The background features a dark, stormy night sky with a bright white lightning bolt striking down on the right side. In the foreground, there is a silhouette of a mountain range with several wind turbines scattered across the landscape.

CASE STUDY

STRIKETAPE IN JAPAN

BACKGROUND

17 Turbines installed
in December, 2015

Blades had lightning
receptors near tip

Severe lightning damage
recorded over 18 months

StrikeTape added to blades
in June, 2017



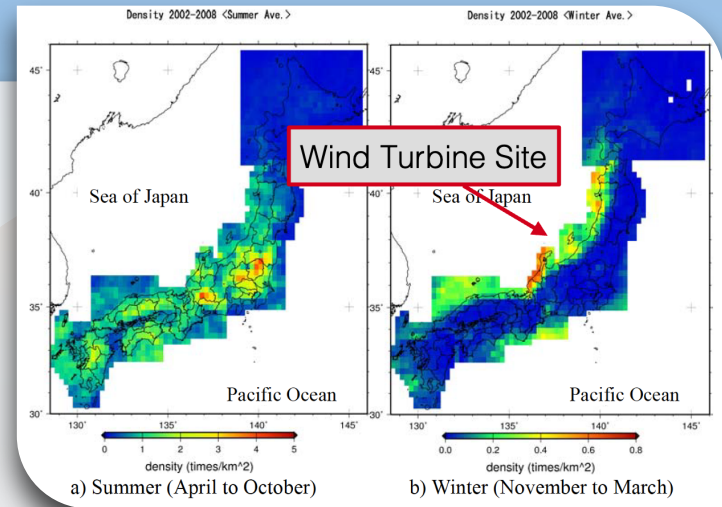
LIGHTNING ENVIRONMENT

SEA OF JAPAN

Sea of Japan coastline experiences frequent lightning strikes

Strong lightning storms in winter

Large positive lightning strikes with 200+ Coulombs of continuing current



BEFORE STRIKETAPE

SEVERE BLADE DAMAGE



Repeated lightning damage
split trailing edges

BEFORE STRIKETAPE

SEVERE BLADE DAMAGE

249

Lightning strikes
to turbines
prior to StrikeTape
installation



12

Blades suffered
severe damage
due to lightning
strikes

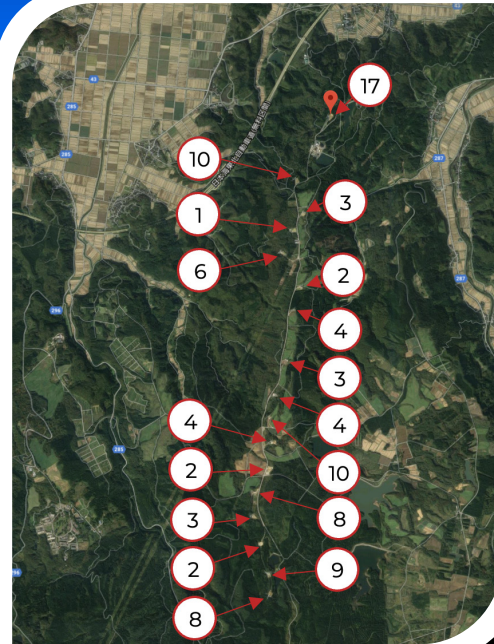


AFTER STRIKETAPE

NO MORE BLADE DAMAGE

96

Lightning strikes to turbines during eight months of monitoring after installation

