<table>
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<tr>
<th>Accident type</th>
<th>Date</th>
<th>Site/area</th>
<th>State/Country</th>
<th>Turbine type</th>
<th>Details</th>
<th>Info source</th>
<th>Web reference/link</th>
<th>Alternate web reference/link</th>
</tr>
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<tbody>
<tr>
<td>Fatal</td>
<td>30/12/1981</td>
<td>Boulevard, CA</td>
<td>USA</td>
<td>40kw</td>
<td>Terry Mehrkam, atop nacelle, run-away rotor, no lanyard, fell from tower.</td>
<td>Wind Energy -- The Breath of Life or the Kiss of Death: Contemporary Wind Mortality Rates, by Paul Gipe</td>
<td><a href="http://www.wind-works.org/articles/BreathLife.html">http://www.wind-works.org/articles/BreathLife.html</a></td>
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<tr>
<td>Structural failure</td>
<td>1981</td>
<td>Denmark</td>
<td>Denmark</td>
<td></td>
<td>250 Turbines exposed to wind speeds of 35 m/s for 10 min resulted in 9 failures and 30% damaged</td>
<td>Safety of Wind Systems, M Ragheb, 31/12/2009</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fatal</td>
<td>1982</td>
<td>Bushland, TX</td>
<td>USA</td>
<td>40kw</td>
<td>Pat Acker, 28, rebar cage for foundation came in contact with overhead power lines, electrocuted.</td>
<td>Wind Energy -- The Breath of Life or the Kiss of Death: Contemporary Wind Mortality Rates, by Paul Gipe</td>
<td><a href="http://www.wind-works.org/articles/BreathLife.html">http://www.wind-works.org/articles/BreathLife.html</a></td>
<td></td>
</tr>
<tr>
<td>Fatal</td>
<td>1983</td>
<td>Palm Springs, CA</td>
<td>USA</td>
<td>950kw</td>
<td>Eric Wright on experimental VAWT - tower collapsed while he was on it.</td>
<td>Wind Energy -- The Breath of Life or the Kiss of Death: Contemporary Wind Mortality Rates, by Paul Gipe</td>
<td><a href="http://www.wind-works.org/articles/BreathLife.html">http://www.wind-works.org/articles/BreathLife.html</a></td>
<td></td>
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<tr>
<td>Fatal</td>
<td>1984</td>
<td>Palm Springs, CA</td>
<td>USA</td>
<td>60kw</td>
<td>Art Cieresz, servicing Lynergy crane</td>
<td>Wind Energy -- The Breath of Life of the Kiss of Death: Contemporary Wind Mortality Rates, by Paul Gipe</td>
<td><a href="http://www.wind-works.org/articles/BreathLife.html">http://www.wind-works.org/articles/BreathLife.html</a></td>
<td></td>
</tr>
<tr>
<td>Fatal</td>
<td>1984</td>
<td>Iowa</td>
<td>USA</td>
<td>Jacobs 10kw</td>
<td>Ugene Stallhut, ground crew, driving tractor as tow vehicle, tractor flipped over crushing him.</td>
<td>Wind Energy -- The Breath of Life of the Kiss of Death: Contemporary Wind Mortality Rates, by Paul Gipe</td>
<td><a href="http://www.wind-works.org/articles/BreathLife.html">http://www.wind-works.org/articles/BreathLife.html</a></td>
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<tr>
<td>Fatal</td>
<td>1989</td>
<td>Palm Springs, CA</td>
<td>USA</td>
<td>65kw</td>
<td>John Donnelly, atop nacelle, servicing Nordtank nacelle, no brake, lanyard caught on main shaft protrusion, death attributed to &quot;multiple amputations&quot; as he was dragged into the machinery.</td>
<td>Wind Energy -- The Breath of Life of the Kiss of Death: Contemporary Wind Mortality Rates, by Paul Gipe</td>
<td><a href="http://www.wind-works.org/articles/BreathLife.html">http://www.wind-works.org/articles/BreathLife.html</a></td>
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<tr>
<td>Fatal</td>
<td>1990</td>
<td>Island of Lolland</td>
<td>Denmark</td>
<td>400kw</td>
<td>Leif Thomsen, &amp; Kay Vadstrup, both killed servicing rotor, no locking pin on rotor, brake released accidentally, rotor began moving catching man basket &amp; knocking it to the ground, third man dinged to tower until rescued.</td>
<td>Wind Energy -- The Breath of Life of the Kiss of Death: Contemporary Wind Mortality Rates, by Paul Gipe</td>
<td><a href="http://www.wind-works.org/articles/BreathLife.html">http://www.wind-works.org/articles/BreathLife.html</a></td>
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<tr>
<td>Fatal</td>
<td>1991</td>
<td>Australia</td>
<td>Farm windmill</td>
<td></td>
<td>A 16 year old boy died of asphyxiation in a windmill accident on his family's farm. Apparently he climbed the windmill to retrieve a broken coupling, and in doing so he was caught by the rotating shaft, and strangled by his own clothing. His mother found him with his arms above his head and his clothing twisted up around his neck. His skinny was twisted very tightly around the windmill shaft. His mother desperately tried to untangle him, or to lift him, but she was unable to do so. Despite her frantic efforts, she was aware that her son was already dead when she found him. The 1991 date is uncertain but hinted at by a pro-wind group.</td>
<td>Windmills sourced material by Farmsafe - a compilation of material sourced from range of websites (as identified within this document) Farmsafe WA Alliance 31/5/04 following an enquiry concerning sending workers out to maintain windmills.</td>
<td><a href="http://www.farmsafewa.org/downloads/Windmills%20Sourced%20Material%20by%20Farmsafe.pdf">http://www.farmsafewa.org/downloads/Windmills%20Sourced%20Material%20by%20Farmsafe.pdf</a></td>
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<tr>
<td>No.</td>
<td>Type</td>
<td>Year</td>
<td>Location</td>
<td>Details</td>
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<tr>
<td>15</td>
<td>Fatal</td>
<td>1991</td>
<td>Australia</td>
<td>A farmer died after falling from a windmill while attempting to repair its tail section. The top of the windmill was approximately seven metres from the ground and the tail section of the windmill was broken and hanging down. The fan portion was not turning and several blades on the fan were missing. There was a steel ladder, constructed on one side of the windmill, which extended from the ground to the platform (five metres above the ground). Farm Related Fatalities in Australia, 1989-1992. Australian Centre for Agricultural Health and Safety and Rural Industries Research and Development Corporation. ISBN 1 87649196 5</td>
<td></td>
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<tr>
<td>16</td>
<td>Fatal</td>
<td>1992</td>
<td>Palm Springs, CA USA</td>
<td>Richard Zawlocki, descending tower without lanyard, without fall restraint system in place, lanyard found holding nacelle cover open, found at base of tower, fell to death. Wind Energy -- The Breath of Life or the Kiss of Death: Contemporary Wind Mortality Rates, by Paul Gipe</td>
<td></td>
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</tr>
<tr>
<td>18</td>
<td>Environmental</td>
<td>1992</td>
<td>Tehachapi Pass, California USA</td>
<td>Accelerated, human-induced erosion caused by rain runoff from service roads and wind turbine pads in the Tehachapi Pass, CA. The site is now owned by Florida Power &amp; Light and the eggbeater or Darrieus turbines have since been removed and several erosion control practices instituted. While these practices have reduced erosion in the gullies shown, new gullies have formed elsewhere along the ridge, hence erosion continues. &quot;Erosion Gullies in the Tehachapi Pass: An Example of Improper Wind Development&quot; - article by Paul Gipe with photos. Originally written in 1996, the article has recently (2005) been brought up to date, saying that essentially nothing has changed since then</td>
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<tr>
<td>19</td>
<td>Human injury</td>
<td>Mar-92</td>
<td>California USA</td>
<td>Fayette turbine</td>
<td>Case Brenda Behrens (Plaintiff) vs Fayette Manufacturing Company Inc (defendants). C009749, Court of appeal, Third District, CA, March 31st 1992. Plaintiff worked for Fayette as a turbine technician. As part of her job she inspected, maintained, and performed repairs on wind turbines, windmills [4 Cal.App.4th 1570] used to generate electricity. She was injured on the job when she got her hand caught between the yaw pinion and the yaw gear of the wind turbine. At the time of the accident she was in the process of attempting to lock-off a wind turbine so it could be repaired. She climbed the tower of the wind turbine and entered the work cage; seeing the yaw motor pivoting towards her and fearing it would strike her legs, she swung her legs out of the way and pushed off with her right hand. In so doing, her hand was caught in the yaw gear. The turbine had broken its mooring bolts. Case Brenda Behrens (Plaintiff) vs Fayette Manufacturing Company Inc (defendants). C009749, Court of appeal. Third District, CA, March 31st 1992. Behrens v. Fayette Manufacturing Co., 7 Cal.Rptr.2d 264, 4 Cal.App.4th 1567 (Cal. App. 3 Dist., 1992)</td>
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<tr>
<td>20</td>
<td>Fatal</td>
<td>1993</td>
<td>Illinois, IL USA</td>
<td>Robert Skarski, erecting small wind turbine, tower collapsed with Skarski strapped to it, fell to death. Wind Energy -- The Breath of Life or the Kiss of Death: Contemporary Wind Mortality Rates, by Paul Gipe</td>
<td></td>
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<tr>
<td>21</td>
<td>Fire</td>
<td>02/07/1993</td>
<td>Antelope Valley, CA USA</td>
<td>Antelope Valley. An overheated wind turbine triggered a fire Thursday that burned 220 acres of brush northeast of Cameron Road and Tehachapi-Willow Springs Road, firefighters said. Kern County firefighters from Tehachapi, Keene, and Edison and U.S. Bureau of Land Management firefighters responded to the 9:45 a.m. fire, and gained control of it about four hours later. About 45 firefighters, two helicopters and two bulldozers fought the blaze, Capt. Mike Cody said. Published on July 2, 1993, Daily News of Los Angeles (CA)</td>
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25 Human injury 15/03/1994 Mojave, CA USA One of the turbines on Kirby Moor failed in spectacular fashion following a lightning strike, the blades disintegrated hurling debris across the moor. Tattered ... cone was also blown off by the lightning strike. Commissioned in 1994, the accident must have happened sometime later. "Accidents", D Krämer, BLS, Dec. 2000

26 Miscellaneous 01/06/1994 Bonus 300kw "Birds nest caused major failure". Date is of magazine publication Windpower Monthly June 1994

27 Blade failure Not known. 1994 or after Kirby Moor, Cumbria, England UK Vestas 400kW One of the turbines on Kirby Moor failed in spectacular fashion following a lightning strike, the blades disintegrated hurling debris across the moor. Talled ... remains of the glass fibre coating are all that remained on the blade tips. The nose cone was also blown off by the lightning strike. Commisioned in 1994, the accident must have happened sometime later. MAiWEU web site with photos http://www.windfarm.fsnet.co.uk/gallery.htm

28 Structural failure 01/04/1995 Canada Two of the 30 metre structures have toppled, following metallurgical failures which are still under investigation. They appear attributable to poor quality control by Adecon in the manufacturing and installation process. Windpower Monthly Magazine, 01 April 1995


30 Lightning 1995. Actual date not known Myndidd-y-Cemmaes, Powys, Wales UK WEG 330kw Turbine fire. It took firemen 2 and a half hours to control the blaze. No mains water supply so bowsers were used. Local MP Lembrit O’pik later called for an independent inquiry over the safety of turbines at Cemmaes, and was ‘critical of the way the windfarm’s owners Wind Energy Group had handled the situation”. Cambian News, 8 Jan 1998


32 Blade failure 01/12/1995 Greece 14 Windmaster 330kw "No reports found in blades". Date is of magazine publication Windpower Monthly December 1995


34 Lightning 1996 Germany The German electric power company Energieezeugungswerke Helgoland GmbH shut down and dismantled their Helgoland Island wind power plant after being denied insurance against further lightning losses. They had been in operation three years and suffered in excess of 800,000 German Marks damage. National Lightning Safety Institute by Richard Kithil, president & CEO in September 2007. http://www.lightningsafety.com/nlsi_lhm/wind1.html


36 Fatal 1996 USA US, boat operator decapitated by small machine, unconfirmed Wind Energy -- The Breath of Life or the Kiss of Death: Contemporary Wind Mortality Rates, by Paul Gipe http://www.wind-works.org/articles/BreathLife-fe.html


<table>
<thead>
<tr>
<th>No.</th>
<th>Event</th>
<th>Date</th>
<th>Location</th>
<th>Country</th>
<th>Description</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>41</td>
<td>Ice throw</td>
<td>28/10/1996</td>
<td>Krummendeich, Niedersachsen</td>
<td>Germany</td>
<td>In winter the rotors sing ice lumps through the air – we were cheated&quot;. Date is of newspaper</td>
<td>Interview regarding turbine planning permission, East Friesland newspaper 29/10/96. Also &quot;Accidents&quot;, D Krämer, BLS, Dec. 2000</td>
</tr>
<tr>
<td>43</td>
<td>Ice throw</td>
<td>08/11/1996</td>
<td>Vardum/Buttforde, Kreis Wittmund/ Niedersachsen</td>
<td>Germany</td>
<td>Kg weight ice lumps landing in the street. Date is of newspaper</td>
<td>Interview with Vardum's Mayor, East Friesland newspaper 8/11/96. Also &quot;Accidents&quot;, D Krämer, BLS, Dec. 2000</td>
</tr>
<tr>
<td>44</td>
<td>Lightning</td>
<td>1996-1997</td>
<td>Fort Davis, Texas USA</td>
<td>USA</td>
<td>Damage Events for Fort Davis, TX; Seaborg VTT, Algonia IA; Springview NE; giving information on a number of lightning damage events for example for Ft Davis had 12 events in 1996/97; and specifying resultant damages</td>
<td>Wind Turbine Lightning Protection Project 1999-2001 McNB B., NREL Report May 2002</td>
</tr>
<tr>
<td>45</td>
<td>Miscellaneous</td>
<td>1997</td>
<td>Bockstigen, Sweden</td>
<td>Sweden</td>
<td>The water current was larger than assumed due to an acceleration of the flow over a ridge and the difficulty to anchor the sea-cable to the sea bed was underestimated.</td>
<td>Offshore Wind Farm Bockstigen – Installation and Operation Experience, Bernhard Lange, Erik Aagaard, Paul-Erik Andersen, Anders Moller, Staffan Niklasson, Andreas Wickman, Wind World of 1997, Sweden.</td>
</tr>
<tr>
<td>46</td>
<td>Fatal</td>
<td>1997</td>
<td>Emsdetten Rodnicke, Autounfall bei Erftstadt, Erft, Westphalia</td>
<td>Germany</td>
<td>First of three public fatalities at the same location put down to driver distraction. Accident spot is where turbines become visible to drivers - on circular road 33 (Kreisstrasse 33)</td>
<td>Interview with Emsdetten Rodnicke. Accident spot is where turbines become visible to drivers - on circular road 33 (Kreisstrasse 33)</td>
</tr>
<tr>
<td>47</td>
<td>Ice throw</td>
<td>10/01/1997</td>
<td>Seebitz-Sellanger, Kreis Hof/Bayern</td>
<td>Germany</td>
<td>Ice documented as thrown up to 85m, weight up to 0.5kg, between 8th and 10th January. Photographs available</td>
<td>Report contact details available. Also Wind Energy -- The Breath of Life or the Kiss of Death: Contemporary Wind Mortality Rates, by Paul Gipe <a href="http://members.aol.com/fswemedien/ZZUnfalle.htm">http://members.aol.com/fswemedien/ZZUnfalle.htm</a></td>
</tr>
<tr>
<td>48</td>
<td>Ice throw</td>
<td>21/01/1997</td>
<td>Stein-Neukirch, Westerwald/Kreis/The land-Platz</td>
<td>Germany</td>
<td>Ice from Lichtenthäler turbine landed on road. Ice pieces “bigger than A4 paper” missed colleague by only 2m, travelled 80m</td>
<td>&quot;Accidents&quot;, D Krämer, BLS, Dec. 2000. Letter from Mayor of Stein-Neukirch dated 22/1/1997</td>
</tr>
<tr>
<td>49</td>
<td>Blade failure</td>
<td>18/02/1997</td>
<td>Island of Nordstrand, Kreis North Frisland/Schleswig-Holstein</td>
<td>Germany</td>
<td>HSW-250 Blade parts flew over 300m across a road. Two of three blades came off.</td>
<td>Interview with Island of Nordstrand Councillor. Blade parts flew over 300m. Also Wind Energy -- The Breath of Life or the Kiss of Death: Contemporary Wind Mortality Rates, by Paul Gipe <a href="http://members.aol.com/fswemedien/ZZUnfalle.htm">http://members.aol.com/fswemedien/ZZUnfalle.htm</a></td>
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<tr>
<td>50</td>
<td>Blade failure</td>
<td>21/02/1997</td>
<td>Westlauf, Westerwald/Hessen</td>
<td>Germany</td>
<td>Enercon Rotor blade blown off. Blade parts found 400m to 500m away. Parts landed in summer house. Date is of newspaper &quot;Accidents&quot;, D Krämer, BLS, Dec. 2000. Eyewitness report – contact details available</td>
<td>Interview with Westlauf's Mayor. Blade parts found 400m to 500m away. Also Wind Energy -- The Breath of Life or the Kiss of Death: Contemporary Wind Mortality Rates, by Paul Gipe <a href="http://members.aol.com/fswemedien/ZZUnfalle.htm">http://members.aol.com/fswemedien/ZZUnfalle.htm</a></td>
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<tr>
<td>51</td>
<td>Fatal</td>
<td>04/04/1997</td>
<td>Kaiser-Wilhelm-Kog, Schleswig-Holstein</td>
<td>Germany</td>
<td>Tacke Large blade part (66%) travelled &gt;250m. Road only 20m away.</td>
<td>Interview with Kaiser-Wilhelm-Kog. Large blade part (66%) travelled &gt;250m. Also Wind Energy -- The Breath of Life or the Kiss of Death: Contemporary Wind Mortality Rates, by Paul Gipe <a href="http://members.aol.com/fswemedien/ZZUnfalle.htm">http://members.aol.com/fswemedien/ZZUnfalle.htm</a></td>
</tr>
<tr>
<td>52</td>
<td>Blade failure</td>
<td>12/04/1997</td>
<td>Großenscheibe Wiandrup, Schleswig- Holstein</td>
<td>Germany</td>
<td>Tacke Large blade part (66%) travelled &gt;50m. Road only 20m away.</td>
<td>Interview with Großenscheibe Wiandrup. Large blade part (66%) travelled &gt;50m. Also Wind Energy -- The Breath of Life or the Kiss of Death: Contemporary Wind Mortality Rates, by Paul Gipe <a href="http://members.aol.com/fswemedien/ZZUnfalle.htm">http://members.aol.com/fswemedien/ZZUnfalle.htm</a></td>
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<tr>
<td>53</td>
<td>Fatal</td>
<td>01/08/1997</td>
<td>Sibley, Iowa USA</td>
<td>USA</td>
<td>Randy Bruce Crumrine, 36, crane operator, tower crane collapsed, crushed to death. August 1997 - actual day not known</td>
<td>Interview with Randy Bruce Crumrine. Randy Bruce Crumrine, 36, crane operator, tower crane collapsed, crushed to death. Also Wind Energy -- The Breath of Life or the Kiss of Death: Contemporary Wind Mortality Rates, by Paul Gipe <a href="http://members.aol.com/fswemedien/ZZUnfalle.htm">http://members.aol.com/fswemedien/ZZUnfalle.htm</a></td>
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<tr>
<td>54</td>
<td>Fatal</td>
<td>06/11/1997</td>
<td>Lemvig, Denmark</td>
<td>Denmark</td>
<td>50kw Van Sorensen, &quot;vestas windsmith, repowering project, removing turbine, removed nacelle fixing bolts prematurely.</td>
<td>Interview with Lemvig's Mayor. 50kw Van Sorensen, &quot;vestas windsmith, repowering project, removing turbine, removed nacelle fixing bolts prematurely. Also Wind Energy -- The Breath of Life or the Kiss of Death: Contemporary Wind Mortality Rates, by Paul Gipe <a href="http://members.aol.com/fswemedien/ZZUnfalle.htm">http://members.aol.com/fswemedien/ZZUnfalle.htm</a></td>
</tr>
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58 Miscellaneous 24/12/1997 Mynydd-y-Cemmaes, Powys, Wales UK WEG 300kw Turbine had its transformer door blown off which left direct access to 660 volt machinery. Turbine remained operational with the door off for at least 3 days. Date confirmed by independent witnesses Cambrian News 8 Jan 1998 http://www.dti.gov.uk/NewReview/nr36/html/blend.html


60 Miscellaneous 25/12/1997 Mynydd-y-Cemmaes, Powys, Wales UK WEG 300kw Serious damage to most of the turbines observed following the storm and fire the previous day. Witnesses reported only 4-5 turbines operating out of 24. One witness finally reported the incident to Fire Brigade, Police and HSE on 29th December. None had been informed by the operators. Private account. Also Cambrian News 8 Jan 1998.


73 Fatal 1999 Ermenger Todlicher Auburtinufet bei Erftstadt, Erft, Westphalia Germany Second of three public fatalities at the same location put down to driver distraction. Accident spot is where turbines become visible to drivers - on circular road 33 (Kreisstraße 33) Kölnner Stadtanzeiger-Erftkreis from 8.3.2003 http://epriweb.com/public/TR-113917.pdf

74 Miscellaneous 1999 Horns Rev Denmark Aamleff Jack (installation vessel) overturned w/He at sea Jack-Up Database
75 Ice throw 05/01/1999 Gebrannten Rücken, Bromskirchen, Frankenberg County, Hessen, Germany Damage to car by ice. Approx. 20 pieces of ice from a turbine 100m away. Accidents”, D Krämer, BLS, Dec. 2000. Eyewitness report – contact details available.


78 Blade failure 05/02/1999 Willich, Kreis Unna, Lower Saxony, Germany AN Bonus, 1MW At least 20 separate blade parts up to 1m recorded – blown to greater than 300m Accidents”, D Krämer, BLS, Dec. 2000.


81 Blade failure 05/02/1999 Lathen, Ems County, Lower Saxony, Germany NEC Micon64, 1.5kW Frozen rotor blade detached from main rotor and disintegrated. Parts flew 100m. Meppeners daily Mail of 4/4/99. Also Gerd Jansen.


85 Blade failure 16/02/1999 Sollbruch, Kreis Emsland, Lower Saxony, Germany Micon 64/1500 1.5MW Im to 8m long blade part flew >200m. More than 10 other pieces up to 1m long were recovered. 32 similar turbines at two sites shut down by manufacturer due to safety reasons. Accidents”, D Krämer, BLS, Dec. 2000. Also newspaper "Meppener Tagespost" 4/3/1999.


