is determined using the Ellipse general ledger percentage split between Opex and Capex expenditure. All EETL billings are classified as Opex.</p>

Table 4-8: Template 5 - Capex - Capital contributions and Disposals by Asset Class

Items	Underlying Assumptions and methodology
Capital Contributions	Actual Capital Contributions are not recorded against specific asset categories in the Ellipse general ledger. Therefore, an apportionment process has been applied to report against asset categories. This is based on the percentage split of asset categories for CICW expenditure from the Ellipse Project Accounting module.
Disposals by asset class	The Ergon Energy fixed assets register records and reports the value of asset disposals as well as any proceeds received. This reporting is by the asset categories used in the asset register, these are mapped to the AER reporting categories using the mapping table used for the preparation of other AER templates requiring a similar dissection.

4.2.3.3 Template 7 – Capex for tax depreciation

Template 7 requires Ergon Energy to provide Tax Standard Lives and Capex additions for SCS, split into system and non-system assets. Ergon Energy understands that the information provided will be used by the AER to allow the roll forward of the RAB.

4. ASSUMPTIONS AND METHODOLOGIES

Ergon Energy makes the following comments with regards to the Tax Standard Lives.

Table 4-9: Template 7 - Capex for tax depreciation - Tax Standard Live and Capex Additions - SCS

Items	Underlying Assumptions and methodology
System Assets	The Ergon Energy Fixed Assets Register contains the capital value for all assets. It also contains standard lives which are adjusted in accordance with any revisions issued by the Australian Taxation Office. The AER asset reporting categories at times contain assets with differing lives, e.g. sub-transmission concrete poles have a different life to sub-transmission steel towers. In these instances a weighted average life, based upon the capital value was calculated and reported.
Non-System Assets	Non-system assets follow the same process as used for system assets.

4.2.3.4 Template 8 – Network Maintenance (including overheads)

Table 8 requires Ergon Energy to provide information on network maintenance by category; explanation of material differences under network maintenance; and other network maintenance costs. Ergon Energy understands that the information is necessary for the AER to monitor maintenance expenditure and will be used to inform the AER's assessment of maintenance expenditure and its underlying drivers at the next reset. It will also be used to assist in any comparative analysis undertaken by the AER within the current and future regulatory control periods.

Ergon Energy makes the following comments with regards to the respective tables completed in the Network Maintenance template. Of note, Network Maintenance is readily identified by activity codes within the general ledger coding structure. A mapping and summarisation process is used to convert the costs held against specific activity codes into the reporting categories.

Table 4-10: Template 8 – Network Maintenance - Network maintenance by category

Items	Underlying Assumptions and methodology
Forecast	<p>Ergon Energy has used the forecasts as amended by the ACT, and adjusted these amounts for actual CPI.</p> <p>The adjusted amounts were calculated by allowing for a change between forecast and actual CPI for the 2013-14 regulatory year in the PTRM used to derive the ACT's final merits review decision.</p> <p>The actual CPI entered into the PTRM is based on the relevant Australian Bureau of Statistics (ABS) March to March CPI weighted average of 8 capital cities result (catalogue # 6401.0) sourced from the ABS website.</p> <p>In order to disaggregate the forecasts for Template 8, a separate Excel spreadsheet was produced to recast the AER approved forecast Opex into the RIN formats and into \$2013-14 terms. These figures were then reconciled against the forecast Opex figures derived at the macro level from the CPI adjusted PTRM noted above.</p>
Preventive Maintenance	Comprises schedule inspection and maintenance activity. This work is carried out at predetermined intervals, or in accordance with prescribed intervals, or in accordance with prescribed criteria, in order to minimise the probability of network

4. ASSUMPTIONS AND METHODOLOGIES

Items	Underlying Assumptions and methodology
	<p>failure, minimise total life cycle costs, meet required operating conditions and performance standards, and keep Ergon Energy staff and the public safe. Work that is identified from this program can be undertaken as either asset renewal (defect manual) Capex or corrective maintenance, so that forced and corrective maintenance can be averted.</p> <p>The cost of preventative maintenance is identified by separate codes within the general ledger. Reporting is therefore a matter of extracting the total expenditure.</p> <p>The adjustment relates to the cost of preventative maintenance on Ergon Energy's isolated and unregulated assets. These costs are separately identified in the general ledger.</p> <p>The cost of preventative maintenance on ACS assets is also identified by an activity code within the general ledger coding structure.</p>
Corrective Maintenance	<p>Involves planned repair work identified and assessed as defects from preventative maintenance or customer reports in order to prevent an unplanned outage or dangerous electrical event. This category of work is planned and carried out regularly. The largest element of Ergon Energy's corrective maintenance program relates to vegetation management.</p> <p>The cost of corrective maintenance is identified by separate codes within the general ledger. Reporting involves extracting the total expenditure.</p> <p>The adjustment relates to the cost of corrective maintenance on Ergon Energy's isolated and unregulated assets. These costs are separately identified in the general ledger. The cost of corrective maintenance on ACS assets is also identified by an activity code within the general ledger coding structure.</p>
Forced Maintenance	<p>Involves unplanned repair, replacement or restoration work that is carried out as quickly as possible after the occurrence of an unexpected event or failure in order to bring the distribution network to at least its minimum acceptable and safe operating condition. Although it is unplanned, an annual provision is made for this category of expenditure.</p> <p>The cost of forced maintenance is identified by separate codes within the general ledger. Reporting involves extracting the total expenditure.</p> <p>The adjustment relates to the cost of forced maintenance on Ergon Energy's isolated and unregulated assets. These costs are separately identified in the general ledger.</p> <p>The cost of forced maintenance on ACS assets is also identified by an activity code within the general ledger coding structure.</p>
Other network maintenance costs	<p>Ergon Energy's maintenance costs are identified by specific codes within the General Ledger hence there are no amounts to be included in 'other'</p>

Of note, all material differences identified in the Network Maintenance by Category table (against forecast) are required to be explained. Material differences are defined as the difference that is greater than 10%

4. ASSUMPTIONS AND METHODOLOGIES

between AER approved forecasts (as per the AER FDD adjusted by CPI to the relevant regulatory year dollar value, or the ACT's orders), and Ergon Energy's reported actual amount.

Table 4-11: Template 8 – Network Maintenance – Explanation of Material Differences

Items	Underlying Assumptions and methodology
Preventive Maintenance	<p>The expenditure on Preventive Maintenance was below the AER forecast amount for 2013-14. The \$46million (-42%) underspend was primarily due to the interventions initiated during 2012-13 with those now maturing and delivering increased savings. Factors producing additional savings during 2013-14 include:</p> <ul style="list-style-type: none"> ▪ Implementation of multi-tiered pole inspection cycle based on type of pole (wood, concrete, etc.) and location (urban, rural, remote); ▪ Introduced new pole inspection contracts which have resulted in lower contract pricing.
Corrective Maintenance	<p>The expenditure on Corrective Maintenance was below the AER forecast amount for 2013-14. The \$14.8 million (-12%) underspend was primarily due to the interventions initiated during 2012-13 with those now maturing and delivering increased savings.</p> <p>Factors producing additional savings during 2013-14 include:</p> <ul style="list-style-type: none"> ▪ Initial implementation of the Remote Observation Asset Modelling Economic Simulation (ROAMES) system positively impacting vegetation management expenditure. ▪ Introduced new vegetation management contracts which have resulted in lower contract pricing. <p>The above efficiencies offset some additional spend (above budget) incurred to:</p> <ul style="list-style-type: none"> ▪ Manage asset risk following severe weather events; and ▪ Address some areas of increased asset degradation.
Forced Maintenance	<p>The expenditure on Forced Maintenance was above the AER Forecast amount for 2013-14. The \$23.9 million (+54%) overspend was primarily due to:</p> <ul style="list-style-type: none"> ▪ Works associated with response to multiple cyclone events totalled \$8 million <ul style="list-style-type: none"> ○ Cyclone Dylan \$2.6 million ○ Cyclone Ita \$5.4 million ▪ Higher-than-forecast forced maintenance expenditure in response to storm/lightning activity.
Other network maintenance costs	Nil to report

Items in the "Other Network Maintenance Costs" item of the Network Maintenance by Category table, that are more than 5% of the total SCS or ACS network maintenance costs, are required to be separately listed.

Table 4-12: Template 8 – Network Maintenance – Other network maintenance costs

Items	Underlying Assumptions and methodology
Other network maintenance costs	All of Ergon Energy’s maintenance expenditure can be identified and reported against specific categories without having to use an “other” classification.

Related Party transactions, which are more than 5% of the total SCS or alternative control network maintenance costs, are required to be separately listed.

Table 4-13: Template 8 – Network Maintenance – Related party transactions

Items	Underlying Assumptions and methodology
Related Party Transactions	These are identified using billing summaries provided by SPARQ and EETL. EETL provides telecommunications to the Ergon Energy Group; the total amount is therefore classified as an Opex cost. The total billing is split between the entities in the Ergon Energy Group using the methodology specified in the CAM. The amount that relates to SCS is calculated on a pro-rata basis.

4.2.3.5 Template 10 – Network Operating costs (including overheads)

The AER have stated that the information provided is necessary for the monitoring of operating costs, and will be used to inform the AER’s assessment of operating costs and its underlying drivers at the next reset. It will also be used to assist in any comparative analysis undertaken by the AER within the current and future regulatory control periods.

Template 10 requires Ergon Energy to provide information on network operating costs; and an explanation of material difference (10% variance between Forecast and Actual). In addition, Ergon Energy is also required to provide further dissemination of other operating costs; related party transactions; non-recurrent operating costs where items are greater than 5% of the SCS and ACS operating costs. Finally, information is required on other non-network alternatives not captured under the DMIS.

Ergon Energy makes the following comments in regards to the compilation of the Network Operating Costs template.

Table 4-14: Template 10 – Network Operating Expenditure - network operation costs

Items	Underlying Assumptions and methodology
Forecasts	Ergon Energy has used the forecasts as amended by the ACT, and adjusted these amounts for actual CPI. The adjusted amounts were calculated by allowing for a change between forecast and actual CPI for the 2013-14 regulatory year in the PTRM used to derive the ACT’s final merits review decision. The actual CPI entered into the PTRM is based on the relevant Australian Bureau of Statistics (ABS) March to March CPI weighted average of 8 capital cities result (catalogue # 6401.0) sourced from the ABS website.
Network operating costs	Network operating costs are separately identified in the Ellipse general ledger.

4. ASSUMPTIONS AND METHODOLOGIES

Items	Underlying Assumptions and methodology
	Adjustments relate to amounts directly attributed to the isolated networks.
Meter reading	<p>Costs incurred in Ergon Energy's capacity as a Metering Data Provider for Types 5, 6, and 7 metering installations and customer service activity.</p> <p>The cost of meter reading is identified by separate codes within the general ledger. Reporting requires extracting the total expenditure from designated codes.</p> <p>The adjustment relates to the cost of meter reading for customers on Ergon Energy's isolated and unregulated networks. These costs are separately identified in the general ledger</p>
Customer service (incl. Call Centre)	<p>Customer Service relates to the cost of providing customer service to customers.</p> <p>Customer Service costs is separately identified in the general ledger.</p> <p>The adjustment relates to the cost of providing customer service to customers on Ergon Energy's isolated and unregulated networks.</p>
Other operating costs	<p>The regulated component of these costs relates, in part, to the DM incentive arrangements and GSLs which are separately identified in the Ellipse general ledger.</p> <p>The adjustment relates to unclassified costs of operating the isolated and unregulated assets</p>

Of note, all material differences identified in Table 1 are to be explained in Table 2. Material differences are defined as the difference that is greater than 10% between AER approved forecasts (as per 2010-15 Distribution Determination adjusted by CPI to the relevant regulatory year dollar value, or the ACT' orders), and Ergon Energy's reported actual amount.