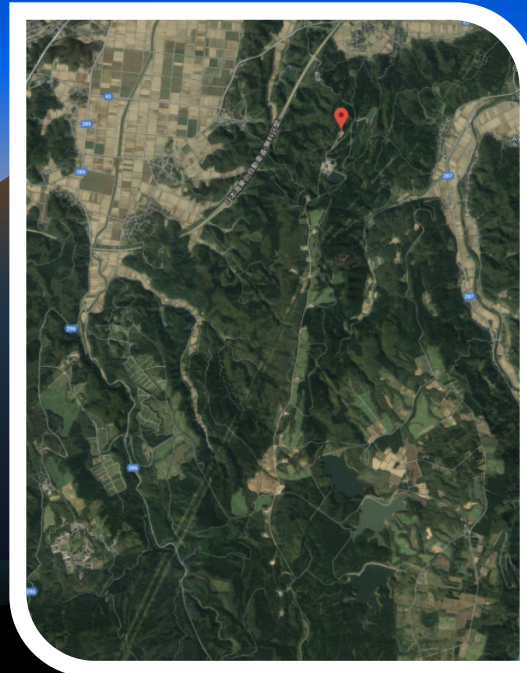


AFTER STRIKETAPE

NO MORE BLADE DAMAGE

0

Blades damaged
by lightning during
eight months of
monitoring after
installation



AFTER STRIKETAPE



Visible signs of long duration lightning strikes on trailing edge

Receptors melted along radius between tip and trailing edge

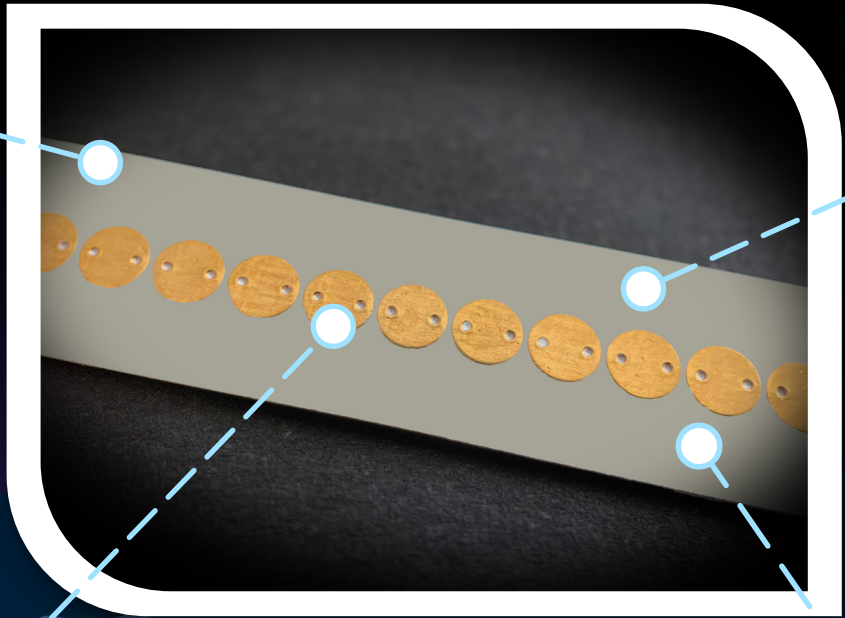
✓ StrikeTape remains intact



STRIKE TAPE FEATURES

Only 1 mm thick

10 mm wide



Gold plated & reinforced

Aerospace-grade substrate

ISO 9001:2015 • AS9100D
CERTIFIED COMPANY
PRI Registrar
PERFORMANCE REVIEW INSTITUTE

INSTALLATION

Installation Takes Only
30 Minutes Per Blade



1. Clean



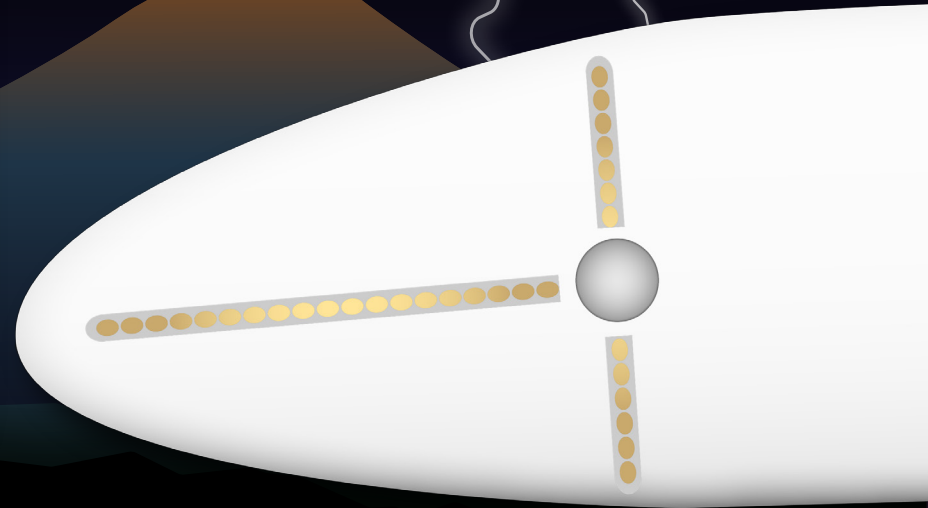
2. Peel & Stick



3. Seal



Relax



BUY NOW



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STRIKE TAPE