88 Structural failure 01/03/1999 Hesse, Germany Enercon E-40 Five Enercon E40 machines in Hesse have failed this year. The nacelles of two machines recently crashed to the ground, both suffering from a failed "kingpin": a cast iron component used to attach the nacelle to the turbine tower. The material of the failed component in each case was sub-standard. Only three more wind turbines could potentially suffer the same fate as two Enercon E40 machines in Hesse that failed earlier this year, according to Enercon’s owner, Atys Woebcken. The nacelles of the two machines crashed to the ground within weeks of one another, both suffering from a failed "kingpin", a cast iron component used to attach the nacelle to the turbine tower. Windpower Monthly Magazine, 01 April 1999.


93 Blade failure 01/05/1999 Germany Tacke TW 600 Lightning damaged wood epoxy blades. Date for magazine publication. "Accidents", D Krämer, BLS, Dec. 2000


96 Structural failure 07/10/1999 Spieka-Neudorf, Gemeinde Nordholz, Landkreis Cuxhaven Germany Wind farm in September 1999. The situation is very close to the case of Miyako, such as loss of grid and speed up due to the topography. Private Communication from Univ of Tokyo


98 Human injury 23/09/1999 Lake Isabella, California, USA 3T was installing a Bergey Excel on an 80-foot (24-meter) guyed lattice tower near Lake Isabella for Buckeye Farms. Cause not determined. Turbine toppled while being erected - on to operator. Operator suffered spinal injuries and is wheelchair bound. Another fell 15 feet and suffered minor injuries. Newspaper "Bakersfield Californian" 23/10/1999. Also Aagaard web page. Web article quotes 19 deaths from working on wind turbines over 25 years

99 Blade failure 07/11/1999 Heath/ Schleswig-Holstein Germany Brake system failure. 25m blades turning normal speed. 60 residents within 500m evacuated between 6th and 7th November 1999. Reuters 7.11.99


112 Blade failure 11/01/2000 Green Mountain Power Wind Power Project, Isaranz, Bennington, VT USA 11 x Zond 550kW turbines, 40m diam, 40m tower AWEA reports that in January 2000, lightning damaged a turbine which could not be repaired until the following April. The EPRI report provides more detail - the date was January 11th and the turbine lost a blade as a result. Also reports of damaged cars - holes in roof.

113 Fire 20/01/2000 Lichtenau Kreis, Paderborn, Westphalia Germany Sudwind S 46/600 kw Lightning strike, followed by fire. Mast then split apart 10m above base. Total loss. Developer's website: http://sudwind.com/

114 Blade failure 21/01/2000 Samso, Aalborg, Jutland Denmark 55 kW Nordtank Complete rotor and housing with blades broken. One of the blade pieces went through a window and landed in a swimming pool at 200 metres distance; another piece was thrown 600 metres. On line report from Dutch website. Reporter details also available. Also “Accidents”, D Krämer, BLS, Dec 2000.


116 Miscellaneous 10/02/2000 Blyth, Northumberland, England UK Wipfil 6 (installation vessel) - Hull Dropped Jack-up Database


118 Structural failure 15/02/2000 Wahe den Hoorn bei Groningen, Holland Lagerwey Tower collapsed during storm. Total loss. All 44 Lagerwey turbines in Holland stopped from 15 February and were still stopped at 8 April 2000. Groninger Dagblad 8.4.2000


120 Miscellaneous 13/03/2000 Greetsjopelster, Niedorp Holland Micon 600kW 19 turbines shut down due to short-circuit. Melting insulation on wiring reported. Date is of newspaper article

121 Human injury 13/03/2000 Rio Vista, CA USA Pilot was flying in an area cluttered with wind turbines and powerlines. He hit a line and plunged 120 feet. Lucky to be alive but should not have been flying in the area in the first place. From US Safety (OSHA) database.

122 Human injury 01/04/2000 Palm Springs, CA USA seawest Windpower Inc Operator suffered severe burns from electrical fault in fuse holder. Hospitalised for 10 days with second and third degree burns. From US Safety (OSHA) database.

123 Structural failure 15/04/2000 Cold Northcott, Cornwall, England UK WEG MS-3 300kw Entire wind power station (22 turbines) closed during April due to metal fatigue. Date simply used as mid-point for the month. Also “Review of MS3 Turbines at Cammazes, Cold Northcott and Langwyffron, Part 3: Structural/mechanical audit”, WS Atkins report L4.104.003/R03
<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Details</th>
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<tbody>
<tr>
<td>02/05/2000</td>
<td>Zirlndorf bei Eisenstadt/Burgenland, Austria</td>
<td>Fire destroyed turbine - cause unknown, suspected lightning strike or mechanical source. Two blazing rotors blades fell to ground. Over 100 firemen watched over night - could do nothing else due to fire height. Total loss. Austrian report on internet <a href="http://members.aol.com/fswemedien/ZZUnfa_lldatei_00_02.htm">here</a>.</td>
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</tr>
<tr>
<td>02/05/2000</td>
<td>Insel Norderney / Niedersachsen, Lower Saxony, Germany</td>
<td>Enercon E15 wind turbine - storm tore the rotor nacelle and cover off. One blade travelled between 100m and 150m, landing on a factory and private house (family Zilles). It pierced a 24cm thick stone wall, timber floor and roof of the house. Luckily, the factory was closed due to holidays, and the family were absent on vacation. Turbine was constructed in 1986. The turbines were subsequently shut down on 30 August 2000 following a court ruling on safety grounds and that they were too close to housing. Anzeiger für Harlingerland, 29.5.2000. <a href="http://members.aol.com/fswemedien/ZZUnfa_lldatei_00_02.htm">here</a>.</td>
</tr>
<tr>
<td>10/07/2000</td>
<td>Limburg-Offheim im Kreis Limburg-Weilburg, Bennington, VT, USA</td>
<td>DeWind Problems with transformer at the wind park causes major power fluctuations in the nearby towns. Reports of computers, TVs and fridges damaged. Eventual mains failure which was restored some time later. Nassausische Neue Presse from 11.7.2000 <a href="http://members.aol.com/fswemedien/ZZUnfa_lldatei_00_02.htm">here</a>.</td>
</tr>
<tr>
<td>26/10/2000</td>
<td>Kern County, CA, USA</td>
<td>Kern County Fire Department report wind turbine rescue on 26 October 2000. On arrival at the turbine they were faced with an injured man inside the centre of the turbine support column. He had been performing maintenance at 175 feet above ground when a strap failed, almost severing his foot. Reported in Kern Heavy Rescue Newsletter, Q1 2001. [here](<a href="http://www.kernheavyrescue.org/Tet5Qmedical">http://www.kernheavyrescue.org/Tet5Qmedical</a> Newsletter.PDF).</td>
</tr>
<tr>
<td>30/10/2000</td>
<td>Ullgast in Ostfriesland / Niedersachsen, Lower Saxony, Germany</td>
<td>Tacke 600 kW - 21m long blade section weighing 2 tonnes flew approx 100m. Turbine had passed an inspection only 4 weeks before. Constructed in 1996. Anzeiger für Harlingerland, 31.11.2000. <a href="http://members.aol.com/fswemedien/ZZUnfa_lldatei_00_02.htm">here</a>.</td>
</tr>
<tr>
<td>06/11/2000</td>
<td>Barth bei Heide, Kreis Dithmarschen / Schleswig-Holstein, Germany</td>
<td>Dithmarscher Landeszeitung / Brunsbütteler Zeitung. <a href="http://members.aol.com/fswemedien/ZZUnfa_lldatei_00_02.htm">here</a>.</td>
</tr>
<tr>
<td>Date</td>
<td>Location/Details</td>
<td>Turbine/Details</td>
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<tr>
<td>01/12/2000</td>
<td>Miscellaneous</td>
<td>Nordtank 600kw</td>
</tr>
<tr>
<td>08/12/2000</td>
<td>Structural failure</td>
<td>Burgos, Merindades Spain</td>
</tr>
<tr>
<td>18/12/2000</td>
<td>Fatal</td>
<td>Erwitte - Westfalen Germany</td>
</tr>
<tr>
<td>2001</td>
<td>Miscellaneous</td>
<td>Horns Rev Denmark</td>
</tr>
<tr>
<td>15/01/2001</td>
<td>Structural failure</td>
<td>Castillo Spain</td>
</tr>
<tr>
<td>15/01/2001</td>
<td>Structural failure</td>
<td>León Spain</td>
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<tr>
<td>02/03/2001</td>
<td>Structural failure</td>
<td>Sierra Cabrera wind farm, Valencia</td>
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<tr>
<td>08/03/2001</td>
<td>Environmental</td>
<td>Martinshohe bei Kaiserslautern / Rheinland-Pfalz</td>
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<tr>
<td>15/03/2001</td>
<td>Blade failure</td>
<td>Oederquart bei Stade / Niedersachsen, Lower Saxony</td>
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<tr>
<td>19/03/2001</td>
<td>Fire</td>
<td>Geldernstedt, Kreis Vechta / Niedersachsen, Lower Saxony</td>
</tr>
<tr>
<td>Date</td>
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<td>Type</td>
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<tr>
<td>01/07/2001</td>
<td>Various</td>
<td>Blade failure</td>
</tr>
<tr>
<td>08/10/2001</td>
<td>Birlinthe Mier eco-commune, Newport, Wales</td>
<td>Human injury</td>
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<tr>
<td>06/12/2001</td>
<td>Dillammen bei Lauterbach/Vogelsberg kreis / Hessen</td>
<td>Blade failure</td>
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<tr>
<td>21/12/2001</td>
<td>Bad Dobberan / Mecklenburg-Vorpommern (unter Vorbehalt)</td>
<td>Blade failure</td>
</tr>
<tr>
<td>28/01/2002</td>
<td>Reinfeld bei Wolfenbüttel / Niedersachsen, Lower Saxony</td>
<td>Blade failure</td>
</tr>
</tbody>
</table>

163 Structural failure 19/02/2002 Javenloch bei Carolinensiel / Niedersachsen, Lower Saxony Germany Lagerwey 250kW Blades and turbine blown off tower. Blades were 27m long - large parts travelled 235m. Photos show this. The turbine housing fell onto a transformer and also destroyed it. Ingenbohl-Nachrichten, 26.2.2002 http://members.aol.com/feuerwehr/22_ZW/22_ZW_09/02.htm

164 Blade failure 22/02/2002 Rüppenbroch, Gem. Simmerath bei Aachen, Westphalia Germany Turbine blade torn off during snow storm. 7.5m blade part reported to travel 40m. Turbine 10 years old. photos available online http://www.windturbinecompany.com/milestones/30cm.jpg


167 Ice throw 26/02/2002 Selterweisch bei Bittburg / Rheinland-Pfaltz Germany Vestas V66 Ice thrown during a meeting of CDU state parliament delegates with the site operator. No-one hurt. No further details Trierrischer Volksfreund - online http://www.windaction.org/news/12847 24 November 2007 http://members.aol.com/hieronymusbosch2/otohotorbruch_30cmbrid.jpg


170 Blade failure 15/03/2002 Mönchhof Austria Transformers had short and had to be changed out Windpower Monthly, May 2002 http://members.aol.com/feuerwehr/22_ZL/22_09/02.htm

171 Fire 18/03/2002 Strocken im Landkreis Goslar / Niedersachsen, Lower Saxony Germany Vestas V66 Fire started 5pm and could not be fought by the fire brigade due to the height. Left to burn out. Total loss. One of 5 x V66 fires in Germany during 2002 Döbelner Anzeiger, 20.3.2002 http://members.aol.com/feuerwehr/22_ZL/22_09/02.htm

172 Blade failure 20/03/2002 Nettetal-Oirlich im Kreis Viersen, Westphalia Germany DeWind 48 Lightning strike removed 1m of blade. Constructed in 1999 Westdeutsche Zeitung, 17.5.2002 http://members.aol.com/feuerwehr/22_ZL/22_09/02.htm


175 Fire 20/04/2002 Bad Wünnenberg/Hameln bei Paderborn, Westphalia Germany Vestas 1.5MW 108m overall height (V80) Turbine fire 30m from A44 motorway. No wind that day so luckily no debris scattered over wide area. Fire brigade could not fight the fire at 78m height - was left to burn out. Burning debris around periphery of turbine. Motorway closed for over 12 hours. Turbine constructed in 2000. Total loss Lots of coverage - www.neue-ws.de.Neue Westfälische, Ausgabe OWL / WDR Studio Bielefeld - Femsehun and Radio. Photos available. http://members.aol.com/hieronymus/wsbcharlotten/baardbildschaden_30ombild.jpg


177 Structural failure 15/05/2002 Colorado, CO USA WTC Crack from first accident led to blade striking tower in second accident. First accident in May 2002. An electronic device failure and a control system software glitch caused a blade to strike the tower. Date simply used as mid-point for the month Lippstädter newspaper - Der Patriot, 30.4.2002. Photos info from developers own website http://www.windturbinescompany.com/milestones/30cm.jpg


179 Fire 12/06/2002 Holzheim bei Ditz (Bf Rhein-Lahn-Kreis (Bad Ems) / Rheinland-Pfalz Germany Fire spread from blazing car to neighbouring wind turbine and destroyed parts and cables in the lower part of the tower. Further spread stopped by fast action of the Fire Brigade.
Nassauische Neue Presse, 14.6.2002 http://members.aol.com/fswemedien/ZZUnfalldatei_00_02.htm

180 Environmental 30/06/2002 Vanarra Spain "Bird Death Claims Cloud Positive Poll" Environmentalists accused the Navarro government of a cover up after unearthing information indicating that over sixty times as many birds deaths occurred as a result of wind turbines than was previously admitted. Environmental group Gureak found the data in an official report which was not made public, and are questioning the results of a recent opinion poll carried out by Spain's biggest wind developer, Energia Hidreotecnica de Navarra (EHN), which claimed extremely favourable pro-wind results.
Wind Power Monthly, June 2002

181 Human injury 01/07/2002 Sigean, Aude France 860kW Mechanic electrocuted after metal tool contacted a live transformer connection. The survived but was badly burned and shocked. He facility was closed for 4 months during accident investigation. Turbines operational from May 2000.

182 Fatal 10/07/2002 Emmenrhein, Zeewalds, Flevoland Holland 1MW Two men reported to fall 10m within the turbine tower. The one above fell on his fellow worker and was killed on the spot. The survivor had serious head and neck injuries. No names or ages given.
Also newspapers Trouw 11 July 2002, Veluws Dagblad 11 July 2002, and Veluws Dagblad, 11 July 2002 "Man dies after fall from windmill".

183 Fire 04/08/2002 Katzenberg bei Medieng Strasbourg- muslim, Aude France 600kW S2 online reports fire on a brand-new turbine still undergoing commissioning. Total loss. No thunder or lightning recorded. The developer's website records a fire on the 5th of May 2002.

184 Human injury 05/08/2002 Heidenheim, Kreis Wayneburg, Germany 40kW Lightning strike hit turbine. No obvious outward damage. Shut down until sometime between 22 August and 19 October when repair was completed. Constructed July 2000.
Nürnberger Nachrichten, 6/8/2002

185 Miscellaneous 06/08/2002 Limburg-Offehn im Kreis Limburg-Weilburg, Hessen Germany 40kW Lightning strike hit turbine. No obvious outward damage. Shut down until sometime between 22 August and 19 October when repair was completed. Constructed July 2000.
Eye witness report

Developers website

187 Fire 08/08/2002 Brokelsted, Schleswig-Holstein Germany Vesta V66 Lighting struck the tower and caused a fire. Fire brigade unable to do anything due to the height - had to let it burn out. Debris from burning blades dropping over local environment. Turbines operational since December 1999. One of 5 x V66 fires in Germany during 2002.

"Spectacular damage with MW plants" Developers website

189 Fire 01/09/2002 Denmark Elsam 2MW "Elsam 2MW fire" Date is for magazine publication

190 Structural failure 01/09/2002 Vogelsberg, Hessen Germany NEG Micon 500kW The loss of an entire rotor and hub from an NEG Micon 500kW turbine in Germany last month (September 2002) was the result of an extraordinary material failure following welding work by a sub-contractor, reports the machine's manufacturer.
Windpower Monthly September 2002
191 Structural failure 08/09/2002 Ulrichslaat Helpersharn Germany NEG Micon M1500 Rotor broke off completely at the hub. Weighing several tonnes and with a diameter of 44m, it fell from 50m height on to a local track. Six identical turbines shut down for safety checks. Turbine in place since 1996.
Windpower Monthly October 2002. Local TV coverage (video and photos available) and various press releases
http://members.aol.com/fswemedien/ZZUnfa/index_00_02.htm

192 Fire 24/09/2002 Eilm bei Schlüchtem im Main-Kinzig-Kreis, Hessen Germany ENERON (ex Tadsa) Transformer at the foot of the turbine went on fire due to "technical defect". Kirchtagal message of 25/09/2002. Photos available online
http://members.aol.com/fswemedien/ZZUnfa/index_00_02.htm

193 Fire 01/10/2002 Bilkendorf-Graschaft bei Jever im Kreis Friesland, Lower Saxony Germany GE-600kW Fire brigade could not fight fire due to height. Local radio broadcast 23/10/2002. Also Thierry newspaper 24/10/2002 http://members.aol.com/fswemedien/ZZUnfa/index_00_02.htm

http://members.aol.com/fswemedien/ZZUnfa/index_00_02.htm

http://members.aol.com/fswemedien/ZZUnfa/index_00_02.htm

196 Blade failure 26/10/2002 Erkelenz-Holzweiler im Kreis Heinsberg, Westphalia Germany NEG Micon Blade broke off completely at the hub. It was later admitted by operators that there was a known defect in the blade prior to storm but they had ignored it.
197 Blade failure 27/10/2002 Kaiserslautern Germany Storm damaged to blade - blade broke off. It was left to burn out. Flaming debris ignited nearby hay. Constructed 1995/96. Main road closed for 11 hours. TV news NDR 27/10 and 28/10. Also Ventus Vigor wind energy portal online. Also "Accidents", D Krämer, BLS, Dec. 2000

197 Blade failure 27/10/2002 Kaiserslautern Germany Storm damaged to blade - blade broke off. It was later admitted by operators that there was a known defect in the blade prior to storm but they had ignored it.
http://members.aol.com/fswemedien/ZZUnfa/index_00_02.htm

http://www.princetonwindfarm.com/Wachusett%20Mountain%20Wind%20Farm%20Dan%20ger%20Brief.pdf


200 Structural failure 27/10/2002 Goldhastedt Elenstedt, Lower Saxony Germany GE-4 41a 600kW. Hub height 70m, rotor diameter 41m Turbine completely toppled in storm - concrete base pulled out of ground. Operational since 11/1997. Weights: rotor 10.3tE, hub 26tE, tower 80tE. Local TV coverage (video and photos available) for 27/10 and 28/10. Also Oldenburg newspaper. Extensive photos available.
http://members.aol.com/fswemedien/ZZUnfa/index_00_02.htm

201 Blade failure 28/10/2002 Tauerndorfplatz Oberzeiring, Steiermark Austria Vesta V86 Blade broke on turbine being dismantled during storm. Winds reported at 130 kmh. news.at from 30/10/2002. Developer's website


203 Blade failure 04/11/2002 Tjaereborg, Esbjerg Denmark Vesta V80 2.0 MW At least three blades damaged. Turbine still being commissioned. Wind speed only 5-8 m/s (Force 4)
Northumberland newspaper of 6.11.2002. Ventus Vigor wind energy portal online. Also Windpower December 2002

204 Miscellaneous 05/11/2002 Laubuschesbach, Limburg, Hessen Germany Fuhrlander Lightning strike paralysed turbines and knocked out a rotor blade for brand new turbines not yet commissioned. The site has a high lightning strike rate and the development was rushed through by the local authority. Weilburger daily newspaper 13/11/2002
http://members.aol.com/fswemedien/ZZUnfa/index_00_02.htm

Lueneburger newspaper of 20/11/2002
http://members.aol.com/fswemedien/ZZUnfa/index_00_02.htm

206 Transport 18/11/2002 Dahlenburg, Lueneburger Germany Not applicable Transporter sagged but fortunately did not fully tilt. Main road to Dahlenburg Tosterglope closed until the following morning. Lueneburger newspaper of 20/11/2002
http://members.aol.com/fswemedien/ZZUnfa/index_00_02.htm

207 Structural failure 18/11/2002 Wakefield Wind Site, Princeton, MA USA Anemometer Anemometer tower 130 feet high collapsed following an ice storm. The tower had been installed in July 2000. It was only 110 feet from a public trail. Brief on the dangers of ice and structural failure at the proposed Wachusett reservation windfarm, presented to: The Joint Committee on Bonding, Capital Expenditures and State Assets at a public hearing on Bill S.40, Tuesday, July 5, 2005. With photos.

208 Transport 03/12/2002 Oberleick, Heinsberg Germany Not applicable Turbine transport causes substantial damage*. Road, roundabout and housing badly damaged after turbine transporter slid on roundabout. Road between Breberen and Saefeld closed for 3 hours.
Lueneburger newspaper of 20/11/2002
http://www.princetonwindfarm.com/Wachusett%20Mountain%20Wind%20Farm%20Dan%20ger%20Brief.pdf

209 Ice throw 06/12/2002 Maastricht, Reutlingen, Wuerttemberg Germany Ice throws observed and photographed up to 130m from turbine on Dec 7th and 8th 2002. Pieces weighing up to 1.8kg Private website with photographs and records
http://www.parkwindkraft.ch/Photo/2002-02-06.jpg

211 Blade failure 28/12/2002 Navarri, Aude, France 600kW, 75m total height Blade torn off during storm followed by collapse of the turbine mast. The turbine was being installed at the time. The second of several such French incidents which led to a formal investigation of wind turbine safety. “Rapport sur la sécurité des installations éoliennes”, Conseil général des Mines, N° 04-5. Ministère de l’économie des finances et de l’industrie, République Française, July 2004.

212 Miscellaneous 31/12/2002 Horns Rev offshore wind park, Denmark Vestas Horns Rev was constructed during 2002. A presentation by the contractors reports zero fatalities, one lost time accident (therefore worker injury), six lost time accidents, and 39 near misses during the construction project. The Horns Rev Offshore Contractors’ presentation to BWEA, safety section by Esbjerg Safety Consultants, page 16. (see online).

