



Cost Allocation Method

January 2020

Version number: 10

Version history and date of issue

Section 3.2(a)(1) of the Australian Energy Regulator's Cost Allocation Guidelines requires that this Cost Allocation Method include a version number and date of issue. This is detailed in the following table.

Version number	Date of issue
0.1	July 2009
0.2	November 2009
0.3	December 2009
0.4	January 2010
5	January 2010
6	January 2010
7	January 2010
8	October 2013
9	April 2014
10	January 2020

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1 Introduction

Powercor Australia Limited (Powercor) holds two electricity distribution licences in Victoria and distributes electricity to regional and rural centres in central and western Victoria, Melbourne's outer western suburbs and the Docklands area west of the Melbourne CBD.

The primary purpose of Powercor is the distribution of electricity in its distribution supply areas as determined by its licences.

Background

The Australian Energy Regulator (AER) has published Victorian specific Cost Allocation Guidelines titled "Victorian Electricity Distribution Network Service Providers Cost Allocation Guidelines", June 2008 (CAG).

This CAM has been prepared in accordance with the requirements of the National Electricity Rules (NER) and the CAG.

Date of commencement

This CAM will commence on 1 July 2021, unless the AER sets a different date in accordance with section 4.1(d) of the CAG, in which case it will commence on the date set by the AER.

This CAM will remain in force until Powercor and the AER agree that it will cease or that it will be replaced.

2 Nature, scope and purpose of the CAM

This CAM gives effect to, and is consistent with, the cost allocation principles and the CAG.

Specifically this CAM:

- attributes costs directly to, or allocates costs between, categories of distribution services on the substance of the underlying transaction or event, rather than the legal form
- only directly attributes costs to a particular category of distribution service if those costs are directly attributable to that service
- allocates shared costs between categories of distribution services using appropriate causal allocators
- does not allocate the same cost more than once
- ensures that the detailed principles, policies and approach used to attribute costs directly to, or allocate costs between, categories of distribution services are consistent with the applicable ring-fencing guidelines
- confirms that Powercor will not reattribute or reallocate costs from a distribution service to another service during the course of a regulatory control period.

The purpose of this CAM is to document how Powercor will attribute costs or allocate costs between different categories of distribution service for the purposes of:

- forecasting operating expenditure in accordance with clause 6.5.6 of the NER
- forecasting capital expenditure in accordance with clause 6.5.7 of the NER
- annual statements in accordance with any regulatory information notice (RIN).
- Powercor will publish its approved CAM on its website.

3 Application and maintenance of the CAM

Accountabilities and responsibilities

Powercor is committed to applying the detailed principles and policies described in this CAM as the basis for directly attributing costs to, or allocating costs between, categories of distribution services provided by Powercor.

Responsibility for this commitment principally rests with Powercor's chief financial officer.

The day-to-day responsibility for the CAM, including updating, maintaining, applying, internally monitoring and reporting on its application, including ensuring compliance with the CAG, is the responsibility of the corporate finance group who report to the chief financial officer.

Compliance monitoring

Powercor monitors compliance with the CAM and other regulatory requirements through:

- Powercor's Audit and Risk Management Committee approval of prepared RIN information which will seek assurance that appropriate governance processes and due diligence frameworks are in place
- engaging external auditors to audit its statutory financial statements and RINs, including basis of preparation, which are derived from the application of the CAM
- signed management representation letters for external auditors confirming that information has been presented fairly in accordance with all regulatory requirements
- presentations to general managers of prepared regulatory information and general manager internal sign-off of RIN information
- manager review of financial information prepared by their staff and of all relevant basis of preparations.

Record keeping

Powercor's SAP system and the information provided to Powercor by service providers, together provide the capability to record and report all financial information based on the CAM principles and policies for both statutory and regulatory purposes, including the information required by section 5.2 of the CAG.

