



LORD HOWE ISLAND

ELECTRICITY NETWORK SAFETY MANAGEMENT SYSTEM

BUSHFIRE RISK MANAGEMENT REPORT FOR 1 OCTOBER 2015 TO 30 SEPTEMBER 2016




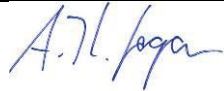
Date	Name	Signed Approval
31 Oct 2016	Penny Holloway, CEO, Lord Howe Island Board	
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1 Introduction

As the Electricity Network Operator (ENO) for Lord Howe Island, the Lord Howe Island Board (the Board) is required to report on Bushfire Risk Management related to the electricity network.

The report covers the period from 1 October 2015 to 30 September 2016.

This report is based on Section 4 and Annexure 2 of IPART's Electricity Networks Reporting Manual – November 2016.

2 Bushfire Risk Management Background for Lord Howe Island

The bushfire risk on Lord Howe Island is assessed as low due to the island being sub-tropical in nature, relatively high rainfall and the lush vegetation that prevails.

The whole electrical network on the Island is installed underground and all future network extensions are to be installed underground. The high voltage network is also protected at the Powerhouse and standby generator by high voltage fuses. The Board will comply with our design, construction, commissioning, maintenance, operations and decommissioning plans to assist with bushfire prevention.

The propensity to start a bushfire in such circumstances is extremely low.

3 Climate Conditions

Over the last 12 months, annual rainfall has been 1,530mm, just above the long term average of 1,508mm. Average 3pm temperatures of 21.1 deg C have been just below the long term average of 22.2 deg C. Compared to recent past, it has been a relatively wet year, dryer than normal winter and a wetter than normal spring and summer.

4 Reporting Details

4.1 Number of Inspections of Power Lines

There is nil to report as there are no aboveground power lines on the Island.

Table 1 : Data on Bushfire Risk Preparation Works

Criteria	Target this season	Actual this season	Outstanding from previous seasons	Actual from previous seasons
Line length of the network inspected by the Board in bushfire prone areas within the reporting year.	0	0	0	0
Private lines checked by the Board in pre-season inspections by the conclusion of reporting year.	0	0	0	0
Number of HV customers advised to undertake pre-season bushfire checks in accordance with ISSC 31	0	0	0	0

4.2 Number of Defects Identified or Corrected

There were no defects identified in the underground power lines on the Island.

Table 2 : Asset defects impacting bushfire risk

Criteria	Inside bushfire prone areas Cat 1, 2, 3 or 4	Outside bushfire prone areas Cat 1, 2, 3, or 4
Number of identified asset defects impacting bushfire risk within bushfire prone areas that were open at the conclusion of the reporting year.	0	0
Number of directions for bushfire risk mitigation work on private land issued to LV customers by the Board.	0	0

4.3 Number of Fire Ignitions from Network Assets or Private Installations

Table 3 : Bushfire Starts and Risk Management

Criteria	Inside bushfire prone areas	Outside bushfire prone areas
Number of report bushfire ignitions by private installations (HV and LV)	0	0
Number of reported bushfire ignitions by the Board's electricity network	0	0
Number of identified vegetation defects open at the conclusion of the reporting year within bushfire prone areas.	0	0
Number of directions for bushfire risk mitigation issued to private LV customers by the Board that are outstanding as of 30 September.	0	0
Number of directions for bushfire risk mitigation issued to private LV customers by the Board that are outstanding by more than 60 days.	0	0
Number of HV customers providing statements of compliance in accordance with ISSC 31 by 30 September.	0	0

4.4 Bushfire Risk Management Actions

There is nil to report as the bushfire risk remains low.

With support from the mainland, the Island's Rural Fire Service is preparing a Bushfire Risk Management Plan, which is expected to be finalised in May 2017.

4.5 Audit Reports on the ENSMS

There is nil to report as the Board's ENSMS remains in draft form, and is expected to be finalised by 30 December 2016 and audited in 2017.

4.6 Compliance with IPART Directions

There have been no directions from IPART in relation to Bushfire Risk Management.