213 Miscellaneous Dec-2002 Horns Rev offshore wind park, Denmark Vestas The network failure, leading to a standstill of the turbines for 14 days, caused further problems. Stand-still marks in the gearboxes could be identified in 8 of the installed turbines. POWER: accidents an lessons learned on European wind farms.pdf

214 Fire 2002 Bonnerup, Denmark NEG Micon No details of incident. Provision of analysis and advice to fire damaged component. Location likely to be of AREPA’s work AREPA Group reference list of tasks regarding wind turbines http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

215 Fire 2002 Silkeborg, Denmark DMP Molleservice No details of incident. Restoration of analysis and advice to fire damaged component. Location likely to be of AREPA’s work AREPA Group reference list of tasks regarding wind turbines http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

216 Fire 2002 Silkeborg, Denmark DMP Molleservice No details of incident. Provision of analysis and restoration to fire damaged component. Location likely to be of AREPA’s work AREPA Group reference list of tasks regarding wind turbines http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

217 Fire 2002 Silkeborg, Denmark Bonus Energy No details of incident. Provision of analysis and restoration to fire damaged component. Location likely to be of AREPA’s work AREPA Group reference list of tasks regarding wind turbines http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

218 Fire 2002 Lindesnes, Norway NEG Micon No details of incident. Provision of analysis, advice and restoration to fire damaged component. Location likely to be of AREPA’s work AREPA Group reference list of tasks regarding wind turbines http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

219 Fire 2002 Silkeborg, Denmark Bonus Energy No details of incident. Restoration of analysis and advice to fire damaged component. Location likely to be of AREPA’s work AREPA Group reference list of tasks regarding wind turbines http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

220 Fire 2002 Hejlsvig, Denmark NEG Micon No details of incident. Provision of analysis, advice and restoration to fire damaged component. Location likely to be of AREPA’s work AREPA Group reference list of tasks regarding wind turbines http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

221 Fire 2002 Silkeborg, Denmark Bonus Energy No details of incident. Provision of analysis, advice and restoration to fire damaged component. Location likely to be of AREPA’s work AREPA Group reference list of tasks regarding wind turbines http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

222 Miscellaneous 2002 Blyth, Northumberland, England, UK V66 (2MW) Two generator failures, first caused by carbon dust from the brush unit (from back emf) entering the stator. The build up on the winding tails caused a short circuit. “The second failure was due to overheating in the stator windings causing deformation of the rotor and contact with the rotor. This was caused by poor varnish impregnation of the stator windings”. AMEC_Blyth_Operational_Aspects_2004.pdf

223 Miscellaneous 2002 Blyth, Northumberland, England, UK V66 (2MW) Removal of generator for repairs. In lowering the generators onto a vessel from the nacelle and tower, it was noted that the type of vessel was extremely important for a successful transfer. AMEC_Blyth_Operational_Aspects_2004.pdf
224 Miscellaneous 2002 Middelgrunden, Copenhagen Denmark Middelgrunden in Denmark, as an example, had "Problems with the switchgear and the transformers have been the main issue from the very beginning. In December 2002 the #9 transformer short-circuited. Six of the damaged transformers belong to Copenhagen Energy Wind and the last three to the Cooperative. One breakdown was caused by a misplaced phail. Initially "the switchgears were leaking SF6 gas and had to be repaired." The Middelgrunden Offshore Windfarm http://middelgrunden.dk/middelgrunden/sites/default/files/public/middelgrundebooklet_73dpi_rgp.pdf


226 Environmental 27/01/2003 Ober-Flörsheim bei Alzey im Kreis Alzey-Worms / Rheinland-Pfalz Germany Turbine constructed in December 2002 and leaking oil into the surrounding land. Attempts to capture the oil with granules failed. Quantity of oil not known. Local newspaper reported the leak which had been ongoing for over 1 month when discovered Rhein-Mainer from 29.1.2003 + http://huegelland.tripod.com/

227 Miscellaneous 01/02/2003 Canada Nordex 1.3MW "Gearbox failure damages turbine". Date is of magazine publication Windpower Monthly February 2003

228 Fire 02/02/2003 Geesthacht im Kreis Herzogtum Lauenburg / Schleswig-Holstein Germany Enercon Total destruction of 40m tower and turbine by fire. Fire was un-noticed and the fire brigade were not called out. Total loss. TAZ Hamburg, 3.2.2003 http://members.aol.com/fswemedien/ZZUnfalldatei.htm

229 Blade failure 26/02/2003 Sables-Louhosse, Audie France FBMK Three blades broke off during storm - from three separate turbines. Turbines were constructed in July 1998. Following the incident, 7 out of the 10 turbines on this site were shut down and were eventually dismantled Maipport sur la sécurité des installations éoliennes", Conseil général des Mines, N° 04-5. Ministere de l'economie des finances et de l'Industrie, Republique Francaise, July 2004. Also La Dépêche of 26 February 2003

230 Structural failure 01/03/2003 Wachusett Wind Site, Princeton, MA USA Anemometer Anemometer tower 165 feet high collapsed. The tower had been installed two months previously. Date uncertain - simply says "March 2003" The Joint Committee on Bonding, Capital Expenditures and State Assets at a public hearing on Bill S.40, Tuesday, July 5, 2005. With photos. http://members.aol.com/fswemedien/ZZUnfalldatei.htm

231 Fatal 07/03/2003 Erneuter Tödlicher Autounfall bei Erftstadt-Erp, Westphalia Germany Third of three public fatalities at the same location put down to driver distraction. 25 year old driver of red Audi. Accident spot is where turbines become visible to drivers - on circular road 33 (Kreisstraße 33) Köhler Stadtanzeiger-Erfttesserei from 8.3.2003 http://members.aol.com/fswemedien/ZZUnfalldatei.htm

232 Structural failure 14/03/2003 New Caledonia French Pacific Islands V27 and V29 Vestas Wind plant operators in France's overseas tropical territories are counting the costs and learning the lessons of dealing with tropical storms after Cyclone Erica struck the islands of New Caledonia on March 14. Three of the four groups of turbines in New Caledonia are operated by French company Vergnet, which specializes in smaller turbines for storm prone regions. All three escaped with minor damage. The fourth larger scale plant, Plum, consisting of 20 Vestas V27 and V29 turbines operated by the utility Electrique et Eau de Calédonie (EEC) suffered far more damage. Windpower Monthly Magazine, June 2003

233 Structural failure 06/04/2003 Reinsberg im Kreis Freiberg / Sachsen, Saxony Germany V100 600kW / hub 70m, rotor diameter 46m A spring storm totally destroyed a turbine. Automatic shut down failed and it ran out of control prior to destruction. Rotor blade points computed to reach speeds of 800km/h. Blade pieces were found 500m away from the turbine. Houses are situated 400m from the turbine - luckily in the opposite direction. Surrounding roads were closed off. Year of construction 1999. Oil also spilled into the surrounding ground (see separate entry) MDR-Radiornachrichten of 5.4.2002. Also internet http://www.freienpresse.de/TXT/TEXT/NACHRICHTEN/REGIONAL/ERZGEBIRGE/GERIBERGER/GETEXT/0000010.html and http://www.sz-online.de/nachrichten/artikel.asp?id=468790 Also see detailed internet report with photos (second right) http://www.gemeinde-reinsberg.de/tipps/aktuell_2.htm

http://www.freienpresse.de/TXT/TEXT/NACHRICHTEN/REGIONAL/ERZGEBIRGE/GERIBERGER/GETEXT/0000010.html
234 Environmental 05/04/2003 Reinsberg im Kreis Freiberg / Sachsen, Saxony Germany Turbine destroyed by storm spilled oil over a wide area. This is in a protected area for drinking water supply. Possible prosecution threatened (no information on whether it was carried out) http://members.aol.com/fswemedien/ZZUnfa http://www.gemeinde-reinsberg.de/tips/aktuell_2.htm

235 Fire 15/04/2003 Graußen im Kyffhäuserkreis / Thüringen Germany RodPower 1.5 MW The first of 2 fires at the same turbine within 3 weeks. This one was in the switchgear housing within the tower. Year of construction 2003 Thüringer Allgemeine, 12.5.2003. Photos. http://members.aol.com/fswemedien/ZZUnfa http://www.sz-online.de/nachrichten/artikel.asp?id=468790 Also see detailed internet report with photos (second right)

236 Miscellaneous 21/04/2003 Iven im Kreis Osdorpommeren / Mecklenburg- Vorpommern Germany General Electric Rotor exchange required due to mechanical problems Nordkutter, 30.7.2003 http://members.aol.com/fswemedien/ZZUnfa http://www.freiepresse.de/TEXTE/NACHRICHTEN/REGIONAL/ERZGEBIRGE/FREIBERG/TEXTE/590200.html and http://www.az-online.de/nachrichten/artikel.asp?id=468790 Also see detailed internet report with photos (second right)

237 Environmental 04/05/2003 Nordheim- Eischtinghofen, Westfalia Germany General Electric 1.5MW, 100m hub, 77m rotor diameter Oil leak into surrounding ground reported over several days Homepage from 8.5.03 http://members.aol.com/fswemedien/ZZUnfa http://www.freiepresse.de/TEXTE/NACHRICHTEN/REGIONAL/ERZGEBIRGE/FREIBERG/TEXTE/590200.html and http://www.az-online.de/nachrichten/artikel.asp?id=468790 Also see detailed internet report with photos (second right)

238 Fire 11/05/2003 Graußen im Kyffhäuserkreis / Thüringen Germany RodPower 1.5 MW Lightning strike assumed - found “bang” reported at 0500. Fire brigade called out but could do nothing because of the height. 4m piece of blazing blade reported to fall off. Year of construction 2003. Earlier fire at same turbine on 15/4/2003 Thüringer Allgemeine, 12.5.2003. Photos. http://members.aol.com/fswemedien/ZZUnfa http://www.sz-online.de/nachrichten/artikel.asp?id=468790 Also see detailed internet report with photos (second right)


240 Environmental 23/05/2003 Mountaineer wind farm, West Virginia United States “Massive bird kill at West Virginia wind farm highlights national issue”. On May 23, 2003 at the Mountaineer wind farm in the Allegheny Mountains, at least 33 birds were killed. Some of the deaths were attributed to collisions with wind turbines and some to collisions with a substation Reported by American Bird Conservancy on 28 October 2011 and by Saturday Gazette-Mail on 29 October 2011 http://members.aol.com/hieronymusbosch2/Greussen.htm


243 Structural failure 15/06/2003 Colorado, CO USA WTYC The May 2002 accident caused an undetected crack in the turbine’s rotorshaft and led to a second accident in June 2003. Date simply used as mid-point for the month Info from developers own website http://members.aol.com/fswemedien/ZZUnfa http://www.freiepresse.de/TEXTE/NACHRICHTEN/REGIONAL/ERZGEBIRGE/FREIBERG/TEXTE/590200.html and http://www.az-online.de/nachrichten/artikel.asp?id=468790 Also see detailed internet report with photos (second right)

244 Blade failure 14/07/2003 Kloster im Kreis Lüneburg / Niedersachsen, Lower Saxony Germany Despite being fitted with lightning conductors, a lightning strike damaged turbine blades. Blade tips were broken off. Witnesses report a very loud “bang” when the lightning hit. Lüneburger Zeitung, 15.7.2003 http://members.aol.com/fswemedien/ZZUnfa http://www.freiepresse.de/TEXTE/NACHRICHTEN/REGIONAL/ERZGEBIRGE/FREIBERG/TEXTE/590200.html and http://www.az-online.de/nachrichten/artikel.asp?id=468790 Also see detailed internet report with photos (second right)


246 Environmental 18/07/2003 Lüming Leippe, Westphalia Germany DeWind Leak of 160 litres of hydraulic fluid into the surrounding ground. It ran down the mast and also to the end of each blade and so was distributed over a wide area. The area is a protected area used for drinking water supply Eyewitness, police and fire brigade reports http://members.aol.com/fswemedien/ZZUnfa http://www.freiepresse.de/TEXTE/NACHRICHTEN/REGIONAL/ERZGEBIRGE/FREIBERG/TEXTE/590200.html and http://www.az-online.de/nachrichten/artikel.asp?id=468790 Also see detailed internet report with photos (second right)

248 Human injury 30/07/2003 Castilla y León Spain Two workers badly burned following a fire in the windfarm control room. A 26-year-old worker had first and second degree burns on 91% of his body - 30% on his face and neck. A second 30-year-old worker suffered first and second degree burns on 60% of his body - 20% on his face and neck. The report says that the fire cause is unknown and that the second worker was burned trying to help the first.


249 Fire 14/08/2003 Feinseburg bei St. Joost Germany Headline in newspaper reads "Fire at Wind Turbine". Fire reported at St Joost windpark, close to many hay bales. The fire brigade has to hose down the surrounding bales and ground to stop teh fire spreading.

Jeversches Wochenblatt vom 15.8.03 http://members.aol.com/hieronymusbosch2/LuebeckerNachrichten2.GIF

250 Fire 15/08/2003 Schwochel bei Ahrensbück im Kreis Ostholstein / Schleswig-Holstein Germany Vestas V52 850kW Three mechanics were working on the turbine when they noticed a fire. They escaped but had to undergo hospital treatment for fume inhalation. An explosion followed which destroyed the turbine housing. This was later put down to brake failure (the turbine was spinning out of control).

Lübecker Nachrichten, 22.8.03. Also see http://members.aol.com/hieronymusbosch2/LuebeckerNachrichten1.GIF


Sächsische Zeitung, 29.8.03 http://members.aol.com/fswemedien/ZZUnfalldatei.htm

252 Miscellaneous 25/08/2003 Oberhavelbahn Germany Generator damage reported in a WEB AG turbine. Cause attributed to a very intense thunderstorm which damaged the windings. The generator unit had to be replaced at an estimated cost of about 25,000 euros.

Windkraft database

253 Miscellaneous Aug-2003 Horns Rev Denmark Failure of 20-30% of the transformers reported, owing to a combination of factors – manufacturing problems, weather conditions offshore, possibly salt in the air affecting the transformers.


254 Structural failure 11/09/2003 Miyako-jima Island Japan Micon M750/400kW and Enercon E40/500kW Six turbines wrecked in high winds from Typhoon Maemi. Two Micon M750/400kW turbines and one Enercon E40/500kW turbine completely collapsed. The other three turbines suffered broken blades and damaged nacelle covers.


http://www.co.kittitas.wa.us/cds/feis/FEIS/Chapter3/3.8Health.pdf

255 Fatal 18/09/2003 Tres Vaqueros Wind Farm, Byron, Alamont Pass, CA USA Marty Evans, 34. At the time of the accident the employee was performing a manual switching operation on a pad-mounted electrical transformer. An explosion occurred during the switching operation. The employee died the following day from injuries sustained in the explosion. The explosion ignited a fire at the base of the turbine, for which the California Department of Forestry (CDF) was immediately notified.

"Kittitas County, Desert Caim Wind Power Project, Final EIS, Chapter 3, page 3-165. Also Wind Energy – The Breath of Life or the Kiss of Death: Contemporary Wind Mortality Rates, by Paul Gipe"

http://www.wind-works.org/articles/BreathLife.html

256 Miscellaneous 21/09/2003 Lolland Denmark Floating dock broke loose from tug and threatened the wind farm; it was however reconnected in time.

Weser courier, Bremen of 19.12.03

257 Fatal 10/10/2003 Neuenruppen, Brandenburg Germany Enercon E66 Un-named, 25-year old man, working on ladder rail, disconnected rail, fell 30m through platform, hit head on lower platform rail.

Wind Energy – The Breath of Life or the Kiss of Death: Contemporary Wind Mortality Rates, by Paul Gipe. Also Prinzitizer Zeitung newspaper 10/10/2003, message broadcast 15/10/2003 and newspaper death notice

http://www.wind-works.org/articles/FallfromE66.html

http://members.aol.com/fswemedien/ZZUnfalldatei.htm
258 Environmental 16/10/2003
Derrybrien, County Galway, Ireland
In October 2003, a major landslide involving more than half a million cubic metres of peat took place over a distance of two kilometres at Derrybrien, County Galway, damaging property and killing an estimated 50,000 fish. The landslide was caused by work on Ireland's largest wind-farm project. The EC is taking Ireland's government to the European Court of Justice over the incident, which the EC describes as an "environmental disaster" Ref EIHP 14-April 2005 - see http://www.eihp.hr/english/detaljnije.php?id=126

259 Environmental 31/10/2003
Eastern US states (general) USA
"Alarming Evidence of Bat Kills in Eastern US - serious levels of bat mortality at wind turbine sites": Scientists have called for the wind industry to help reduce serious bat mortality rates after it emerged that bat kills are a major and unexpected problem at wind turbine sites in Eastern US. This issue came to a head after the death of what was described as an "alarming" number of bats at a single wind farm over a four week period.
Wind Power Monthly, October 2003.

260 Blade failure 01/11/2003
Wachusett Wind Site, Princeton, MA USA
120 foot tower All three blades disintegrated on existing wind tower generator. An anchoring pin gave way, allowing the tower to tilt forward until the rotating blades struck the tower. The blades disintegrated showering the area with debris - some up to 5 feet long. Date uncertain - simply refers to "November 2003"
Brief on the dangers of ice and structural failure at the proposed Wachusett reservation windfarm, presented to: The Joint Committee on Bonding, Capital Expenditures and State Assets at a public hearing on Bill S.40, Tuesday, July 5, 2005. With photos.
http://www.princetonwindfarm.com/Wachusett%20Mountain%20Wind%20Farm%20-%20Ice%20Damage%20Brief.pdf

261 Fire 08/11/2003
Sizewell bei Nonnweiler im Kreis St. Wendel / Saarland Germany
"Turbine fire at 8am height. Mechanical source quoted "probably the engine overheated" said police. Fire brigade could do nothing due to the height of the fire. Surrounding districts closed off until the fire burned itself out."
Saarbrücker Zeitung, 10.11.03

262 Blade failure 15/11/2003
Salles-Limousis, Aude France
750kW Three turbines with broken blades, 48m high, 43m diameter blades. 21.7m blade piece weighing 2 tonnes thrown. Smaller pieces thrown as far as 100m from turbine.
Midi Libre, Saturday 15 Nov 2003
http://ventdubocage.net/accident9.htm

263 Blade failure 15/12/2003
Windpark Klein-Wassens bei Jever, im Kreis Friesland / Niedersachsen, Lower Saxony Germany
"Vestas V80 Damage to rotor blade by lightning. Residents informed police. Turbine safely shut down with blade remaining attached."
http://members.aol.com/fsweatde/v2/LHdp/sites.htm

264 Blade failure 16/12/2003
Windpark Grevenbroich bei Neuss, Westphalia Germany
"37m long blade section bent in storm. Turbine safely shut down. Blade did not fall off."
Rheinische Post and the Westdeutsche Zeitung, 17.12.2003
http://members.aol.com/fsweatde/v2/LHdp/sites.htm

265 Blade failure 21/12/2003
Borkum offshore windpark Holland
"Navigation warning NR 94 21005UTC broadcast to warn shipping of four turbine blades which had been lost from the Borkum offshore windpark and were floating in the shipping lanes. Blades were 21 x of 1.5 meters; position S2-37.1N 003-17.5E - classified as dangerously for navigation"
Emergency broadcast from Netherland Coastguard 21-12-2003
http://members.aol.com/fsweatde/v2/LHdp/sites.htm

266 Fire 23/12/2003
Zobes, Gemeinde Neuensalz im Vogtlandkreis / Sachsen, Saxony Germany
"NED WIND 46m high Lightning strike destroyed a blade and started a fire which destroyed part of the turbine housing. One blade badly bent, remained on the tower. A second blade fell off. Constructed in 1994"
http://members.aol.com/fsweatde/v2/LHdp/sites.htm

267 Environmental 23/12/2003
Woolnorth Farm, Tasmania Australia
"Bird death sparks Hydro Tas monitoring". An endangered wedge-tailed eagle was killed last week after colliding with a wind turbine. Site operators Hydro released a list of birds and bats killed since the turbines began operation in October 2002. In 14 months, 20 birds and 11 bats have died. The eagle killed last week was the only threatened species listed.
ABC News online, Tuesday Dec 23rd 2003
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Location</th>
<th>Turbine Type</th>
<th>Event Description</th>
<th>Source(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>268</td>
<td>26/12/2003</td>
<td>Bad Wünnenberg bei Paderborn, Westphalia, Germany</td>
<td>Enercon E66 1.8MW</td>
<td>Fire started in the turbine housing and eventually two blazing blades fell off. Burning debris reported to travel several hundred meters. Fire brigade could do nothing because of the height.</td>
<td>Neue Westfälische&quot;, &quot;Westfalenblatt&quot; and other local media from 27 and 28.12.2003. Photos <a href="http://members.aol.com/fswemedien/ZZUnfalldatei.htm">http://members.aol.com/fswemedien/ZZUnfalldatei.htm</a></td>
</tr>
<tr>
<td>269</td>
<td>28/12/2003</td>
<td>Windpark Boulogne-sur-Mer, France</td>
<td>Lagerwey 750kw</td>
<td>Blade parts weighing several tonnes fell onto an area used by local fishermen and walkers. &quot;Pure luck&quot; that no-one was injured. Area closed off to public. Boulogne prosecutors office undertaking investigation. Another French incidents which led to a formal investigation of wind turbine safety.</td>
<td>Local newspapers in Boulogne-sur-Mer and internet site &quot;www.eoliennes.net&quot; <a href="http://www.eoliennes.net/article.php?id=10998">http://www.eoliennes.net/article.php?id=10998</a></td>
</tr>
<tr>
<td>273</td>
<td>2003</td>
<td>Middelgrunden, Copenhagen, Denmark</td>
<td>Bonus Energy</td>
<td>No details of incident. Provision of analysis, advice and restoration to fire damaged component. Location likely to be of AREPA's work.</td>
<td>AREPA Group reference list of tasks regarding wind turbines <a href="http://www.arepa.com/Products%20&amp;%20Solutions/Wind%20turbines/index.html">http://www.arepa.com/Products%20&amp;%20Solutions/Wind%20turbines/index.html</a></td>
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<tr>
<td>276</td>
<td>2003</td>
<td>Tjæreborg, Esbjerg, Denmark</td>
<td>NEG Micon</td>
<td>No details of incident. Provision of analysis, advice and restoration to fire damaged component. Location likely to be of AREPA's work.</td>
<td>AREPA Group reference list of tasks regarding wind turbines <a href="http://www.arepa.com/Products%20&amp;%20Solutions/Wind%20turbines/index.html">http://www.arepa.com/Products%20&amp;%20Solutions/Wind%20turbines/index.html</a></td>
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<tr>
<td>279</td>
<td>2003</td>
<td>Nysted Havmøllepark, Gedser, Denmark</td>
<td>Bonus Energy</td>
<td>No details of incident. Provision of analysis, advice and restoration to fire damaged component. Location likely to be of AREPA's work.</td>
<td>AREPA Group reference list of tasks regarding wind turbines <a href="http://www.arepa.com/Products%20&amp;%20Solutions/Wind%20turbines/index.html">http://www.arepa.com/Products%20&amp;%20Solutions/Wind%20turbines/index.html</a></td>
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<tr>
<td>280</td>
<td>2003</td>
<td>Hokkerup/Rinkenaes, Denmark</td>
<td>ESS</td>
<td>No details of incident. Provision of analysis, advice and restoration to fire damaged component. Location likely to be of AREPA's work.</td>
<td>AREPA Group reference list of tasks regarding wind turbines <a href="http://www.arepa.com/Products%20&amp;%20Solutions/Wind%20turbines/index.html">http://www.arepa.com/Products%20&amp;%20Solutions/Wind%20turbines/index.html</a></td>
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<tr>
<td>281</td>
<td>2003</td>
<td>Bouin en Vendée, France</td>
<td>2MW</td>
<td>Turbine bases found to have cracks and breaks.</td>
<td>Internet <a href="http://www.eoliennes.net/article.php?id=10998">http://www.eoliennes.net/article.php?id=10998</a></td>
</tr>
<tr>
<td>282</td>
<td>2003</td>
<td>Nysted Havmøllepark, Gedser, Denmark</td>
<td></td>
<td>Defect modifications include:: Exchange of two gear-box bearings; Lightning strikes; Improved air conditioning of transfer; Improved cooling in main transformer; Improved aircraft warning lights synchronization (via satellite).</td>
<td>POWER Report <a href="http://www.eoliennes.net/article.php?id=10998">http://www.eoliennes.net/article.php?id=10998</a></td>
</tr>
</tbody>
</table>

284 Miscellaneous 2003 North Hoyle UK Crane collapse reported on jack-up barge

285 Blade failure 2003 Blyth, Northumberland, England UK V66 (2MW) In early 2003 one turbine was struck by lightning and a blade folded in two, but remained attached. The damage then became apparent during operation where the blade folded in half.

