



RENEWABLE ENERGY

CAPABILITY STATEMENT



**POWERING FUTURES,
CREATING LEGACIES.**



 **BMD**

 **BMD**

Bisley

FOR MORE THAN 45 YEARS, BMD HAS DELIVERED SOME OF AUSTRALIA'S MOST COMPLEX AND TRANSFORMATIONAL PROJECTS ACROSS SECTORS INCLUDING ENERGY, WATER, RESOURCES, DEFENCE AND TRANSPORT.

As a leading integrated engineering, construction and urban development business, BMD is highly experienced in collaborative contracting and bringing together specialist teams to solve complex challenges.

Our ability to self-perform works, activate local workforces and extensive experience delivering diverse projects in rural and remote regions, ensures we consistently exceed project expectations.

We recognise the importance of building strong relationships with local subcontractor and suppliers, landowners, and the community to enhance project delivery and create a positive legacy.

As a 100% Australian family-owned and values-based company, our people bring a culture of collaboration, integrity and care that sets us apart.

BMD understands the priority placed on the energy transition by the Australian Government and the benefits it will garner including energy security, economic opportunities, and dynamic social and public health improvements. We recognise that transitioning to cleaner and more sustainable energy sources is a critical priority and has cascading impacts on the communities in which we operate.

Our teams consistently strive to safeguard and improve the environments in which we operate. We are focused on reducing carbon emissions, improving waste and circular economy processes and protecting biodiversity. At BMD, we are committed to achieving positive outcomes, powering futures and creating legacies for our clients, partners and communities.

OUR DIFFERENCE

**WE'RE DELIVERING COLLABORATIVE
INFRASTRUCTURE SOLUTIONS
THAT CONNECT AND TRANSFORM
COMMUNITIES.**





PRIORITISING SAFETY CULTURE THROUGH HSEQ EXCELLENCE AND FOCUS ON DIVERSITY AND INCLUSION



PROVIDING EXTENSIVE EXPERIENCE IN COLLABORATIVE PROCUREMENT AND CONTRACTING



BRINGING TOGETHER TEAMS OF SPECIALISED PARTNERS AND SUPPLIERS TO RESOLVE COMPLEX CHALLENGES



PROVIDING SELF-PERFORMING WORKS TO INCREASE CONTROL AND CERTAINTY THROUGH A DIRECT WORKFORCE



MANAGING REMOTE CAMP ESTABLISHMENT AND WORKFORCE REQUIREMENTS



INTEGRATING OUR GROWING INTERNATIONAL EXPERIENCE AND SPECIALIST CAPABILITIES



NATIONAL WORKFORCE OF OVER 2300 EMPLOYEES AND ABILITY TO QUICKLY MOBILISE LARGE DIRECT WORKFORCES THROUGH OUR HIGHLY CONNECTED NETWORK OF METRO AND REGIONAL OFFICES



LEVERAGING KEY SUPPLIER PARTNERSHIPS AND OVER 6000 SUBCONTRACTORS TO PROVIDE SUPPLY CHAIN SECURITY



PROVIDING HIGHLY EXPERIENCED ENVIRONMENT, SUSTAINABILITY AND COMMUNITY ENGAGEMENT SPECIALISTS



WORKING IN LIVE OPERATIONAL AND SECURE FACILITIES AND GEOGRAPHICALLY CHALLENGING ENVIRONMENTS



DELIVERING 'IS RATED' PROJECTS AND PIONEERING COLLABORATIVE 'INDUSTRY-FIRST' CARBON REDUCTION TRIALS



EMBEDDING OUR COMMITMENT TO COMMUNITY THROUGH LOCAL CONTENT, ABORIGINAL AND TORRES STRAIT ISLANDER PARTICIPATION, INDUSTRY CAPACITY BUILDING AND EMPLOYMENT OF VETERANS AND OTHER SOCIALLY DISADVANTAGED GROUPS



MAINTAINING OFFICE OF THE FEDERAL SAFETY COMMISSIONER CERTIFICATION AND ISO CERTIFICATION FOR HSEQ MANAGEMENT SYSTEMS

OUR EXPERTISE

ENERGY



Our team is highly experienced in the design, construction and project management delivery of infrastructure for the renewable energy sector.

We meet the requests and scope of works of our clients by self-performing works, acting as managing contractor or building trusted joint venture partnerships. We ensure that all subcontractors engaged on our projects possess proven on-the-job knowledge, safety performance and execution excellence.



