

Ryan Corner Wind Farm

Weekly Construction Report December 05, 2022

General:

Internal access tracks are progressing across several work fronts on the site. Work is ongoing on a number of wind turbine foundations. The internal collector substation earthworks have commenced. The number of workers and plant and machinery on site continues to increase as new work areas open up.



Spine Road and Access Tracks:

There are approx. 40km of internal access tracks within the wind farm to provide access to all of the wind turbine locations. The Spine Road is the main access track that provides access from the East to the West. The Spine Road is now trafficable from East to West. Work is progressing on multiple work fronts on other access track.

Substation:

Access has been provided to the sub-contractors working on the Ryan Corner Collector Substation. They have commenced site mobilisation and earthworks on the bench. The substation will connect all the wind turbines to the overhead transmission line that will connect with the main grid at Tarrone Terminal Station.

Steps to build the foundations:

- Geotechnical investigation and design
- Survey, weed control, fencing and environmental controls
- Excavate to underside of foundation and complete geotechnical inspection
- Install electrical conduits under foundation and pour blinding concrete
- Install anchor cage bolts, formworks and steel reinforcement and
- Complete electrical earthing installation of electrical conduits
- Pour Concrete
- Cure concrete and strip formwork
- Backfill