286 Miscellaneous 2003 Gunfleet UK Blade failure 01/02/2004 Caluengo wind plant in Navarra Spain Vestas 25,000 euro damage reported after lighting damaged a turbine. Local newspaper reports 80 tonnes fell to ground.

288 Ice throw 2003 Various China Several examples given of ice throw

289 Structural failure 2003 Blyth, Northumberland, England UK Structural damage reported to secondary structures including support platforms and ladders.

290 Miscellaneous 2003 North Hoyle UK Crane collapse reported on jack-up barge

291 Ice throw 1990 to 2003 Germany 880 cases of reported icing events from 1990 to 2003, 33% on the coastline and lowlands, 67% in the mountains. "A Statistical Evaluation of Icing Failures in Germany’s ‘250 MW Wind’ Programme – Update 2003, M Durstwitz, BOREAS VI 9-11 April 2003 Pyhätunturi, Finland."

292 Fatal 2004 Ytre Stengund, Oeland. Sweden Vestas In 2004, Vestas Northern Europe experienced a fatal accident in Sweden. The cause of the incident has been investigated, and the investigation concluded that the wind turbine, the documentation of the working procedure and the training supplied were all in accordance with current demands. The accident occurred because safety regulations had been disregarded.” Quote from Annual Report. The man was named as Henrik Viktor Peter Christiansen.

293 Structural failure 01/01/2004 Portal, Boulogne-sur-Mer France Lagerwey 750kw 30m turbine collapsed during a storm. Two blades first broke off (2 days earlier?), followed by collapse of the turbine mast. Total loss. The third of several such French incidents which led to a formal investigation of wind turbine safety. Local newspaper reports 80 tonnes fell to ground.

294 Blade failure 09/01/2004 Windpark Roderhöhe bei Eupen, East Belgium Vestas V80 2MW Lightning strike led to exploding blade. Also lightning damage reported to generator

295 Miscellaneous 15/01/2004 Windpark Operahofhütte Austria WEB Windenergie AG 25,000 euro damage reported after lighting damaged a turbine.

296 Blade failure 15/01/2004 Windpark Sas, Wilhelminadorp in der Provinz Zeeland Holland Three blades lost after lightning strike. All three blades exploded due to the heat of the strike.

297 Structural failure 01/02/2004 Caballero wind plant in Navarra Spain Investigation into previous collapse of a 1.5 MW turbine at the 49.5 MW Caballero wind plant in Navarra (date of incident not reported, most likely early January)
<table>
<thead>
<tr>
<th>Number</th>
<th>Type</th>
<th>Date</th>
<th>Location</th>
<th>Description</th>
<th>Source</th>
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</thead>
<tbody>
<tr>
<td>298</td>
<td>Blade failure</td>
<td>29/01/2004</td>
<td>Nerefco Refinery, Holland</td>
<td>On 29 Jan 2004 Nordex Energy GmbH reported to Nerefco Refinery that a</td>
<td><a href="http://members.aol.com/fwemoeber/vZ/LL/database.htm">http://members.aol.com/fwemoeber/vZ/LL/database.htm</a></td>
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<td>balancing weight had become detached from the internal locating chamber</td>
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<td>of one of the turbine blades.  The 120kg weight was</td>
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<td>pinioned from the blade tip and travelled 60m from the tower.</td>
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<tr>
<td>299</td>
<td>Miscellaneous</td>
<td>06/02/2004</td>
<td>Haverlah - Samtgemeinde</td>
<td>Reported to Nerefco Refinery that a balancing weight had become</td>
<td><a href="http://www.tagblatt.de/it/man_cfm/NDH16146263.htm">http://www.tagblatt.de/it/man_cfm/NDH16146263.htm</a></td>
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<td>Schöppenstedt im Kreis</td>
<td>detached from the internal locating chamber of one of the turbine</td>
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<td>Wolfenbüttel / Niedersachsen</td>
<td>blades.  The 120kg weight was pinioned from the blade tip and</td>
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<td>travelled 60m from the tower.</td>
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<td>300</td>
<td>Blade failure</td>
<td>09/02/2004</td>
<td>Oederquart bei Stade / Niedersachsen</td>
<td>Blades torn off during storm.  Small SkW turbine only, initially</td>
<td><a href="http://members.aol.com/fwemoeber/vZ/LL/database.htm">http://members.aol.com/fwemoeber/vZ/LL/database.htm</a></td>
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<td>constructed as a pilot project in 1995.  Similar (almost identical)</td>
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<td>incident took place at the same site on 5/4/2004.  Lighting damage</td>
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<td>in mid-February suspected to have weakened the blades.</td>
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<tr>
<td>301</td>
<td>Blade failure</td>
<td>09/02/2004</td>
<td>Groß Bieebrau- Hoppestadl im</td>
<td>Blades torn off during storm.  Small SkW turbine only, initially</td>
<td><a href="http://www.tagblatt.de/it/man_cfm/NDH16146263.htm">http://www.tagblatt.de/it/man_cfm/NDH16146263.htm</a></td>
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<td>Kreis Darmstadt-Dieburg /</td>
<td>constructed as a pilot project in 1995.  Similar (almost identical)</td>
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<td>Hessen</td>
<td>incident took place at the same site on 5/4/2004.  Lighting damage</td>
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<td>in mid-February suspected to have weakened the blades.</td>
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<tr>
<td>302</td>
<td>Blade failure</td>
<td>22/02/2004</td>
<td>Poschenitz bei Bauden /</td>
<td>Blades torn off during storm.  Small SkW turbine only, initially</td>
<td><a href="http://www.tagblatt.de/it/man_cfm/NDH16146263.htm">http://www.tagblatt.de/it/man_cfm/NDH16146263.htm</a></td>
</tr>
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<td>Sachsen, Saxony</td>
<td>constructed as a pilot project in 1995.  Similar (almost identical)</td>
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<td>incident took place at the same site on 5/4/2004.  Lighting damage</td>
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<td>in mid-February suspected to have weakened the blades.</td>
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<tr>
<td>303</td>
<td>Ice throw</td>
<td>26/02/2004</td>
<td>Lankern bei Dingden,</td>
<td>Ice thrown.  Up to 0.5m pieces reported but no distance data.  Residents</td>
<td><a href="http://members.aol.com/fwemoeber/vZ/LL/database.htm">http://members.aol.com/fwemoeber/vZ/LL/database.htm</a></td>
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<td>nahe Hamminkeln Kreis Wesel,</td>
<td>informed police who insisted on shutdown.  Shutdown between 2 and 3</td>
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<td></td>
<td></td>
<td>Westphalia</td>
<td>days.</td>
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<tr>
<td>304</td>
<td>Structural failure</td>
<td>20/03/2004</td>
<td>León Maga, Port de Dunkerque</td>
<td>30m high turbine collapsed during a storm on March 20.  The third</td>
<td><a href="http://members.aol.com/fwemoeber/vZ/LL/database.htm">http://members.aol.com/fwemoeber/vZ/LL/database.htm</a></td>
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<td>France</td>
<td>incident since the turbines were built in 1997.  The turbines were</td>
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<td></td>
<td>later damaged for safety reasons. Previous incidents include turbine</td>
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<td>collapse on January 1 and the breaking of a blade in February 2002 at</td>
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<td>Wormhout.  Following this incident, the French carried out a formal</td>
<td></td>
</tr>
<tr>
<td>305</td>
<td>Blade failure</td>
<td>21/03/2004</td>
<td>Carolinensiel in Ostfriesland</td>
<td>Rotor blade bent during storm. Some pieces flew off.  No further data.</td>
<td><a href="http://members.aol.com/fwemoeber/vZ/LL/database.htm">http://members.aol.com/fwemoeber/vZ/LL/database.htm</a></td>
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<td>/ Niedersachsen, Sachsen</td>
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<td>306</td>
<td>Blade failure</td>
<td>05/04/2004</td>
<td>Puschenitz bei Bautzen /</td>
<td>10m section of blade broken off by the wind.  TV pictures showed blade</td>
<td><a href="http://members.aol.com/fwemoeber/vZ/LL/database.htm">http://members.aol.com/fwemoeber/vZ/LL/database.htm</a></td>
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<td></td>
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<td>Sachsen, Saxony</td>
<td>part hanging from the rotor.  Constructed in 2001.  Second such</td>
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<td>accident at the same site - previous one on 22/4/2004.  Photos clearly</td>
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<td>show burning debris being spread across the area.  Federal highway 73</td>
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<td>was closed for some time.  Photos clearly show burning debris being</td>
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<td>spread across the area.  Federal highway 73 was closed for some time.</td>
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<tr>
<td>307</td>
<td>Blade failure</td>
<td>01/05/2004</td>
<td>Bassen bei Oyten im Kreis</td>
<td>Lightning strike destroyed the blades, close to motorway A1.</td>
<td><a href="http://members.aol.com/fwemoeber/vZ/LL/database.htm">http://members.aol.com/fwemoeber/vZ/LL/database.htm</a></td>
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<td>Verden / Aller / Niedersachsen,</td>
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<td>Lower Saxony</td>
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<td>308</td>
<td>Blade failure</td>
<td>18/05/2004</td>
<td>Dautenheim bei Alzey im Kreis</td>
<td>Broken rotor reported.  Turbines constructed in 2000.  Second such</td>
<td><a href="http://members.aol.com/fwemoeber/vZ/LL/database.htm">http://members.aol.com/fwemoeber/vZ/LL/database.htm</a></td>
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<td>Alzey-Worms / Rheinland-</td>
<td>accident at the same site - previous one on 22/4/2004.  Photos clearly</td>
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<td></td>
<td>Palz</td>
<td>show burning debris being spread across the area.  Federal highway 73</td>
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<td>309</td>
<td>Fire</td>
<td>06/06/2004</td>
<td>Wollseflingen in Kreis Rendsburg-</td>
<td>Lightning strike caused the Tulfendorf turbine fire, despite lighting</td>
<td><a href="http://members.aol.com/fwemoeber/vZ/LL/database.htm">http://members.aol.com/fwemoeber/vZ/LL/database.htm</a></td>
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<td></td>
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<td>Eckernförde / Schleswig-Holstein</td>
<td>&quot;protection&quot; fitted to turbine.  Temporary high, the fire brigade</td>
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<td>could do nothing but seal the area and watch.  Federal highway 73 was</td>
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<td>closed for some time.  Photos clearly show burning debris being spread</td>
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<td>across the area.  Federal highway 73 was closed for some time.  Photos</td>
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<tr>
<td>310</td>
<td>Miscellaneous</td>
<td>17/06/2004</td>
<td>Harris Offshore wind park</td>
<td>Report that all 80 offshore turbines at Harris Rev need to be taken</td>
<td><a href="http://members.aol.com/fwemoeber/vZ/LL/database.htm">http://members.aol.com/fwemoeber/vZ/LL/database.htm</a></td>
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<td>Denmark</td>
<td>ashore for repair due to transformer and generator failure.</td>
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http://ade62.net/breve.php?id_breve=9

312 Miscellaneous 30/06/2004 Windy Hill wind farm, Ravenshawe, Cairns, Queensland Australia 600kW Encon, installed 1999-2000 Windy Hill Wind Farm turbines were found to have a type fault related to its main carrier bearing. The plant supplier replaced all affected parts and is working with Stanwell on a long-term solution to this issue. Date uncertain - sometime between July 2003 and June 2004. Stanwell Corporation 2004 Annual Report, July 2003-June 2004.


313 Blade failure 08/07/2004 St. Thegonnec, Pleyber Christ, Finistere, Brittany France 300kW Three pieces of blade from one of the five turbines were found in a field. Two pieces 2.5m long, the third piece 1.5m long. Second such incident in ten days. Safety concerns. Ouest France, vendredi 9 juillet 2004. Also: Rapport sur la sécurité des installations éoliennes. Conseil général des Mines, N° 04-5. Ministère de l’économie des finances et de l’Industrie, République Française, July 2004.

http://ade62.net/breve.php?id_breve=9


http://members.aol.com/fswemedien/ZZUnfalldatei.htm

315 Human injury 28/07/2004 Windpark Schwerin Knie Bludsdorf bei Plau/Rheinland-Pfalz Germany Blade part fell from a crane, injuring a 42-year-old worker. He was on a platform 12m up at the time - knocked down to a height of 4m during the accident. He had to be rescued by fire brigade, and later underwent emergency surgery at Trier. Polizeiinspektion Plau and Trierischer Volksfreund from 29.7.2004.

http://members.aol.com/fswemedien/ZZUnfalldatei.htm


http://members.aol.com/fswemedien/ZZUnfalldatei.htm


http://members.aol.com/fswemedien/ZZUnfalldatei.htm

318 Blade failure 31/08/2004 Zeebrugge Belgium The three tonne propeller blade became detached and was blown 100 metres through the air. It landed not far from the nearby gas terminal. Date of newspaper article.


http://members.aol.com/fswemedien/ZZUnfalldatei.htm


http://members.aol.com/fswemedien/ZZUnfalldatei.htm

320 Environmental 1/8/2004 to 13/9/2004 Charleston, WV USA Various A study of wind farms in West Virginia and Pennsylvania estimates as many as 2,600 bats were killed by the whirling blades during a six-week period during 2004. Researchers estimate that between 13-hundred and nearly two-thousand bats were actually killed in that period at the Mountaineer Wind Energy site in Tucker County. The study estimates another 400 to 600 were killed at the Meyersdale Wind Energy Center in Pennsylvania. The site has 20 wind towers. Between August First and September 13th, 2004, researchers with the Bats and Wind Energy Cooperative found 765 dead bats on the ground at the Mountaineer site, which has 44 wind towers.

Eyewitness News, June 6 2005

321 Fatal 14/09/2004 Meyersdale, Somerset, PA USA Vestas 82, 3.6MW, Vensias, PPL site 52 year old Dane Nielsen Otto Andersen Sjolander was killed after falling 60 feet to his death. He had completed maintenance on the turbine and was being lowered to the ground when the turbine started turning and broke the arm of the crane. He was knocked out of the basket and fell to his death. Date given is of Associated Press report (see "Phillyburbs" weblink).


http://www.wdr.de/themen/panorama/brand01/windkraftanlage/index.html
322 Fire 26/09/2004 Klein Bennebeck, im Kreis Schleswig-Flensburg / Schleswig-Holstein Germany Fire during the night in turbine atop a 75m tower. Due to height, fire crews could only watch it burn out. Source is url (see right) http://www.ffw-klein-bennebek.de/wbb2/thread.php?postid=201#post201 http://members.aol.com/fswemedien/ZZUnfalldatei.htm


324 Ice throw 14/11/2004 Carzig im Kreis Märkisch Oderland / Brandenburg Germany 30cm pieces of ice reported thrown 75m to nearby road. No injuries. Ice thrown at turbine start up following shut-down due to ice formation! Märkische Oderzeitung, 17.11.04 http://members.aol.com/fswemedien/ZZUnfalldatei.htm

325 Transport 21/11/2004 Tiskalow, Illinois USA Bay Machinery vs Vestas. November 19, 2004 Bay Machinery picked up the nacelle from the port of Beaumont. On Nov 21, 2004 during transit to Tiskalow Illinois the truck was involved in an accident near Crossroads Arkansas. The nacelle was damaged. Legal System Intelligence

326 Transport 26/11/2004 Niederkirchen bei St. Wendel / Saarland Germany 45m turbine section rammed a house, causing significant damage. House had to be supported due to structural damage caused. Road closed for considerable time. Danish truck and driver. Saarbrücker Zeitung-Ausgabe St. Wendeler Zeitung from 26.11.2004 http://members.aol.com/hieronymusbosch2/Niederkirchen_bericht.jpg


328 Ice throw 12/12/2004 Rhede, Kreis Borken, Westphalia Germany 30cm long and several cm thick pieces of ice reported thrown onto road and cycle tracks during weekend. Turbine shut down. Police report is available. No injuries Borkener Zeitung, 14.12.2004. Also police report http://members.aol.com/fswemedien/ZZUnfalldatei.htm

329 Ice throw 12/12/2004 Lankern bei Dingden, nahe Hamminkeln Kreis Wesel, Westphalia Germany At five turbines on site reported to throw ice despite being fitted with ice sensors. Up to 50 pieces of ice found by reporter, to 100m from turbines and across the B473 road. Some sharp pieces of ice reported "rammed into the ground". What would it have done to a person? Rheinische Post Wesel, 13.12.2004. Photos http://members.aol.com/fswemedien/ZZUnfalldatei.htm


331 Blade failure 22/12/2004 Windparks Montjoyer/Rochefort-en-Valdaine France Three blades lost from turbine only 15 days after startup. Following maintenance, the turbine gave out more noise than normal and this got worse over several days. A fire then started. A blade came off approx 1 hour after that, then the second and third blades fell off. Police and fire brigade were called. No-one hurt. A brake fault has been acknowledged - turbine was turning at 50rpm (2 times normal speed). La Tribune Montelimar 30 Dec 2004 Windpower Monthly May 2005 http://members.aol.com/fswemedien/ZZUnfalldatei.htm


333 Miscellaneous 28/12/2004 New Mexico USA 1MW Caprock, Mitsubishi and Texas wind power Company constructing a wind farm of eighty 1 MW turbines near San Jon, New Mexico. On Dec 28, 2004 the subcontractor for erecting the turbines left the site having completed the work. On Jan 2, 2005 the rotor and blade assembly for Turbine #43 broke free from the head and fell to the ground resulting in a total loss of the turbine and damaged the foundation. Subsequently it was found that several other turbines were not correctly assembled and bolted down. Cost $4 million. Legal System Intelligence

334 Miscellaneous 30/12/2004 Paltensen bei Hannover / Niedersachsen, Lower Saxony Germany AT Bonus 1300 Rotor cap reported to fall off the turbine onto the surrounding ground sometime between 20 and 31 December Algemeinen Zeitung from 31.12.2004 http://members.aol.com/fswemedien/ZZUnfalldatei.htm
335 **Fatal** 2004 Hontalbilla de Almazán, Soria Spain Los parques eólicos se convierten en otro escenario de graves accidentes laborales (in spanish - trans. - Wind parks become another scene of serious labour accidents). The article reports the death of Pablo Reymindez Arjón, a wind farm worker at Hontalbilla de Almazán, Soria in 2004. He worked for Gamessa. The company were later fined 30,000 euros for failing to provide appropriate supervision.

336 **Miscellaneous** 2004 Aalborg Denmark Bonus Energy No details of incident. Provision of analysis and advice on damaged component. Location likely to be of AREPA's work. Reported in La Voz de Galicia on 5 February 2009.

337 **Fire** 2004 Hovsøre, Bovlingbjerg Denmark NEG Micon No details of incident. Provision of analysis, advice and restoration to fire damaged component. Location likely to be of AREPA's work.

338 **Miscellaneous** 2004 Brystup Denmark NEG Micon No details of incident. Provision of analysis, advice and restoration to fire and explosion damaged component. Location likely to be of AREPA's work.

339 **Miscellaneous** 2004 Horup Germany Bonus Energy No details of incident. Provision of analysis, advice and restoration to short-circuited component. Location likely to be of AREPA's work.

340 **Fire** 2004 Hedwigkenoog Germany Bonus Energy No details of incident. Provision of analysis, advice and restoration to fire damaged component. Location likely to be of AREPA's work.

341 **Fire** 2004 Silkeborg Denmark NEG Micon No details of incident. Restoration of fire damaged component. Location likely to be of AREPA's work.

342 **Fire** 2004 Hobro Denmark Vestas No details of incident. Provision of analysis, advice and restoration to fire damaged component. Location likely to be of AREPA's work.

343 **Fire** 2004 Søsberaek Denmark Vestas No details of incident. Provision of analysis, advice and restoration to fire damaged component. Location likely to be of AREPA's work.

344 **Fire** 2004 Rosnaes Denmark Alternative Wind Technology No details of incident. Restoration of fire damaged component. Location likely to be of AREPA's work.

345 **Fire** 2004 Silkeborg Denmark Alternative Wind Technology No details of incident. Restoration of fire damaged component. Location likely to be of AREPA's work.

346 **Fire** 2004 Silkeborg Denmark Bonus Energy No details of incident. Restoration of fire damaged component. Location likely to be of AREPA's work.

347 **Miscellaneous** 2004 Meenycat Ireland Bonus Energy No details of incident. Restoration of fire damaged component. Location likely to be of AREPA's work.

348 **Fire** 2004 Silkeborg Denmark LMP Molleservice No details of incident. Restoration of fire damaged component. Location likely to be of AREPA's work.

349 **Miscellaneous** Dec-2004 Middelgrunden, Copenhagen Denmark Transformer failure reported: "The most recent failure occurred in December 2004 on a turbine that Siemens had already retrofitted with a new transformer in December 2001." Windpower Monthly April 2005.


