



SILVER CITY
ENERGY STORAGE

Your Future in Clean Energy Starts Right Here in Broken Hill!

Ever wondered how we can store clean energy to use when the sun's not shining or the wind isn't blowing? That's exactly what Hydrostor does—and they're bringing this cutting-edge tech right to Broken Hill!

Hydrostor is building a new project called the Silver City Energy Storage Centre, and it's all about using compressed air stored underground to deliver reliable, renewable power. Think of it like a giant, high-tech battery—but way cooler.

Why You Should Care:



750+ Jobs During Construction

That's a lot of opportunities for trades, tech, and support roles right here in your community over the next 2–3 years.



35 Full-Time Local Jobs

Once it's up and running, the site will need skilled workers to operate and maintain the facility.



Be Part of the Clean Energy Revolution

This project will help Australia use more solar and wind power by storing energy for when it's needed most. You could be part of the team making that happen!



Careers in Engineering, Trades, Tech & More

Whether you're into hands-on work or planning and problem-solving, there's a path for you in renewable energy—and it could start right here in Broken Hill.

Careers in Renewable Energy

There are several pathways into a career in renewable energy, this may involve learning a particular skill and/or qualification at TAFE or University or building on these skills.

A lot of trades and technicians that support the renewable energy sector come from electrical, mechanical and / or civil backgrounds.

Pre-apprenticeships, apprenticeships and post-trade qualifications are all valued in the sector. These are supplemented by safety or competency training that is specific to a particular technology, site or industry.

An electrical license is very versatile and allows mobility between different renewable technologies and employers. Electricians could consider pathways that include experience in high-voltage operation, electrical site supervision, management or as a superintendent.

Mechanical trades can provide an entry level and also demonstrate engineering knowledge and technical aptitude to potential employers within the renewable sector. It is often required to upskill for the specific industry and when seeking career opportunities and enhancements.

The table below and on the following pages provides a list of typical occupations and some information regarding each occupation type.

JOB DESCRIPTION	QUALIFICATIONS	SKILLS & DEMAND
Asset Manager Develop and oversee physical asset strategies that will inspect the site periodically, monitoring and analysing performance data. Includes working with contractors, landowners, lenders, operation and maintenance partners and community groups.	Engineering Project management	Transferable across construction, oil and energy, mining and minerals, automotive and marine. Medium demand.
Bids and Proposal Manager Leads a team, or involved in a team that writes proposals and collaborates with senior leaders and cross functional teams to submission of proposals and plans.	Tertiary	Transferable across many sectors. Low demand.
Civil/civil design engineer Design major projects inclusive of transport, infrastructure and renewable energy. Plan, design and supervise construction and maintenance.	Tertiary	Transferable across many sectors. Medium demand.
Commercial Manager Manages financial plans, forecasting, budgeting business performance, legal and commercial arrangements.	Tertiary	Transferable across many sectors. Low demand.

JOB DESCRIPTION	QUALIFICATIONS	SKILLS & DEMAND
Community Liaison Manager Stakeholder and community engagement professionals are an essential part of all renewable energy projects from initial development stages right through to project end of life. These roles work to advocate, educate, and organise to improve industry practices, deliver local benefits and ensure relationships with project landowners, neighbours, and local communities are both positive and constructive.	Tertiary Business Communications, Public Relations, Marketing, Stakeholder Engagement or a related discipline can be good foundations. Certification in IAP2 public participation or similar methodology is an advantage. A current driver's license could be useful	Transferable across many sectors. Medium demand.
Construction Manager Plan, coordinate, budget and supervise construction projects during entire life cycle.	Tertiary	Transferable across many sectors. Medium demand.
Control Room Operator Generally work in power plants to monitor activities and ensure the smooth functioning of systems and equipment.	VET	Specific to power plant operations. High demand.
Contracts Manager Write and review contracts develop and maintain relationships with clients and suppliers.	Tertiary	Transferable across many sectors. Medium demand.
Development Manager Key role that grows the business and looks for and secures opportunities and creates long lasting impact.	Tertiary	Transferable across many sectors. High demand.
Electrical engineer Create, design and manage electricity to help power the world, solve problems, innovate technology. Provides pathways to specialise.	Tertiary	Transferable across many sectors. High demand.
Electrical power systems technician Generally build, calibrate and repair electrical instruments or testing equipment. Visit sites or locations where systems are located.	VET	Transferable across some sectors. High demand.
Engineering procurement, construction manager (EPC)	Tertiary	Limited transferability. Medium demand.
Field service technician Responsible for installing, repairing and maintaining service equipment.	VET	Transferable across some sectors. Medium demand.
Field Support engineer Troubleshooting and maintenance and replace/ upgrade to installations.	Tertiary	Transferable across some sectors. Medium demand.
Geotechnical engineer Plans and conducts survey of the soil and rock especially in circumstances of pressure to understand impact/viability of proposed structures.	Tertiary	Transferable across some sectors. Low demand.