Table 4-15: Template 10 – Network Operating costs - Explanation of material difference

Items	Underlying Assumptions and methodology
Network operating costs	<p>The expenditure on Network Operating Costs was above the AER Forecast amount for 2013-14. The \$4 million (+12%) overspend was primarily due to costs associated with the expansion of the Communications Network Operations Centre (CNOC).</p> <p>The growth in this area of operations exceeds that forecast at the time of the AER submission and work is underway to limit the impact. The growth required in this area was unforeseen at the time of the current period submission and relates to demand for more detailed and real time network monitoring. Impacting this is the penetration of PV installation, rise in alternate energy solutions and Safety Net reliance on real time system information. The extent of these was not anticipated at the time of the forecast.</p>
Customer service (incl. Call Centre)	<p>There was significant spend in Customer Installation Services covering customer-related activities that are ancillary to the provision of Ergon Energy's broader network, connection and metering services, including: cold water reports; check inspections; revenue protection; customer support; managing safety compliance; and customer advisory services. The actual costs exceeded forecast as a</p>

4. ASSUMPTIONS AND METHODOLOGIES

Items	Underlying Assumptions and methodology
	significant amount of budgeted spend was disallowed in the AER FDD and Merits review associated with this category, and driven by high demand for solar photovoltaic work.
Other operating costs	<p>Primarily driven by the increase in FiT payments paid to customers on the Solar Bonus Scheme. The spectacular growth of solar photovoltaic (PV) panels has been partly attributed to the State Government's original 44 cents per kilowatt hour feed-in-tariff (FiT). The number of premises with PV panels on Ergon Energy's network has seen a 50-fold increase in five years and as at 30 June 2014, over 97,000 customers had connected solar PV. This incorporates 16% of Ergon Energy's entire residential customer base, accounting for approximately 21% of all detached residential houses in regional Queensland. During 2013-14, some 17,700 new solar energy (photovoltaic) systems were connected to the network. As a result, costs for the feed-in tariff have considerably exceeded Ergon Energy's expectations for 2013-14.</p> <p>Training costs were below forecast because staff numbers have reduced as a result of falling demand and the associated reductions in the works program. Therefore there is less staff to train which is reflected in lower training costs. Further the focus on training is now more based around on the job training rather than attending external courses resulting in cost savings.</p>

Items in the "Other Operating Costs" item of the Operating Costs table, that are more than 5% of the total SCS or ACS network operating costs, are required to be separately listed.

For greater transparency, Ergon Energy has disclosed most items in the Other Operating Costs item, in Table 3.

Table 4-16: Template 10 – Operating costs - Other operating costs

Items	Underlying Assumptions and methodology
Other operating costs	Other operating costs are directly attributed and relate to GSLs and unclassified costs relating to the isolated and unregulated assets.

Related party transactions that are more than 5% of the total SCS or ACS network operating costs are required to be separately listed in Table 4.

Table 4-17: Template 10 – Operating costs - Related party transactions

Items	Underlying Assumptions and methodology
Related party transactions	These are identified using billing summaries provided by SPARQ and EETL. EETL provides telecommunications to the Ergon Energy Group; the total amount is therefore classified as an Opex cost. The total billing is split between the entities in the Ergon Energy Group using the methodology specified in the CAM.

4. ASSUMPTIONS AND METHODOLOGIES

Non Recurrent network operating costs that are more than 5% of the total SCS or ACS network operating costs, are required to be identified in Table 5.

Table 4-18: Template 10 – Operating costs - non-recurrent network operating costs

Items	Underlying Assumptions and methodology
Nil	Ergon Energy has not identified any non-recurrent network operating costs for 2013/14.

Table 6 requires Non-Network alternatives operating costs that are not captured by the DMIS. Ergon Energy makes the following comments with respect to Template 10, Table 6.

Table 4-19: Template 10 – Non-network alternatives (demand management) operating costs that are not captured by the DMIS (\$nominal)

Items	Underlying Assumptions and methodology
Non-Network Alternatives	<p>Non-Network Alternatives (NNA) are systems and processes implemented to reduce peak demand on the shared network. As such, all expenditure is related to SCS.</p> <p>NNA costs are separately identified in the general ledger.</p> <p>“Impact on demand (MW) current year” refers to new load brought under control, contracted to be interrupted or removed from network loads as a result of the project in the annual reporting period. This should change to MVA in future reporting periods.</p> <p>“Impact on demand (MW) project to date” refers to new load brought under control, contracted to be interrupted or removed from network loads as a result of the project since the project commenced. This should change to MVA in future reporting periods.</p> <p>"Deferred capital costs from DM project (\$'000 nominal) Current Year impact" refers to the average annual deferral value expected to be delivered by the project on successful delivery of the NNA solution.</p> <p>"Deferred capital costs from DM project (\$'000 nominal) Whole of Project Life Impact" refers to the total deferral value expected to be delivered by the project on successful delivery of the NNA solution."</p> <p>"Operating costs from DM project (\$'000 nominal) current year costs" refers to NNA Opex costs incurred by the project in the annual reporting period.</p> <p>"Operating costs from DM project (\$'000 nominal) total project costs to date" refers to NNA Opex costs incurred by the project since the project commenced.</p>

4.2.3.6 Template 16 – Avoided cost payments

The AER has stated that this information is necessary for the monitoring of avoided cost payments, and will be used to inform the AER’s assessment of expenditure and its underlying drivers at the next reset. It will also be used to assist in any comparative analysis undertaken by the AER within the current and future regulatory control periods.

4. ASSUMPTIONS AND METHODOLOGIES

Ergon Energy makes the following comments with respect to Avoided cost payments.

Table 4-20: Template 16 – Avoided cost payments

Items	Underlying Assumptions and methodology
Avoided TUOS	<p>The methodology used in calculating the avoided cost payments is described in Ergon Energy's Information Guide for SCS Pricing, 1 July 2013 to June 2014 (release 1.0, 7 June 2013). The payments are calculated by the Service Transaction Centre using the process which is described below:</p> <p>Clause 5.5(h) of the NER requires DNSPs to calculate "avoided charges for the locational component of prescribed TUOS services", and clause 5.5(i) requires DNSPs to calculate the amount to be passed through to an Embedded Generator (EG). This is done by:</p> <ul style="list-style-type: none"> ▪ Determining the charges for the locational component of prescribed TUOS services that would have been payable by the DNSP for the relevant financial year "if the EG had not injected any energy at its connection point during that financial year"; and ▪ Determining "the amount by which the charges calculated in subparagraph (1) exceed the amount for the locational component of prescribed TUOS services actually payable by the DNSP, which amount will be the relevant amount for the purposes of paragraph (h) [clause 5.5(h)]". <p>Avoided TUOS payments are made by Ergon Energy to EGs who have sought access to Ergon Energy's distribution network under clause 5.5 of the NER and who are registered as a Generator Rules Participant.</p> <p>Also refer to the supplementary attachment for Revenues, for a further breakdown of DUOS and TUOS. Refer to Table 21-1: List of Attachments.</p>
Other	Nil to report.

4.2.3.7 Template 17 – Alternative control and other services

Template 17 requires reporting of ACS & other services and is required for the AER in monitoring ACS & other services, and will be used to inform the AER's assessment of expenditure and its underlying drivers at the next reset. It will also be used to assist in any comparative analysis undertaken by the AER within the current and future regulatory control periods.

Ergon Energy makes the following comments with respect to ACS and other services.

Table 4-21: Template 17 - Alternative control and other services

Items	Underlying Assumptions and methodology
ACS – fee based	ACS is directly attributed to specific general ledger product codes. Reporting is achieved by extracting from the general ledger the amounts against the relevant product codes. The split between directly attributed, overheads and revenue is performed by using codes specified in the general ledger established for that purpose.
ACS - quoted	ACS is directly attributed to specific general ledger product codes. Reporting is

4. ASSUMPTIONS AND METHODOLOGIES

Items	Underlying Assumptions and methodology
	<p>achieved by extracting from the general ledger the amounts against the relevant product codes. The split between directly attributed, overheads and revenue is performed by using the codes specified in the general ledger established for that purpose.</p> <p>Of note, the ACS Quoted Service category, 'Design and construct of new large customer connection assets' is misleading due to the inclusion of the term 'new' in the service category heading. Ergon Energy notes that this service can be applied to large customers requesting a new connection to the network or an upgrade to their existing connection. It would be more appropriate for the service category to be renamed as, 'Design and construct of large customer connection assets' in recognition that the costs may relate to new or augmented connection assets.</p> <p>To ensure consistency with the Income Statement Ergon Energy has included the value of gifted large customer connection assets as revenue.</p> <p>In addition, Ergon Energy is unable to report ACS by the dissemination level requested (feeder level) as indicated during the consultation process on the 2012-15 RIN. The Ellipse system reporting for ACS is by category, not by category and feeder (urban (UR), short rural (SR), long rural (LR), isolated). There are a number of complexities in implementing system changes, which if implemented would only be valid for 2 years of this regulatory control period, as there are a number of uncertainties around the classification of services and pricing arrangements that may / may not apply to Ergon Energy's services from 2015. Data for ACS is captured in two systems, Ellipse and FACOM, of which the later interfaces into Ellipse. FACOM is in the process of being decommissioned and replaced with a new system, to progress any system changes at this point would not be considered prudent spend.</p>
Other activities - unregulated	<p>ACS is directly attributed to specific general ledger product codes. Reporting is achieved by extracting from the general ledger the amounts against the relevant product codes. The split between directly attributed, overheads and revenue is performed by using the codes specified in the general ledger.</p>

4.2.3.8 Template 18 – EBSS

Template 18, Efficiency Benefit Sharing Scheme requires Ergon Energy to provide details of adjustments to controllable operating expenditure for the purposes of the operation of the AER's Electricity DNSPs, Efficiency Benefit Sharing Scheme (EBSS) (June 2008), as applicable to Ergon Energy for Opex for the current regulatory control period.

Requirements note that only superannuation costs relating to defined benefit schemes are to be reported, and only self-insurance cost categories approved in the AER's determination are to be reported.

An explanation of changes to Capitalisation Policy is also required, including a description of any items that have previously been considered as Opex items but are now considered Capex items.

In this regard, Ergon Energy has 'Nil' Capitalisation Policy Changes to report in table 2.

In completing Template 18, Opex for EBSS purposes (table 1), Ergon Energy makes the following comments.

Table 4-22: Template 18 - Opex for EBSS purposes

Items	Underlying Assumptions and methodology
Debt raising costs	Reflect the amount presented in Template 18, Table 1. This has been sourced / calculated from QTC information.
Self-insurance and insurance costs	<p>The amount disclosed as self-insurance and insurance costs consists of:</p> <ul style="list-style-type: none"> Self-insurance costs as per Template 21, Table 1 net of revenue received through external funding allocated in accordance with the CAM to derive the Opex SCS related portion (Self-insurance is distributed via corporate overheads shared costs pool, ultimately allocated between Opex/Capex according to processes described in the CAM). An overhead allocation of 27.1% is used. <p>Insurance costs are extracted from the ledger, Elements 5970-6000, and allocated in accordance with Ergon Energy's approved CAM to derive the Opex SCS related portion (Insurance costs are distributed via corporate overheads shared costs pool, ultimately allocated between Opex/Capex according to processes described in the CAM). Overhead allocation of 27.1% used (as per Self-Insurance).</p>
Superannuation defined benefit costs	<p>Relating to retirement scheme are extracted from the ledger, Element 6240 adjusted by a labour oncost split to derive the Opex related portion.</p> <p>(Superannuation defined benefits costs are distributed via the labour on-cost and corporate overhead shared costs, ultimately allocated between Opex/Capex according to processes described in the CAM). Labour oncost split of 26.07% used.</p>
DM innovation allowance costs	Total amount of the DMIA spent in 2013/14, as per Template 20.
Other	<p>Table Other includes</p> <ul style="list-style-type: none"> Non-network alternatives costs sourced from Template 10, Table 6 Pass Through Event costs represent the actual FIT operating costs reduced by the following: payments made to customers in isolated regions, incorrect payments to customers eligible for the 8c tariff yet incorrectly paid the 44c tariff, incorrect payments to customers not eligible for a tariff yet incorrectly paid the 8c tariff and the approved FIT forecast allowance. We note the FIT cost pass

4. ASSUMPTIONS AND METHODOLOGIES

Items	Underlying Assumptions and methodology
	through application has been prepared on an accruals basis in accordance with Chapter 6 of the NER, clause 6.6.1(j)(2).