351 **Environmental** 17/01/2005 Schluachtien Hohenzell in the Main Kinzig circle/Hessen Germany 3 x WindWorld 600kW Loss of hydraulic fluid into surrounding ground. Serious concerns over environmental pollution from all three turbines - which have been in place since 1998. Local environmental regulator considering prosecution. (Outcome not known) Detailed local reports and photos from adjoining owners.
352 Blade failure 20/01/2005 Uldby, north of Voedingborg Denmark 100 foot turbine Turbine running out of control (pounding failure) – the three 30m blades broke off with pieces thrown over a large area. Residents evacuated from homes. Luckily no injuries or property damage. Danish TV article - online report. Also second TV report online http://www.tv2regionerne.dk/Default.asp?r=3
353 Blade failure 20/01/2005 Various Denmark In the hurricane that wreaked havoc in Denmark in early January, felling thousands of trees and removing rooftops, the country’s 5400 wind turbines stood firm, although a few suffered rotor or nacelle damage. A 960 kW Vestas turbine suffered most, with one lost blade and another damaged along with the nacelle after it ran out of control Westfalenpost from 1 Feb 2005 and Hagener Stadtanzeiger from 2 Feb 2005.
354 Ice throw 30/01/2005 Bölling bei Datteln, Stadtgebiet Hagen/Westf. in Kreis Hagen, Westphalia Germany WindWorld 600kW Ice throw on January 31st and February 1st. Pieces approx 1.5m x 0.45m thrown 140m. Landed on local road. Traffic now banned which means large detours and loss of amenity. Report from city administration and report plus photos from neighbours http://members.aol.com/fswemedien/ZZJdp/ lldatei.htm
355 Ice throw 01/02/2005 Schlichten-Hohenau/Oberberg in Main-Kinzig-Kreis / Hessen Germany GE 1.5 MW Ice throw on January 31st and February 1st. Pieces approx 1.5m x 0.45m thrown 140m. Landed on local road. Traffic now banned which means large detours and loss of amenity. Report from city administration and report plus photos from neighbours http://members.aol.com/fswemedien/ZZJdp/ lldatei.htm
356 Miscellaneous 01/02/2005 Dorsten-Leimbek by Marl, Westfalia Germany GE 1.5 MW Rotor damage and replacement after only 14 months of operation. Detaled private report and photos. http://members.aol.com/fswemedien/ZZJdp/ lldatei.htm
357 Structural failure 08/01/2005 Vishaldag Lauersosng Holland Lagerwey LW 15/75 Complete rotor collapse during storm Reported in Wind Service Holland, Nieuws - Incidenten (in Dutch) http://home.kpn.nl/windsh/N-incident.html
359 Structural failure 22/01/2005 Wiyaldum above Hartingen Holland Lagerwey LW 15/75 Complete rotor collapse during storm over night of Jan 21/22. A blade was thrown 200m. Reported in Wind Service Holland, Nieuws - Incidenten (in Dutch) http://home.kpn.nl/windsh/N-incident.html
360 Human injury 02/02/2005 Voigtsfel / Th ringen Germany 30-year old mechanic from Helbra injured doing repair work. Injury crushed his foot, he then fell off the turbine top. His life was saved by a safety harness. Arterner fire brigade eventually retrieved him. Thüinger Allgemeine from 3.2.2005 http://members.aol.com/fswemedien/ZZJdp/ lldatei.htm
361 Miscellaneous 02/02/2005 Dorsten-Leimbek bei Marl, Westphalia Germany GE 1.5 MW Complete rotor replacement following problems with Actuators. Turbine only 14 months old Detaled operator reports plus reports and photos from neighbours http://members.aol.com/fswemedien/ZZJdp/ lldatei.htm
363 Miscellaneous 15/02/2005 Maasvlakte Holland Nedwind 62/1.00 Complete destruction of turbine following lightning strike Reported in Wind Service Holland, Nieuws - Incidenten (in Dutch) http://home.kpn.nl/windsh/N-incident.html
365 Fire 26/02/2005 Friedrich-Wilhelm-Lübkekoog - Kreis Nordfriesland/Schleswig-Holstein Germany Enercon E66 Major fire with total loss. Pieces of burning blades scattered over wide area. Fire brigade told local residents to stay indoors and close windows due to poisonous fumes. Fire brigade unable to fight fire due to height, so was allowed to burn out. Mechanics had been working on the turbine before the fire started. Husumer Nachrichten + Nordwest-Zeitung from 28.2.2005 + NordClick http://www.nordclick.de/news/archive/?id=119pi ft71&docid=28search=hulckskoog
366 Blade failure 10/03/2005 Gubbies Pass, Banks Peninsula near Christchurch New Zealand Windflow Technologies prototype Gearbox and main rotor assembly ripped from mountings during a storm. Total loss. Developers “thankful; none of our staff were injured”. This is a test turbine for a proposed 104 turbine development. Two blades were first torn off - the rest followed. Manawatu Standard, 11/3/2005 http://www.nzherald.co.nz/index.cfm?objectid=997456
369 Structural failure 06/05/2005 Weatherford, Oklahoma USA GE Wind 1.5 MW A 390-foot turbine snapped in half and collapsed at a wind farm in Weatherford on Friday. Video coverage reports very light winds at the time. There are 71 x 1.5MW turbines and was only declared operational on April 30 2005 - 6 days before the tower collapse.


370 Fatal 07/05/2005 Marsberg-Brillinghausen - Hochsauerlandkreis, Westphalia Germany 38-year-old male mechanic killed while fixing rotor transmission. He and a fellow worker secured the rotor and began working on it when the rotor turned. He was fatally injured and his colleague also injured. The Dortmund fire brigade rescue helicopter was used as they were at 65m height. The man killed was from Paderborn.

Westfalenpost from 9.5.2005

http://www.rp-online.de/public/article/nachrichten/journal/katastrophe/2005/07/05/12531473.html
http://members.aol.com/fswemedien/ZZUnfalldatei.htm

371 Fire 14/05/2005 Silrup bei Schleswig - Kreis Schleswig-Flensburg/Schleswig-Holstein Germany Fire-brigade unable to fight fire at wind turbine on Saturday evening - due to the height of the fire. The fire was allowed to burn out. The surrounding areas was sealed off to allow burning debris to fall to the ground. The cause of fire as well as the extent of the damage are still unknown.

NDR-Online from 15.5.2005

http://www.ndr.de/ndr_pages_newsartikel/0,2984,20050515122053,NTBNDR_SPV_970,00.html
http://members.aol.com/fswemedien/ZZUnfalldatei.htm

372 Fire 16/05/2005 Wulfshagen/Tüttendorf im Kreis Rendsburg-Eckernförde / Schleswig-Holstein Germany A burning wind turbine caused two million Euro damage on Monday afternoon in Wulfshagen. The cause is not known. Nobody was hurt. The fire brigade could do nothing due to the height of the tower - they sealed the area off to allow burning debris to fall while the fire burned out. A lightning strike at the same site caused a similar fire last year (9.6.2004). Photos are available of both incidents.

Kieler Nachrichten from 17.5.2005

http://members.aol.com/fswemedien/ZZUnfalldatei.htm

373 Fatal 18/05/2005 Crosby County, TX USA Anemometer Local newspaper reports death of crop dusting pilot who flew into an anemometer for a wind farm development. The 400 foot structure had only been recently installed (4 weeks old), and was not fitted with any warning devices. The plane hit a guy rope which sheared off a piece of the wing. The pilot, 55 year old Bill Wade Tidwell, was pronounced dead at the scene. FAA is investigating.

Lubbock Avalanche-Journal, 20 May 2005
Also mentioned in the July/August "Agricultural Aviation" magazine

http://www.agaviation.org/towerreport.htm

374 Blade failure 23/05/2005 Herzfelde im Kreis Märkisch-Oderland/ Brandenburg Germany Vestas Article in Nordkurier showing Vestas workers at Maerckisch Oderland on a lifting platform at 70m height repairing small tears in rotor blades. The article says "They eliminate small tears in the rotor blades formed by weather effects" However - these tears are usually formed by production defects.

Nordkurier, 24.5.2005

http://members.aol.com/fswemedien/ZZUnfalldatei.htm

375 Human injury May 2005 North Hoyle offshore wind farm UK Lost Time Accident - cut head on an open window

North Hoyle 1st Annual Report July 2004 to June 2005


376 Environmental 02/06/2005 Beinhausen bei Kelburg im Kreis Osnabrück, Rheinland-Pfalz Germany DeWind Significant contamination of the site and surrounding ground from leaking oil. Transmission oil leak down the tower and also out across the blades - thrown over a wide area. Leak reported to be 160m from the tower - without taking the scattered oil from the blades into account.

Eifelzeitung Daun from 1 July 2005, with photos

http://www.eifelzeitung.org/kentropc1785 instituted)

377 Blade failure 04/06/2005 Eggstedt im Krais Dithmarschen / Schleswig-Holstein Germany Jacobs 43/600kW Turbine blade was broken off during a storm at Eggstedt. Furthur report will follow. One turbine only in place - operational since April 1998

Sylter Rundschau from 6.6.2005

http://members.aol.com/fswemedien/ZZUnfalldatei.htm
378 Environmental 06/06/2005 Scroby Sands, Norfolk UK Staff at the wildlife hospital at Winterton, Norfolk, say hundreds of seals on Scroby Sands off Great Yarmouth have been so disturbed by the 300-foot turbines there that it is affecting their breeding. Many pups are born dead or abandoned by frightened mums. Jaime Allison, a biologist at the hospital, said: “A definite pattern is emerging. It’s hard not to conclude the wind farm is responsible.” Daily Mirror, 6 June 2005 http://www.mirror.co.uk/health/993106/3585614/Anarchy+and+death+in+windfarm+seal+alert+name_page.html

379 Structural failure 20/06/2005 Saskatchewan Canada Twister wrecks wind power equipment - Cranes and turbine blades damaged by storm at a site in Saskatchewan. The site is under construction and no turbines are yet erected. The Saskpower project is located about 25km south of Swift Current. A 350-tonne, 300 foot crane was toppled. The site was closed at the time of the storm - so no one was hurt. CBC Saskatchewan report, 20 June 2005. With photos and realplayer video http://sask.cbc.ca/regional/servlet/View?filename=wind-power050620


382 Blade failure 28/07/2005 Windy Hill wind farm, Ravenshoe, Cairns, Queensland Australia 66AWS Enercon, installed 1999-2000 “Wind power a lot of hot air”. This week another problem came to light when Stanwell Corporation’s Windy Hill wind farm had a nasty accident. Fortunately, no-one was injured when a massive 22m turbine blade on one of the 20 huge wind turbines spectacularly sheared off. But it must have been extraordinary to see a glass fibre reinforced epoxy blade perched 44m above the ground go for an excursion. Stanwell Herald Sun, 29 July 2005 http://heraldsun.news.com.au/


384 Transport 25/08/2005 Portland, Oregon USA Vestas V90, 1.8MW “Wind turbine still stuck in Portland, Ore tunnel”. An 80-ton wind generator remained stuck Thursday in a heavily used freeway tunnel in North Portland, confounding work crews that suspended efforts to move it after more than 24 hours of trying. The tower slipped off a trailer late Wednesday afternoon as it was being trucked to a wind farm in Eastern Washington, blocking one lane in the tunnel that connects southbound Interstate 205 to eastbound Interstate 84. The tower was manufactured by Denmark’s Vestas Wind Systems, which is assembling 83 wind towers on a farm at Hopkins Ridge in Eastern Washington. The Oregonian, 26 August 2005 http://www.oregonlive.com/commercial/story/5286-9071178.html
A serious accident was avoided last week when a section of wind turbine at least 50 feet long rolled off a lorry that was heading north on the A83 near A’ Chleit on Kintyre’s west coast. The incident happened as the driver in a convoy of two lorries under escort swerved to avoid an oncoming vehicle. Anti wind power campaigners say the incident is the worst in a series of mishaps involving lorries in the area and has highlighted local concerns about the transportation of huge sections of wind turbine from the Vestas factory in Campbeltown along Argyll’s narrow roads.

Rural Community Gateway. Reported on Oct 18th - incident happened the previous week (actual date unknown).

http://www.ruralgateway.org.uk/cgi-bin/item.cgi?id=1069

A truck hauling a wind-turbine platform struck a power pole here, leaving 3,700 residents without electricity, most of them for about two hours. The accident happened after 7 a.m. Saturday Nov 5th at the intersection of Main Avenue and Ninth Street East, knocking out traffic signals at several intersections. Electrical lines were down on Main Avenue and Ninth Street, until a repair crew for Xcel Energy arrived, he said. No injuries were reported. The truck, from DMI Industries of West Fargo, was carrying a wind-turbine tower that protruded from the trailer, striking the utility pole as the truck turned west onto Main Avenue.

Grand Forks Herald, ND, November 7th 2005

http://www.ruralgateway.org.uk/cgi-bin/item.cgi?id=1069

"Man Dies In Wind Tower Fire". Slayton, Minn. A South Dakota man died and two people were injured Friday in a wind tower fire in southwestern Minnesota. The Murray County sheriff's office received a call just before 10 a.m. reporting the fire at a wind tower east of Chandler, Minn., and that one person had fallen. Benjamin James Thovson, 26, of Sioux Falls, S.D., died at the scene. He fell about 210 feet, Deputy Randy Donahue said. The other two were able to climb down and escape, but were taken to a local hospital. When help arrived, Donahue said, "the wind generator was engulfed in flames." The tower is owned by Dean DeGreff, of Chandler, who is part of an eight-person private ownership group called East Ridge Wind Farm. The three people on
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<tr>
<td>29/11/2005</td>
<td>Elgin-Rothes road at Drumbain, less than a mile from Rothes, Moray, Scotland, UK</td>
<td>A huge lorry carrying a section of turbine for a Moray windfarm shed its load in spectacular style. The metal section - around 100ft long and 15ft in diameter - fell from the lorry and rolled down an embankment and 200 yards into a field after the vehicle mounted the verge on the A941 Elgin-Rothes road at Drumbain, less than a mile from Rothes. The lorry toppled on to its side on the road, with part of the articulated bogie coming to rest upside down. 20ft down the embankment. The Danian lorry, which was accompanied by escort vehicles at the front and rear, was on its way to the site of a windfarm which is under development on Paul's Hill at Ballindalloch. The driver of the lorry, a Dane, escaped unhurt.</td>
<td>Olsen Renewables, Legal System Intelligence</td>
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<td>02/12/2005</td>
<td>Lamabee, Iowa, USA</td>
<td>Suzlon vs Anderson Trucking. Damage for the in-transit loss and damage to a nacelle being transported from Barbour's Cut Houston to Bingham Lake, Minnesota. December 2 2005 on Hwy 59 in Lamabee Iowa the carrying tractor left the load and flipped in the adjacent ditch in a single vehicle collision. Claim for $280,000.</td>
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<td>Schaler, Iowa, USA</td>
<td>Two electrical workers were treated and released at Buena Vista Regional Medical Center last week after they were rescued following a fire at one of the MidAmerican Energy turbines just south of Schaler.</td>
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<td>16/12/2005</td>
<td>Simonsberg bei Hausen im Kreis Norfriesland, Schleswig-Holstein, Germany</td>
<td>Turbine housing fire, 40m above ground. Completely burned out. 20m fell off. Rotor blades were torn off and &quot;few through the air&quot;. Parts pierced a garage door and destroyed a car within. Another rotor blade ended in a neighbours garden. The turbine had been in place for 20 years.</td>
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<td>17/12/2005</td>
<td>Lankern bei Dingen, Kreis Wesel, Westfalia, Germany</td>
<td>Ice throw reported from each of the five turbines in the community windfarm Lekum at Lankern. This has happened each year of operation.</td>
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<td>22/12/2005</td>
<td>Woolnorth Windfarm, Tasmania</td>
<td>Two workers reported to be in hospital - injured but stable - following an accident at the Woolnorth Wind Farm, Tasmania, on Thursday Dec 22nd. Reported on Dec 24th. No circumstances of accident or details provided, other than that the two men were working on a wind monitoring tower when the accident happened.</td>
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401 Fire 23/12/2005 Nissan Car Factory, Sunderland, Tyne and Wear, England UK Six x Vestas Turbine fire adjacent to A19 and A1231 roads. 55m high turbine caught fire after work to investigate an oil leak. Both A19 and A1231 roads closed. Fears that the turbine would fall onto the road however luckily it fell into a nearby field. Locals reported to be "terrified" (27/12/05 report). At three bladess burned and fell off. Fire reported in the national press with photos and video. Seven fire engines were in attendance. Operators Nissan quoted as saying "as far as we're aware nothing like this has happened before". Construction started in September 2005 using second-hand Vestas turbines. National ITV and BBC television and radio news. Also Sunderland Echo 24/12/05 and 27/12/2005

http://news.bbc.co.uk/1/hi/england/w

402 Fire 28/12/2005 Oldside, near Workington, Cumbria, England UK VESTAS V42, 600KW, 45m tower, 42m blade diameter, Safety experts were called in to assess damage to a wind turbine which caught fire this morning. The giant structure at Oldside, on the Workington coast, had to be deemed safe by construction specialists. The fire spread from a nearby car, a Ford Fiesta, which had been burnt out. It affected the base of the turbine. Owned and run by E.On. News and Star, 29 December 2005. Also Western Morning News, 7 January 2006

http://www.sunderlandtoday.co.uk/ViewArticl
e2.aspx?id=316168

403 Fire 2005 Donegal Ireland Siemens No details of incident. Provision of analysis and advice on fire damaged component. Location likely to be of AREPA's work

http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

404 Miscellaneous 2005 Silkeborg Denmark Siemens No details of incident. Restoration of water damaged component. Location likely to be of AREPA's work

http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

405 Fire 2005 Tjaereborg, Estjerg Denmark Vestas No details of incident. Provision of analysis, advice and restoration to fire damaged component. Location likely to be of AREPA's work

http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

406 Fire 2005 Windpark Olerese Germany Bonus No details of incident. Provision of analysis and restoration of fire damaged component. Location likely to be of AREPA's work

http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

407 Environmental 2005 Silkeborg Denmark Vestas No details of incident. Provision of advice following contamination of hydraulic oil and damper liquid from the blades. Location likely to be of AREPA's work

http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

408 Fire 2005 Silkeborg Denmark Vestas No details of incident. Restoration of fire damaged component. Location likely to be of AREPA's work

http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

409 Fire 2005 Brânida Denmark Siemens No details of incident. Restoration of fire damaged wind turbine from Japan. Location likely to be of AREPA's work

http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

410 Miscellaneous 2005 Silkeborg Denmark Vestas No details of incident. Restoration of moisture damaged component. Location likely to be of AREPA's work

http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

411 Fire 2005 Silkeborg Denmark Decowicon No details of incident. Provision of advice and restoration of fire and lightning damaged component. Location likely to be of AREPA's work

http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

412 Fire 2005 Thisted Denmark Ebbe Hvelpund Kloster No details of incident. Provision of analysis and advice on of fire damaged component. Location likely to be of AREPA's work

http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

413 Miscellaneous 2005 Silkeborg Denmark Vestas No details of incident. Restoration of moisture damaged component. Location likely to be of AREPA's work

http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

414 Miscellaneous 2005 Scroby Sands UK No details of incident. Restoration of fire damaged component. Location likely to be of AREPA's work

http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

415 Human injury 2005 Scroby Sands UK A2 Sea Ocean Ady (now Sea Energy) Leg damage to jack up barge


416 Environmental 2005 Scroby Sands UK Oil leakage reported


417 Miscellaneous 2005 Scroby Sands UK Replacement of 4 failed generators and 39 failed bearings

418 Miscellaneous 2005 Oak Creek, California USA Oak Creek, California vs Vestas. Since 1999 the NEG Micon gearboxes and other parts have continued to fail. NEG Micon started retrofitting a large number of its wind turbine gearboxes with Flender manufactured ones. This took 2 years to complete. Within this time frame the retrofitted gearboxes began to fail. The Vestas American supplied wind turbine generators do not have an economic useful life of at least 20 years and parts do not have the expected service life as set forth in the DNV Certificate of Design Suitability.

419 Miscellaneous 2005 Foote Creek Wyoming USA Foote Creek, Wyoming vs Vestas re 33 wind turbines from NEG Micon predecessor of Vestas for $26 million. They have experienced “massive” equipment failures. The gearbox, and other major components including the SPIDEX couplers and gear oil pump seals, which are sorely defective, the main bearings and the nose cones. Per contract they are obligated to redesign or remanufacture each and every defective wind turbine or part. Vestas has replaced failed gearboxes with those manufactured by Broek Hansen and Flender, which have an expected replacement time of 5 to 6 years vs 20 on the original gearboxes. Claim $26 million.

420 Miscellaneous 2005 Various Japan Article reports that in 2005, there were 100 cases of malfunctions and accidents reported in a survey of 900 wind turbines

421 Ice throw 2005 Deutsch Mountain test site Switzerland Enercon E-40 94 reported cases of ice throw during winter of 2005/06

Wind Turbine Ice Throw Studies In The Swiss Alps, Cattin et al, EWEC 2007, Milan, 8 May 2007

422 Ice throw 08/01/2006 Fliumer Wind Park, Flisum bei Leer im Kreis Leer, Lower Saxon Switzerland Enercon E66/18.70, hub height 65 m Ice thrown by turbines reported, pieces 20cm thick travelling across and beyond walkways. This was observed by someone who regularly walks in the area. Constructed 2002.

Newspaper: Ostfriesen Zeitung in Leer, 10.1.2006

423 Fatal 10/01/2006 Bording and Karup Denmark NM52-900kW Service engineer Brian Østrup Nielsen, 34, was killed during routine maintenance. The service technicians found that the internal crane used for lifting tools etc. was defective. The technicians chose to use the coupling between the gearbox and the generator as lifting device by fixing a rope to the coupling. The result was that Nielsen was killed on the spot.

Source: Danish Regional News websites and Paul Gipe’s wind energy fatalities database

424 Structural failure 10/01/2006 Emmmoordijk, Zaewolde Holland NM62 900kW Tower bent at angle approx 15m up. Crane removed nacelle and all similar turbines shut down.

Reported in Wind Service Holland, Nieuws - Incidenten (in Dutch)

425 Transport 11/01/2006 Houston, Texas USA Shipper's Stevedoring vs Suzlon. Fire on Jan 18, 2006 damaged a nacelle Port of Houston. The nacelles were being prepared for transport via truck and Shippers Stevedoring arranged for a welder to cut additional holes on the metal shelves attached to the nacelles. When the welder began cutting holes into the second skid the nacelle caught fire and was a total loss.
426 Blade failure 13/01/2006 Cold Northcott, Cornwall, England UK WEG MS-3 350kw "BIG CHUNK OF TURBINE BLADE SHEARS OFF". Part of a wind turbine blade weighing more than half a ton snapped off and crashed into a field during high winds. A chunk of the 18 metre long blade sheared off at the Cold Northcott windfarm on Bodmin Moor at about 5am yesterday. The 21 turbine development straddles a main road - luckily no-one was injured. Blade parts found over 100m away.

Western Morning News, 14 January 2006. Photos also available.

427 Blade failure 14/01/2006 Wolverine Creek wind farm, Idaho Falls, ID USA "TWO TURBINE BLADES SNAP AT WIND FARM" Blades on two turbines at the Wolverine Creek wind farm have snapped, forcing crews to shut them down for repairs. The farm just went into operation a month ago. 122 foot blades. Run by Invenergy

Associated Press, 14 January 2006, 1814 local time. Also Local News 8, ABC (see hyperlink), Jan 15th

428 Blade failure 20/01/2006 Hunsthammerfjellet, North of Trondheim Norway All three blades reported to be ripped off a turbine - parts of which were found 1.3km away

Reported by Namdalsavisa, 3 November 2009

429 Fire 22/01/2006 Lake Bonney wind farm, Tantanoola, South East Australia Australia Vestas $3 million fire at the Lake Bonney wind farm. "Yesterday afternoon's blaze began in a turbine located near Tantanoola. While the flames were initially contained at the top of the structure, falling debris caused the fire to spread to the grass below." A subsequent investigation, Feb 12th "Wind farm fire caused blackout", reported that the fire was too high to fight (67m) despite 6 fire trucks in attendance. A lack of wind combined with a very hot spell resulted in power cuts to 63000 homes just when they needed it for their air conditioning. "The Border Match" reports that 80,000 hectares of the National Park were destroyed.


