



Australian Government

Australian Industry
Participation Authority

Australian Jobs Act 2013

AIP Plan reference code:

Australian Industry Participation Plan Summary - Project Phase

Nominated project proponent: A-CAES NSW PTY LTD

Project details

Name: Silver City Energy Storage

Location: Broken Hill, New South Wales

Type: Electricity facility

Purpose: Establish new facility

Capital expenditure: \$500 million or more

Description: A-CAES NSW Pty Ltd., is a wholly owned subsidiary of Hydrostor Australia Holding Pty Ltd and is proposing the development of the Silver City Energy Storage facility ("SCES" or the "Project") using Hydrostor's proprietary advanced compressed air energy storage (ACAES) technology. This facility will provide large-scale, long duration energy storage for Broken Hill and the wider NSW region. The proposed facility is a 200MW, 1,600MWh A-CAES generating facility located at the Potosi mine approximately three (3) kilometers northeast of Broken Hill. The Potosi mine is owned/operated by Perilya Limited and is in the process of phasing out a portion of its active mining activities within the mine. The topside facilities will consist of several turbine buildings that will house the compressor and generator equipment, a 220kV gas insulated switchyard, warehousing and a 259,000m³ above ground reservoir. For the subsurface portion of the project, the facility will excavate a new 250,000 m³ cavern located approximately 600m underground. This new cavern will be used for the storage and release of compressed air. The existing Potosi underground entrance and underground workings will be utilized to provide access to the proposed underground cavern, reducing the level of excavation required. Upon completion of construction the Project will have no operating dependencies with the mine operation. Connecting the facility to the grid will be a new, 16km 220kV transmission line. The route of the new transmission line will be around the southern boundary of the City of Broken Hill, past the airport and connecting into an existing Transgrid substation, off Pinnacles Road. Financial close for the project is imminent and achieved, Construction will commence shortly thereafter.

Completion date: 30 Dec 2030

Key goods and services

Indicative list of key goods and services to be acquired for the project:

Key goods and services	Opportunities for Australian entities*	Opportunities for non-Australian entities	Explanation for no opportunities for Australian entities
Supply of Turbine Generators & Compressors	Yes	Yes	
Surface Construction (Structural, Mechanical & Piping and Balance of Plant)	Yes	No	
Services for the installation of process equipment	Yes	No	
Underground Cavern development and construction	Yes	No	
HV Construction (incl switchyard)	Yes	No	
Supply of Thermal Storage Vessels (Pressure Vessels)	Yes	Yes	
Supply of Heat Exchangers	Yes	Yes	
Supply of Cold Storage Tanks (incl design and construct)	Yes	Yes	
Site Establishment Works (i.e. earthworks, fencing, site power, water etc)	Yes	No	
Construction of Bulk Earthworks (incl storage dam and lining construction)	Yes	No	
Underground Shaft construction	Yes	No	
Key equipment required for the construction of the project	Yes	No	

* An Australian entity is an entity with an ABN or ACN

Project standards:

Australian
International

Supplier information and communication

Project proponent's contact person for supplier enquiries:

Contact person name Amelita Valle
Contact person position Project Procurement Manager
Phone number 0477036384
E-mail procurement@silvercityenergystorage.com

Project proponent website: <https://www.silvercityenergystorage.com/>

Project opportunities website:

<https://www.silvercityenergystorage.com>
<https://gateway.icn.org.au/projects/7693>

Supplier engagement and communication actions :

- Promote project opportunities through industry associations
- Engage with vendor identification agencies on project opportunities and bid processes
- Conduct supplier information briefings on project opportunities and bid processes
- Develop and distribute a supplier information guide for the project

Building Australian industry capability

Supplier capability development actions:

- Recommend suppliers undertake training and/or accreditation
- Provide market intelligence to suppliers

Global supply chain integration actions:

- Facilitate strategic partnering and joint ventures between Australian and international suppliers
- Provide references for high performing suppliers

Feedback:

The project proponent will ensure that its procurement entities offer, and if requested, provide feedback to Australian entities whose bids to supply key goods or services for the project have not been successful. Feedback will include recommendations about any relevant training, skills capability and capacity development.

Australian Industry Participation Plan Summary - Operations Phase

Nominated facility operator: A-CAES NSW PTY LTD

Facility details

Name: Silver City Energy Storage

Location: Broken Hill, New South Wales

Type: Electricity facility

Key goods and services

Indicative list of key goods and services to be acquired for the new facility:

Key goods and services	Opportunities for Australian entities*	Opportunities for non-Australian entities	Explanation for no opportunities for Australian entities
HV Maintenance	Yes	No	
Critical Equipment Spares (turbomachinery, heat exchangers etc)	Yes	Yes	
Site Security	Yes	No	
Testing and Calibration services (oil testing, inspection, sampling, PSV etc)	Yes	No	
Operations and Maintenance Head Contractor Services	Yes	No	
Site Consumables (oil, chemicals etc)	Yes	No	

*An Australian entity is an entity with an ABN or ACN

Facility standards:

Australian
International

Supplier information and communication

Facility operator's contact person for supplier enquiries:

Contact person name Amelita Valle
Contact person position Project Procurement Manager
Phone number 0477036384
E-mail procurement@silvercityenergystorage.com

Facility operator website: <https://www.silvercityenergystorage.com/>

Facility opportunities website:

Supplier engagement and communication actions :

- Promote project opportunities through industry associations
- Engage with vendor identification agencies on project opportunities and bid processes
- Conduct supplier information briefings on project opportunities and bid processes
- Directly contact suppliers with information on project opportunities and bid processes

Building Australian industry capability

Supplier capability development actions:

- Recommend suppliers undertake training and/or accreditation
- Support supplier development initiatives of industry associations or governments

Global supply chain integration actions:

- Facilitate strategic partnering and joint ventures between Australian and international suppliers
- Provide references for high performing suppliers

Feedback:

The project proponent will ensure that its procurement entities offer, and if requested, provide feedback to Australian entities whose bids to supply key goods or services for the project have not been successful. Feedback will include recommendations about any relevant training, skills capability and capacity development.