22 KV ELECTRICAL FEEDER

| Power and Water Corporation | Howard Springs, NT

BMD was engaged to supply, deliver, install and commission the 22 kilovolt electrical feeder from McMinn Zone substation to the Inpex Workers Camp Intake Station. Work included 10.5 kilometres of underground trenching, 60 kilometres of conduits and the installation of 33 kilometres of cabling and 33 joints/terminations.



SA POWER NETWORKS CAPITAL WORKS PROGRAM

| SA Power Networks | Adelaide, SA

BMD secured a negotiated works package to undertake a series of substation projects, forming part of SA Power Networks overall city west project, aimed at increasing capacity and improving the security of South Australia's electricity supplies.



OUR EXPERTISE

WIND POWER

BMD can provide design and delivery of full Balance of Plant with an electrical partner, or Civil Balance of Plant as required by our clients. Our experience extends across both delivery models. We deliver the civil infrastructure required to build wind farms, expertly undertaking works including road and drainage networks, hardstands, crane pads, turbine foundations and cable trenches. Through a collaborative approach to contracting, we build partnerships in a shared commitment to delivering projects to exceed client expectations.



CLARKE CREEK WIND FARM STAGE 1

Squadron Energy | Clarke Creek, Queensland | \$40 million

BMD delivered the Balance of Plant civil for the northern section of the 450 megawatts Clarke Creek Wind Farm Stage 1, located 150 kilometres north-west of Rockhampton.

This included the excavation and detailed level preparation of 23 wind turbine foundations and associated hardstands, construction of 24 kilometres of access roads including clearing and pioneering across mountain ridges, and the installation of roadside drainage and swales.

BMD's experienced crews completed approximately 450,000m³ of cut to fill bulk earthworks, approximately 150,000m³ of drilling and blasting rock excavations, and operated on site rock crushing facilities to produce bulk fill and pavement materials.

When energised, Clarke Creek Wind Farm Stage 1 will produce enough electricity to power around 330,000 Queensland homes and avoid 738,000 tonnes of carbon emissions each year.



“One of the key strengths of BMD lies in their collaborative, open and honest approach on site. Their willingness to engage with all stakeholders, including our team and other contractors, has fostered a positive and productive work environment. BMD’s dedication to safety has been exemplary, ensuring an outstanding safety record throughout the project’s execution. Their commitment to maintaining the highest quality standards has also been evident in all aspects of their work.”

*Chief Business Development Officer,
Global Power Generation (GPG)*



CROOKWELL 2 WIND FARM

Global Power Generations Australia | Crookwell, NSW | \$42.8 million

Delivered under a full Balance of Plant contract as part of a joint venture with Consolidated Power Projects Australia (CPP), BMD was responsible for the civil works component, designing and constructing 23 kilometres of gravel access tracks, longitudinal swale and culvert cross drainage, 28 wind turbine concrete foundations, 28 crane hardstands and equipment laydown areas, and rehabilitated 5 kilometres of local roads including pavement stabilisation to allow safe access to the wind farm.



HAWKESDALE WIND FARM

Global Power Generation (GPG), Naturgy Group | Warrong, VIC | \$60 million

BMD delivered all Balance of Plant elements for the Hawkesdale Wind Farm, inclusive of civil, electrical and building scopes, which includes the construction of 23 wind turbine foundations, access roads and hardstand areas, electrical cable installation for the turbines and construction of the operation and maintenance compound and 33 kilovolts substation.

OUR EXPERTISE

SOLAR POWER

BMD's capability extends to the engineering, procurement, and construction (EPC) of large scale solar and storage projects within the Australian market. Our solar power solutions offer clients the versatility of utilising the entire EPC offering, opting for a construct only option, or choosing a hybrid solution that best suits both client and project needs.



LAKELAND SOLAR AND STORAGE PLANT

| Conergy | Lakeland, QLD

Located approximately three hours north-west of Cairns in Far North Queensland, BMD completed civil, mechanical and structural works related to the construction of the Lakeland Solar and Storage Plant. The project consists of a 13MWp solar array (featuring 41,440 solar panels), 1.4MW/5.34MWh of lithium-ion battery storage, and a smart system controller that when combined, creates a consistent power supply.



DALY RIVER SOLAR FARM

| Power and Water Corporation | Daly River, NT

BMD was contracted for the EPC of a one-megawatt solar facility near the remote Indigenous community of Nauiyu, in joint venture with Conergy. BMD successfully designed and installed unique micro-pile foundations, never previously used on structural solar support systems before this project.