430 Fatal 23/01/2006 Port Burwell, Ontario Canada Construction accident Accident during transport/construction. Michael Hipson, 42, a crane operator, was drowned near Port Burwell when a road collapsed and the crane he was driving rolled into a ditch. Ontario's Labour Ministry has confirmed.

Local Union newspaper 10/Operator, issue 119, March 2006. Also Paul Gipe's wind turbine fatalities database. Details also available in "Embedding safety into Wind Projects Delivery Process", Mike Boyce, GE, BWEA H&S 07, 26 April 2007, Glasgow UK

431 Fire 24/01/2006 Grömitz im Kreis Ostholstein, Schleswig Holstein Germany Турbine caught fire and burned to the ground on Tuesday Jan 24. The turbine house of the 65 meters of high plant burned completely, and a rotor blade fell down. The fire brigade had no choice but to let the turbine burn down (according to police data). The police estimate the damage to property is approx. two million euro. The cause of fire is unknown.


432 Transport 13/02/2006 Houston, Texas USA GE vs Industrial Terminals. GE purchased turbine blades from Brazil. On Feb 13, 2006 the blades were delivered to the M/V BILUGA ENDEAVOUR in Santos Brazil for carriage to US. The vessel arrived in Houston and discharged the cargo to the IT Terminal. 12 hrs after discharge about 9 turbines were found to be damaged. Claim $250,000.

Legal System Intelligence

433 Blade failure 17/02/2006 Searsburg, Bennington, VT USA 11 x 550kW turbines Half of one 63-foot blade lost during a storm. No comment on how far blade pieces travelled. Operational since 1997. A spokesperson for Green Mountain energy confirmed that "since 1997 lighting has destroyed at least one other blade". We know that 9 other blades have been replaced due to lightning damage - 8 during May 1998 and one damaged in January 2000.

“Turbine blade flies off the handle”, Bennington Banner, Tuesday, Feb 21st 2006
434 Human injury 18/02/2006 Buchbunn, Würzburg, Bavaria Germany 107 m height A technician was badly injured on Feb 18th in an accident at the top of a turbine tower. Cause unknown. He had to be attended to in the tower then lowered 107m to the ground by the local Fire Brigade. The emergency services call was made at 1900. The rescue took over 2.5 hours. It was after 2100 when the injured man eventually reached the ground. He then hospitalised. Mainpost Kitzingen dated 20.2.2006

435 Structural failure 21/02/2006 Wachusett Wind Site, Princeton, MA USA 120 foot tower "Windmill topples on Wachusett Mountain - Remaining turbines to be removed" "I drove by Westminster Road and counted only six towers, so I walked up to the site to look and that's when I discovered one of the towers had fallen over and landed on our storage garage," said the man who found the accident. Previous topples reported in 2002 and 2003. Reported on March 30, 2006 by Phyllis Booth in The Landmark

436 Environmental 03/03/2006 Alagot Provinsa Spain Oil leak with photos Safety of Wind Systems, M Ragheb, 3/12/2009

437 Structural failure 28/03/2006 Den Haag Holland Lagenwey LW 18/80, 31M tower Complete collapse of turbine tower Reported in Wind Service Holland, Nieuws en Informatie (in Dutch)

438 Environmental 31/03/2006 Smola Norway "Concern Over Eagle Kills In Norway" - Discovery by British bird group. The discovery offour mangled white-tailed eagles over a four-month period at Norway's largest wind power station at Simola is causing international concern among bird protection groups worried about future wind power developments and the fate of sensitive bird populations. Wind Power Monthly, March 2006

439 Miscellaneous March 2006 Athol, Northumberland, England UK 96.7 MVA turbines on the two turbines off Cambois, Northumberland have not turned since March 2006, when the seabed cable connecting them to the mainland snapped. Reported In The Journal on 23 December 2008

440 Fire 10/04/2006 Galicia Spain "Fire destroys wind generator at A Caopedela". (in Spanish) La troz de batxica, 10 April 2006

441 Structural failure 24/04/2006 Montana USA 10 KW turbine on a guyed 100 ft lattice tower fell. A cotter pin that formed part of the support failed causing a guy wire to fail and tower falling over. Private HSE Communication

442 Blade failure 24/06/2006 Lake Benton, MN USA High winds caused the blade of a wind turbine to snap west of Lake Benton, Minn. Rapid City Journal, dated weds June 28th 2006

443 Fire 26/06/2006 Tehachapi, CA USA "Highs tail Creek Pass". The fire was caused by burning debris from a wind turbine that caught fire due to a malfunction. Flames that marched across the hills of Oak Creek Pass on May 26 brought firefighters from several jurisdictions to battle the area’s first large-scale fire of the season. They fought the fire until May 28, when it was eventually defeated, destroying 787 acres.

444 Miscellaneous May-2006 Oregon USA Generator bearings failed 11 months after tower was first brought online. The bearings were replaced, but failed five months later, then again 11 months later (September 2007). New bearings installed then prevented further failure. "Bearing Failure Prevented at Oregon Wind Farm" http://www.powerengnewsworldwide.com/index.dsp?/display/399449/articles/power-engineering/volume-113/issues-3/departments/field-notes/bearing-failure-prevented-at-oregon-wind-farm.html

445 Fatal 01/08/2006 Palm Springs, CA USA Operator/technician was found hanging inside the wind tower sometime during 2006 before April 17th 2006 (Gipe database date) Apparent suicide. No further details. Paul Gipe’s wind industry deaths database http://www.wind-work org/articles/BreathLife.html
446 Fire
18/06/2006
Madurai, Chettikulam
India
"Fire in Chettikulam wind-power unit". A big fire broke out at a 2MW wind-power unit at Chettikulam in Tirunelveli district, reportedly the biggest in Asia. Police said the wind turbine generator of the unit exploded and caught fire. The splinters from the turbine, located a few kms from the Koodankulam Nuclear Power project site, spread over one sq km after the explosion.
Reported on June 19, 2006 in newKerala.com
http://www.windaction.org/news/3531

447 Human injury
June 2006
North Hoyle offshore wind farm
UK
One minor injury and one near miss reported during the year.

448 Blade failure
02/07/2006
Oldside, near Workington, Cumbria, England
UK
THE blade of a wind turbine disintegrated and fell 200ft after being struck by lightning near Workington. Police cordoned off the area after the incident amid fears that more debris could fall from the turbine at Oldside. A member of the public, who witnessed the spectacular lightning strike earlier this month, alerted police. Sgt Peter Garforth said: "The blade was made of fibre glass. If anyone had been underneath it, they could have been sliced into pieces. "There were some bits that fell off that were a couple of feet across. We put a cordon around to make sure no one walked under the turbine. The windfarm is on an isolated piece of ground often used by dog walkers during the day. The 21-metre long blade was struck at around 11pm on July 2.
Evening News & Star, 27 July 2006

449 Miscellaneous
06/07/2006
Pevolanda
Holland
Notwind
Complete destruction of turbine following lightning strike. The tower was fitted with a lightning conductor which did not work.
Reported in Wind Service Holland, Nieuws - Incidenten (in Dutch)

450 Environmental
21/07/2006
Berkshire, MA USA
"Wind project cited for erosion". The Berkshire Wind Power Project has been cited, but not fined, by the state Department of Environmental Protection for failure to maintain erosion controls at the project site.
July 21, 2006 by Shaw Israel Izikson, North Adams Transcript in Berkshire Eagle
http://www.berkshireeagle.com/localnews/ci_407779
http://www.windaction.org/news/4061

451 Environmental
01/08/2006
Woolnorth Farm, Tasmania
Australia
"Eagle put down after wind farm accident". A wedge-tailed eagle was put down after colliding with a wind turbine. Confirmed by the turbine owners "Roaring 40s", who also confirmed that this was the third endangered eagle this year to be killed by one of their turbines.
ABC News online, Tuesday Aug 15th 2006

452 Structural failure
15/08/2006
Hedingshan wind farm, East China's Zhejiang Province
China
Longyuan Electric Power's coastal 15.85 MW Hedingshan wind farm in East China's Zhejiang Province suffered heavy damage after being swept by Typhoon Saomai and winds of 67 m/s in mid August. Eight of the 28 turbines installed barely survived.
Windpower Monthly November 2006

453 Structural failure
15/08/2006
Cangnan Wind Farm
China
Super Typhoon Saomai almost destroyed the coastal Cangnan Wind Farm in August 2006, damaging 20 of its 28 turbines. "We may boldly develop offshore wind farms in coastal areas to the north of the Yangtze River estuary, considering the present technological levels. But we must take great care to develop offshore wind farms to the south of the Yangtze River estuary, because of the typhoons," says Wu Yundong, general manager of Zhejiang Haoyi Wind Energy Development.
Windpower Monthly October 2006

454 Fire
17/08/2006
Anorias in Pétrola, Albacete
Spain
"Eighty hectares burn". A wind turbine at Anorias in Pétrola began to burn at 4pm, causing a forest fire in the place known as the Cord. Apparently this is the second such incident.
August 17, 2006 in THE VERDAD/ALBACETE
http://www.averdad.es/diarioatlas/p060817/elpetrola/noticias/Albacete/20060813/ALBREG220.html
http://www.windaction.org/news/4479
455 Transport 24/08/2006 Portland, Oregon USA Vestas vs Wilhelm Trucking. On 24 Aug 2006 the tractor and trailer transporting the Nacelle from Vancouver Washington was involved in a single vehicle accident in a tunnel near Portland Oregon. The trailer tipped and the nacelle fell off the trailer sustaining significant damages. It was determined that the trailer was not sufficient for the load. Claim $800,000 plus.

456 Human injury 25/08/2006 Beatrice Oil Field, Highlands, Scotland UK 5MW prototype ‘Windfarm project worker loses leg after accident’. A British man in his 40's had his leg amputated after suffering serious leg injuries in an accident on a barge towing a giant wind turbine to a North Sea oilfield on August 25. He was working on the Talisman/SSE project at the Beatrice field. Talisman is helping HSE with inquiries. The man was airlifted to Raigmore Hospital inverness at the accident.

457 Blade failure 03/09/2006 Herzogenrath-Markstein in Kreis Aachen, Aachen, NRW Germany Nordex N90, 2.3MW, 150m hub, 90m diam rotor, 145m total height The original police message reported a loose turbine blade around 1520. The turbine is located very close to federal highway 221 between the villages of Alsdorf and Boschelin (Osbach-Palenberg). The loose blade struck the tower, showering highway 221 with debris up to 100m. The road and area around the damaged turbine were closed. The operator did not shut down the turbine until 1700, after which the highway was cleaned and reopened. Why the blade became lose remains unknown.

458 Transport 11/09/2006 Beatrice Oil Field, Highlands, Scotland UK 5MW prototype ‘Giant Turbine Blade Is Damaged’. An accident involving a crane damaged the blade of one of the two giant turbines being assembled at Nigg in Easter Ross, Highland. A spokesman for Talisman Energy claimed that it was superficial damage only and that no delay to the project had occurred. Talisman also blamed the weather - a statement they later retracted as it occurred on a very calm day. To date (January 2007) the second turbine remains at Nigg, unoperational.


460 Fire 21/09/2006 Pedregal Hills, Esteiro, Muros, Galice Spain Turbine failure started a forest fire about 4pm. High winds resulted in destruction of between 80 and 100 hectares of scrub forest, oak and pine.

461 Blade failure 01/10/2006 Jawo Konstrukt of Wesseling at a site near Herzogenrath Germany Repower Systems 2 MW turbine ‘Repower 2MW wind turbine loses blade tip’. A Repower Systems 2 MW turbine, newly installed near Herzogenrath, lost a blade tip during high winds in early September requiring a main road to be closed for several hours “The fault appears to have been in the charger for the batteries operating the blade brakes and the sensor system that should have signalled that the batteries were not charged.”

462 Fire 03/10/2006 Wabensulm Forder by Brinden in Ostfriesland Niedersachsen Germany Enercon E66, 1.5MW, 85m hub, 60m diam rotor Fire fighters arrived at 230 am but could do nothing. Two of the blades fell turning to the ground. Fire brigade sealed off the site and allowed it to burn out.
463 Blade failure 06/10/2006 St. Thegonnec, Pleyber Christ, Finistere, Brittany France 300kW Whole blade detached and fell in windless conditions between Friday night and Saturday morning. The third incident here - two previous incidents in 2004. Blade measures 10m and weighs 2.3 Tonnes. A second blade was damaged by the falling blade. The public prosecutor of the court of Morlaix, Laurent Fichot, has opened a criminal investigation for "endangering the lives of others". Ouest France, 8 and 9 Oct 2006. Movie is also available online from FR3.

464 Transport 06/10/2006 Scroby Sands, Norfolk, England UK Vestas "Barge smashes into wind turbine". Vital maintenance work on Scroby Sands windfarm, off the Norfolk coast, has been interrupted after an accident involving the giant jack-up barge Sea Energy. While manoeuvring off the Yarmouth coast on Friday, one of the vessel's huge legs, which provides a stable working platform by anchoring itself to the seabed, clipped a blade on one of the 30 turbines. Windfarm owner E.ON UK and the Health and Safety Executive immediately launched a full investigation into the incident that has put the turbine out of action. Company spokesman James Majid said: "It was only a light touch but about 20cm was broken off the tip of the 40m blade.

465 Miscellaneous 13/10/2006 Barrow offshore wind farm UK Whilst lifting hoses for a generator gear box oil change from the vessel Amstelstroom up to the nacelle on WTG D5, the deck winch blocked. The chain failed and dropped, 80% landed in the sea and 20% landed on the deck of the vessel. Barrow 1st Annual Report June 2006 to June 2007

466 Fire 16/10/2006 Hsinchu County, west coast of Taiwan. Taiwan Gamsea, 67m tower "Taiwan Power Co seeks investigation of wind-turbine fire". The Taiwan Power Co (Taipower) has asked Spain's Gamesa to investigate the cause of a fire that destroyed a Gamesa-built wind turbine. "We have asked Gamesa to send technicians to Taiwan to investigate the cause of the fire," Chen Wu-hsing, director of Taipower's Wind Power Department, told reporters after Monday's blaze. "Preliminary investigation points to the generator's overheating as the cause of the fire." Six turbines are located at the site - they were still undergoing commissioning.


468 Transport 26/10/2006 North Sea, off Scotland UK Parts for 3 x 1.3MW turbines "Wind Turbine tower lost overboard". Parts of a tower were lost overboard from a ship in the North Sea, on its way from Denmark to Lewis on the German-registered "Lass Moon". BBC News online 26/10/2006


470 Blade failure 31/10/2006 Lake Wilson, Minnesota USA Suzlon S88 Two complete blades photographed thrown from turbine in September and November 2006

471 Blade failure 01/11/2006 Aschenstedt in Landkreis Oldenburg/ Niedersachsen Germany Vestas "Village of Aschenstedt in Oldenburg has a luck escape". During a storm a 10m long piece of rotor blade was torn off. The main piece of blade travelled approx 200m before landing in a field. "Very lucky escape for the village. Vessla claim that the accident was "unexplainable" and the "first time". Photograph available online
<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Type</th>
<th>Event Description</th>
<th>Source</th>
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</thead>
<tbody>
<tr>
<td>11/11/2006</td>
<td>Upper Ballinderry, Northern Ireland</td>
<td>Blade failure</td>
<td>A farmer from Upper Ballinderry has told how the massive blades of a wind turbine installed on his land came loose and flew over his house before crashing to the ground. &quot;It was three days after the turbine was installed that it happened,&quot; said Mr Hayes. &quot;It was really the first day there had been any real wind since it had been set up. The wind got up and the rotors came off the tower.&quot; The blades, which have a diameter of 10m, flew off and the tail swirled in the wind. &quot;I was about 50m away when it came off and it flew right over the farmhouse,&quot; he said. There were three blades in the rotor and they each went in different directions. &quot;They travelled about 200m and for 10 minutes the tail of the turbine was spinning around on top of the tower. &quot;I had no idea where it might have gone next but it just landed next to the tower. I was shocked by the whole incident as I had been out in the yard shortly before one of the blades landed there.&quot; Mr Hayes said he has only gone public after 18 months because he does not feel the problem is being resolved by either the supplier or the Department of Agriculture.</td>
<td>Reported in Belfast News Letter on 17 June 2008 and in Belfast Telegraph on 18 June 2008. Confirmed by private communications with reporter Linda McKee and with Ulster Farmers Union.</td>
</tr>
<tr>
<td>16/11/2006</td>
<td>Locust Ridge I Wind Farm, Pennsylvania</td>
<td>Miscellaneous</td>
<td>Chain lifting hoist deposited excess chain in bag that could easily tip and pour the chain out onto personnel below. Electric hoist system where the chain exited the collection bag, fell through the access door, struck and damaged a hydraulic pump being raised from the ground and then continued to fall, striking the wind turbine’s lower tower entry door.</td>
<td>Legal System Intelligence</td>
</tr>
<tr>
<td>20/11/2006</td>
<td>Black Mountain, Dresden, Washington County, NY</td>
<td>Structural failure</td>
<td>Hikers on Black Mountain reached the fire tower at the summit earlier this month to find a 60-foot wind turbine lying in the snow. The State Police own the turbine. Spokeswoman Maureen Tuffsy said it fell because a guy wire gave way when a bolt sheared off. She said it might be spring before the turbine is fixed.</td>
<td>Reported in Times Union on Nov 20th 2006 [1]</td>
</tr>
<tr>
<td>27/11/2006</td>
<td>Scroby Sands, Norfolk, England</td>
<td>Human injury</td>
<td>Scroby Sands windfarm was shut down following electrocution of a worker. A spokesman for the East of England Ambulance Service said they were called to North Denes Road, Yarmouth, at 9:53am on Monday, November 27 after the 22-year-old engineer suffered an electric shock. He was taken to the James Paget University Hospital in Gorleston. The problem at Scroby is the latest setback to hit the £75m windfarm, which became one of the UK’s first commercial offshore wind farms when it was built in 2004, but the government’s first annual report painted a very different picture with the turbines generating only a fraction of the power they were meant to. The DTI report showed the wind farm was riddled with mechanical problems which lowered production.</td>
<td>Reported on December 9th by Norwich Evening News 24.</td>
</tr>
</tbody>
</table>
Blade failure 01/12/2006 Kansas USA

"Tornado trouble at construction site -- A lesson from Kansas winds" A routine wind plant installation in America's heartland took an unnerving hit recently from a small tornado, which whipped through the construction site and damaged blades waiting for installation. The same aerofoil properties designed to capture wind energy allowed the twisters' 70 mile-per-hour (31 m/s) winds to scatter as many as ten blades around the site, including one that was moved as much as 55 metres and had to be replaced.

Windpower Monthly December 2006

Blade failure 01/12/2006 Pavillion, Genesee County, NY USA

140 ft domestic tower

All three fibreglass blades ripped off by winds. Windspeed estimated to be 89mph. Officials reported that residential wind turbines are supposed to withstand winds up to 90 miles an hour, and speculated that Steve Rigoni's turbine blades might have had some kind of manufacturing defect. Blade pieces scattered well outside owner's property.

Confirmed on WIVB News 4 on December 4th, reported online on Dec 5th

Blade failure 04/12/2006 Bondues, Lille France

Complete collapse of 30m high turbine tower in approx 90km/hr wind, luckily in a car park which was unoccupied at the time. This was in the industrial park of Bondues close to Lille in NW France. Photographs available online.

Confirmed on French television

Structural failure 08/12/2006 Mehring in Kreis Trier-Saarburg, Rheinland-Pfalz Germany

Enercon E70, 2.0MW, 113m high

Message: a 35m long piece of rotor blade broke in strong wind. Mehring circle and adjacent road was closed. The police communicated that the blade splintered into many parts, which were scattered over a wide area. Luckily no-one was hurt. A later message confirmed that a driver informed the police that the turbine had been turning very fast prior to the accident. Extent of property damage unknown.

Police broadcast message from SWR4 at 1100 on 8 Dec 2006

Blade failure 08/12/2006 Clarion, North Iowa USA

School turbine 150kW

CLARION: The school's wind turbine collapsed December 8 about 7 a.m., knocking down a power line and causing school to be cancelled for the day. A school official said the likely cause was a broken brake which allowed the giant propeller to turn too fast. Then, a tip broke off one blade causing the generator to run out of balance. This stressed the tower and the structure eventually came down. No injuries. "Even at 7 in the morning, we have a number of kids in school," said Robert Olson, superintendent for the Clarion-Goldfield Community School district. "There were some students that were weight-lifting (and) they were close...."

Reported by Belmont Independent News, Dec 21st. Also the Fort Dodge Messenger

Structural failure 08/12/2006 Clarion, North Iowa USA
481 Blade failure 10/12/2006 Deanburn Primary School, Bo'ness, West Lothian, Scotland UK

1 MW, Proven Energy light industrial turbine.

"Alert After Turbine Breakdown". Heavy Part drops from above school grounds. A Scots wind turbine firm has put out an alert after part of a turbine fell off at a school. Proven Energy has ordered the shutdown of 30 of its latest turbine type at locations as far afield as Italy and Orkney. Gordon Proven, managing director of the manufacturer in Stewarton, Ayrshire, says the action follows an incident at Deanburn Primary in Bo'ness. Last month the revolutionary eco-friendly school lost its green energy supply after a damper, used to control the blades, came off when bolts broke. The three-inch-square part, weighing several kilos, plunged to the ground, luckily outside school hours when there were no children around. The three blade 15 kilowatt turbine is in use in various other places, around eight in Scotland. Locations include a school in Yorkshire, farmland in Orkney and Cornwall, and an estate in the Stranraer area. The actual event happened in November.

The Sunday Post, 10th December 2006

482 Fatal 13/12/2006 Falls Township, Bucks County, PA USA

"Truck-loading accident costs worker his life". An Illinois man died Wednesday morning at a Trenton hospital after losing most of his left leg Monday during an industrial accident in Falls, officials said. Reginald Magelitz, 59, of Florence, Ill., was helping his partner of 15 years, William Fisher, 38, of White Hall, Ill., direct a tractor-trailer out of Gamesa Wind in the U.S. Steel complex when the 50-wheeled trailer severed Magelitz's left leg and crushed his right leg, according to police.

Reported in The Intelligencer on 14 December 2006

483 Miscellaneous 18/12/2006 Lee/LaSalle County windfarm, IL USA 2 MW Gamesa

"Crane crashlands at windfarm". A crane was lifting a turbine off a truck when the boom folded over. "It was an unfortunate accident," GSG Wind Energy vice president Bruce Papiech said. There were no injuries. Part of a 40-turbine, 80WM development.

