



BLADE MAINTENANCE

UpWind's preventative maintenance and inspections leads to a significantly longer blade life. We recommend annual inspections, minor repairs, touch-ups and maintenance of the integrity of bond lines to keep turbines running longer and more efficiently.

Blade maintenance is scheduled during off-peak seasons to minimize turbine downtime, and includes the following services:

- **Continuity Measurements**
Lightning protection system is inspected and continuity measured and recorded.
- **Blade Balancing**
Balance blade set to meet original specified tolerances.
- **Dynamic Balancing**
Balance rotor set up-tower using vibration analysis and adding specified weight to correct rotor imbalance.
- **Non-Destructive Testing**
Includes thermography or ultrasound testing to find de-lamination or other potential structural damage.
- **Protective Applications**
Leading edge protection (paint or tape) to prevent erosion as well as anti-icing compounds.
- **Blade Cleaning**
Uptower blade washing using environmentally safe materials.

Tower Services

- Composite repairs
- Tower cleaning
- Tower painting
- Tower Inspections
- Bolt Torquing
- Oil Changes
- Fire suppression installations
- Climb assist and lift installs

Contact UpWind Solutions, Inc.

Contact UpWind Solutions, Inc. today for a consultation regarding our blade maintenance.

