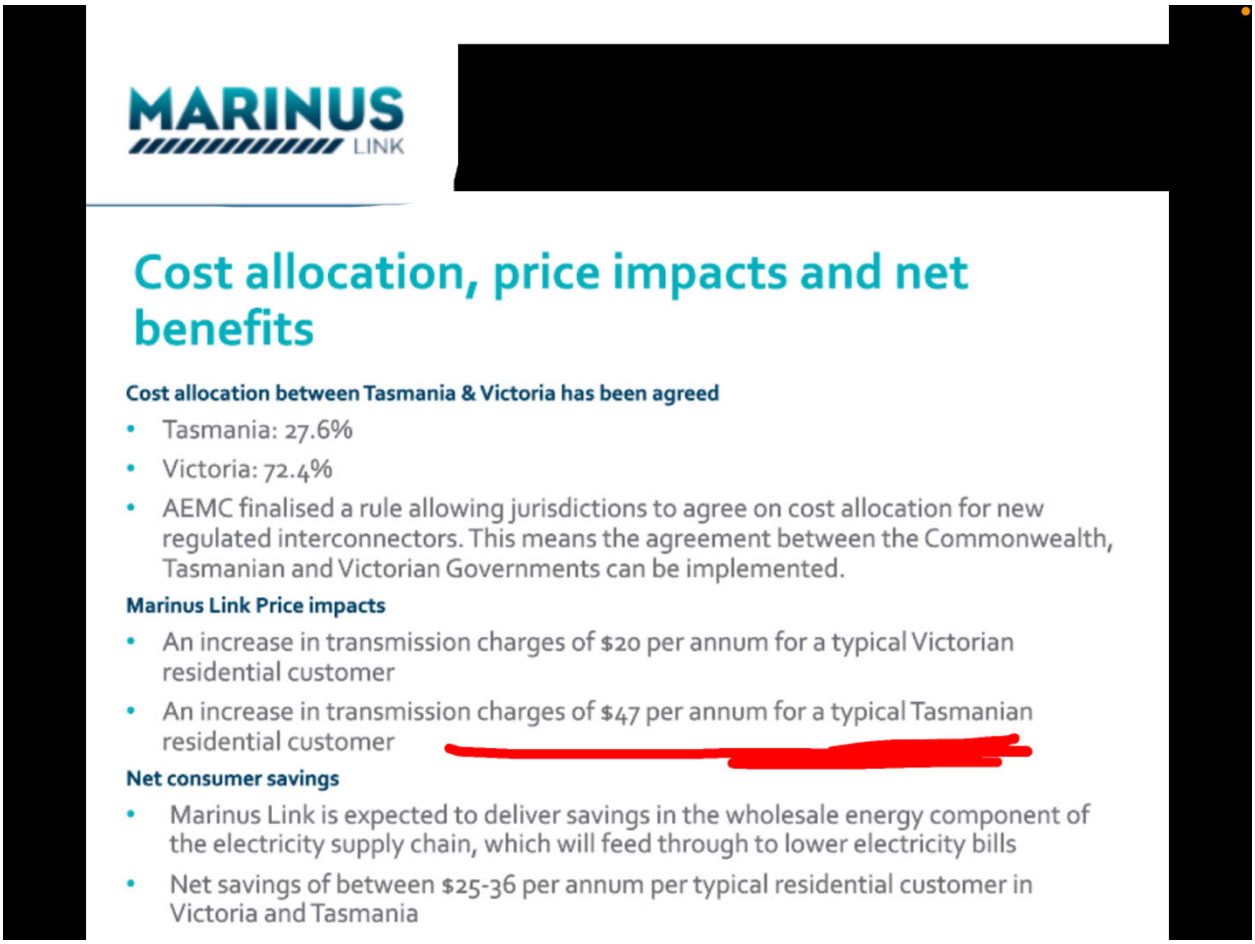
To the AER

Some general observations from a Tasmanian residential energy consumer.

Marinus link stage one will not provide an active stand alone transmission service as it requires the Northwest transmission developments stage one?



The $47 cost on Tasmanian residential Energy customers will have no wholesale energy ‘savings’ because the cost of the Northwest transmission development stage one will need to be added to that $47. If that is the case the way this has been presented to the public is disingenuous at best.

The proposed cable route

Marinus Link will cross Bass Strait, connecting into existing electricity transmission networks near Burnie in North West Tasmania and Hazelwood in the Latrobe Valley, Victoria.