Reported by NewsTribune online Dec 20th, and also by Industrial Wind Action Group Dec 21st

484 Human injury 19/12/2006 Johnstown, Cambria County, PA USA Gamesa

"Man rescued from Cambria County Wind Turbine accident". A worker was severely hurt at a Gamesa wind farm after being trapped more than 200 feet atop a wind turbine. Emergency officials said the employee was airlifted to Memorial Medical Center. A subsequent report "OSH investigating construction accident" reported that construction worker Jeff Davis suffered a cut to his leg, after he and his colleague were caught in the blades of a Gamesa G80. Emergency workers and a construction worker were taken to hospital. A company official said Davis was flown to a hospital for treatment.

Industrial Wind Action Group Dec 19 and 20, plus WJAC TV. Another source says that the man's leg was severed from the knee down.

485 Ice throw 28/12/2006 Schauenburg-Meisthamen im Landkreis Kassel, Hessen, Lower Saxony Germany

Ice throw reported from new turbines approx 100m high. Ice sensors were not working properly, and pieces of ice 3-4 cm in size were reported being thrown, distance not reported.

Source of information was the wind power station managing director, Hans-Heinrich Berghofer. Report on Baunatal online, dated 30 Dec 2006

486 Miscellaneous December 2006 Melancthon I wind project Canada Ice throw reported and the turbines closed for nine days as a result.

Reported in Orangeville Citizen on 3 March 2009

487 Human injury 2006 Kentish Flats offshore wind farm UK Vestas V90 3MW

Medical treatment injury reported - injury to Boat Skipper.

Reported in Capital Grant Scheme for Offshore Wind, Kentish Flats Offshore Wind Farm, Annual Report January 2006 – December 2006

488 Miscellaneous December 2006 Kentish Flats offshore wind farm UK Vestas V90 3MW

Ice throw reported and the turbines closed for nine days as a result.

Reported in Orangeville Citizen on 3 March 2009

489 Human injury 2006 Kentish Flats offshore wind farm UK Vestas V90 3MW

Medical treatment injury reported - injury to Boat Skipper.

Reported in Capital Grant Scheme for Offshore Wind, Kentish Flats Offshore Wind Farm, Annual Report January 2006 – December 2006
488 Human injury 2006 Kentish Flats offshore wind farm UK Vestas V90 3MW Three further minor injuries reported during the year. None were LTAs or RIDDOR reportable.

489 Miscellaneous 2006 Kentish Flats offshore wind farm UK Vestas V90 3MW Two items reported dropped by crane while lifting - into the sea or onto the boat deck.

490 Miscellaneous 2006 Kentish Flats offshore wind farm UK Vestas V90 3MW 12 out of 30 gearboxes failed and had to be replaced during the year.

491 Miscellaneous 2006 North Hoyle offshore wind farm UK Various major components failed throughout the reporting year.

492 Miscellaneous 2006 Scroby Sands offshore wind farm UK Failures on 3 outboard intermediate shaft bearings, 9 high speed shaft bearings and 8 generators. One of the transition joints connecting the submarine cable to land had to be replaced.

493 Human injury 2006 Scroby Sands offshore wind farm UK Lost Time Injury - Technician tore a calf muscle whilst lowering a navigation lighting pole.

494 Human injury 2006 Scroby Sands offshore wind farm UK Medical Treatment Injury - A ground worker received a superficial burn to the right forearm whilst working in an excavation.

495 Human injury 2006 Scroby Sands offshore wind farm UK Six other minor injuries plus four near misses also reported.

496 Environmental 2006 Scroby Sands offshore wind farm UK A hose failed on an oil pump resulting in a maximum of 25 litres of gearbox oil being released into the sea.

497 Miscellaneous 2006 South Ayrshire, Scotland UK Siemens No details of incident. Provision of analysis, advice and restoration of water damaged component. Location likely to be of AREPA's work.

498 Miscellaneous 2006 Silkeborg Denmark Siemens No details of incident. Provision of advice and restoration of coolant damaged component. Location likely to be of AREPA's work.

499 Fire 2006 Smøla Norway Siemens No details of incident. Provision of analysis, advice and restoration of fire damaged component. Location likely to be of AREPA's work.

500 Miscellaneous 2006 Store Bronndum Denmark Vestas No details of incident. Provision of advice and restoration of fire damaged components. Location likely to be of AREPA's work.

501 Fire 2006 Uihusishal Austria Vestas No details of incident. Provision of analysis and advice on fire damaged components. Location likely to be of AREPA's work.

502 Miscellaneous 2006 Silkeborg Denmark Wima Solus No details of incident. Restoration of water damaged components. Location likely to be of AREPA's work.
<table>
<thead>
<tr>
<th>No.</th>
<th>Event Type</th>
<th>Location</th>
<th>Details</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>505</td>
<td>Structural failure</td>
<td>Wahrenbrück, Elbe-Elster district</td>
<td>Windmill loses its nose! 2 meter section reported to have fallen 10m to the ground in Wahrenbrück (Elbe-Elster district).</td>
<td>Reported in <a href="http://www.bild.de/BTO/news/leser-reporter/artikel/2007/01/windrad/windrad-unfall.html">BILD 12 January 2007</a></td>
</tr>
<tr>
<td>506</td>
<td>Fire</td>
<td>Melle-Riemsloh im Landkreis Osnabrück, North Rhein-Westphalia</td>
<td>Sudwind S-77, 1.2MW A lightning strike caused a fire which completely destroyed the turbine and scattered burning debris over a wide area, causing secondary fires. These were reported by over 50 people. Fire fighters were not able to fight the fire due to the turbine height, so the area was sealed off to allow the fire to burn out. Police estimate damage at 1M Euro. A photo showing the scatter of burning debris is available via the url (right). Reported on January 11, 2007 in <a href="http://www.asahi.com/english/Herald-tribune/A0200418.html">Herald Tribune/Asahi</a>.</td>
<td>Reported in <a href="http://members.aol.com/fswemedien/ZZUnfalldatei.htm">Newspaper Neue Osnabrücker Zeitung 02.01.07. Also reported by police</a></td>
</tr>
<tr>
<td>507</td>
<td>Structural failure</td>
<td>Iwaya Wind Farm, Higashidori</td>
<td>Vestas Wind turbine topples over: Question is why? HIGASHIDORI, Aomori Prefecture–The industry ministry Wednesday said it is trying to determine what caused a 68-meter-high wind turbine to collapse earlier this week since strong winds apparently were not blowing at the time. The incident at the Iwaya Wind Farm in the Iwaya district of Higashidori in this northern prefecture is thought to have occurred late Monday, according to officials of Eurus Energy Holdings Corp., which manages the wind farm. While no one was injured, the incident resulted in temporary power outages to homes in the area because power lines were severed.</td>
<td>Reported on January 11, 2007 in <a href="http://www.asahi.com/english/Herald-tribune/A0200418.html">Herald Tribune/Asahi</a>. <a href="http://www.windaction.org/news/7298">http://www.windaction.org/news/7298</a></td>
</tr>
<tr>
<td>508</td>
<td>Fire</td>
<td>Kalin bei Falkenrehde im Landkreis Markisch Havelland, Brandenburg</td>
<td>Germany Fire at Kalin I wind park. Cause unknown. Fire crew could not fight the fire due to the height, and sealed the area off. No one injured, wind tower destroyed.</td>
<td>Reported in newspaper <a href="http://www.maerkischeallgemeine.de/cms/beteiligte/108642717156/">Märkische Allgemeine</a></td>
</tr>
<tr>
<td>509</td>
<td>Blade failure</td>
<td>Walpole Cross Keys, Norfolk, England</td>
<td>UK Too windy for a turbine*. Winds blew a wind turbine blade into the conservatory of a West Norfolk home on Thursday. Torrential rain storms and gale-force winds caused havoc across the country, but in Walpole Cross Keys one couple were stunned when a five-foot blade from a wind turbine smashed into their conservatory.</td>
<td>Reported in <a href="http://www.lynnnews.co.uk/ViewArticle2.asp?SectionID=991&amp;ArticleID=1968999">Kings Lynn Today News, January 12 2007</a></td>
</tr>
<tr>
<td>510</td>
<td>Structural failure</td>
<td>Windpark Raden im Kreis Steinburg, Schleswig-Holstein</td>
<td>Germany HSW 100 Police message reads: A fifth high wind turbine completely collapsed tonight (13.1.2007) in the Raaden windpark at 25584 Bessdorf. A nocturnal storm may be to blame. The tower fell in a northeast direction. The turbine was completely destroyed. No one was injured, but there was spillage of a large quantity of transmission oil, which had to be specially treated and cleaned up. The Bessdorf fire-brigade and the Wilster police managed the incident. (Approx translation)</td>
<td>Information from police headquarters at Itzehoe.</td>
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<td>Date</td>
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<td>Turbine Type</td>
<td>Details</td>
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<td>18/01/2007</td>
<td>Sutton Elms, South Leicestershire, England</td>
<td>3-blade turbine, 1.4m rotor diameter, 5m tower on top of 2m portacabin</td>
<td>Installed and operational from July 2006. All three blades ripped from test turbine during storm. Pieces of turbine blade found 36m away. The turbine sits atop a portacabin-type office, which was hit by several pieces of turbine. One fragment six inches long weighing about a pound had gone through the roof of our outside office - through the outer and inner aluminium skin (plates an eighth of an inch thick with honeycomb insulation between) and embedded itself in the wall (three-quarter inch ply). Imagine if the roof was plastic, with people sitting underneath. They would have had no chance.* Owners plan to install a new turbine in summer.</td>
<td>Source is an eye witness account from two individual neighbours.</td>
</tr>
<tr>
<td>20/01/2007</td>
<td>Scheid bei Kronenburg im Kreis Daun, Rheinland-Pfalz</td>
<td>3-blade turbine, 1.4m rotor diameter, 5m tower on top of 2m portacabin</td>
<td>During a storm a rotor blade broke off. Parts were thrown about 100m. The turbine stands directly beside an access road used by walkers, the post office, milkman and garbage disposal.</td>
<td>Source is an eye witness account from two individual neighbours.</td>
</tr>
<tr>
<td>24/01/2007</td>
<td>Forss, Caithness, Scotland</td>
<td>Bonus A/S 1MW</td>
<td>“Buzzard killed by wind-turbine blade” A bustle of shocked nuclear workers witnessed the death of a buzzard after it flew into one of the wind turbines at Forss on Wednesday. The loss of the adult bird, which is a protected species, has been notified to the Royal Society for the Protection of Birds. The demise of the buzzard was seen by a group of workers travelling between New Park business park at Forss and the neighbouring site at Dounraay at lunchtime on Wednesday. The buzzard was one of a pair, with its local nest also including a nine-month-old fledgling. No one from Renewable Energy Systems, which runs the Forss site, was available for comment.</td>
<td>Report in John O’Groats Journal, 26th Jan 2007, plus the Aberdeen Press and Journal.</td>
</tr>
<tr>
<td>24/01/2007</td>
<td>Barrow offshore wind farm</td>
<td>3-blade turbine, 1.4m rotor diameter, 5m tower on top of 2m portacabin</td>
<td>Whilst using the davit on the transition piece the shackle pin (50g) on the davit itself came loose and fell approximately 10m on to the vessel below.</td>
<td>Barrow 1st Annual Report June 2006 to June 2007.</td>
</tr>
<tr>
<td>28/01/2007</td>
<td>Fenner Wind Farm, Madison County, NY</td>
<td>GE Wind Energy 1.5MW turbines, operational from Nov 2001</td>
<td>Photograph only available (see url). The photo is taken at Fenner Wind Farm on Sunday, January 28th at 2 p.m, during snow. The tower was on the left side of Mile South (7?) Road. Eyewitness account states &quot;Half the wind turbines were turning, the rest were not. The only thing that drew my attention to the site was the crane. As I looked closer, the blade at 5 o'clock is sheared off, what appears to be either material failure, lightning. I don't know. But I did a quick search on the web for any news on it and found none.&quot;</td>
<td>Reported on Industrial Wind Action Group website, see url to right for reference.</td>
</tr>
<tr>
<td>28/01/2007</td>
<td>Testorf im Kreis Nordwestmecklenburg, Mecklenburg-Vorpommern</td>
<td>3-blade turbine, 1.4m rotor diameter, 5m tower on top of 2m portacabin</td>
<td>Storm reported to have destroyed the three blades on one of the Lütbuscha turbines. One of four installed and operational since 1998.</td>
<td>Reported in newspaper SVZ / Gadebusch- Renaher Zeitung, published 31.1.2007.</td>
</tr>
</tbody>
</table>
**517 Miscellaneous**

29/01/2007  
Horne Bay, Kent, England  
UK  
Vestas V90/3.0, 70m tower, 90m diam, operational since August 2005  

"Gearbox fault halts wind turbine" Repair work is due to begin this week on a wind farm off the coast of Kent which has seen a third of its turbines grind to a halt since early December. Of the 36 turbines erected off Horne Bay - on the Kentish Flats - 12 have experienced gearbox problems. Four have been repaired but the others have been running at reduced efficiency pending a break in the weather. The Danish firm Vestas, which owns and maintains them, said the high failure rate was unusual.

Reported on BBC online 29 Jan 2007  
http://news.bbc.co.uk/1/hi/england/kent/6309931.stm

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**518 Human injury**

14/02/2007  
Barrow offshore wind farm  
UK  

A Vestas technician badly twisted his right ankle, whilst disembarking from the offshore provider service vessel. He was treated at hospital and the accident was reported to RIDDOR.

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**519 Transport**

21/02/2007  
Erie County, PA  
USA  

"Windmill-hauling rig topples utility pole" For the second time in three days, a tractor-trailer hauling parts of a windmill tower from Ontario to Texas caused traffic problems in Erie County. This report refers to the first incident.

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**520 Fire**

23/02/2007  
Dodge Center, Rochester, MN  
USA  

NEC Micon  

"Lightning hits wind turbine, starts fire" A wind turbine near Dodge Center lost one of its blades Friday night when lightning struck it and started a fire. The Rochester Fire Department was called to the fire because it had the closest long-ladder truck. Its 100-foot ladder was used to help extinguish the fire at 11:15 p.m. One rotor blade was lost, but fire officials were uncertain if the fire reached the generator portion of the device, which could compound the loss.

Reported on postbulletin.com, 27 Feb 2007, 3:58pm  

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**521 Fire**

23/02/2007  
Some Hill, Buncrana, Inishowen, Donegal, Ireland  
Ireland  

2MW Enercon E77, 60m tower, 70m diam, operational since May 2006  

"Wind turbine fire in Inishowen Feb 23, 5:29 am" The ESB says the destruction of one of its wind turbines in Buncrana over night was due to an overheating generator which caught fire. Emergency services arrived, attended the scene and put out the fire. No-one was injured as the windfarm was unmanned at the time of the blaze. The 10 turbine farm at Some Hill in Buncrana has been shut down for the time being.

Reported on Ireland's Highland Radio station, Feb 23rd 2007  

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**522 Transport**

23/02/2007  
Erie County, PA  
USA  

"Windmill-hauling rig topples utility pole" For the second time in three days, a tractor-trailer hauling parts of a windmill tower from Ontario to Texas caused traffic problems in Erie County. A long rig that was carrying a large cylindrical section of a windmill body toppled a utility pole in Wesleyville after it hit it while trying to turn south onto Station Road from the westbound lane of Buffalo Road.

Reported by Erie Times News (PA) on 23 February 2007  

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**523 Human injury**

23/02/2007  
Unspecified port, Texas  
USA  

Thomas Turner II vs Suzlon. On Feb 23 2007 Turner was injured when working helping load wind blades owned by Suzlon. One of the blades fell on him. Injuring his right leg, hip, pelvis etc. Costs etc in excess of $75000

Legal System Intelligence
<table>
<thead>
<tr>
<th>ID</th>
<th>Date</th>
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<th>Country</th>
<th>Company Details</th>
<th>Description</th>
<th>Source</th>
<th>URL</th>
</tr>
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<tbody>
<tr>
<td>524</td>
<td>25/02/07</td>
<td>Lake Bonney Wind Farm, Tantanoola, South East Australia</td>
<td>Australia</td>
<td>Vestas</td>
<td>A Mount Gambier man is in hospital after suffering an electric shock at a wind farm in the state's south-east. Police say the contractor had been working on a turbine at the Lake Bonney Wind Farm near Tantanoola when he was injured. A quick-thinking workmate activated a safety switch and performed CPR on the 27-year-old, before helping him back to ground level before ambulance crews arrived. SafeWork SA will investigate the incident tomorrow.</td>
<td>Reported on ABC News Online, Feb 25th 2007, 1145am</td>
<td><a href="http://www.abc.net.au/au/3/news/newsitems/20070225/3070251f996d5613.htm">http://www.abc.net.au/au/3/news/newsitems/20070225/3070251f996d5613.htm</a></td>
</tr>
<tr>
<td>525</td>
<td>25/02/07</td>
<td>Parc Cynog, Llanmiloe, Carmarthen, Wales</td>
<td>UK</td>
<td>NEG Micon 720kW</td>
<td>Wind farm shutdown as probe into accident is launched. An investigation has been launched after the blade of a wind turbine above Llanmiloe snapped. Fortunately, no one was hurt in the incident at Parc Cynog at around 5pm on Sunday afternoon. Although the blade was still attached to the turbine, debris was strewn across a 10m radius around the column. The site has five turbines standing at more than 60m, with a blade diameter of 48m. Bosses at Nuon Renewables, which owns the site, have launched an investigation and shut down the remaining turbines.</td>
<td>Reported in Carmarthen Journal, 28 February 2007</td>
<td><a href="http://www.wind-watch.org/news/2007/03/06/wind-farm-shutdown-as-probe-into-accident-is-launched/">http://www.wind-watch.org/news/2007/03/06/wind-farm-shutdown-as-probe-into-accident-is-launched/</a></td>
</tr>
<tr>
<td>526</td>
<td>08/03/07</td>
<td>Fairfield, Herkimer County, New York</td>
<td>USA</td>
<td>Gamesa</td>
<td>Collapse of two anemometer masts: Fall of test towers leave residents concerned. A subject voiced at the March II Fairfield Town Council meeting was that a wind test tower located off Davis Road was beginning to fall apart, according to Jim Salamone, a resident living close by. Salamone said since the last meeting and within the last few days, another tower, which was put up about two years ago near Davis Road, also began to fall apart. A large portion of it is hanging by a mere cable, close to 100 feet above ground. “If that falls down when someone’s over there,” he said, “who’s responsibility is it going to be?”</td>
<td>Reported in The Evening Times, April 6th 2007</td>
<td><a href="http://www.windaction.org/news/8837">http://www.windaction.org/news/8837</a></td>
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<td>527</td>
<td>31/03/07</td>
<td>Allegheny Ridge Wind Farm, Cambria County, Pennsylvania</td>
<td>USA</td>
<td>Gamesa Eolica G87 2MW, rotor diameter 87m, 67m-100m hub</td>
<td>Problems at wind farm could delay acquisition. An Australian company that wants to buy a Cambria County wind farm might walk away if it’s not determined what caused seven turbine blades to crack and large pieces of two blades to fly off. The problems at the Allegheny Ridge wind farm are a serious concern, said Neal Emmerton, regional asset manager for Sydney-based Babcock &amp; Brown. The largest piece of fiberglass sheathing to fly off a blade was 143 feet long, according to Alberto Gros, manager of the Gamesa plant in Ebensburg. A full blade weighs 6.3 tons. The large piece, made of quarter-inch thick fiberglass, weighed far less than that, but it still required a crane to lift, he said. All of the pieces landed within a 300-foot safety zone around the turbines. No houses are close to the safety zone. Emmerton said the blades were turning at the time they</td>
<td>Reported in The Patriot-News, April 5th 2007</td>
<td><a href="http://www.windaction.org/news/8818">http://www.windaction.org/news/8818</a></td>
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<td>528</td>
<td>12/04/07</td>
<td>Barrow offshore wind farm</td>
<td>UK</td>
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<td>During work on a WTG about 100 litres of oil leaked out and down the outside of the tower from the nacelle. Some of the oil ran all the way down the tower and into the sea. Barrow 1st Annual Report June 2006 to June 2007</td>
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<td><a href="http://www.decc.gov.uk/en/content/cms/what_we_do/lc_uk/lc_business/lc_economy/env_trans_fund/wind_grants/wind_grants.aspx">http://www.decc.gov.uk/en/content/cms/what_we_do/lc_uk/lc_business/lc_economy/env_trans_fund/wind_grants/wind_grants.aspx</a></td>
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<td>16/04/2007</td>
<td>Dartmouth, Massachusetts</td>
<td>Home turbine, 35 feet high. Dartmouth windmill toppled by storm. One</td>
<td>Report in South Coast Today, April 19th 2007 (with photo)</td>
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<td>of the many casualties of this weekend's storm was a windmill installed by former state Rep. Mark A. Howland. Arthur Larivée paid Mr. Howland $16,000 for a windmill and solar panel system for his home at 620 Tucker Road and received everything he asked for: two windmills atop 35-foot-high poles, four solar panels and electrical equipment to convert the power generated into electricity. But on Monday morning, he woke to find that the steel poles of one windmill had snapped clean off about 4 feet above the ground, leaving the windmill lying on the ground. &quot;I honestly couldn't believe it,&quot; said Mr. Larivée.</td>
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<td>16/04/2007</td>
<td>Edom Hills Wind Park,</td>
<td>USA 7.5m long, 700 lb Blade thrown 100 yards from turbine on weekend when location was not manned.</td>
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<td>Cathedral City, California</td>
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<td>26/04/2007</td>
<td>Diss, Norfolk, England</td>
<td>Swift roof top turbine, 2.1m diameter, 1.5kW. Where have those turbines gone. Article in Diss Mercury highlighting that Tesco have removed 5 Swift turbines from their flagship Diss store. &quot;Last week it emerged that the five turbines, used to great effect during recent power cuts in Diss when the rest of the town lost electricity, had been removed. A spokesman for Tesco said: &quot;The turbines have been removed from the Diss store. Another customer with the same model of turbine, not Tesco, has reported a problem with one of the turbines. &quot;I don't know what the problem was, but as a precaution we've removed all the turbines for health and safety reasons. We'll keep them down until they've found out the cause of the fault.&quot; She could not say when the turbines were removed, or when they are expected to be returned.&quot; Subsequent investigation found that a decision to remove the turbines was taken following a Swift turbine incident in Scotland where the turbine arms fell off during a storm. This incident remains unsubstantiated by any referable source.</td>
<td>Report in Diss Mercury April 26th 2007 (with photo)</td>
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<td>26/04/2007</td>
<td>Erie Shores Wind Farm,</td>
<td>Lightning damage to turbine covered. A lightning strike bent one of the blades of a turbine on April 26 at 11:30 p.m. The turbine is located south of Nova Scotia Line and west of Port Burwell. David Price of Clean Power Income Fund, which owns the wind farm, said the machines are designed to withstand lightning, but only to a certain extent. &quot;If the lightning hits the machine itself, it's not a problem,&quot; he said. &quot;If it hits the blade, it can't withstand that kind of energy.&quot; Parts of the blade fell from the damaged turbine as documented by the A Channel television news on April 30, 2007. Cost of replacement estimated at C$200,000.</td>
<td>Reported in the Tillsonburg News, May 4th 2007</td>
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<td></td>
<td>near Port Burwell, Ontario</td>
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<td>30/04/2007</td>
<td>Scroby Sands, UK</td>
<td>Reported that the wind farm has suffered a cable fault due to installation deficiencies</td>
<td>Scroby Sands offshore windfarm, Third Annual Report, January 2007 - December 2007</td>
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<td>30/04/2007</td>
<td>Scroby Sands, UK</td>
<td>Reported that the wind farm has suffered a lightning strike which destroyed a blade</td>
<td>Scroby Sands offshore windfarm, Third Annual Report, January 2007 - December 2007</td>
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<td>30/04/2007</td>
<td>Scroby Sands, UK</td>
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</table>

