



Standing Committee on Environment, Climate Change and Biodiversity

Inquiry into Annual and Financial Reports 2021-2022 **ANSWER TO QUESTION TAKEN ON NOTICE**

Asked by Ms Jo Clay MLA on 7 November 2022: Mr Shane Rattenbury MLA took on notice the following question:

Reference: Hansard [uncorrected] proof transcript 7 November 2022, Page 52

In relation to: Electricity Reliability

MS CLAY: And I have been through a few energy enquiries now and there is always a concern about reliability, do you have concerns about ACT reliability at the moment?

Mr Rattenbury: I do not. Right now, the ACT has an incredibly high reliability measure, it is well north of 99 per cent and I just cannot remember the exact figure, I am happy to provide it on notice, that is the sort of performance standard that Evo currently delivers.

In terms of—so that is the sort of day to day reliability, you know, not getting blackouts on a regular basis and getting the service back up quickly. In terms of the more macro question of reliability, as the grid changes, I think there is a recognition that there are risk points in the coming decade with the early closure of Coal fired power stations and how quickly replacement energy can be rolled out and how quickly the distribution—the transition network can be upgraded to match it.

So I think there are risk points in the next decade but there is a clear focus amongst energy ministers that that is a problem we have to address.

Shane Rattenbury MLA: The answer to the Member's question is as follows:—

I have no concerns regarding the reliability of the ACT electricity network.

System reliability is measured in several ways, with the Electricity Distribution Supply Standards Code providing the requirements for safe and reliable electricity supply. These requirements and the most recent figures available for performance against them are provided in the below table.

Measure	Target	Performance in 2020-21
System average outage duration (SAIDI) per customer in minutes	91	82.04
System average outage frequency (SAIFI) in outages per customer	1.2	0.75
Customer average outage duration (CAIDI) per outage in minutes	74.6	110.1

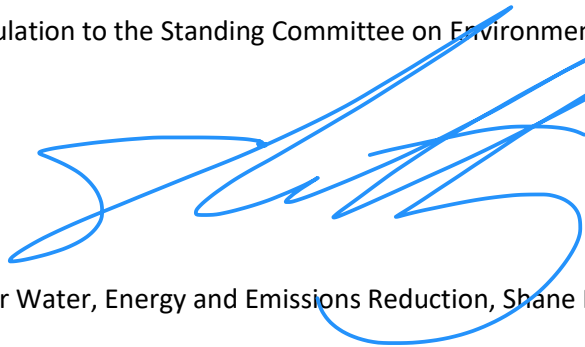
The targets for SAIDI and SAIFI were met, but the CAIDI target was not met. CAIDI is considered a secondary reliability indicator, and therefore is a minor non-conformance.

The results indicate that compared to the reliability targets, customers experienced supply interruptions less frequently than expected (SAIFI) and on a system wide basis (average across all customers) the duration of outages (SAIDI) was also shorter than the performance target. When looking at those customers actually impacted by outages (CAIDI) the duration of outages was longer than expected.

Further detail is available in the Utilities Technical Regulation Annual Report 2020-21 that can be found at <https://files.accesscanberra.act.gov.au/files/utilities-technical-regulation/Utilities-Technical-Regulation-Annual-Compliance-Report-2020-2021.pdf>.

Approved for circulation to the Standing Committee on Environment, Climate Change and Biodiversity

Signature:



Date:

18/11/22

By the Minister for Water, Energy and Emissions Reduction, Shane Rattenbury MLA