



COAG Energy Council Secretariat
GPO Box 9839
CANBERRA ACT 2601

Dear Sir/Madam

Energy Storage Registration Consultation Paper

I am writing on behalf of the Energy Storage Council – the peak body for the energy storage industry – to provide feedback on the COAG Energy Market Transformation Project Team’s Energy Storage Registration Consultation Paper.

I apologise sincerely for this late submission. The Energy Storage Council has been actively engaged in the COAG consultation process and has met with nearly all jurisdictions, but we are also keen to be on the public record on this important issue for our industry.

About the Energy Storage Council

The Energy Storage Council is the peak body for Australia’s energy storage industry. The Council has more than 100 members – companies involved in residential, commercial and large-scale energy storage. You can find information on the Council at www.energystorage.org.au

The Energy Storage Council is a partner organisation to the Australian Solar Council, the peak body for the solar industry. The Australian Solar Council is the largest renewable energy industry body by membership numbers and the two organisations provide representation across a wide range of residential, commercial and large-scale solar and storage companies, including installers, retailers, distributors, manufacturers, researchers and concerned Australians.

The Energy Storage Council has taken a national leadership role in developing industry standards, encouraging industry best practice, training installers and system designers and helping Australian families and businesses make informed decisions about energy storage.

Energy Storage Registration

The Energy Storage Council has been proactive in developing a national energy storage registration scheme (an energy storage database) and has made substantial progress with this project.

The Energy Storage Council has partnered with leading national energy data company Global-Roam <http://home.global-roam.com> to develop a national energy storage database.

As part of the development of the database, the Energy Storage Council and Global-Roam have created *Battery Finder*, arguably the world’s largest online catalogue of battery storage products. <https://www.energystorage.org.au/batteryfinder/> *Battery Finder* provides a

picture of the product, a datasheet and detailed product specifications. It also provides a central collection of warranty documents, which will be built up over time to facilitate life cycle management and stewardship for batteries. Each of these elements will be essential to the establishment of an energy storage register.

The Energy Storage Council and Global-Roam are currently working with energy sector stakeholders (including manufacturers, distributors and installers of storage systems) to design and implement a process that works for registration of past and future installations. This is being done in real time, with real data. The development of *Battery Finder* is part of this process – as will be a number of other discrete but interrelated components released in coming weeks.

The Energy Storage Council and Global-Roam will provide Ministers and their Departments with comprehensive briefings on the national energy storage database prior to the December meeting of Energy Ministers.

Why we need a national energy storage database

The Energy Storage Council believes a national energy storage database is required for a number of reasons; for emergency and fire management responses; to better understand the impact on the energy grid; and to assist governments, power companies and researchers understand the policy and market implications of battery storage.

Fire services need to know if there is a battery storage system where they are fighting a fire, whether the fire is related to the system or not. They need to know the location of the battery storage system, the chemicals involved, have access to the safety data sheet and understand how best to fight any associated fire.

The Energy Storage Council takes safety very seriously. We believe fire services are the most important, most immediate stakeholders in ensuring the right information is available in a readily accessible database as early as possible. This is 'must have' data. All other data should be developed over time to suit the needs of other stakeholders.

The arguments for an energy storage register are outlined well in the Consultation Paper.

Who should build and manage a national energy storage database?

The Energy Storage Council strongly believes that industry should develop a national energy storage database or register. That is why we are building one right now. It is absolutely in the energy storage industry's best interests to be proactive, to support appropriate regulations and consumer protection and safety measures.

The Energy Storage Council and Global-Roam have the right contacts across the entire energy sector to ensure that it has the necessary data to build the database.



COAG may wish to consider a situation where the Energy Storage Council develops and administers a national energy storage register within a framework established by Australian Governments. As noted above, the Energy Storage Council is already developing a national energy storage register.

The Energy Storage Council looks forward to working closely with Australian Governments in developing and implementing a National Energy Storage Database.

Please contact me on 0417 141 812 or wayne@solar.org.au should you to discuss these matters further.

Wayne Smith
Government Relations Manager
Energy Storage Council, Australian Solar Council

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