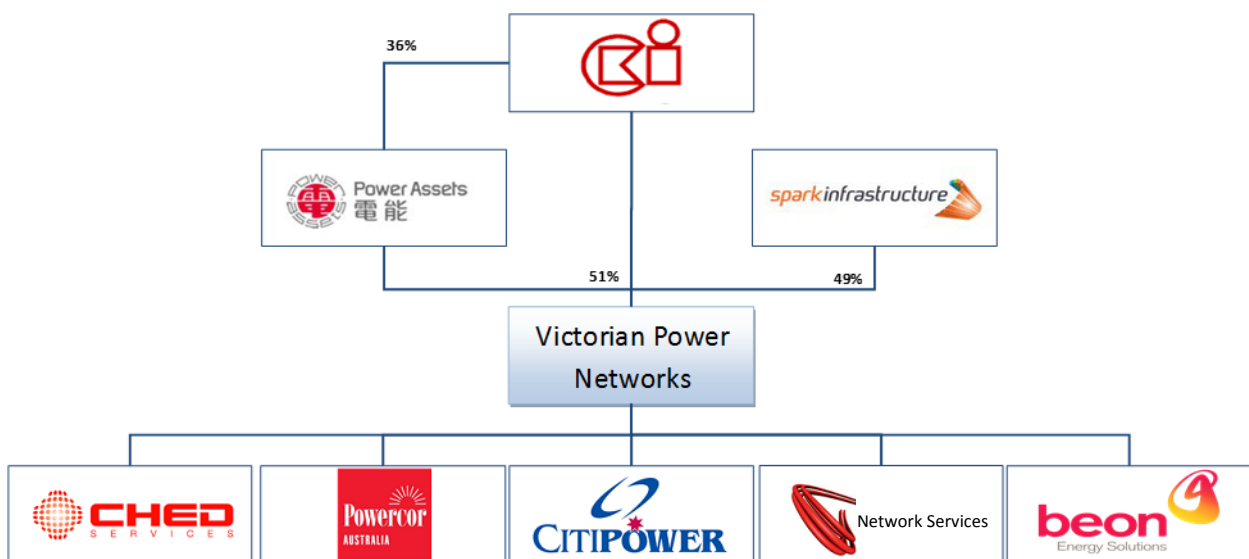
Outputs from this system include the standard suite of financial reports such as trial balances, general ledger, profit and loss statements and numerous other views.

4 Corporate structure

Powercor is a wholly owned subsidiary of Victorian Power Networks Pty Ltd (VPN). Cheung Kong Infrastructure Ltd (CKI) and Power Asset Holdings Ltd (PAH) together own 51 per cent of VPN and the remaining 49 percent is owned by Spark Infrastructure.

The corporate structure Powercor is shown below.

Figure 1 Powercor's corporate structure

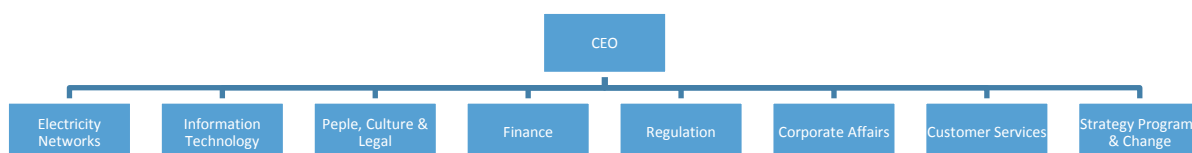


5 Operating structure

From an operational perspective, Powercor is structured on the basis of business operation units. A brief summary of these business operation units is provided below.

Powercor's business operation units are overseen and managed by the chief executive officer (CEO) and the executive management team which comprises general managers of business units.

Figure 2 Powercor's Operating Structure



Electricity Networks is responsible for the provision of network asset inspection and maintenance, network asset strategy and performance, network control and operations, network customer projects, network engineering, network safety, environment and compliance and regional asset management.

Information Technology is responsible for the provision of IT services relating to the provision of hardware, systems, applications and security for the network.

People, Culture & Legal is responsible for the provision of company secretary, legal and corporate human resource functions.

Finance is responsible for the provision of financial accounting, management accounting, taxation, treasury and risk, financial planning and analysis and corporate risk and property services.

Regulation is responsible for the provision of network regulation, pricing and compliance.

Corporate Affairs is responsible for company reputation management, stakeholder engagement, marketing and management of corporate website.

Customer Services is responsible for the provision of business management, call centre, customer response, meter data management, billing, retailer and customer relations.

Strategy Programs & Change is responsible for supporting the business to deliver strategic projects, streamline operations and plan for the future.

6 Categories of distribution services

Powercor's categories of distribution services are:

- standard control services
- alternative control services
- unregulated distribution services.

The detail of the distribution services provided in each category of distribution service are contained the relevant AER final determination.

7 Types of persons to whom distribution services are provided

Powercor provides its distribution services to:

Electricity retailers

Retailers purchase wholesale energy that is transported through the transmission system, and Powercor's distribution system, to end-use customers. Powercor provides distribution use of system services to competing electricity retailers operating in the Victorian market. Powercor also provides metering services to retailers for customers using less than 160 MWh pa.

End-use customers

Powercor provides a range of fee based and quoted services to premises in its distribution area.

Other

Powercor provides a range of connection services, street lighting services, quoted services and fee based services to a number of other parties including registered electrical contractors, builders, developers, public lighting authorities including local councils and VicRoads.