4.2.3.9 Template 19 – Jurisdictional scheme amounts

Template 19 requires Ergon Energy to complete the table for each approved Jurisdictional Scheme. Ergon Energy understands that Jurisdictional Scheme information is used by the AER to monitor approved Jurisdictional Schemes throughout the regulatory control period.

In completing Template 19, Jurisdictional Scheme amounts, Ergon Energy makes the following comments.

Table 4-23: Template 19 - Jurisdictional scheme amounts

Items	Underlying Assumptions and methodology
Jurisdictional scheme amounts	Ergon Energy did not report any approved Jurisdictional Schemes as it is not yet operating under the jurisdictional scheme cost recovery provisions in Chapter 6 of the NER.

4.2.3.10 Template 20 – Demand Management Incentive Scheme

Template 20, Demand Management Incentive Scheme requires Ergon Energy to provide all DM innovation allowance information for the relevant regulatory control period. Ergon Energy understands this information will form the basis of the AER's assessment of the DNSP's compliance with the DMIS, and its entitlement to recover expenditure under the DMIS. The AER also state the information will also assist in assessing proposals for DM expenditure in Opex and Capex forecasts submitted in a DNSP's regulatory proposals, and in the development and implementation of the DMEGCIS (Demand Management and Embedded Generation connection incentive scheme), in future regulatory control periods.

In completing Table 20.1, demand management innovation allowance (DMIA) projects submitted for approval, expenditure under the DMIS, Ergon Energy makes the following comments.

Table 4-24: Template 20 - DMIA projects submitted for approval

Items	Underlying Assumptions and methodology
DMIA projects submitted for approval	<p>Operating costs represent those costs booked to activity code 55000 for the 2013-14 regulatory year as extracted from Ergon Energy's Ellipse financial reporting system.</p> <p>Activity code C2300 captures Capex costs; however no Capex costs were incurred during the 2013-14 regulatory year.</p> <p>For further information, Ergon Energy refers the AER to the attached 2013-14 Demand Management Innovation Allowance - Annual Report to the AER, for the regulatory year ended 30 June 2014.</p> <p>Refer to Table 21-1: List of Attachments.</p>

4.2.3.11 Template 21 – Self-Insurance

Template 21 Self-Insurance requires Ergon Energy to provide details of self-insurance events with an incurred cost of greater than \$100,000 per event and self-insurance events with an incurred cost of less than \$100,000.

Ergon Energy understands that information on actual, audited costs incurred by DNSPs on self-insurance events (collected annually) will assist the AER with determining an appropriate self-insurance allowance for DNSPs at the next regulatory reset.

The AER states the information is required to be reported annually so that DNSPs can clearly demonstrate (to the AER) that their business processes and reporting systems properly account for self-insurance events. This includes correctly accounting for the risks insured and costs to the DNSP.

For the purposes of completing Template 21, Self-Insurance event information has been sourced from the GSL and Claims group in Ergon Energy's Customer and Stakeholder Engagement business unit. Data was extracted from the Feedback and Claim Tracking System (FACTS), the claims database maintained by the group.

Table 4-25: Template 21 - Self-insurance events with an incurred cost of greater than \$100 000 per event

Items	Underlying Assumptions and methodology
Self-insurance events	<p>A review of claims paid data for the period 1 July 2012 to 30 June 2014 revealed one claim (\$133,107) with an incurred cost greater than \$100,000 per event and 735 claims with an incurred cost less than \$100,000 and with an aggregate cost of \$1,743,741.</p> <p>Ergon Energy's public liability policy has a per-claim (maintenance) deductible and an all claims (aggregate) deductible.</p> <p>Claims that have a cost less than the maintenance deductible are fully self-insured, meaning Ergon Energy incurs the total cost of the claim with no part of it paid by the insurer.</p> <p>Claims that have a cost that exceeds the maintenance deductible are also fully self-insured unless the total of the excess over the maintenance deductible of all claims is greater than the aggregate deductible.</p> <p>Once the aggregate deductible is exceeded, the insurer pays the cost of all claims net of the maintenance deductible which applies to each claim.</p> <p>The maintenance and aggregate deductibles applying on Ergon Energy's policy since 2010-11 are:</p> <ul style="list-style-type: none"> ▪ 2010-11 Maintenance Deductible \$250,000; Aggregate Deductible \$1,000,000. ▪ 2011-12 Maintenance Deductible \$250,000; Aggregate Deductible \$1,000,000. ▪ 2012-13 Maintenance Deductible \$250,000; Aggregate Deductible \$1,000,000. ▪ 2013-14 Maintenance Deductible \$250,000; Aggregate Deductible \$1,000,000.

4.2.3.12 Template 22 – Change of Accounting Policy (CHAP)

Template 22 requires Ergon Energy to provide information on the aggregate effect of the change in accounting policy on the income statements and the reason for the change in accounting policy. Ergon Energy understands that the information is required by the AER to assess forecast expenditure proposed by

4. ASSUMPTIONS AND METHODOLOGIES

Ergon Energy's next reset. It captures changes in accounting policy made from year to year and the effect on the Financial Statements. The AER state this information will increase transparency and accountability to stakeholders.

Ergon Energy has applied the following changes to accounting policies for the 2013-14 year:

- **Unbilled Network Charges**

As per AASB 118 Revenue, revenue derived from the rendering of services should be recognised in the period in which the services are provided. However, the revenue associated with the transaction must be able to be estimated reliably. Historically, the Ergon Energy has not accrued for unbilled network charges, in line with industry norms for a distribution/retailer. Ergon Energy was unable to start accrual accounting, as it was not able to reliably estimate a figure for the revenue in the Company.

During the year ended 30 June 2014, the Ergon Energy engaged external resources to build analytical capability which allowed Ergon Energy to accurately estimate network charges on a consumption model. Therefore Ergon Energy commenced accrual accounting for unbilled network charges.

- **AASB 119 Employee Benefits**

As a result of AASB 119 revisions, the Ergon Energy has changed its accounting policy with respect to the basis for determining the expense related to its defined benefit fund.

The amount of net defined benefit expense that is recognised in profit or loss under the revised standard is higher than the amount that would have been recognised under the old rules, with an equal and opposite change to the amount that is recognised as re-measurement in other comprehensive income. This is the result of a decrease in the rate used to calculate the expected return on plan assets.

4.2.4 Non-Financial Regulatory Templates

4.2.4.1 Template 1a – STPIS Reliability

Template 1a requires Unplanned SAIDI and SAIFI (total, and total after removing excluded events), by each of Ergon Energy's feeder categories (UR, SR, LR) and also by Whole Network.

For ease of review, Ergon Energy has disaggregated comments on Template 1a (STPIS) Reliability by table, and by requirement within each table. Comments are therefore presented below, for each of SAIDI and SAIFI performance. The following general comments apply to all data presented in Template 1a.

Table 4-26: Template 1a - STPIS Reliability – Unplanned SAIDI/SAIFI

Items	Assumptions and methodology
Unplanned SAIDI / Unplanned SAIFI	<p>All the reporting for the Reliability of Supply (RoS) component of STPIS are based on the network outage data retrieved from Feeder Stat (FDRSTAT) Oracle Database Tables recorded for the relevant regulatory year.</p> <p>Ergon Energy does not capture momentary interruption data, therefore it is not reported.</p> <p>Distribution Feeders are categorised as UR, SR or LR as per the definitions in Appendix A of the AER's Electricity DNSPs, STPIS (November 2009). Reporting is based on the feeder category that a feeder is considered to be at the end of the regulatory year as at 30 June.</p> <p>Exclusions are applied in accordance with clauses 3.3(a) & (b) (for RoS Reporting)</p>

Items	Assumptions and methodology
	<p>of the AER's Electricity DNSPs, STPIS (November 2009). FDRSTAT has provision for different outage flags that are also applied to tag the outages for exclusions appropriately.</p> <p>Reliability of Supply reporting for SAIDI and SAIFI "Total":</p> <ul style="list-style-type: none"> ▪ SAIDI and SAIFI for each feeder category calculated based on all Unplanned Sustained Outages including all MEDs and non-MED exclusions for the relevant regulatory year. <p>Reliability of Supply reporting for SAIDI and SAIFI "Total – after removing excluded events":</p> <ul style="list-style-type: none"> ▪ SAIDI and SAIFI for each feeder category calculated based on all Unplanned Normal and Single Customer Sustained Outages excluding all MEDs and non-MED exclusions for the relevant regulatory year. <p>For each feeder category, the End of Year unplanned SAIDI/SAIFI are calculated by dividing the total of unplanned customer minutes and customer interruptions (filtered as per below) for the regulatory year by the average of the numbers of customers on that feeder category at the beginning of the reporting period (1 July) and the number of customers at the end of the reporting period (30 June).</p> <p>For SAIDI/SAIFI for each feeder category "Total Unplanned" (refer above), the Sustained Outages Data fits the following criteria:</p> <ul style="list-style-type: none"> ▪ Financial Year 2013-14 (Between 1 July and 30 June) ▪ Completed Unplanned Sustained Interruptions (Interruptions greater than one minute) ▪ Feeder Categories: Urban, Short Rural & Long Rural ▪ SAIDI calculation - Customer Minutes DIVDED BY Average Number of Customers ▪ SAIFI calculation - Customer Interruptions DIVDED BY Average Number of Customers <p>INCLUDE:</p> <ul style="list-style-type: none"> ▪ Normal ▪ Service Fuse or Beyond ▪ STPIS MED day Exclusions ▪ Generation (Exemption clause: 3.3 (a) (2)) ▪ Shared Transmission (Exemption clause: 3.3 (a) (5)) ▪ Public Safety Isolation (Exemption clause: 3.3 (a) (7)) Exclusions <p>For SAIDI/ SAIFI for each feeder category "Total – after removing excluded events" (refer above), the Sustained Outages Data fits the following criteria:</p> <ul style="list-style-type: none"> ▪ Financial Year 2013-14 (Between 1 July and 30 June) ▪ Completed Unplanned Sustained Interruptions (Interruptions greater than one

Items	Assumptions and methodology
	<p>minute)</p> <ul style="list-style-type: none"> ▪ Feeder Categories: Urban, Short Rural & Long Rural ▪ SAIDI calculation - Customer Minutes DIVDED BY Average Number of Customers ▪ SAIFI calculation - Customer Interruptions DIVDED BY Average Number of Customers <p>INCLUDE:</p> <ul style="list-style-type: none"> ▪ Normal ▪ Service Fuse or Beyond <p>EXCLUDE:</p> <ul style="list-style-type: none"> ▪ STPIS MED day Exclusions ▪ Generation (Exemption clause: 3.3 (a) (2)) ▪ Shared Transmission (Exemption clause: 3.3 (a) (5)) ▪ Public Safety Isolation (Exemption clause: 3.3 (a) (7)) Exclusions <p>For the whole of network, the End of Year unplanned SAIDI/SAIFI are calculated by dividing the total of unplanned customer minutes and customer interruptions (filtered as per below) on all UR, SR and LR feeder categories for the regulatory year by the average of the total numbers of customers on all three feeder categories at the beginning of the reporting period (1 July) and the total number of customers at the end of the reporting period (30 June).</p> <p>For SAIDI/SAIFI for Whole of network "Total" as explained above, the Sustained Outages Data fits the following criteria to determine the WHOLE NETWORK SAIDI/SAIFI:</p> <ul style="list-style-type: none"> ▪ Financial Year 2013-14 (Between 1 July and 30 June) ▪ Completed Unplanned Sustained Interruptions (Interruptions greater than one minute) ▪ Feeder Categories: Whole of Network (Summates feeder categories Urban, Short Rural & Long Rural) ▪ SAIDI calculation - Customer Minutes DIVDED BY Average Number of Customers ▪ SAIFI calculation - Customer Interruptions DIVDED BY Average Number of Customers <p>INCLUDE:</p> <ul style="list-style-type: none"> ▪ Normal ▪ Service Fuse or Beyond ▪ STPIS MED day Exclusions

