

Wind Turbine Services

Leading Edge Protection (LEP) Repairs

Objective

To return both turbines to full operational service prior to winter by identifying and repairing critical blade damage, ensuring safe and reliable generation during the high-wind season.

Our Solution

Aurora delivered a controlled inspection and repair programme:

- Assessment of High-Severity Defects Investigated and confirmed status of potential Category 4 & 5 damage areas, applying appropriate corrective actions.
- Damage Verification via Aerial Inspection Drone inspection used to assess damage and confirm work scope.
- Leading Edge Reconstruction Completed LE erosion repairs to restore aerodynamic surface and protect against further degradation.

At a Glance

Challenges


- No significant challenges were encountered. The project was executed smoothly, on schedule, and to planned methodology.

Value to client

- Delivered efficient and professional LE restoration, ensuring durability through winter conditions.
- Prevented further structural deterioration, protecting asset uptime and productivity.
- Delivered the work before seasonal weather impact, ensuring turbines were reinstated swiftly and safely.



Contact Us

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