Australian Capital Territory

Utilities (Technical Regulation) (Light Rail Regulated Utility (Electrical) Network Boundary Code) Approval 2024

Disallowable instrument DI2024-274

made under the

***Utilities (Technical Regulation) Act 2014*, section 14 (Technical codes—approval)**

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1 Name of instrument

This instrument is the *Utilities (Technical Regulation) (Light Rail Regulated Utility (Electrical) Network Boundary Code) Approval 2024*.

2 Commencement

This instrument commences on the day after its notification day.

3 Approval

I approve the Light Rail Regulated Utility (Electrical) Network Boundary Code (the Code) as set out in the schedule.

4 Public access

Electronic copies of the Code are available on the Access Canberra website at https://www.accesscanberra.act.gov.au/business-and-work/building-and-construction/regulated-utilities-services#Technical-codes.

The Code is available for inspection upon request by the public between 8:30am and 4:30pm from Monday to Friday except for public holidays, at the Access Canberra Land, Planning and Building Services Shopfront at 8 Darling Street, Mitchell. Please contact the Access Canberra Land, Planning and Building Services Shopfront on the details below for more information:

Phone 6207 1923

Email: acepdcustomerservices@act.gov.au

5 Revocation

This instrument revokes the *Utilities (Technical Regulation) (Light Rail Regulated Utility (Electrical) Network Boundary Code) Approval 2021* (DI2021-211).

Shane Rattenbury MLA
Minister for Water, Energy and Emissions Reduction
29 August 2024

Australian Capital Territory

Light Rail Regulated Utility (Electrical) Network Boundary Code

A technical code made under section 14 of the

Utilities (Technical Regulation) Act 2014

August 2024

Table of Contents

1 INTRODUCTION

1.1 Technical Code

(1) This Code is a technical code under part 3 of the *Utilities (Technical Regulation) Act 2014*.

2 APPLICATION AND PURPOSE OF THIS CODE

2.1 Application

(1) This Code applies to:

(a) A light rail regulated utility that is an operator of a light rail regulated utility network within the ACT.

2.2 Purpose

(1) The purpose of this Code is to define the boundary between:

(a) A light rail regulated utility network and an electricity distribution network; and

(b) A light rail regulated utility network of one person and a light rail regulated utility network of another person, where those light rail regulated utility networks are, or are to be, connected.

3 DICTIONARY

(1) The dictionary at the end of this Code is part of this Code.

4 LIGHT RAIL REGULATED UTILITY NETWORK

(1) The supply of electricity from a light rail regulated utility network is a regulated utility service. A light rail regulated utility network, and the infrastructure it consists of, is a regulated utility network for the regulated utility service.

(2) A light rail network consists of the following infrastructure:

(a) a network to supply electricity to rolling stock and associated infrastructure, including rail tracks;

(b) substations and facilities to supply and regulate power to the network;

(c) any electrical zone related to the effect of stray current or the management of the effect of electrical current; and

(d) any other thing ancillary to any other part of the infrastructure.

(3) To remove any doubt, infrastructure mentioned in Section 4 (1) and (2) does not include rolling stock.

5 BOUNDARIES OF LIGHT RAIL REGULATED UTILITY NETWORK

5.1 Boundary Between a Light Rail Regulated Utility Network and an Electricity Distribution Network

(1) The High Voltage network boundary between a light rail regulated utility network and an electricity distribution network is the load side terminals of the switch in the electricity distribution network ring main unit, or other switchgear, which supplies the light rail regulated utility network. The cable between this point and the light rail regulated utility network incoming switchgear is part of the light rail regulated utility network.

(2) The Low Voltage network boundary at light rail passenger stops between a light rail regulated utility network and an electricity distribution network is the load side terminal of the Low Voltage main supply switch. To remove any doubt, the active and neutral conductor boundaries are:

a) For the active conductor(s), the interface at the stop side of the supply main switch; and

b) For the neutral conductor, the interface at the neutral supply Neutral Bar point of termination.

5.2 Alternative Network Boundary Between a Light Rail Regulated Utility Network and an Electricity Distribution Network

(1) Despite any other provision in this Code, a light rail regulated utility and an electricity distribution utility may, with written agreement from the Technical Regulator:

a) Agree in writing upon an alternative network boundary between a light rail regulated utility and an electricity distribution utility;

b) Agree to any technical interfaces between a light rail regulated utility and an electricity distribution utility; and/or

c) Define which assets are within each respective electricity network.

(2) Any alternative network boundaries made under clause 5.2(1) must clearly identify the location and properties of any isolated infrastructure created by an alternative network boundary.

5.3 Boundary Between Light Rail Regulated Utility Networks

(1) The boundary between two light rail regulated utility networks can be the point reasonably determined by the light rail regulated utilities whose networks are, or are to be, connected, considering industry standards and with written agreement from the Technical Regulator.

(2) The relevant light rail regulated utilities may also:

a) Agree on technical interfaces between the utilities; and/or

b) Define which assets are within each respective network.

DICTIONARY

(1) **Alternative network boundary** has the same meaning as in the *Utilities (Technical Regulation) Act 2014.*

(2) **Code** means this Light Rail Regulated Utility (Electrical) Network Boundary Code.

(3) **Electricity distribution network** means an electricity distribution network defined in section 7 of the *Utilities Act 2000*.

(4) **Electricity distribution utility** means a person who is licensed to provide an electricity distribution utility service under section 6 of the *Utilities Act 2000*.

(5) **Isolated infrastructure** has the same meaning as in the *Utilities (Technical Regulation) Act 2014***.**

(6) **Light rail regulated utility** means a regulated utility that provides the regulated utility service prescribed by the *Utilities (Technical Regulation) (Light Rail—Regulated Utility Service) Regulation 2016*.

(7) **Light rail regulated utility network** means a light rail network defined in section 6 of the *Utilities (Technical Regulation) (Light Rail—Regulated Utility Service) Regulation 2016*.

(8) **Person** includes a natural person, a firm, an unincorporated association, or a body corporate.

(9) **Regulated utility** means a regulated utility as defined in section 8 of the *Utilities (Technical Regulation) Act 2014*.

(10) **Technical Regulator** means the person appointed as Technical Regulator as defined in section 77 of the *Utilities (Technical Regulation) Act 2014*.