4. ASSUMPTIONS AND METHODOLOGIES

Items	Assumptions and methodology
	<ul style="list-style-type: none"> ▪ Generation (Exemption clause: 3.3 (a) (2)) ▪ Shared Transmission (Exemption clause: 3.3 (a) (5)) ▪ Public Safety Isolation (Exemption clause: 3.3 (a) (7)) Exclusions <p>For SAIDI/SAIFI for Whole of network "Total – after removing excluded events" as explained above, the Sustained Outages Data fits the following criteria to determine the WHOLE NETWORK SAIDI/SAIFI:</p> <ul style="list-style-type: none"> ▪ Financial Year 2013-14 (Between 1 July and 30 June) ▪ Completed Unplanned Sustained Interruptions (Interruptions greater than one minute) ▪ Feeder Categories: Whole of Network (Summates feeder categories Urban, Short Rural & Long Rural) ▪ SAIDI calculation - Customer Minutes DIVIDED BY Average Number of Customers ▪ SAIFI calculation - Customer Interruptions DIVIDED BY Average Number of Customers <p>INCLUDE:</p> <ul style="list-style-type: none"> ▪ Normal ▪ Service Fuse or Beyond <p>EXCLUDE:</p> <ul style="list-style-type: none"> ▪ STPIS MED day Exclusions ▪ Generation (Exemption clause: 3.3 (a) (2)) ▪ Shared Transmission (Exemption clause: 3.3 (a) (5)) ▪ Public Safety Isolation (Exemption clause: 3.3 (a) (7)) Exclusions
Average Distribution Customer Numbers	<p>Average number of customers (the number of distribution customers is calculated as the average of the number of customers at the beginning of the reporting period and the number of customers at the end of the reporting period) was used as the denominator for the calculation as per the formula outlined in Appendix A of the AER's STPIS scheme.</p> <p>Average number of distribution customers for whole of network is the average of the total numbers of customers on all three feeder categories (UR, SR and LR) at the beginning of the reporting period (1 July) and the total number of customers at the end of the reporting period (30 June).</p>

4.2.4.2 Template 1b – STPIS Customer Service

Template 1b Customer Service requires Ergon Energy to enter STPIS information concerning customer service parameters set out in the AER's Electricity Distribution Network Service Provider (DNSP), STPIS (November 2009), as applicable to Ergon Energy for the current regulatory control period. All results reported in Total, and after removal of excludable events.

4. ASSUMPTIONS AND METHODOLOGIES

Information is not required to be completed by Ergon Energy on new connections, streetlight repairs and responses to written enquiries (excluding Saturdays, Sundays and Public Holidays).

Ergon Energy makes the following comments in regards to the completed table for telephone answering in Template 1b.

Table 4-27: Template 1b - STPIS Telephone Answering

Items	Assumptions and methodology
Telephone Answering	<p>Ergon Energy provides a specific telephone line, which receives calls on 132296 and 131670, for electricity outage related calls and uses the Avaya Call Management System (CMS) Supervisor, an industry wide system developed by Avaya Inc. to process telephone calls. The fault call system is used to distribute calls to Ergon Energy operators at the National Contact Centre and its functions include, but are not limited to:</p> <ul style="list-style-type: none"> ▪ Recording volume of calls received at the call centre; ▪ Recording the length of time between a caller entering the system and the call answered by an operator; and ▪ Recording the length of time between a caller entering the system and the caller abandoning the call. <p>The system plays an Interactive Voice Recording (IVR) message prior to queuing the call for response by an operator. As stipulated in Appendix A of the STPIS, the time measured for a call begins after the caller decides to remain on the line after the IVR is played.</p> <p>Monthly telephone data is extracted from the Avaya CMS Supervisor using functions within the systems Graphical User Interface (GUI) by the Channel Operation Analyst and exported into an Excel spread sheet (STPIS GOS 13-14 Worksheet.xlsx), to be entered into the parameters listed in Table1 of the RIN. All totals exclude calls relating to an excluded event.</p>

4.2.4.3 Template 1c – STPIS daily performance

Template 1c STPIS daily performance, requires Ergon Energy to enter daily STPIS information concerning both reliability and customer service parameters set out in the AER's Electricity DNSPs, STPIS (November 2009), as applicable to Ergon Energy for the current regulatory control period.

The AER state the information is required is relative to Unplanned SAIDI/SAIFI only. The excluded events to be removed from the data refer only to events listed in clause 3.3(a) of the STPIS, with respect to reliability data, and in clause 5.4(a) of the STPIS with respect to customer service parameters.

Ergon Energy makes the following comments in this regard, for Reliability and Customer Service data.

Table 4-28: Template 1c - STPIS Daily performance data

Items	Assumptions and methodology
Daily performance data Customer	<p>Ergon Energy provides a specific telephone line, which receives calls on 132296 and 131670, for electricity outage related calls and uses the Avaya CMS Supervisor, an industry wide system developed by Avaya Inc. to process telephone</p>

4. ASSUMPTIONS AND METHODOLOGIES

Items	Assumptions and methodology
Service	<p>calls. The fault call system is used to distribute calls to Ergon Energy operators at the National Contact Centre and its functions include, but are not limited to:</p> <ul style="list-style-type: none"> Recording volume of calls received at the call centre; Recording the length of time between a caller entering the system and the call answered by an operator; and Recording the length of time between a caller entering the system and the caller abandoning the call. <p>The system plays an IVR message prior to queuing the call for response by an operator. As stipulated in Appendix A of the STPIS, the time measured for a call begins after the caller decides to remain on the line after the IVR is played.</p> <p>Daily telephone data is extracted from the Avaya CMS Supervisor using functions within the systems GUI by the Channel Operation Analyst and exported into an Excel spread sheet to be entered into the parameters listed in TableT1c of the RIN. All totals exclude calls relating to an excluded event.</p>

4.2.4.4 Template 1f – STPIS GSL

Template 1f requires Ergon Energy to provide information on the AER’s GSL scheme. Ergon Energy understands that the information is collected by the AER to inform the application of the STPIS to the DNSP in future regulatory periods. The AER state this information is also collected to monitor network performance, and may be used in performance reports. It is noted that if the AER’s GSL scheme has been applied at any time during the regulatory year, Table 1f.1 must be completed. However, if the scheme has not been applied during the regulatory control period, then Ergon Energy does not need to complete this table.

The AER’s GSL Scheme did not apply to Ergon Energy at any time during the regulatory year, therefore reporting for this template does not apply.

4.2.4.5 Template 3 – Outcomes Customer Service

Template 3 requires Ergon Energy to provide information on quality of supply, complaints pertaining to technical quality of supply and customer service. Ergon Energy understands that the information provided will be used to monitor the service performance of Ergon Energy and assist the AER understand service outcomes for customers. The AER also state the information will inform the AER’s assessment of future service improvement expenditure proposals by the DNSP. As with information provided in other templates the information provided may be used in performance reports.

Table 1 Quality of Supply is not required to be completed.

Ergon Energy makes the following comments on the Complaints – Technical quality of supply.

Table 4-29: Template 3 - Outcomes Customer Service - Complaints - Technical Quality of Supply

Items	Assumptions and methodology
Complaints by category (%); and Complaints by Likely	Ergon Energy is unable to report Template 3 Table 1: Quality of Supply information in accordance with the ‘complaint’ definition in the RIN at the level of dissemination required.

4. ASSUMPTIONS AND METHODOLOGIES

Items	Assumptions and methodology
Cause (%)	<p>The RIN defines 'Complaint' and 'Complaints – technical quality of supply', as:</p> <ul style="list-style-type: none"> 'Complaint' means a written or verbal expression of dissatisfaction about an action, a proposed action, or a failure to act by a distributor, its employees or contractors. This includes failure by a distributor to observe its published practices or procedures; 'Complaints – technical quality of supply' means the total number of complaints made to Ergon Energy including all written or emailed complaints, and complaints to the call centre, where the complaint raised issues about voltage variations. <p>Ergon Energy in the past reported complaints in the RIN dissemination required under the Queensland Competition Authority (QCA) Service Quality Guidelines from its system FDRSTAT. However, the term complaints was defined differently:</p> <ul style="list-style-type: none"> Complaints - Complaints are to be reported in accordance with Australian Standard 4269:1995, which defines a complaint as 'any expression of dissatisfaction with a product or service offered or provided'. Ergon Energy's system FDRSTAT captures calls at the first point of contact at this level of dissemination, not a complaint as defined in the RIN. If the RIN definition for complaints, had been more generalised the template would have been populated in accordance with the below table

Table 4-30: Template 3 - Outcomes Customer Service - Complaints - Technical Quality of Supply (under first point of call criteria)

2013-14	
Complaints - technical quality of supply - number	
Complaints by category (%)	
Low voltage supply	20.0
Voltage dips	3.4
Voltage swell	26.5
Voltage spike (impulsive transient)	1.5
Waveform distortion	1.7
TV or radio interference	3.3
Noise from appliances	0.1
Other	43.5
Complaints by Likely Cause (%)	
Network equipment faulty	16.8
Network interference by NSP equipment	2.3

4. ASSUMPTIONS AND METHODOLOGIES

	2013-14
Network interference by another customer	0.3
Network limitation	48.8
Customer internal problem	7.4
No problem identified	22.2
Environmental	0.3
Other	1.9

Ergon Energy makes the following comments with regards to Template 3, Customer Service.

Ergon Energy maintains a customer information system known as FACOM. All customers on Ergon Energy's network (both market and non-market customers) are stored within this database and customer numbers and information can be extracted from this database using Ergon Energy's ECORP or NetBill applications. A count of the number of street light appliances can also be obtained via NetBill.

The total number of customers for all tariff classes² is obtained as a report from the Customer Service Request System (SeRS) as at 30 June of the financial year in question of all National Metering Identifiers (NMIs) with the NMI_STATUS Active, DeEnergised, Greenfield and having a valid TNI_CODE and PRICE_ZONE.

Note: These numbers are based on NMIs which meet connected premise criteria, and do not include connected appliances such as street lights or unmetered supplies associated with these NMIs.

Ergon Energy currently does not maintain a database to capture the entire number of unmetered connections. Street lights that are owned and maintained by third parties and watchman lights, which make up over half of Ergon Energy's unmetered connections parameter reported by Ergon Energy, can be extracted using NetBill and ECORP respectively.

Table 4-31: Template 3 - Outcomes customer service - Customer service

Items	Assumptions and methodology
Timely provision of services	Numbers provided as sourced from the GSL Reporting database. This stores the historical data for completed stages of services orders. The numbers provided directly relate the service order type of Initial Connection – Consumer (Type 1, subtype 1, stage 6). Those not made on agreed date are defined as having a completed date after the target date.
Timely repair of faulty streetlights	The data capture system (FDRSTAT) is used for capturing streetlight outages, recording the time and date of the outage and the time and date of restoration. However, the system is not configured to categorise streetlight outages as a separate category for reporting purposes. Currently, to report this information would be a labour intensive process, which would involve investigating every entry in FDRSTAT for the year and manually record streetlight outages and the associated data.