8 Cost allocation principles and policies

8.1 Overview

Accounting system

Powercor's integrated business management system (SAP system) is used to collect and report its costs and revenues. Powercor's chart of accounts classifies all costs and revenues by general ledger account numbers which map to reporting categories on the balance sheet and profit and loss statement. Each cost or revenue transaction is also assigned to a profit centre. Each cost item is also assigned a function code and in some cases an activity type.

Charges from third party service providers are usually broken down to a level that allows the attribution of costs to categories of distribution services.

Directly attributing costs to categories of distribution services

The SAP system and third party service provider break-down of charges enables most costs to be directly attributed to a category of distribution service. This CAM details the costs that are directly attributed to a category of distribution service. The records maintained in the SAP system, the processes for inputting records into the SAP system can be reviewed. The basis of directly attributing costs can therefore be readily verified by an independent third party and the outcome can be replicated by the AER.

Allocation between categories of distribution service

The remaining distribution services costs in the SAP system are allocated between categories of distribution service using automated systems or excel models. This CAM details the costs that are shared between categories of distribution service. The systems and excel models are capable of being reviewed. The basis of allocating costs can therefore be readily verified by an independent third party.

No double counting of shared costs

No costs are double counted. Both directly attributed and shared costs are sourced from the SAP system. The records maintained in the SAP system, and the processes for inputting records into the SAP system, are capable of being reviewed. The requirement not to double count shared costs can therefore be readily verified by an independent third party.

Key regulatory capitalisation policies

The following costs are not capitalised for regulatory purposes:

- assets that don't provide future economic benefit for longer than 12 months
- indirect (corporate) overheads
- minor repairs resulting from asset failure and identified defects that could result in an imminent asset failure (if not repaired)
- asset inspection costs
- pole treatment costs
- components of a solution that are cloud based, and paid for on a 'pay as you go' basis
- training
- lease costs

Network overhead costs, attributable to the function of preparing an asset ready for use or of maintaining an asset, are assigned to direct capital and maintenance costs, and hence a portion of network costs are capitalised.

Customer contributions have been accounted for as a reduction to the carrying value of distribution assets.

Rebates paid by Powercor for gifted assets are treated as an increase to the carrying value of distribution assets.

Independent external audit

Powercor will engage an independent external auditor to provide assurance that it has allocated its costs in accordance with its approved CAM.

8.2 Treatment of directly attributable costs

The manner in which costs are directly attributed to a category of distribution service is described below.

Cost item	Nature and characteristics that associate cost item uniquely with a category of distribution service	Category of distribution service	Record
Labour	Labour costs are assigned to work orders by way of employee timesheets being entered into SAP, with each employee being associated with a labour rate. Labour rates are specific to job types. Labour rates include normal and overtime salaries, payroll on-costs, and employee/industry allowances. Payroll on-costs include public holidays, leave, superannuation and payroll tax. Labour rates also recover employee time spent on training, attendance at general and safety meetings, and time to perform administrative duties. They may also include allowance for miscellaneous costs such as mobile phone charges, clothing, safety equipment, direct supervision and support costs. Average hourly rates for heavy fleet, travel and accommodation are also incorporated into the labour rates.	Standard control Alternative control Unregulated	SAP system
Materials	Materials are directly attributed to work orders at cost. Materials costs include an on-cost to recover the cost of purchasing, warehousing and delivery of materials held in stores.	Standard control Alternative control Unregulated	SAP system
Services	Service costs are directly attributed to projects or allocated as an overhead. Service costs relate to services provided by external parties, e.g. field service provision, distribution licence fee, insurance, consultancies etc.	Standard control Alternative control Unregulated	SAP system and letter from relevant service provider where costs are bundled into a fee
Network overheads	Overhead rates are applied by the SAP system to directly attributable costs for network, system control and fleet and property labour and service costs which are, in accordance with Powercor Australia's statutory accounting policies, attributable to the function of preparing an asset ready for use or of maintaining an asset. The network overhead pool is sourced from costs which are shared and allocated between CitiPower and Powercor as described in section 8.3.	Standard control Alternative control Unregulated	SAP system

Table 1: Costs which are directly attributable to a category of distribution service

The records maintained in SAP are capable of being audited. The basis of direct attribution can therefore be audited or otherwise verified by a third party.

8.3 Treatment of shared costs

Shared costs are defined as those cost that cannot be directly attributed to the provision of a particular category of distribution services but which are allocated between different categories of distribution services. This definition therefore covers any costs that do not fall within the CAG definition of 'directly attributable' costs, which are defined as follows: 'An item is directly attributable or directly attributed to an object such as a business segment of a DNSP, if it is wholly and exclusively associated with that segment.'

