

**Question on Notice**  
**No. 309**  
**Asked on Wednesday, 29 March 2023**

**MR J KRAUSE** ASKED MINISTER FOR ENERGY, RENEWABLES AND HYDROGEN AND MINISTER FOR PUBLIC WORKS AND PROCUREMENT (HON M DE BRENNI)—

Will the Minister outline all unplanned electricity black outs between January 2022 to current, identifying the (a) duration of the blackout including start and finish times, (b) reason for the blackout and (c) areas affected by the blackout?

**ANSWER**

Energy Queensland's two distribution network service providers, Energex and Ergon Energy Network supply electricity to nearly all Queensland customers and both report on their network reliability in their Distribution Annual Planning Reports (DAPR).

The reliability performance of the supply network is assessed using industry-regulated measures, namely the System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI). These indices provide accurate reporting for evaluating the reliability of the network. The performance of Distribution Network Service Providers (DNSP) in each region within Queensland is recorded in terms of outage duration, numbers and reported to SAIDI and SAIFI. The findings are published annually in the DAPR, which are publicly available on the following websites:

[https://www.energex.com.au/\\_data/assets/pdf\\_file/0004/1044184/Distribution-Annual-Planning-Report-2022.pdf](https://www.energex.com.au/_data/assets/pdf_file/0004/1044184/Distribution-Annual-Planning-Report-2022.pdf) and:

[https://www.ergon.com.au/\\_data/assets/pdf\\_file/0009/1044873/Ergon-Distribution-Annual-Planning-Report-2022.pdf](https://www.ergon.com.au/_data/assets/pdf_file/0009/1044873/Ergon-Distribution-Annual-Planning-Report-2022.pdf).

The raw data shows outages from as brief as a few seconds to long outages caused by events such as the 2014 Brisbane Hailstorm or Cyclone Marcia. By viewing the data via the Indices or DAPR, a clearer more useable picture is provided to determine progress against performance targets and Minimum Service Standards (MSS).

Both Energex and Ergon Energy Network provide real time outage information to their customers on their respective websites and through other alert systems when both planned and unplanned outages occur. The MSS indices are designed to accurately report the performance of the DNSP when dealing with large volume of data, providing an indication of whether the system's performance meets expectations. Extensive time and resources would need to be diverted from core business activities to answer the question in the indicated level of detail for the whole state.

If the Member has a question about a specific outage, I would be happy to seek that information from Energy Queensland.