² ICCs; CACs; EGs; SACs

Items	Assumptions and methodology
<p>Call Centre Performance (number, unless stated)</p>	<p>Calls to call centre fault line:</p> <ul style="list-style-type: none"> ▪ Ergon Energy uses Telstra Corporation for its telephony services. Telstra provide reporting capability through an online tool called “Telstra Analyser”. This tool allows Ergon Energy employees to analyse call traffic for Ergon Energy inbound services such as 1300 and 13 numbers. It can be used to identify the number of telephone calls made to each telephone number. For the purposes of identifying the number of calls made to the Contact Centre’s fault line this tool provides the relevant totals. The tool is able to identify between fault line calls and customer service calls, the latter is excluded for this requirement. The total includes all calls made, irrespective of whether the customer decided to speak with an operator or terminated the call whilst within the IVR system. The call total can then be entered into the parameters listed in Table 3 of the RIN. <p>Calls to fault line not answered within 30 seconds:</p> <ul style="list-style-type: none"> ▪ Ergon Energy provides a specific telephone line for electricity outage related calls and uses the Avaya CMS Supervisor, an industry wide system developed by Avaya Inc. to process telephone calls. The fault call system is used to distribute calls to Ergon Energy operators at the National Contact Centre and its functions include, but are not limited to: ▪ Recording volume of calls received at the call centre: ▪ Recording the length of time between a caller entering the system and the call answered by an operator; and ▪ Recording the length of time between a caller entering the system and the caller abandoning the call. <p>The Daily telephone data is extracted from the Avaya CMS Supervisor using functions within the systems GUI by the Channel Operation Analyst and exported into an Excel spread sheet. This data is then used to calculate the total number of calls not answered in 30 seconds by subtracting those calls that were answered in 30 seconds from the total number of calls. This can then be entered into the parameters listed in Table 3 of the RIN.</p> <p>Calls to fault line – average waiting time before call answered:</p> <ul style="list-style-type: none"> ▪ As the description of the Avaya CMS explains the system is able to provide details of the length of time between a caller entering the system and the call being answered by an operator. This information is extracted using a database tool called Brio Intelligence Explorer which takes data from the Avaya system and presents in the form of a pivot table. The calculation for average wait time is total number of time waiting divided by total number of calls answered. This can then be entered into the parameters listed in Table 3 of the RIN. <p>Calls Abandoned – percentage:</p> <ul style="list-style-type: none"> ▪ As the description of the Avaya CMS explains the system is able to provide details of the length of time between a caller entering the system and the call being answered by an operator. This information is extracted using a database

4. ASSUMPTIONS AND METHODOLOGIES

Items	Assumptions and methodology
	<p>tool called Brio Intelligence Explorer which takes data from the Avaya system and presents in the form of a pivot table. The calculation for percentage of calls abandoned is total number of calls abandoned divided by total number of calls offered. This can then be entered into the parameters listed in Table 3 of the RIN.</p> <p>Call centre – number of overload events:</p> <ul style="list-style-type: none"> ▪ As explained above Telstra provide reporting capability through an online tool called “Telstra Analyser”. This provides the ability to report on the number of events where the telephony system is unable to handle the number of calls being presented to it. This results in those calls being diverted to a message advising that it is not possible to connect their call. This report provides details of the date and times of the events and how many calls were impacted. This can then be entered into the parameters listed in Table 3 of the RIN.
Customer complaints (number)	<p>Ergon Energy has reported Customer Service complaints sourced from the FACTS. FACTS is a database capturing all customer feedback (positive and negative) and enquiries regarding GSLs.</p> <p>For the purposes of reporting customer complaints at the dissemination required in Template 3, Ergon Energy has filtered on all negative complaints and has mapped the RIN categories from the existing FACTS subcategories for the 2013-14 financial year.</p>

Template 5b – Network data – Feeder Reliability

Ergon Energy is required to provide information on Network Feeder Reliability under template 5b.

Ergon Energy understands that the information collected in Non-Financial Template 5b will be used by AER to inform the application of the STPIS to the DNSP in future regulatory periods. The information is also collected to monitor network performance, and may be used in performance reports.

Ergon Energy makes the following general comments in relation to Template 5b Network Data Feeder data.

Table 4-32: Template 5b – Network data feeder reliability

Items	Assumptions and methodology
Annual Feeder Reliability Data	<p>All the reporting for RoS component of STPIS is based on the network outage data retrieved from FDRSTAT Oracle Database Tables recorded for the relevant regulatory year.</p> <p>The definitions and methodology used are set out in the AER's Electricity DNSPs, STPIS (November 2009), as applicable to Ergon Energy for the current regulatory control period.</p> <p>Unique Feeder IDs are sourced from the FDRSTAT asset data.</p> <p>The Outages Data from FDRSTAT fits the following:</p> <ul style="list-style-type: none"> ▪ Financial Year 2013-14 (Between 1 July and 30 June) ▪ Include all distribution feeders that experienced completed sustained

Items	Assumptions and methodology
	<p>unplanned and planned interruptions (Interruptions greater than one minute)</p> <ul style="list-style-type: none"> ▪ Include all active distribution feeders that did not experience any outages and that have Customers Attached to the Feeder as at 30 June 2014 ▪ Feeder Categories: Urban, Short Rural & Long Rural ▪ Customer Minutes ▪ SAIFI calculation - Customer Interrupted DIVIDED BY FDR Average Number of Customers <p>Geographical location is Ergon Energy's legacy supply regions – i.e. FN (Far North), NQ (Northern Queensland), MK (Mackay), CA (Capricornia), WB (Wide Bay), and SW (South West).</p> <p>Distribution Feeders are categorised as UR, SR or LR as per the definitions in Appendix A of the AER's Electricity DNSPs, STPIS (November 2009). Reporting is based on the feeder category that a feeder is considered to be at the end of the regulatory year as at 30 June.</p> <p>Ergon Energy does not capture momentary interruption data, therefore it is not reported.</p> <p>The average number of customers on a feeder is calculated by adding the total of customers connected to the feeder at the beginning of the regulatory year (1 July) and the end of the regulatory year (30 June) and dividing the total by 2.</p> <p>Consistent with the STPIS definition, a customer is defined as a premise having an assigned NMI. Customer numbers are held in the ECORP database.</p> <p>Length of HV overhead distribution lines contains the total length in km of Ergon Energy owned, as constructed overhead conductors for each feeder.</p> <p>Length of HV underground distribution lines contains the total length in km of Ergon Energy owned, as constructed underground conductors for each feeder.</p> <p>It should be noted that the totals of the above two line length data have no bearing on the feeder category assigned to the distribution feeders for 2013-14 reliability performance reporting. The data set for above is sourced from the Asset Data system as it stands in the system and the network currently. The line length data that was utilised to assign feeder category were as per the beginning of the regulatory year 2013-14.</p> <p>The maximum demand values on a distribution feeder during the regulatory year are provided in MVA. This is provided by Ergon Energy's Distribution Planning Team through the Current State Assessment report for distribution feeders. These are the MVA values that were utilised to assign the feeder category for the reporting year. For fifty five (55) of the reported active feeders (with greater than 20 customers connected), the Maximum Demand (MVA) data was not available. The feeders are either SR or LR category. 41 are categorised based on confirmed line length data and the remaining 14 are assigned by default to SR due to a lack of confirmed line length or maximum demand data. There are a few relatively old feeders for which maximum demand data was not available mainly due to lack of</p>

Items	Assumptions and methodology
	<p>SCADA accessibility/metering.</p> <p>Number of unplanned outage records the total number of completed sustained unplanned interruptions (Interruptions greater than one minute) that occurred on that distribution feeder during the regulatory year, inclusive of all MEDs and non-MED exclusions.</p> <p>Unplanned customer minutes off-supply (including excluded events and MEDs) represents: The total number of unplanned customer minutes due to the completed sustained interruptions (Interruptions greater than one minute) that occurred on that distribution feeder during the regulatory year, inclusive of all MEDs and non-MED exclusions.</p> <p>Unplanned customer minutes off-supply (after removing excluded events and MED) represents: The total number of unplanned customer minutes due to the completed sustained interruptions (Interruptions greater than one minute) that occurred on that distribution feeder during the regulatory year including the single customer interruptions, excluding all MEDs and non-MED exclusions.</p> <p>Unplanned interruptions (SAIFI) (including excluded events and MEDs).</p> <p>The Unplanned Feeder SAIFI is calculated as follows:</p> <ul style="list-style-type: none"> ▪ Summated completed sustained Customer Interruptions (Interruptions greater than one minute) for the distribution feeder for the relevant regulatory year, inclusive of all MEDs and non-MED exclusions; ▪ Average Feeder Customer Numbers supplied by the feeder at the start and the end of the regulatory year; ▪ SAIFI (Summated Feeder Customer Interruptions on the feeder for the year divided by the average number of customers on the feeder for the regulatory year); ▪ Unplanned interruptions (SAIFI) (after removing excluded events and MEDs); <p>The Unplanned Feeder SAIFI is calculated as follows:</p> <ul style="list-style-type: none"> ▪ Summated completed sustained Customer Interruptions (Interruptions greater than one minute)for the distribution Feeder for the reporting year, excluding all MEDs and non-MED exclusions ; ▪ Average Feeder Customer Numbers supplied by the feeder between the start and the end of the regulatory year; ▪ SAIFI (Summated Feeder Customer Interruptions on the feeder for the year divided by the average number of customers on the feeder for the regulatory year). <p>Number of Planned outage records the total number of completed sustained planned interruptions (Interruptions greater that one minute) that occurred on that distribution feeder during the relevant regulatory year, inclusive of all MEDs and non-MED exclusions.</p> <p>Planned customer minutes off-supply represents the total number of planned</p>

4. ASSUMPTIONS AND METHODOLOGIES

Items	Assumptions and methodology
	<p>customer minutes due to the completed sustained interruptions (Interruptions greater than one minute) that occurred on that distribution feeder during the relevant regulatory, inclusive of all MEDs and non-MED exclusions.</p> <p>Planned interruptions (SAIFI). The planned feeder SAIFI is calculated as follows:</p> <ul style="list-style-type: none"> ▪ Summated Planned Customer completed sustained Interruptions (Interruptions greater than one minute) for the distribution feeder for the reporting year, inclusive of all MEDs and non-MED exclusions; ▪ Average Feeder Customer Numbers supplied by the feeder between the start and the end of the regulatory year; ▪ SAIFI (Summated feeder planned Customer Interruptions on the feeder for the year divided by the average number of customers on the feeder for the regulatory year).
Energy not supplied	<p>Energy not supplied (unplanned and planned) has been calculated using data reported for Total unplanned/planned customer minutes off supply (Mins) (Column L and Q) multiplied by the average consumption by feeder (in minutes) sourced from NETBILL. This is in accordance with methodology (c) average consumption of customers on the feeder based on their billing history in the RIN definition for energy not supplied (unplanned). The calculations are based on current connectivity by feeder and not connectivity at the time of the outage. For some feeders that no longer exist or have changed connectivity in the system ECORP the average consumption per minute over all feeders is used. The methodology adopted is irrespective of the time of day the outages occurred.</p>

Template 5d – Outcomes of planned outages

Ergon Energy understands that this information is used to monitor network performance and service outcomes for network customers. It will inform the AER's review of service improvement expenditure in future regulatory control periods.

Ergon Energy makes the following comments with respect to Non-Financial Template 5d.

