

s.73(2) - Irrelevant

From: s.78 s.78
Sent: Tuesday, 7 March 2023 3:50 PM
To: s.78 s.78
Subject: FW: Community Meeting - Biloela

Hey team,

FYI notes from yesterday's meeting.

Thanks,

s.78

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Office of the Hon. Mick de Brenni MP



Minister for Energy, Renewables and Hydrogen
Minister for Public Works and Procurement

M s.49 - CTPI - Persd | Email: s.78 s.78
1 William Street, Brisbane GPO Box 2457 Brisbane QLD 4001

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From: s.78 s.78
Sent: Tuesday, 7 March 2023 2:43 PM
To: s.78
Cc: s.78
Subject: Community Meeting - Biloela

Hi s.78

Short summary of yesterday's MEU Community Meeting in Biloela.

- It was not presented as a union meeting, rather a community meeting to discuss the transformation of the energy and mining sectors, and the impact of the Queensland Energy and Jobs Plan.
- There were three main speakers.
- s.78 s.78 (CFMMEU) – spoke in support of Carbon Capture and Storage (CCS) / Carbon Capture, Utilisation and Storage (CCUS)
- s.78 s.78 (CFMMEU Western Australian State Secretary) – spoke about Collie's Just Transition
- Bill Jonhston (Western Australia's Minister for Mines and Petroleum, Energy, Corrective Services and Industrial Relation) – joined by video to also discuss Collie's Just Transition and the importance of communication and trust at all levels
- Some community sentiment that there's been a lack of communication from those investing in future energy
- Not many comments regarding the future of Callide Power Station

Thanks,

s.78

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s.78



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- Not many comments regarding the future of Callide Power Station

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From: EPW
Sent: Friday, 17 March 2023 11:45 AM
To: EPW DLO
Subject: FW: CCS Policy
Attachments: 3-13-23 Letter to Energy Minister CCS final.pdf; FINAL CCS Discussion Paper .pdf

Hi s.78

Apologies it came a bit late, was a little sidetracked with things going on at parli yesterday.

Kind regards,

s.78 s.78



Office of the Hon. Mick de Brenni MP
Minister for Energy, Renewables and Hydrogen
Minister for Public Works and Procurement

s.49 - CTPI - Personal information | **Email:** s.78 s.78
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From: s.78 s.78
Sent: Tuesday, 14 March 2023 8:53 AM
To: EPW <Epw@ministerial.qld.gov.au>; External - Springwood Electorate Office
<springwood@parliament.qld.gov.au>
Cc: s.78 s.78
Subject: CCS Policy

Dear Minister De Brenni

Please find attached correspondence (and attachment) relating to the above.

Regards

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Mining and Energy Union Queensland
(a division of the CFMMEU)

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14 March 2023

Mick de Brenni MP Minister for Energy
Renewables and Hydrogen
Minister for Public Works and Procurement

E-mail: Epw@ministerial.qld.gov.au; springwood@parliament.qld.gov.au

Dear Minister De Brenni

RE: CCS Policy

I write to you in relation to the Queensland Mining & Energy Union recent Community Energy forum which was held in Biloela on Monday 6th March 2023. It was very disappointing not to have yourself as the minister, or any representative from the Queensland government present. An invite was sent well in advance to your office and in fact, we did not even receive a response.

The Community Energy Forum was held by the MEU as a part of its broader energy agenda and policy discussion. The forum was a success, and we intend to build on this in which community members, unions and others were brought together to discuss the status of energy in Queensland.

As a part of this forum the MEU launched its "Carbon Capture and Storage" to help Queensland manage the Energy Transformation. The MEU has the following matters which need to be answered and the relevant detail provided.

- Release modelling and costings on the use CCUS in coal power generation and industry, including past pilot projects and any forward modelling.
- Examine the use of new CCUS technologies internationally and their potential to sustain and expand global demand for Queensland metallurgical coal.
- Invest in modelling the economic benefits for Queensland to invest in CCUS technology to support emissions-reduction targets in industry, alongside modelling of potential uses of CCUS in coal fired generation to bolster energy security for Queenslanders.
- Review options for utilising Queensland's carbon sequestration potential.

This is not the first time the MEU has written to you in relation to CCS and its development. We wrote to you in December 2021 in which we stated the MEU position on this technology and development. We expressed a view in that correspondence that the focus was very narrow and concentrated on Hydrogen

Division of the Construction, Forestry, Maritime, Mining and Energy Union. Incorporating the Federal & State Registered Unions.

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pilot programs which are still just that a program, and in fact focused too heavily on Green Hydrogen when in fact it should be about clean Hydrogen which can be achieved through Coal & Gas. At that time, we requested that the government look at focus being given to the use of CCS and now we know that its CCS with utilization being a component of its application.

We also noted then that the Queensland government had no appetite to invest in CCS which we all know is a must apply technology if we are to ever reach zero net emissions, not just for the coal fire powered generators but other heavy emitters which are not even in the discussions at this time. The Queensland government have no desire to invest in clean Hydrogen, even now in Victoria the sector is ramping up.

The recent decision and investment with the Victorian government with the trade minister Tim Pallas, secured a deal with Japan to allocate \$2.35 billion towards a project to use carbon capture and storage in Victoria. This is certainly welcomed by the MEU, not just in Victoria but right across Australia.

The MEU also refers to the "Queensland Energy Workers Charter" which we signed and in point 7 "Towards Net Zero" it states the following "the parties note that a range of strategies will be required to achieve net zero economy- wide by 2050. This includes renewable energy, hydrogen, pumped hydro storage, new battery technologies, carbon capture and storage, bio energy in the mix."

The situation is that CCS can and needs to be undertaken now and as mentioned earlier, commencement on all forms of Hydrogen needs to occur.

I have attached our policy paper for the CCS which will assist in the government better understanding our position.

Yours Faithfully

s. 78
s.78

MEU District President

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Can Carbon Capture and Storage help Queensland manage energy transformation?

MEU QLD District

CCS is important for reducing global emissions.

CCS stands for carbon capture and storage. Sometimes the term CCUS – carbon capture, utilisation, and storage – is used instead to highlight the potential industrial utilisations of captured carbon. Both CCS and CCUS refer to emissions abatement technologies which separate carbon dioxide from industrial and energy sources. In CCS, the CO₂ is then transported through pipelines to a location where it can be injected and stored in long-term isolation from the atmosphere, usually in deep underground geological formations.

Industrial-scale CCS has been around for 50 years. At most recent count, there were 29 CCS facilities operating globally, with a capacity of more than 35 million tons per year, and more than 100 planned facilities in the pipeline. These include the Sleipner CCS Project in Norway, which has injected more than 20 million tons of CO₂ captured from natural gas processing since becoming operational in 1996, and the Quest project in Canada, which has captured and stored over 6 million tons of CO₂ from hydrogen production since November 2015.

The most recent report of the Intergovernmental Panel on Climate Change (IPCC) on climate change mitigation, released in April 2022, identifies CCS as a key technology for reducing emissions, but warns that 'global rates of CCS deployment are far below those in modelled pathways limiting global warming to 1.5°C or 2°C.'