Shared costs therefore cover costs which are either:

- shared between distribution network service providers (i.e. Powercor and CitiPower) and are therefore not 'wholly and exclusively associated with' a single business and cannot be directly attributable to a single business
- shared between particular categories of distribution services, being standard control services, negotiated services and unregulated distribution services.

Each of these issues is addressed below.

Cost shared between network service providers

There is a single management team providing services to both Powercor and CitiPower. This means that the costs associated with the management team providing these services to both businesses must be allocated between them. The cost of the following network overheads are pooled:

- system operations
- technical standards & innovation
- general and administration
- health and safety
- training
- motor vehicle running costs
- computer systems
- regulation
- strategy programs & change
- voice communication
- salary costs.

A three factor formula is then applied to allocate the costs recorded in these function codes between Powercor and CitiPower. The three factor formula is based on an equal weighting of:

- value of the RAB
- distribution revenue
- customer numbers.

The SAP system records costs incurred in each shared function code and it records the cost transfers that occur between Powercor and CitiPower which implement the costs sharing arrangements.

Costs shared between categories of distribution services

Table 2 below sets out the information required by section 2.2.1(b)(2) for each shared cost item. Powercor confirms that the services listed in Table 2 below comprise an exhaustive list of services which are shared between distribution services as at the time of preparing this CAM.

The nature of each cost item	Categories of distribution services between which cost item is allocated	The nature of the allocator used to allocate the costs item	Reason for selecting that allocator – why is it the most appropriate allocator	Whether the allocator will remain the same over the regulatory control period	Details of the numeric quantity or percentage of the allocator (based on 2008 values and are recalculated annually)	How the numeric quantity or percentage has been calculated	Where the data for determining the numeric quantity or percentage has been sourced	How and where records will be maintained for auditing purposes
CEO, company secretary, finance, people, culture & legal, corporate affairs, IT support, audit services	Standard control and alternative control services	Allocation based on direct expenditure split ¹	Reflective of the costs incurred in providing different categories of distribution services	Yes	Recalculated annually	Based on expenditure	SAP system	SAP system
Meter data services	Standard control and alternative control services	Allocation based on full time equivalents (FTEs)	The majority of costs relate to labour and associated costs	Yes	Recalculated annually	Based on FTE	SAP system	SAP system
AMI communications network	Standard control and alternative control services	Volume of data communicated for each category of distribution service	Volume of data is a proxy for the value of AMI data to each service	Yes	Fixed at 88% standard control and 12% alternative control	Based on data volume	SAP system	SAP system
Billing and revenue collection	Standard control and alternative control services	Allocation based on direct expenditure split	Reflective of the costs incurred in providing different categories of distribution services	Yes	Recalculated annually	Based on expenditure	SAP system	SAP system
Customer service	Standard control and alternative control services	Allocation based on direct expenditure split	Reflective of the costs incurred in providing different categories of distribution services	Yes	Recalculated annually	Based on expenditure	SAP system	SAP system

¹ Direct expenditure is network capital expenditure and network maintenance expenditure.

Regulatory services	Standard control and alternative control metering services	Allocation based on revenue split	Reflective of the costs incurred in providing different categories of distribution services	Yes	Recalculated annually	Based on revenue	SAP system	SAP system
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Table 2: Costs that are shared between different categories of distribution services

9 Compliance with the CAG

Powercor confirms that:

- The application of this CAM will ensure that it shall attribute costs directly to, or allocate costs between categories of Distribution Services on the substance of the underlying transaction or event, rather than the legal form, in accordance with the requirements of section 2.2.2 of the CAG.
- The application of this CAM will ensure that only costs that are directly attributable to the provision of a particular category of Distribution Services will be directly attributed to those services, in accordance with the requirements of section 2.2.3 of the CAG.
- The application of this CAM will ensure that shared costs are allocated between categories of Distribution Services using an appropriate causal allocator, in accordance with the requirements of section 2.2.4 of the CAG.
- The application of this CAM will ensure that it does not allocate the same cost more than once, in accordance with the requirements of section 2.2.5 of the CAG.
- The detailed principles, policies and approach that it will use to attribute costs directly to, or allocate costs between, categories of Distribution Services are consistent with clause 6.17 of the Rules, as is required by section 2.2.6 of the CAG.
- The application of this CAM will ensure that it does not reattribute or reallocate costs to another service during the course of a regulatory control period, as is required by section 2.2.7 of the CAG.