Table 4-33: Template 5d - Outcomes of planned outages - Planned outages

Items	Assumptions and methodology
SAIDI & SAIFI – after removing excluded events	<p>All the reporting for Planned SAIDI/SAIFI are based on the network outage data retrieved from FDRSTAT Oracle Database Tables recorded for the relevant regulatory year.</p> <p>The reporting on Planned SAIDI/SAIFI "Total" is the SAIDI and SAIFI for each feeder category calculated based on all Planned Sustained Outages including all MEDs and non-MED exclusions for the relevant regulatory year.</p> <p>For planned SAIDI and SAIFI "Total" (refer above), the Sustained Outages Data fits the following:</p> <ul style="list-style-type: none"> ▪ Financial Year 2013-14 (Between 1 July and 30 June) ▪ Completed Planned Sustained Interruptions (Interruptions greater than one

Items	Assumptions and methodology
	<p>minute)</p> <ul style="list-style-type: none"> ▪ Feeder Categories: Urban, Short Rural & Long Rural ▪ SAIDI calculation - Customer Minutes DIVIDED BY Average Number of Customers ▪ SAIFI calculation - Customer Interruptions DIVIDED BY Average Number of Customers <p>INCLUDE:</p> <ul style="list-style-type: none"> ▪ Normal ▪ Service Fuse or Beyond ▪ STPIS MED day Exclusions ▪ Generation (Exemption clause: 3.3 (a) (2)) ▪ Shared Transmission (Exemption clause: 3.3 (a) (5)) ▪ Public Safety Isolation (Exemption clause: 3.3 (a) (7)) Exclusions <p>The Whole of Network Planned SAIDI and SAIFI are calculated by dividing the total of planned customer minutes and customer interruptions on all UR, SR and LR feeder categories (filtered as per below) for the regulatory year by the average of the total numbers of customers on all three feeder categories at the beginning of the reporting period (1 July) and the total number of customers at the end of the reporting period (30 June).</p> <p>For planned SAIDI and SAIFI for Whole of Network of "Total" (refer above), the Sustained Outages Data fits the following:</p> <ul style="list-style-type: none"> ▪ Financial Year 2013-14 (Between 1 July and 30 June) ▪ Completed Planned Sustained Interruptions (Interruptions greater than one minute) ▪ Feeder Categories: Whole of Network (Summates feeder categories Urban, Short Rural & Long Rural) ▪ SAIDI calculation - Customer Minutes DIVIDED BY Average Number of Customers ▪ SAIFI calculation - Customer Interruptions DIVIDED BY Average Number of Customers <p>INCLUDE:</p> <ul style="list-style-type: none"> ▪ Normal ▪ Service Fuse or Beyond ▪ STPIS MED day Exclusions ▪ Generation (Exemption clause: 3.3 (a) (2)) ▪ Shared Transmission (Exemption clause: 3.3 (a) (5))

4. ASSUMPTIONS AND METHODOLOGIES

Items	Assumptions and methodology
	<ul style="list-style-type: none"><li data-bbox="448 293 1268 320">Public Safety Isolation (Exemption clause: 3.3 (a) (7)) Exclusions

5. MOVEMENTS BETWEEN AUDITED STATUTORY ACCOUNTS AND REGULATORY ACCOUNTING STATEMENTS

RIN - Schedule 1 paragraph 1.1 (d)

5.1 Requirement

Schedule 1 paragraph 1.1 (d) of the Notice, as amended by the AER on 6 August 2014, requires Ergon Energy to provide a Microsoft Excel workbook or other information that explains all movements between the Audited Statutory Accounts and the Regulatory Accounting Statements.

The AER also requires Ergon Energy to verify specified information, by way of a statutory declaration in accordance with Appendix D to the Notice.

5.2 Response

Ergon Energy herein provides a Microsoft Excel workbook or other information that explains all movements between the Audited Statutory Accounts and the Regulatory Accounting Statements as an attachment to this Submission.

Refer to Table 21-1: List of Attachments.

6. CAPITALISATION POLICY

RIN - Schedule 1 paragraph 1.1 (e)

6.1 Requirement

Schedule 1 paragraph 1.1 (e) of the Notice, as amended by the AER on 6 August 2014, requires Ergon Energy to provide the Capitalisation Policy for the Relevant Regulatory Year.

The AER also requires Ergon Energy to verify specified information, by way of a statutory declaration in accordance with Appendix D to the Notice.

6.2 Response

Ergon Energy's capitalisation policy is incorporated in its two accounting policies 'Property Plant and Equipment' and 'Intangible Assets' which provide guidance in respect of:

- key criteria for recognition of an asset; and
- clarification of accounting treatment in respect of initial recognition as an asset and subsequent expenditure, including refurbishment costs.

The policy applies to all of Ergon Energy's business units and legal entities.

Ergon Energy herein provides its two accounting policies 'Property Plant and Equipment' and 'Intangible Assets' as attachments to this Submission.

Refer to Table 21-1: List of Attachments.

7. COST ALLOCATION METHOD – STATEMENT OF POLICY

RIN - Schedule 1 paragraph 1.1 (f)

7.1 Requirement

Schedule 1 paragraph 1.1 (f) of the Notice, as amended by the AER on 6 August 2014, requires Ergon Energy to provide the statement of policy/s for determining the allocation of overheads in accordance with the CAM for the relevant regulatory year.

7.2 Response

Ergon Energy's Statement of Policy is disclosed below. Consideration will be given to incorporating this into Ergon Energy's capitalisation policy when it is next updated.

7.2.1 Statement of Policy – Cost Allocation Method

Ergon Energy complies with the CAM, in accordance with Part F - Cost Allocation, Rule 6.15 Cost Allocation, clause 6.15.1 Duty to comply with Cost Allocation Method of the NER.

Where practical, costs are directly attributed to categories of distribution services and unregulated activities.

Shared costs are causally allocated where support services are provided across the Ergon Energy Group and then allocated in proportion to the direct costs incurred by each Line of Business.

8. MATERIAL DIFFERENCES TO DETERMINATION

RIN - Schedule 1 paragraph 1.2, 1.3

8.1 Requirement

Schedule 1 paragraph 1.2 (a)-(d) of the AER's Notice, as amended by the AER on 6 August 2014, requires Ergon Energy to identify for each of the following items, the material difference between the amounts reported in the Regulatory Accounting Statements and the amounts provided for in the AER FDD for the relevant regulatory year:

- total actual revenue and total forecast revenue;
- total actual Opex and total forecast Opex;
- total actual maintenance expenditure and total forecast maintenance expenditure; and
- total actual Capex and total forecast Capex.

Schedule 1 paragraph 1.3 of the Notice requires Ergon Energy to explain the reasons for any underlying operational activities or drivers that caused each material difference identified in the response to paragraph 1.2.

The AER also requires Ergon Energy to verify specified information, by way of a statutory declaration in accordance with Appendix D to the Notice.

8.2 Response

Please refer to the following explanations for material differences in the Regulatory Accounting Statements in the following Templates:

- Operating Expenditure – Template 10 (Opex), Table 2: Explanation of material difference. See also Table 4-15: Template 10 – Network Operating costs - Explanation of material difference);
- Maintenance Expenditure – Template 8 (Maintenance), Table 2: Explanation of material differences (see also Table 4-11: Template 8 – Network Maintenance – Explanation of Material Differences); and
- Capital Expenditure – Template 5 (Capex), Table 2: Explanation of material differences (see also Table 4-4: Template 5 - Capex - Explanation of Material Differences).

In addition refer to supplementary templates prepared for the purposes of providing explanations in material variances between total actual revenue and total forecast revenue.

Refer to Table 21-1: List of Attachments.

9. CLASSIFICATION OF DISTRIBUTION SERVICES

RIN - Schedule 1 paragraph 1.4

9.1 Requirement

In respect of the classification of services, Schedule 1 paragraph 1.4 of the Notice, as amended by the AER on 6 August 2014, requires Ergon Energy to explain the procedures and processes used by Ergon Energy to ensure that the distribution services have been classified as determined in the AER FDD.

9.2 Response

In the majority of instances, the classification of Ergon Energy services happens automatically as customers and retailers generally select the service they require. A listing and description of Ergon Energy services by service order type (with the associated product codes and prices) is provided in the “Price List for ACS” which is published on Ergon Energy’s website. The Price List is developed in accordance with the classification of services (CoS) and Ergon Energy’s AER-approved Pricing Proposal.

Customers can make requests for services through their retailer (if in the market), or they can contact Ergon Energy’s National Contact Centre (NCC). The NCC has a range of scripts and an Online Help System which informs operators about what steps should be taken to correctly identify a service and process a customer’s request. A schedule of rates is also readily accessible to operators to determine on what basis fees will apply for the customer’s requested service (no charge, standard fee, customer-specific quote required etc.).

Tier 2 retailers make requests for Ergon Energy services through market systems in accordance with the National B2B Procedures. Ergon Energy’s Service Transaction Centre manages requests from market retailers, and has well established procedures in place to ensure services are correctly identified and processed appropriately through market systems.

Specialist business units within Ergon Energy have also been established to handle more complex service requests, and calculate prices for services requiring quotations (for example – new connections to the network, supply enhancements, rearrangement of network assets, design and construction of connection assets and street lights etc.). These business units have a range of procedures, work instructions and reference materials to ensure the service is correctly classified and appropriately priced. For example, in the case of large customer connections, Ergon Energy’s Major Customer Connection Group has a manual to assist them to determine the classification of assets, and which components of a project will be required to be funded under the SCS revenue cap, and which components will be funded through ACS charges levied on customers.

Staff requiring further guidance about a service classification, can request specialist regulatory advice from Ergon Energy’s Regulatory Affairs Group.

Customers and retailers also have avenues available to them to request a review of a service classification decision through Ergon Energy’s Tariff Class Assignment and Re-assignment Procedures. These procedures are publicly available in Ergon Energy’s “Information Guide for SCS Pricing”, “Information Guide for ACS Pricing” and “Price List for ACS”. The procedures are also issued to retailers through the ‘Retailers Handbook’.

10. ARRANGEMENTS FOR NEGOTIATED SERVICES

RIN - Schedule 1 paragraph 1.5

10.1 Requirement

Schedule 1 paragraph 1.5 of the Notice, as amended by the AER on 6 August 2014, requires Ergon Energy to explain the procedures and processes used by Ergon Energy to ensure that the negotiated distribution service criteria, as set out in the AER FDD, have been applied.

10.2 Response

Ergon Energy notes that Schedule 1 paragraph 1.5 of the RIN is not applicable to Ergon Energy during the current regulatory control period.

In its submission to the AER on the Framework and Approach Stage 1 consultation, Ergon Energy did not propose in its classification of services proposal that any of its Distribution Services be classified as Negotiated Distribution Services. As a result, Ergon Energy does not have a Negotiating Framework, nor is the Negotiated Distribution Service Criteria that the AER released on 17 July 2009 relevant.

In accordance with the AER's Queensland Distribution Determination, 2010/11 to 2014/15, Final Decision (May 2009), which accepted the list of services that Ergon Energy identified for each category of Distribution Services, Ergon Energy has no Negotiated Distribution Services.

11. NEGATIVE CHANGE EVENTS

RIN - Schedule 1 paragraph 1.6

11.1 Requirement

Schedule 1 paragraph 1.6 of the Notice, as amended by the AER on 6 August 2014, requires Ergon Energy to discuss the process it has in place to identify negative change events under NER clause 6.6.1(f) and the threshold of materiality applied by Ergon Energy to these events.

In accordance with Appendix B to the Notice, the AER requires Ergon Energy to verify, by way of a statutory declaration the information provided in response to Schedule 1 paragraph 1.6.