JOB DESCRIPTION	QUALIFICATIONS	SKILLS & DEMAND
Grid connection engineer/manager Grid connection engineers are key to the growth of renewable energy in Australia – they plan, design, and manage integration of renewable energy power generation into the network. They are needed for all renewable energy technologies and are generally employed by developers, balance-of-plant providers, consultants, and the Australian Energy Market Operator (AEMO). They ensure grid connection compliance with AEMO and power systems network service providers, prepare and manage all associated technical documentation, and maintain strong effective relationships with regulatory and technical stakeholders.	Tertiary A Bachelor of Electrical Engineering, usually power systems engineering, often at the Masters level. The technical elements of this role are specific to the energy sector, however transferability could be demonstrated from other highly technical and complex modelling or decision-making roles.	Specific to energy sector. Medium to high demand.
High voltage operator/ and engineer High voltage (HV) operators are needed on all renewable energy generation and storage sites. As part of the on-site team the HV operator performs routine, preventative, corrective, re-active maintenance and operations on the generation or storage HV equipment and associated equipment. Their work is particularly important when reenergising assets after an outage. These roles are generally for people with 15 years of experience in a similar environment around substations.	VET Tertiary An electrical license HV operator qualification	Transferable across sectors mining, oil, energy and construction. High demand.
HSQE officer/manager Responsible for ensuring the health and safety of workers, quality of construction work and ensuring least harm/impact to the environment.	VET	Transferable across sectors mining, oil, energy and construction. Low to medium demand.
Leading Hand A supervisor who focuses on details of specific tasks and team to ensure work completion delivery	VET	Transferable across sectors mining, oil, energy and construction. Medium demand.
Logistics coordinator Generally work on the freighting/supply chain to coordinate how products/machinery etc will be obtained and delivered.	Tertiary	Transferable across sectors mining, oil, energy and construction. Low demand
Maintenance technician – electrical Maintaining of electrical equipment – installation, calibration, repair.	VET	Transferable across sectors mining, oil, energy and construction. High Demand
Maintenance technician – mechanical Maintaining of mechanical equipment -installation, calibration, repair.	VET	Transferable across sectors mining, oil, energy and construction. Medium demand
Material and procurement specialist Facilitate the purchase from suppliers the goods required to build infrastructure. Include researching key suppliers, negotiation of agreements and ensuring that the products meet the needs of existing standards and those of the company.	VET Tertiary	Transferable across sectors mining, oil, energy and construction. High Demand.

JOB DESCRIPTION	QUALIFICATIONS	SKILLS & DEMAND
Operation and Maintenance manager Responsible for ensuring that the operations of the facility run smoothly. Develop and implement maintenance policies and schedules, procedures and the coordination of staff.	VET Tertiary	Medium to high demand.
Project manager Responsible for planning and overseeing projects within an organisation for the project lifecycle.	VET Tertiary	Transferable across sectors mining, oil, energy and construction. Medium demand
Quality manager Develops relationships with customers and suppliers and other cross functional teams to resolve issues on quality and develop strategic quality improvement activities.	Tertiary	Transferable across sectors mining, oil, energy and construction. High demand.
Site administrator Important role that can vary across industries, however generally manage the office, manage enquiries, oversee inventory, and supervise the administration team.	VET	Transferable across sectors mining, oil, energy and construction. Medium demand.
Site safety manager Helps ensure that safety of all workers on a site are taking proper safety precautions, implementing safety plans and conducts workplace inspections. Contributes to the overall personal health and wellbeing of the team.	VET	Transferable across sectors mining, oil, energy and construction. Medium demand.
Structural engineer Design physical elements that allow a building or infrastructure to exist and are designed in to meet the requirements of Government and approval authorities.	Tertiary	Transferable across sectors mining, oil, energy and construction. High Demand.
Surveyor Guides construction and development projects. Determines and plans and positions specificity around land, features, coastlines, marine floors and underground works.	VET Tertiary	Transferable across sectors mining, oil, energy and construction. Low demand.
Talent acquisition specialist	Tertiary	Transferable across sectors mining, oil, energy and construction. Medium demand.
Technical support engineer and /or specialist Provides technical support and maintenance to the business – troubleshooting, repair and maintenance of systems and services.	VET Tertiary	Transferable across sectors mining, oil, energy and construction. Medium demand.
Trade assistant Provides support and assistance to varying trades that are utilised on site.	VET	Transferable across sectors mining, oil, energy and construction. Medium demand.