OUR EXPERTISE

DELIVERING IN REMOTE AND REGIONAL ENVIRONMENTS



With extensive experience in delivering successful projects in remote and regional areas, BMD continues to prove its expertise in the field. From building bridges in the remote Kimberley region to laying pipeline through regional North Queensland, our teams have a clear track record of skilfully managed project execution and delivery.

BMD understands the specific challenges of working in remote and regional communities, from attracting and retaining skilled workers; procurement and related logistical issues; delivery of plant and material; managing personnel accommodation camps and rostering logistics; to inclement weather.

Through a relationship-based approach, we remain committed to supporting regional and rural economies by sourcing services and materials locally and upskilling local workers, leaving an enduring legacy of skills training and employment.





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“BMD has done an outstanding job in delivering the Bow River Bridge in the Kimberley Region. They have done so while making valuable contributions towards Aboriginal engagement in the local community, and facing difficult challenges. BMD has displayed professionalism and a commitment to ensure a safe workplace. Overall, the project has demonstrated the strong competition that BMD are bringing to the bridge works and earthworks industry.”

*Project Manager,
Main Roads Western Australia*



THE POWER OF BMD

BMD's vast experience across industry sectors, further bolsters our ability to deliver complex infrastructure projects that help shape the future of renewable energy in Australia. In a sector that is both complex and multifaceted, BMD remains focused on working collaboratively with clients, governments and our local communities to achieve a sustainable and future.

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| ENERGY TRANSITION SECTOR | Hydrogen |
| BMD RELATED CAPABILITY | Water treatment plants |



WESTERN TREATMENT PLANT

| Melbourne Water | VIC | \$265 million

- construction of five bioreactor-clarifier tanks
- delivery of waste activated sludge and effluent discharge pipeline connections along with ancillary buildings, pump stations and commissioning services
- project addresses historical and future growth, renews aging equipment and improves overall plant efficiency.

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| ENERGY TRANSITION SECTOR | Energy storage - pumped hydro |
| BMD RELATED CAPABILITY | Dams |



WAWA BULK WATER SUPPLY - TAYABASAN WEIR 2

| WawaJVCo, Inc. | Philippines | PHP 1.2 billion

- concrete weir construction to create a 590,339m³ water reservoir
- installation of pumping station and 700 metre long conveyance pipeline to new Calawis Water Treatment Plant.

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| ENERGY TRANSITION SECTOR | Hydrogen |
| BMD RELATED CAPABILITY | Pipelines |



FITZROY TO GLADSTONE PIPELINE

(being delivered as part of a joint venture with McConnell Dowell)

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| Gladstone Area Water Board/ Queensland Government | QLD | \$983 million |
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- comprising an approximately 117-kilometre pipeline, a water treatment plant, reservoirs and pumping stations, the pipeline will also support the emerging hydrogen industry in the Gladstone region in Queensland.
- pipeline will have the capacity to transport 30 gigitalitres of water per year

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| ENERGY TRANSITION SECTOR | Transmission |
| BMD RELATED CAPABILITY | Roads, civil works, piling |



NEWELL HIGHWAY PROGRAM ALLIANCE

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| Roads and Maritime Services | NSW |
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- major haulage route from New South Wales border to Queensland border
- delivered 38 new overtaking lanes, totalling 60 kilometres of road
- regional location saw project overcome unique logistics, resourcing and supply challenges.

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| ENERGY TRANSITION SECTOR | Hydrogen |
| BMD RELATED CAPABILITY | Ports |



VICTORIA INTERNATIONAL CONTAINER TERMINAL

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| Victoria International Container Terminal Ltd | VIC | In excess of \$200 million |
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- reconfiguration and redevelopment of Webb Dock East, returning it to its original role as an international container handling facility
- at completion, the facility was one of the most technologically advanced, environmentally sustainable and safest container terminals in the world, capable of handling at least one million shipping containers per annum
- scope included earthworks, construction of pavements, wharf works, rail works and electrical works.

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| ENERGY TRANSITION SECTOR | Mining, critical minerals and resources |
| BMD RELATED CAPABILITY | Bulk civil works |



NEW PARALLEL RUNWAY PHASE 2 AIRFIELD WORKS

(As the SkyWay Joint Venture)

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| Brisbane Airport Corporation | QLD | \$430 million |
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- a 3.3 kilometre long, 60 metre wide main runway, a 12 kilometre taxiway system, and airfield infrastructure
- bulk earthworks included 4,800,000m³ of sand relocated across the site
- 556,000m² of flood compaction as part of sand subgrade preparation.



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