11.2 Response

11.2.1 Process for identifying Negative Change Events

Ergon Energy's process for identifying negative change events involves the following actions:

- Recognising the identification and reporting of negative change events as an additional regulatory obligation within the business. In particular, Regulatory Affairs' work plan has included this as an obligation;
- The identification and reporting of negative change events is coordinated by Ergon Energy's Regulatory Affairs group. However other departments are involved as required;
- Regulatory Affairs is responsible for the identification and communication of the following negative change events: Regulatory Change; Service Standard; and Feed-in Tariff;
- Finance is responsible for the identification of possible negative change events resulting from Tax Changes;
- The relevant departments are responsible for reviewing relevant material, identification of possible negative change events, reporting of events to Regulatory Affairs (as coordinator) and ensuring the timely and accurate documentation of the process;
- The relevant departments are to identify and record the documents/web sites and any other resources intended to be reviewed in the search for negative change events. For example, Queensland government media statements, Commonwealth government media statements, AER publications/statements, financial reporting documents (or other relevant documents providing updates to tax policy);
- A communication protocol is to be established between the relevant departments and Regulatory Affairs and within the Regulatory Affairs department to ensure that the identification process is being actively conducted;
- The responsible person within Regulatory Affairs is required to notify the Regulatory Affairs Manager immediately where a possible negative change event is identified by any department;
- The Regulatory Affairs Manager is to confirm that the event meets the criteria of a negative change event;

11. NEGATIVE CHANGE EVENTS

- Once confirmed, Regulatory Affairs is to be responsible for the determination of estimated costs associated with the event in conjunction with relevant internal departments;
- In doing so, it is important to consider the distinction between under-expenditure resulting from deliberate business decisions or forecasting error and that resulting from a negative change event. In particular, the distinction between controllable and uncontrollable costs is critical. By nature, a negative change event must be an exogenous event beyond the control of Ergon Energy. By definition, all management decisions by Ergon Energy regarding the investment in and operation of its network that subsequently result in cost savings cannot be treated as a negative pass-through event; and
- Regulatory Affairs is responsible for coordinating the preparation of pass-through applications and providing it to the AER as per requirements.

11.2.2 Materiality Threshold Applicable to Negative Pass through Events

The AER's Determination for Ergon Energy indicates that the AER will apply a materiality threshold to specific nominated events set to the administrative costs of assessing an application³. However, for general nominated events the AER Determination did impose a materiality threshold of 1% of the smoothed revenue allowance specified in the Distribution Determination for each of the years of the regulatory control period in which the costs are incurred⁴.

³ AER (2009), p 299. Note: while this decision was made in the context of the AER's Draft Determination, no changes were proposed in the Distribution Determination (Final Decision).

⁴ Ibid, p 312

12. COST ALLOCATION TO THE REGULATED DISTRIBUTION BUSINESS

RIN - Schedule 1 paragraph 2.1-2.3

12.1 Requirement

Schedule 1 paragraph 1.6 of the Notice, as amended by the AER on 6 August 2014, requires Ergon Energy to discuss the process it has in place to identify negative change events under NER clause 6.6.1(f) and the threshold of materiality applied by Ergon Energy to these events.

In accordance with Appendix B to the Notice, the AER requires Ergon Energy to verify, by way of a statutory declaration the information provided in response to Schedule 1 paragraph 1.6. In respect of cost allocation to the regulated distribution business, Ergon Energy is required to comply with Schedule 1 paragraph 2.1 -2.3 of the Notice, as detailed below.

2.1 Identify each item in the Regulatory Accounting Statement that is:

- (a) not allocated on a directly attributable basis but is allocated on a causation basis to the *distribution business*; and
- (b) not allocated on a directly attributable basis and cannot be allocated on a causation basis to the *distribution business*.

2.2 For each item identified in the response to paragraph 2.1 (a):

- (a) state the amount of the item that has been allocated;
- (b) explain the method of allocation and reasons for choosing that method; and
- (c) state the numeric amount of the allocator(s) used.

2.3 For each item identified in the response to paragraph 2.1(b):

- (a) state its amount;
- (b) state whether it was material;
- (c) explain the method of allocation and reasons for choosing that method; and
- (d) explain the reason(s) why it cannot be allocated on a causation basis.

12.2 Response

Ergon Energy complies with its CAM that has been approved by the AER.

Direct costs are directly attributed to the *distribution* or unregulated businesses.

Shared costs are causally allocated where support services are provided across the Ergon Energy Group. The costs which are causally allocated are disclosed in the Appendix B Regulatory Accounting Statements in Template 15. The method of application is disclosed in Ergon Energy's CAM.

Upon final reconciliation of the shared costs allocated through the overhead allocation process at the end of the regulatory year, it was determined that an amount of \$9.1m had been under-recovered. In accordance

12. COST ALLOCATION TO THE REGULATED DISTRIBUTION BUSINESS

with Ergon Energy's CAM, this amount was determined to be not material and has not been directly attributed or causally allocated. Ergon Energy's CAM requires such amounts to be allocated to the distribution business.

Ergon Energy has applied further allocations throughout the Regulatory Accounting Statements to enable completion of other Income Statement items across the *distribution* and unregulated businesses. The basis for each of these allocations are detailed in the Reasons, Assumptions and Methodology section of this document.

13. COST ALLOCATION TO SERVICE SEGMENTS

RIN - Schedule 1 paragraph 3.1-3.3

13.1 Requirement

Ergon Energy is required to comply with Schedule 1 paragraph 3.1 -3.3 of the Notice, as amended by the AER on 6 August 2014, as detailed below.

- 3.1 Identify each item in the Regulatory Accounting Statements that is:
- (a) not allocated on a directly attributable basis but is allocated on a causation basis from the distribution business to a service segment; and
 - (b) not allocated on a directly attributable basis and cannot be allocated on a causation basis from the distribution business to a service segment.
- 3.2 For each item identified in the response to paragraph 3.1(a):
- (a) state the amount of the item that has been allocated;
 - (b) explain the method of allocation and reasons for choosing that method; and
 - (c) state the numeric amount of the allocator(s) used.
- 3.3 For each item identified in the response to paragraph 3.1(b):
- (a) state its amount;
 - (b) state whether it was Material;
 - (c) explain the method of allocation and reasons for choosing that method; and
 - (d) explain the reason(s) why it cannot be allocated on a causation basis.

Further it should be noted that service segment refers to SCS, ACS, negotiated services and unregulated services.

13.2 Response

Ergon Energy complies with its CAM approved by the AER.

Direct costs are directly attributed to the categories of Distribution Services and unregulated activities.

Shared costs are causally allocated where support services are provided across the Ergon Energy Group. The costs which are causally allocated are disclosed in the Appendix B Regulatory Accounting Statements in Template 15. The method of application is disclosed in Ergon Energy's CAM.

Upon final reconciliation of the shared costs allocated through the overhead allocation process at the end of the regulatory year, it was determined that an amount of \$9.1M had been under-recovered. In accordance with Ergon Energy's CAM, this amount was determined to be not material and has not been directly attributed or causally allocated. Ergon Energy's CAM requires such amounts to be allocated to the SCS.

Ergon Energy has applied further allocations throughout the Regulatory Accounting Statements to enable completion of other Income Statement items across the categories of Distribution Services. The bases for

13. COST ALLOCATION TO SERVICE SEGMENTS

each of these allocations are detailed in the Reasons, Assumptions and Methodology section of this document.

14. RELATED PARTY TRANSACTIONS

RIN - Schedule 1 paragraph 4.1-4.3

14.1 Requirement

Schedule 1 paragraph 4.1-4.2 of the Notice, as amended by the AER on 6 August 2014, requires Ergon Energy to identify each Related Party with which a transaction has been conducted. The Notice also requires Ergon Energy to identify each transaction relating to the provision of SCS, ACS or negotiated distribution services between Ergon Energy and a Related Party, where the transaction amount is greater than five per cent of the relevant total expenditure or revenue category. Relevant categories are SCS revenues, ACS revenues; negotiated distribution services revenues, SCS Capex, ACS Capex, SCS operations expenditure, SCS maintenance expenditure, ACS operations expenditure, ACS maintenance expenditure, negotiated distribution services expenditure. Further paragraph 4.3 of Schedule 1 of the Notice requires that for each transaction in the response on paragraph 4.2;

- state the name of the Related Party;
- identify any other parties involved;
- explain the nature and purpose of the transaction, including the good(s) or service(s) provided by the Related Party;
- state the actual costs incurred by the Related Party in providing good(s) or services(s), not including any profit margin or management fee incurred by Ergon Energy;
- explain how the actual costs of the good(s) or service(s) incurred was determined;
- identify the actual costs of the good(s) or service(s) in the Regulatory Accounting Statements, including the Asset category, Maintenance Cost category or Operating Cost category to which the actual cost(s) is allocated to; and
- explain the basis upon which the actual costs of the good(s) or service(s) was or were allocated, as identified in the response to paragraph (f), and state the amount of any allocator applied.

14.2 Response

Ergon Energy's related parties are Ergon Energy Telecommunications Pty Ltd which provides telecommunication services and SPARQ Solutions Pty Ltd which provides information technology services. The cost of goods and services provided by these related parties was determined from the invoices issued upon Ergon Energy and were \$20.6M for SPARQ Solutions Pty Ltd and \$1.8M for Ergon Energy Telecommunications Pty Ltd.

Allocation between entities is established by the methodology as set out in the CAM. Ergon Energy Telecommunications Pty Ltd is treated entirely as an Opex and is spread between SCS, ACS and non-regulated activities according to the overhead allocation methodology as set out in the CAM. The costs from SPARQ Solutions Pty Ltd is split between capital and Opex using the overhead allocation methodology as set out in the CAM these amount are then split between SCS, ACS and non-regulated again using the CAM methodology.

No other parties are involved.

15. EFFICIENCY BENEFIT SHARING SCHEME

RIN - Schedule 1 paragraph 5.1-5.2

15.1 Requirement

With respect to the Efficiency Benefit Sharing Scheme, Schedule 1 paragraph 5.1 of the Notice as amended by the AER on 6 August 2014, requires Ergon Energy to identify all changes between the Capitalisation Policy for the relevant regulatory year and the previous regulatory year. Further, for each change identified in the response to paragraph 5.1, paragraph 5.2 requires Ergon Energy to:

- state, if any, the financial impact of the change;
- state the reasons for the change;
- explain the effect of the change (excluding changes in accounting policies) if any, on:
 - forecast operating and maintenance expenditure incurred for the Relevant Regulatory Year;
 - forecast Capex incurred for the Relevant Regulatory Year;
 - actual operating and Maintenance Expenditure incurred for the Relevant Regulatory Year;
 - actual Capex incurred for the Relevant Regulatory Year; and
- explain the estimated effect of the change, if any, for the previous regulatory year on:
 - actual operating and maintenance expenditure incurred; and
 - actual Capex incurred.

15.2 Response

No Capitalisation Policy changes occurred during the 2013-14 year.

16. DEMAND MANAGEMENT INCENTIVE SCHEME

RIN - Schedule 1 paragraph 6.1

16.1 Requirement

In respect of the DMIA Schedule 1 paragraph 6.1 of the Notice as amended by the AER on 6 August 2014, requires Ergon Energy to:

- (a) provide an explanation of each DM project or program for which approval is sought;
- (b) explain, for each DM project or program identified in the response to paragraph 6.1(a), how it complies with the DM Innovation Allowance criteria detailed at section 3.1.3 of the DMIS, with particular reference to:
 - (i) the nature and scope of each demand management project or program;
 - (ii) the aims and expectations of each demand management project or program;
 - (iii) the process by which each demand management project or program was selected, including the business case for the demand management project and consideration of any alternatives;
 - (iv) how each demand management project or program was/is to be implemented;
 - (v) the implementation costs of the demand management project or program;
 - (vi) any identifiable benefits that have arisen from the demand management project or program, including any off peak or peak demand reductions;
- (c) provide an overview of developments in relation to the demand management projects or programs completed in previous years, and any results to date;
- (d) state whether the costs associated with each demand management project or program identified in the response to paragraph 6.1(a) are:
 - (i) not recoverable under any other jurisdictional incentive scheme;
 - (ii) not recoverable under any other Commonwealth or State Government scheme;
 - (iii) not included as part of:
 - (1) the forecast Capex or the forecast Opex; or
 - (2) any other incentive scheme applied by the 2010–15 Distribution Determination; and
- (e) provide the total amount of the Demand Management Innovation Allowance spent in the previous regulatory year and how this amount has been calculated.

It should be noted that information provide in response to paragraph 6 of Schedule 1 to this Notice will constitute the provision of an annual report for the purpose of paragraph 3.1.4.1 of the AER, *Demand Management Incentive Scheme for Energex, Ergon Energy and ETSA Utilities 2010/15*, October 2008.

