



# Waddi Wind Farm - Balance of Plant

**CLIENT:**  
Tilt Renewables

**LOCATION:**  
Dandaragan, Western Australia

**CONTRACT:**  
Design & Construct

**CONTRACT VALUE:**  
\$92.3M + \$2.8M (Early Works)

**PROJECT DURATION:**  
February 2026 – September 2027

## PROJECT DESCRIPTION

Waddi Wind Farm is a renewable energy project currently under construction, located 15km north-west of Dandaragan in Western Australia. The project comprises a wind farm with an indicative capacity of 108 MW, utilising up to 18 wind turbines with tip heights of up to 220 metres. This renewable energy facility will contribute significant clean energy generation capacity to the Western Australian grid.

In a Joint Venture, Decmil and RJE Global were awarded the contract to deliver the Civil and Electrical Balance of Plant (BoP) for construction of Waddi Wind Farm.

## EARLY WORKS (VALUE: \$2.8M | DURATION: JAN 2023 – OCT 2023)

The early works phase established the foundation for successful project delivery through comprehensive planning, site assessment, and design development. All health, safety, environment and quality project plans were developed, with detailed site investigations and surveys conducted to inform the design process.

The scope encompassed civil design through the 30% and 50% design stages, alongside the complete electrical infrastructure design including the 132kV transmission line, collector system, protection engineering, substation, and transportable switch room.

Wind power connection interfacing was managed and all secondary consent plans required for project approvals were prepared. The early works phase included design of the operations and maintenance facility and both permanent and temporary calibration meteorological masts.



## Project Data Sheet

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### CIVIL BALANCE OF PLANT WORKS

(DECMIL CONTRACT VALUE: \$51M)

Decmil's civil balance of plant (BoP) construction works for this wind farm project encompasses the complete development of site infrastructure and support systems required for wind farm operations.

Decmil's scope of works includes:

- **Site establishment and preparation** – including road upgrades, construction compounds, and temporary facilities
- **Wind turbine generator foundations** – all foundation works
- **Electrical and communications infrastructure** – complete electrical system, communications network, and SCADA control system
- **Access infrastructure** – access tracks, hardstand areas, lay-down zones, and site access points
- **Operations and maintenance facility** – building shell and associated infrastructure
- **Meteorological equipment** – design, supply and installation of permanent and temporary met masts, and decommissioning of existing development equipment
- **Supporting infrastructure** – security fencing, water supply, firefighting equipment, site drainage, storage facilities, hazardous materials handling, and pipeline crossing management
- **Site remediation** – restoration of all areas disturbed or impacted by construction activities.



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