

Final Report

Damage at WEC with serial no:	481454 / S-02872-012
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Subject	Blade damage

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1. Data of WEC

Serial no:	481554 / Turbine No. 12
Site address:	Fen Farm Wind Park; Fen Lane, Conisholme; Lincs, LN11 7LU
Customer:	Next Generation Ltd.
Type of WEC:	E-48
Type of control:	CS48a
Energy yield:	1,823,340kWh
Operating hours:	6,863h
Time of damage:	2009-01-04 / 06:26:07
Status signal:	73:02 / Torque Monitoring : Peak Load Vibration sensor trip, turbine shutdown, automatically and sent SCADA warning message to service control – service crew despatched immediately to site and on arrival found one blade had detached from turbine and had fallen to the ground and one other blade had a damaged tip but still attached to turbine.