16.2 Response

Ergon Energy's 13-14 Demand Management Innovation Allowance Report is attached.

Refer to Table 21-1: List of Attachments.

17. STPIS PERFORMANCE MEASURES

RIN - Schedule 1 paragraph 7.1

17.1 Requirement

Schedule 1 paragraph 7.1 of the Notice, as amended by the AER on 6 August 2014, requires Ergon Energy to explain all Material differences between the target performance measure specified in the STPIS and actual performance reported in the response to paragraph 1.1(b) of Schedule 1.

17.2 Response

17.2.1 Reliability Parameters

Ergon Energy unplanned SAIDI/SAIFI performance are favourable to the End of Year (EoY) STPIS targets for 6 out of 6 STPIS measures.

An exceptionally mild summer storm season, across the entire Ergon Energy supply region has resulted in a substantial margin being reported between actual reliability performance and the targeted performance levels under the STPIS. The Urban category SAIDI and SAIFI reports a margin of 27.5% and 25.2% respectively and the Short Rural category SAIDI and SAIFI reports a margin of 18.4% and 17.6% respectively to the applicable STPIS targets. Long Rural category feeders did not however report a substantial margin to the STPIS targets.

During 2013-14 there were considerably fewer extreme weather days and the impact of those extreme weather days had a reduced impact on the overall reliability performance compared to previous years. By comparison to 2012-13 there were five fewer extreme weather days in 2013-14 and the contribution from these days was 24 SAIDI lower in 2013-14 than in 2012-13.

Ergon Energy continues to monitor, assess, analyse and undertake the necessary remedial action to ensure continual improvement in the underlying reliability performance levels to achieve favourable reliability outcomes. In particular, Ergon Energy has put significant focus on its operational practices to improve the response time to unplanned outages. Ergon Energy continues to outwork the many strategies for reliability improvement through its major capital works projects. Specifically, Ergon Energy continues to implement an integrated, whole-of-business Reliability Improvement Plan (includes both operational and asset-focused initiatives) to address network performance requirements for the 2010/15 regulatory control period.

17.2.2 Customer Service Parameters

Ergon Energy's Telephone Answering actual performance was favourable when compared to the target of 77.3% with a result of 81.3% for 2013-14. During the year the contact centre took the first steps to separate its retail and distribution functions. This involved creating dedicated staff groups for each business which were implemented in early August 2013. Very close attention was given to ensuring that this structural change did not negatively impact grade of service performance for customers calling the faults and emergency lines and the annual results reflect this was done successfully.

During the non-storm season period grade of service results remained strong on a consistent basis. During the July to September quarter of 2013 and the April to June quarter of 2014 there were no more than five

days where grade of service was not met in an individual month. When comparing these six months with the same 6 months in the 2012-13 year there was 3,697 less calls received.

The call centre had to deal with a number of major events during the 2013-14 period which influenced Ergon Energy's ability to answer calls within the 30 second requirement. The first of these impacts occurred on Sunday 17 November 2013 when in excess of 40,000 customers lost supply in the Bundaberg area for an extended period. Due to the scale of the event a call avalanche event was triggered for 1320 customers. Whilst an MED was declared for this day there was some on flow of calls made to the call centre the following day which had some impact on grade of service performance for that day.

Tropical Cyclone Dylan struck the coast on Thursday 30 January 2014 in the Whitsunday region. An MED was declared for this day only. Whilst the event did not cause the level of widespread destruction seen in other events a noticeable increase of calls was seen the day after the crossing which was not covered by an MED. The call centre was however able to increase staffing so that customer response times were not overly affected with a result of 71.1% for the 31 January.

The final major event of the storm season was Tropical Cyclone Ita which crossed the coast around Cooktown on Friday 11 April 2014. Following the initial landfall the system did then track south along the coast travelling as far south as Rockhampton with impacts felt. MED's were declared for 11-13 April 2014. As with previous events additional calls were handled outside of the MED period and this was the case into 14 April. Suitable staffing was put in place however which ensured 90.0% grade of service was achieved on this day.

Both cyclone events caused limited damage and restoration to affected areas generally occurred within relatively short timeframes. This restricted the ongoing impacts on call volumes which have been experienced as a result of other weather events in previous years. In addition, when comparing general storm activity in 2013-14 with recent years there were fewer ongoing impacts. During the core storm season period of October 2013 to March 2014 there were 23,278 less calls this year than in the same period the previous year. These factors ultimately ensured that the STPIS target was met well above target for the 2013-14.

18. GROUP CORPORATE AND ORGANISATIONAL STRUCTURES

RIN - Schedule 1 paragraph 10.1

18.1 Requirement

In respect of Charts Schedule 1 paragraph 8.1 of the Notice as amended by the AER on 6 August 2014, requires Ergon Energy to provide charts that set out the group corporate structure of which Ergon Energy is a part and the organisational structure for Ergon Energy.

18.2 Response

Figure 1 illustrates Ergon Energy's Group Structure. The Ergon Energy Group comprises a series of companies involved in the purchase, distribution and sale of electricity in Queensland, both within and outside the NEM.

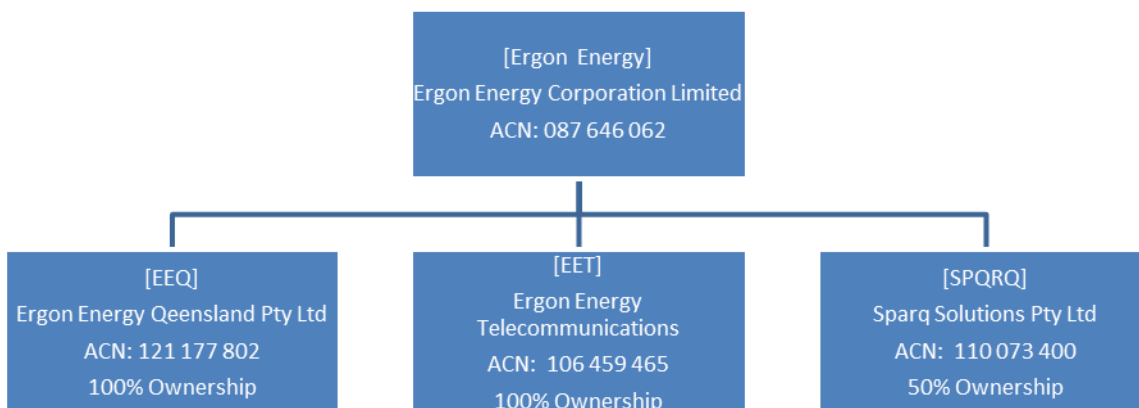


Figure 1: Ergon Energy Group Structure

Figure 2 illustrates Ergon Energy's organisation structure. In particular, it shows the relationship between the Board of Directors, the Executive Management Team, and the various Business Units within Ergon Energy.

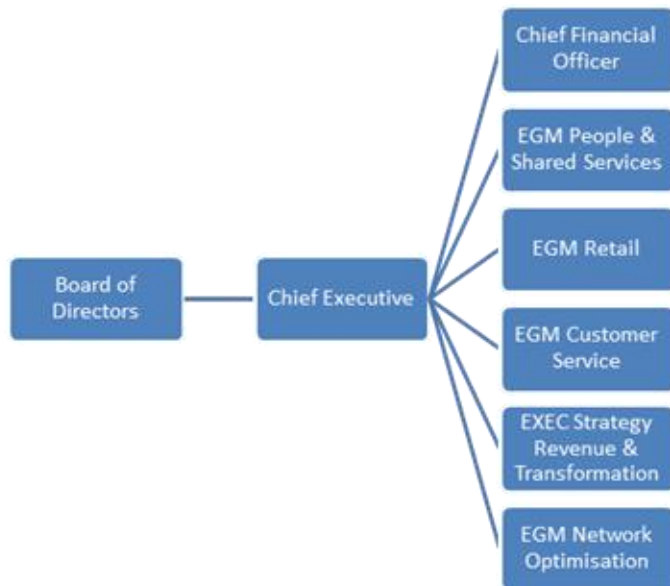


Figure 2: Ergon Energy Organisational Chart

19. AUDIT REPORTS

RIN - Schedule 1 paragraph 9.1, Appendix E

19.1 Requirement

Schedule 1 paragraph 11.1 of the Notice as amended by the AER on 6 August 2014, requires Ergon Energy to provide the results of the audit as specified in Appendix E to the Notice, namely the audit report/s in the form of:

- a Special Purpose Financial Report in accordance with the requirements set out at Appendix E of the Notice; and
- Audit Report/s (for Non-Financial Regulatory Templates information) in accordance with the requirements set out at Appendix E of the Notice.

19.2 Response

Ergon Energy notes the following auditors were appointed to audit its 2013-14 Annual Performance RIN and associated templates (as appropriate):

- Auditor-General of Queensland to audit the Regulatory Accounting Statements in accordance with the Audit scope at Appendix E paragraph 1.1(a) of the RIN;
- Parsons Brinckerhoff (PB) to audit the Non-Financial Regulatory Templates in accordance with the Audit scope at Appendix E paragraph 1.1(b) of the RIN.

As required under Schedule 1 paragraph 11.1 of the Notice, Ergon Energy provides the following results of the abovementioned audits as attachments to this submission, namely the Audit Report(s) by Queensland Audit Office and Parsons Brinckerhoff -:

- Audit Opinion (Financial Information Regulatory Accounting Statements) – Actual;
- Audit Report (Non-Financial Regulatory Templates) – Actual.

Refer to Table 21-1: List of Attachments.

20. STATUTORY DECLARATION

RIN - Appendix D

20.1 Requirement

The AER requires Ergon Energy to verify specified information, by way of a statutory declaration by an Officer of the Company in accordance with Appendix D to the Notice. A pro forma Statutory Declaration was provided by the AER in this regard.

20.2 Response

Ergon Energy herein provides a Statutory Declaration signed by the Chief Executive of Ergon Energy Corporation Limited, as an attachment to this submission.

Refer to Table 21-1: List of Attachments.

21. APPENDIX A – LIST OF ATTACHMENTS

Unless otherwise identified as confidential information, the below attachments are for Public release.

Table 21-1: List of Attachments

Title	Attachment
EECL 1314 APRIN_FRAS	Ergon Energy's 2013-14 Regulatory Accounting Statements, for the regulatory year ended 30 June 2014
EECL 1314 APRIN_NFRT	Ergon Energy's 2013-14 Non-Financial Regulatory Templates, for the regulatory year ended 30 June 2014
EECL 1314 APRIN_S1 RECON	Reconciliation of Audited Statutory Accounts and Regulatory Accounting Statements
EECL 1314 APRIN_S1 RSUP	Supplementary Templates; Explanations for material variances (Revenues)
EECL 1314 APRIN_S1 POL EECL 1314 APRIN_S1 IA	Capitalisation Policies; Property, plant and equipment; and Intangible Assets.
EECL 1314 APRIN_S1 DMIA	Ergon Energy's 2013-14 Demand Management Innovation Allowance - Annual Report to the AER, for the regulatory year ended 30 June 2014.
EECL 1314 APRIN_PB NF(A)	Parsons Brinckerhoff - Audit Report (Non-Financial Regulatory Templates)
EECL 1314 APRIN_QAO F(A)	Queensland Audit Office - Audit Opinion (Regulatory Accounting Statements)
EECL 1314 APRIN_SDEC	Ergon Energy Corporation Limited, Chief Executive - Statutory Declaration

Customer Service

13 10 46

7.00am – 6.30pm, Monday to Friday

Faults Only

13 22 96

24 hours a day, 7 days a week

Life-Threatening Emergencies Only

Triple zero (000) or 13 16 70

24 hours a day, 7 days a week

Ergon Energy Corporation Limited ABN 50 087 646 062
Ergon Energy Queensland Pty Ltd ABN 11 121 177 802

ergon.com.au

