



Sustainable Energy Now Inc.
PO Box 341
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9 November 2022

EPWA

Via email EPWA-info@dmirs.wa.gov.au

Renewable Hydrogen Target stakeholder feedback
Submission from Sustainable Energy Now Inc (SEN)

Dear Sir or Madam,

SEN has elected not to use the template to provide feedback as we do not support the Renewable Hydrogen Target policy. The feedback provided below refers to the policy as a whole (refer <https://www.wa.gov.au/government/document-collections/renewable-hydrogen-target-western-australia>).

Whilst we acknowledge the efforts the state government is undertaking to decarbonise the economy; we think there are better options. These options and the shortcomings with the



- V. Our anecdotal information is that existing gas generators may not be suitable for conversion to hydrogen fuel. If new, purpose-built generators are being considered then CAPEX will be higher.
- W. Electrification of all industry sectors (powered by renewable energy - wind/ solar / batteries) would deliver much greater emissions reduction more quickly and easily than trying to use renewable hydrogen in power generation.
- X. Hydrogen electrolyzers would create large loads – energy that would be better spent decarbonising other sectors earlier and to greater effects from an emissions reduction and capital utilisation perspectives
- Y. Perhaps the problem that hydrogen is proposed to solve needs to be reframed and other options considered. the desired outcomes are to reduce emissions across the state whilst making best use of the state’s limited resources. This could lead to developing more appropriate strategies.

Better policy options include industry electrification and an all of industry coordination (e.g., system planning, system operation etc), transmission infrastructure, storage infrastructure, rewiring the nation – home and small business – grants and incentives for electrification, battery storage, VPPs, BEV integration, two- way power flows etc

SEN suggest that EPWA changes policy direction - set a renewable energy target, communicate the policy clearly, build the infrastructure to increase private investor confidence, reduce the cost of capital and reduce overall investor risk. Investors will then build the required amount of generation and storage capacity required.

We look forward to the opportunity to discuss our feedback with EPWA and other state agencies,

Yours faithfully,

Fraser Maywood
Chair
Sustainable Energy Now Inc

Position endorsed by the SEN Committee on 7th November 2022 via circular resolution