The proposed location of Marinus Link in North West Tasmania will enable connection into some of Australia's best renewable energy and storage resources.

the proposed

The proposed cable route connects to Tasmania's North West Transmission Network at the proposed Heybridge converter station, on the coast just east of Burnie. From Heybridge, the cable will cross Bass Strait for approximately 255 kilometres, buried beneath the seabed.

Marinus Link will be underground in Victoria, crossing the shore at Waratah Bay about 3 km west of Sandy Point, running north through South Gippsland and into the Latrobe Valley.

It will connect into the national electricity grid at Hazelwood in the Latrobe Valley.

Northwest transmission Developments stage one costs will not be finalised until September 2025?

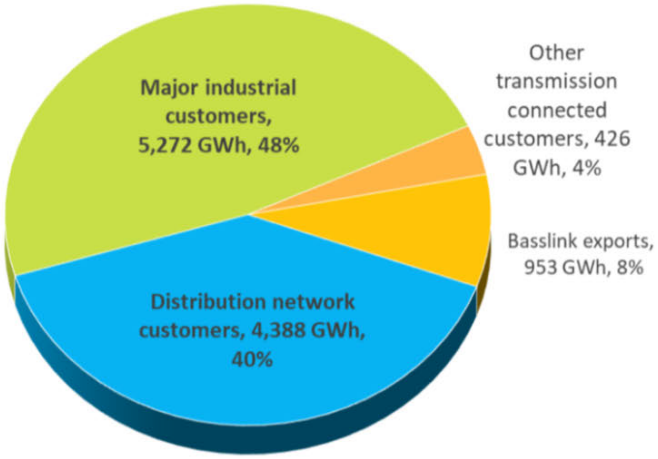
Also below is a graph of the Tasmanian energy consumers 2019. Large industry consumes approx. 50% of Tasmania's power.

tasnetworks.com.au

Electricity use in Tasmania

A large portion of the energy used in Tasmania is supplied to customers directly connected to the transmission network. In 2019 ten load customers directly connected to the transmission network, including four major industrial customers, collectively used approximately 52 per cent of the total energy that flowed through the transmission network and accounted for 33 per cent of total network maximum demand. This represents 55 per cent and 40 per cent, respectively, of on island energy use and demand. A breakdown of the energy supplied by Tasmania's transmission network in 2019 is presented in Figure 3 below.

Figure 3 Relative transmission network use in 2019



It has not been clear what Tasmanias large industry consumers are contributing financially towards Marinus link stage one? Towards Project Marinus? Towards its annual running costs? This needs to be clarified.

Project Marinus includes both Marinus Link and the North-West Transmission Developments (NWTD). Marinus Link is a proposed two-cable undersea DC transmission link (and telecommunications connector) between Tasmania and Victoria. The NWTD is a major transmission upgrade in Tasmania. Together, the aim for the NWTD and Marinus Link is to play an integral role in supporting Australia's transition to a clean energy future.

Marinus Link is currently in the design and approvals phase, with a final investment decision expected in late 2024. Stage 1 (cable 1) is expected to begin construction in 2025 and Stage 2 (cable 2) in 2027. Construction on Marinus Link is expected to be completed by 2030. The NWTD is expected to begin construction in 2024 and is also due to be completed in 2030. In total, the construction phase of Project Marinus is expected to cost $6.7 billion real 2023 AUD between 2025 and 2030.[1]

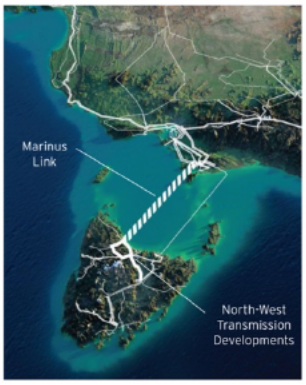
Indicative high-level construction costs, 2025 onwards ($m, real 2023 AUD)

	Tasmania	Victoria
Stage 1	1,637	1,637
Stage 2	1,320	1,320
NWTD	810	-
TOTAL	3,767	2,957

Source: Marinus Link

Indicative annual operating costs ($m, real 2023 AUD)

	Tasmania	Victoria
Stage 1	8.4	8.4
Stage 2	8.4	8.4
NWTD	4.6	-



The recent webinar had a percentage of questions unanswered and at the very least answers need to be in writing and the full video of webinars and chat shared to the public.
To help with 'community engagement'. Particularly as it becomes apparent that you are attempting to force the public to pay for this.

Cheers
Amarlie Crowden
[redacted]