



LEGISLATIVE ASSEMBLY OF THE NORTHERN TERRITORY

No. 101

WRITTEN QUESTION

K McNamara to the Minister for Essential Services, Hon Steven Edgington
MLA:

Questions for Territory Generation

These are questions that were prepared for Estimates, however, due to time limitation they were unable to be asked.

1. What is the current minimum generation capacity for the DKIS?

The minimum generation demand seen by Territory Generation in the DKIS (Darwin-Katherine Interconnected System) for FY24/25 was 49 MW. The underlying minimum system demand may be higher due to other participants in the system.

2. Is DKBESS1 fully operational?

The DKBESS is online and operational.

3. The TGen SCI says the installation of DKBESS1 permits one of the gas turbines at channel island to be decommissioned, can you please confirm if this is the case?

Yes

4. If so, has the turbine been decommissioned and is it the same turbine being transformed into a synchronous condenser?

The turbine is not yet decommissioned.

5. Can you please confirm the status of DKBESS 2 procurement and the size of the battery or batteries and proposed locations for them?

The procurement process for DKBESS 2 is progressing in line with established timelines.

At this stage, details regarding the final battery capacity and specific site locations are still subject to ongoing assessment and contractual arrangements.

6. **Can you please provide the details of further generation and storage projects planned and/or approved?**

A Regulated Electricity System and Investment Plan is currently under development that will determine future generation and storage projects

7. **Has the TM2500 turbine purchased in 2021 been commissioned yet?**

The TM2500 is currently in commissioning.

8. **If not, why not?**

N/A

9. **The TGen SCI includes the forecast capital expenditure which includes the cost of the fleet transition plan. Is the forecast capital expenditure for further replacement turbines (it would appear so based on the statement above from 2021)?**

The latest SCI includes the cost of the life extension of the existing Frame 6B units at Channel Island rather than new replacement gas turbines.

10. **Please provide details of the capital expenditure including how many turbines are intended to be replaced under this forecast?**

There is capital budget in the SCI for additional generation capacity in Alice Springs.

Currently, there are no additional capital allocation for new turbines in DKIS which increases TGen's total installed capacity.

11. **What sort of turbines are the replacements?**

The Alice Springs generation is still in development and hence no decision has been made on the specific technology.

12. **When they will be replaced?**

Refer to response to Question 11.

13. What is the minimum generating capacity of the generators?

N/A – refer to response to Question 11

14. Are there any contracts on foot for replacement turbines?

No

15. If so, can you please provide details?

N/A