529 Structural failure 16/04/2007 Dartmouth, Massachusetts USA Home turbine, 35 feet high. Dartmouth windmill toppled by storm. One of the many casualties of this weekend's storm was a windmill installed by former state Rep. Mark A. Howland. Arthur Larivée paid Mr. Howland $16,000 for a windmill and solar panel system for his home at 620 Tucker Road and received everything he asked for: two windmills atop 35-foot-high poles, four solar panels and electrical equipment to convert the power generated into electricity. But on Monday morning, he woke to find that the steel poles of one windmill had snapped clean off about 4 feet above the ground, leaving the windmill lying on the ground. "I honestly couldn't believe it," said Mr. Larivée. Report in South Coast Today, April 19th 2007 (with photo)

530 Blade failure 16/04/2007 Edom Hills Wind Park, Cathedral City, California USA 7.5m long, 700 lb Blade thrown 100 yards from turbine on weekend when location was not manned. High Potential Injury Lessons Learned Report, Incident Report No IR-2231386

531 Structural failure 26/04/2007 Diss, Norfolk, England UK Swift roof top turbine, 2.1m diameter, 1.5kW. Where have those turbines gone. Article in Diss Mercury highlighting that Tesco have removed 5 Swift turbines from their flagship Diss store. "Last week it emerged that the five turbines, used to great effect during recent power cuts in Diss when the rest of the town lost electricity, had been removed. A spokesman for Tesco said: "The turbines have been removed from the Diss store. Another customer with the same model of turbine, not Tesco, has reported a problem with one of the turbines. "I don't know what the problem was, but as a precaution we've removed all the turbines for health and safety reasons. We'll keep them down until they've found out the cause of the fault." She could not say when the turbines were removed, or when they are expected to be returned." Subsequent investigation found that a decision to remove the turbines was taken following a Swift turbine incident in Scotland where the turbine arms fell off during a storm. This incident remains unsubstantiated by any referable source. Report in Diss Mercury April 26th 2007 (with photo)

532 Blade failure 26/04/2007 Erie Shores Wind Farm, near Port Burwell, Ontario Canada 0.5MW, 77m diameter, 80m tower. Lightning damage to turbine covered. A lightning strike bent one of the blades of a turbine on April 26 at 11:30 p.m. The turbine is located south of Nova Scotia Line and west of Port Burwell. David Price of Clean Power Income Fund, which owns the wind farm, said the machines are designed to withstand lightning, but only to a certain extent. "If the lightning hits the machine itself, it's not a problem," he said. "If it hits the blade, it can't withstand that kind of energy." Parts of the blade fell from the damaged turbine as documented by the A Channel television news on April 30, 2007. Cost of replacement estimated at C$200,000. Reported in the Tillsonburg News, May 4th 2007

533 Miscellaneous 30/04/2007 Scroby Sands UK Reported that the wind farm has suffered a cable fault due to installation deficiencies Scroby Sands offshore windfarm, Third Annual Report, January 2007 - December 2007

534 Blade failure 30/04/2007 Scroby Sands UK Reported that the wind farm has suffered a lightning strike which destroyed a blade Scroby Sands offshore windfarm, Third Annual Report, January 2007 - December 2007
<table>
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<tr>
<th>Date</th>
<th>Location</th>
<th>County</th>
<th>Event Description</th>
<th>Sources</th>
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<tbody>
<tr>
<td>07/05/2007</td>
<td>Smøla Wind Farm, Norway</td>
<td>Norway</td>
<td>Nine sea eagles have died after colliding with turbine rotor blades.</td>
<td><a href="http://www.statkraft.com/pub/enid_power/facet_salary_articles/sea_eagles_in_collision_with_wind_turbines_at_smola.asp">http://www.statkraft.com/pub/enid_power/facet_salary_articles/sea_eagles_in_collision_with_wind_turbines_at_smola.asp</a></td>
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<td>08/05/2007</td>
<td>Ortsteilverbundungsstraße Wahrenbrück</td>
<td>Germany</td>
<td>NEG Micron Rotor blade fracture reported at Wahrenbrück. The entire blade was thrown</td>
<td><a href="http://www.statkraft.com/pub/enid_power/facet_salary_articles/sea_eagles_in_collision_with_wind_turbines_at_smola.asp">http://www.statkraft.com/pub/enid_power/facet_salary_articles/sea_eagles_in_collision_with_wind_turbines_at_smola.asp</a></td>
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<td>15/05/2007</td>
<td>Dalswinton, Dumfries and Galloway, Scotland</td>
<td>UK</td>
<td>Wind farm accident victim rescued. A man was airlifted to hospital after a dumper truck overturned at a wind farm construction site in Dumfriesshire. Fire crews used hydraulic cutting equipment to free the casualty from the cab of the truck. He was transferred by air ambulance to Dumfries Infirmary. Yesteraday (May 17th), the man, believed to be local but who has not been named, was said to be &quot;stable with multiple fractures&quot;. The accident happened around 4pm on Tuesday (May 15th) at the Dalswinton windfarm site near Auldghray. A spokesman for Dalwinton project manager Arthritis said: &quot;We can confirm there was an accident on site at Dalwinton involving a truck which is used by our contractor Carillon. &quot;The driver was seriously injured and taken to Dumfries and Galloway Royal Infirmary.&quot; A spokesman for Carillon said: &quot;A dump truck veered off the road at speed but the vehicle remained upright. &quot;The driver suffered chest, back and head injuries.&quot;</td>
<td><a href="http://news.bbc.co.uk/1/hi/scotland/south_of_scotland/6659159.stm">http://news.bbc.co.uk/1/hi/scotland/south_of_scotland/6659159.stm</a></td>
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<td>21/05/2007</td>
<td>Kings Lynn, Norfolk, England</td>
<td>UK</td>
<td>Farmer kills himself after opposition to wind turbines on his land. &quot;The UK's first public fatality regarding wind turbines. A farmer killed himself after facing bitter opposition from villagers over plans for a multi-million pound wind farm on his land, his family said. The body of Richard Herbert, a 47-year-old father of three, was found in a water-filled drain near his home at St John’s Fen End, near King’s Lynn. On Monday evening, Mr Herbert, who had been receiving treatment for mental health problems, had been a member of a consortium of Fenland farmers around the village of Marshland St James whose plans to build a £40 million wind farm with 26 huge turbines had created fury among locals. A fortnight ago, half of the 14 farmers abruptly dropped out of the scheme in the face of local opinion.</td>
<td><a href="http://www.telegraph.co.uk/news/main.jhtml?xml=/news/2007/05/23/wind123.xml">http://www.telegraph.co.uk/news/main.jhtml?xml=/news/2007/05/23/wind123.xml</a></td>
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<th>Date</th>
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<td>22/05/2007</td>
<td>Earlsburn windfarm, Stirling, Scotland</td>
<td><strong>Fatal</strong> Man dies after 100ft turbine fall. The UK’s first wind turbine operator fatality. A 19-year-old construction worker was killed after falling down the shaft of a wind turbine. The man, thought to be Brazilian, was inside the turbine which was under construction at the Earlsburn windfarm in Touch Hills, near Stirling. The accident happened at about 1730 BST on Tuesday. It is understood he was killed instantly and firefighters later removed his body. The Health and Safety Executive are investigating. A spokesman said a report would be submitted to the procurator fiscal, who would decide whether a fatal accident inquiry or any criminal charges should follow.</td>
<td>Reported on the BBC News Scotland May 23rd 2007. <a href="http://news.bbc.co.uk/1/hi/scotland/earlsburn/6685479.stm">Link</a></td>
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<td>23/05/2007</td>
<td>Barrow offshore wind farm</td>
<td><strong>Human injury</strong> An employee sprained his ankle, when he lost his balance stepping down from a storage locker, resulting in a lost time injury (8 days).</td>
<td>Barrow 1st Annual Report June 2006 to June 2007. <a href="http://www.decc.gov.uk/en/content/cms/what_we_do/lc_uk/lc_business/lc_economy/env_trans_fund/wind_grants/wind_grants.aspx">Link</a></td>
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<td>24/05/2007</td>
<td>Menomonee Falls, Waukesha County, Wisconsin</td>
<td><strong>Transport</strong> “Lost load snarls traffic in Falls”. A 62-ton section of a wind turbine tower fell from a semitrailer truck that was turning west at Main St. and Appleton Ave. in Menomonee Falls on Thursday. The trailer was hauling the tower section to Joyce, Iowa, from Manitowoc. The accident closed the intersection all day, it was cleared around 9:25 p.m. This has prompted state officials to halt all such future shipments. No-one was injured.</td>
<td>Reported in Milwaukee Journal Sentinel, May 25th 2007. <a href="http://www.jsonline.com/story/index.aspx?id=610480">Link</a></td>
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<td>30/05/2007</td>
<td>Maple Ridge Wind Power Project, Albany, New York</td>
<td><strong>Environmental</strong> Study shows hundreds of dead birds, bats at wind turbines. A consultants’ report for PPM Energy and Horizon Energy identified 123 birds, mostly night migrants, and 326 bats found dead over the course of five months last year beneath 50 wind turbines on the plateau between Lake Ontario and the western Adirondacks. “It’s hard to justify this kind of bird and bat slaughter for the amount of electricity we’re generating here,” council spokesman John Sheehan said. “Ultimately we think there are good places to put windmills and wind turbines, but we need to do some study before we start putting them up, and that wasn’t done here.”</td>
<td>Reported in Associated Press, May 30th 2007. Actual report available via second url on the right. <a href="http://www.wind-watch.org/news/2007/05/25/windmill-topples-while-traveling-through-downtown-falls-62-ton-cylinder-falls-ties-up-traffic-for-hours/">Link</a></td>
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<td>30/05/2007</td>
<td>Springview, Norfolk, Nebraska</td>
<td><strong>Blade failure</strong> “Obsolescence of wind turbines worries Springview”. Report confirms blade cracking, though the turbines are still operating. “The turbines have been plagued with repair and maintenance issues”. Report also mentions concerns regarding final decommissioning. The turbines are only 9 years old - less than half their expected operating age.</td>
<td>Reported in Norfolk Daily News, May 30th 2007. <a href="http://www.norfolkdailynews.com/main.asp?SectionID=3&amp;SubSectionID=1044&amp;ArticleID=4295">Link</a></td>
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<td>07/06/2007</td>
<td>Barrow, Cumbria, England</td>
<td><strong>Environmental</strong> Swift roof tip turbine, 2.1m diameter, 1.5km. “Seagulls beware”. Report confirmed seagull deaths at Tesco’s Barrow store. Eyewitness splattered with remains of dead seagull after collision.</td>
<td>Reported in North West Evening Mail, June 7th 2007. <a href="http://www.nwemail.co.uk/news/viewarticle.aspx?id=506914">Link</a></td>
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<td>08/06/2007</td>
<td>Nysted offshore windfarm, Holland</td>
<td><strong>Miscellaneous</strong> Significant failure reported which led to a 4-1/2 month outage of the entire wind farm see Andersen et al 2008</td>
<td>Reported in Windpower Monthly June 2007. <a href="http://www.windaction.org/news/11042">Link</a> <a href="http://www.isc.dk/kiemet/STC_Pub/shtml/1803200003999331FEC/STC_Nysted_Transformer_Platform.pdf">Link</a></td>
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547 Blade failure 15/06/2007 Cham de Chamlonge (Saint Etienne de Lugdares), Ardèche, France 1.5MW turbine Blade thrown from a turbine at Cham de Chamlonge (Saint Etienne de Lugdares) windfarm in the Ardèche. Announcement on local radio but no follow up in local papers. Locals suspect a cover up. Details from http://ventdubocage.net

548 Fire 23/06/2007 Palm Springs, California USA Eyewitness account from a driver in the I-10, with video posted to the internet. Eyewitness account http://www.youtube.com/watch?v=N4H10y-RyjE

549 Human injury July 2006 to June 2007 North Hoyle offshore wind farm UK Four minor human injuries reported during the year, none were LTAs or RIDDOR reportable. Third Annual Report July 2006 to June 2007 http://www.doc.gov.uk/en/content/cms/what_we_do/uk/business/eco戀conomy/loans_fund/wind_grants/wind_grants.aspx


551 Environmental July 2006 to June 2007 North Hoyle offshore wind farm UK An environmental incident in which 5lttrs of oil were split into the sea from a Jack up barge. Third Annual Report July 2006 to June 2007 http://www.doc.gov.uk/en/content/cms/what_we_do/uk/business/eco戀conomy/loans_fund/wind_grants/wind_grants.aspx

552 Environmental 04/07/2007 Maple Ridge Wind Power Project, Albany, New York USA "Wind farm oil taints West Martinsburg well". A mineral oil spill caused by an Independence Day transformer explosion at the Maple Ridge Wind Farm has contaminated a residential well. The July 4 explosion at the wind farm substation up the hill from the hamlet on Rector Road – which caused a temporary shutdown of the facility – led to 491 gallons of oil leaking from the damaged transformer said DEC spokesman Steven W. Libehler. Reported on December 29, 2007 by Steve Virkler in Watertown Daily Times http://www.windaction.org/news/13367

553 Fatal 04/07/2007 Altamont Pass, Livermore, Alameda County, CA USA "Man electrocuted in wind turbine". A shirtless and shoeless man was found deceased inside a wind turbine along the Altamont Pass near Livermore early Wednesday. It appeared that he was electrocuted by 480 volts of power from one of the electrical component boxes, according to the Alameda County Sheriff's Department. Shortly after midnight Wednesday, the owner had been alerted when the windmill suddenly lost power. He and other personnel found the man while investigating the power outage, according to the sheriffs department. Deceased appears to be a member of the public. Reported in San Jose Mercury News, July 4th 2007. http://www.mercurynews.com/breakingnews/story.php?st=19069587&mod=story

554 Blade failure 06/07/2007 Wankum Kreis Kleve (Niederrhein), North RhineWestfalia Germany Eyewitness and photographer Half Handtke Risso reported half a blade broken off a turbine at Wankum on 7/7/2007. It was photographed by Mr. Handtke Handtke-Risso. Photographs show a blade half broken off, the broken off half lay completely destroyed below the hub. The ad-hoc-news.de reports that the police confirmed the accident, confirmed that no-one was hurt, and that the blade piece which fell was 25m in length. Eyewitness report with photographs, backed up by article on July 9 in www.ad-hoc-news.de/aktuelle Nachrichten http://members.aol.com/tswemobiler22/2007/risso.htm

http://www.ad-hoc-news.de/aktuelle-Nachrichten/Nachrichten/da/2007/06/06/Windbe-reit-Rotorflgel-einer-
555 Environmental 10/07/2007 Braes of Doune, Stirling, Scotland UK Vestas V80 2MW RARE bird killed by wide turbine" (sic). A rare bird was been killed after getting hit by the blade of a wind turbine in Stirlingshire. The red kite, one of the rarer birds in the UK, was discovered at the Braes of Doune wind farm near Stirling. The 36 turbine wind farm had only been operational since February 2007.

Reported in Press & Journal, 10 July 2007

http://news.bbc.co.uk/1/hi/scotland/tayside_central/6087903.stm

556 Human injury 30/07/2007 Uithoud, near Amsterdam Holland A worker was injured when a 60m high crane on an offshore work platform collapsed.

Reported in Wind Service Holland, Nieuws - Incidenten (in Dutch)

http://home.kpn.nl/windsh/N-incident.html

557 Blade failure 30/07/2007 Uelvesbüll bei Husum, Nordfriesland/ Schleswig-Holstein Germany HSW 250 250kW Rotor blade lost from a turbine in Nordfriesland. The most probable cause is a storm. The turbine was 17 years old. The blade was lost on the Monday morning (30 July) in Uelvesbüll following a loud cracking noise, as the police communicated. There were no injuries. The police closed off the approach road to the plant.

Reported by Husum Police and in Adhoc news.de of 31 August 2007


558 Fire July-2007 Burgos, Merindales Spain Fire reported at Burgos wind farm in spain - movie file on line

Reported on "When wind turbines go bad" blog

http://www.ad-hoc-news.de/Aktuelle-
Nachrichten/de/12703193/Sturm-rei%DFt-
Fl%FCgel-von-alter-Windkraftanlage

559 Transport 08/08/2007 Beaumont, Texas USA BBC Chartering and M/V NORDOEN vs Vestas. Cargo was loaded in Grenaa Denmark on July 20 2007 and discharged in Beaumont on Aug 6, 2007. As welders were working to discharge the cargo, one of the V80 nacelle units caught fire and was damaged.

Legal System Intelligence

560 Transport 22/08/2007 Green River, Wyoming USA Suzlon and Evanston Insurance vs Fitzley Inc. On 22nd Aug 2007 a Fitzley truck with trailer had nacelle stowed. It flipped over during transit near Green River, Wyoming, on transit from Freeport, Texas completely destroying the nacelle.

Legal System Intelligence

561 Blade failure 24/08/2007 Aschenstedt in Landkreis Oldenburg/ Niedersachsen Germany Vestas Results from investigation of a lost blade accident in November 2006 and a further incident led to the shut-down of four turbines on safety grounds. The expert evaluation discovered manufacturing defects and irregularities.

Reported on 24 August 2007 in Business Week

http://www.winfoaction.org/news/11519

562 Fatal 25/08/2007 Klondike III Wind Project, Wasco, Oregon USA Siemens 2.3MW THE DALLEs, Ore. (AP) - A wind turbine tower crashed to the ground at a wind farm east of The Dalles, killing one worker and injuring another, Sherman County authorities said. Sheriff's Deputy Geremy Shull said the collapse occurred Saturday afternoon. The deceased worker was later named as 35-year-old Chad Mitchell of Goldendale, Washington. Shull said the cause of the collapse had not been determined. Officials from the Occupational Safety and Health Administration were investigating Sunday. Portland-based PPM Energy owns the wind farm, but Siemens manufactures and owns the wind turbine tower that collapsed. The turbine was undergoing 500 hour maintenance tests. It was later reported (February 2008) that Siemens were fined $10,000 for safety violations. Officials confirmed that the site was cited for two safety violations just a few months before the fatality.

Reported by Associated Press, 26th August 2007

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<th>Event Type</th>
<th>Details</th>
<th>Reported at</th>
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<tr>
<td>04/09/07</td>
<td>Aachener Zeitung, Germany</td>
<td>Blade failure</td>
<td>Part of the blade hit the main turbine tower, breaking off pieces of blade which were thrown up to 100m. The largest section was 45m long. The turbine was located between the village of Bioschein and Federal Highway 221. Parts of the turbine flew onto the highway which was then closed. The turbine continued to spin for 1 hour and 40 minutes until it was shut down.</td>
<td><a href="http://www.aachener-zeitung.de/2007/09/04/feuer-unfall-am-windkraftwerk/">http://www.aachener-zeitung.de/2007/09/04/feuer-unfall-am-windkraftwerk/</a></td>
<td><a href="http://www.aachener-zeitung.de/2007/09/04/feuer-unfall-am-windkraftwerk/">http://www.aachener-zeitung.de/2007/09/04/feuer-unfall-am-windkraftwerk/</a></td>
</tr>
<tr>
<td>05/09/07</td>
<td>Pinnequin Wind Facility, Colorado USA</td>
<td>Miscellaneous</td>
<td>Notice of removal filed - gearbox failures</td>
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<td>08/09/07</td>
<td>Forss, Cashiness, Scotland</td>
<td>Fire</td>
<td>Based on personal local account. The area had a power cut in good weather conditions early on Sunday morning. When I telephoned the hydro board to report the fault, I was told that there had been a fire at the Forss windfarm and that emergency services were on site. Several hours later I drove past. The access track had been reopened, but fire brigade and SSE personnel were still working - replacing a still smouldering telegraph pole. At this point four of the six turbines (the four new ones under Forss II) remained shut down.</td>
<td>Personal account, DR Craig, 9/9/07</td>
<td></td>
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</tbody>
</table>
| 14/09/07 | Whitewater Canyon, CA USA     | Fire       | Whitewater Canyon blaze blamed on wind turbine. Firefighters have fully contained a 68-acre wildfire in the Whitewater Canyon area about 1.5 miles north of Interstate 10, according to CAL FIRE. Fire officials expect to have the blaze under control by 8 a.m. Saturday. Whitewater Canyon Road was closed but reopened to traffic. The fire was caused by an undetermined problem with a wind turbine, according to CAL FIRE. One inmate firefighter was taken to a local hospital for heat related injuries. Fifteen engines, four hand crews and four aircraft are battling the blaze. | Reported by The Desert Sun, 14 September 2007                                         | http://www.wind-watch.org/news/2007/09/15/whitewater-canyon-blaze-blamed-on-windmill/ | http://www.mydesert.com/apps/pbcs.dll/article?AID=/20070914/NEWS0806/70914010/67630115/
| 16/09/07 | Robin Rigg off-shore wind farm, Solway Firth, Dumfries & Galloway, Scotland UK | Miscellaneous | "Windfarm workers rescued from barge". 38 workers were rescued from a barge in the Solway Firth last night after it began to capsize. One of the biggest rescue operations ever in the area got under way just after 7.50pm when the Coastguard received a distress call saying the jack-up barge Lisa, working on the controversial Robin Rigg wind farm, developed a list of between 30 and 35 degrees. Two rescue helicopters from HMS Garnet at Prestwick in Ayrshire and RAF Boulmer in Northumberland were scrambled to the scene. Liverpool Coastguard said RNLI lifeboats from Workington and Silloth were also despatched to join two tugs that were working in the area to help evacuate all personnel on board. The Rotterdam-based barge arrived on the Solway last week. It was to install foundations for 60 420ft-high wind turbines. The spokesman said E.ON had told him that the legs of the jack-up barge appeared to have punctured the sea bed, causing them to bend and the vessel to list badly. A safety inquiry is under way and all work has halted. | Reported in The Herald, 17 September 2007                                               | http://www.wind-watch.org/news/2007/09/17/wind-farm-workers-rescued-from-barge/          | http://www.theherald.co.uk/news/news/display.var.1692295.0.0.php |

570 Transport 18/09/2007 A87 Kyle to Portree road, Skye, Highland, Scotland UK 2.3MW “LORRY BLOCKS SKYE ROAD”. Skye’s first windfarm caused serious disruption to traffic yesterday (19/9/07) when a lorry carrying part of a turbine tower left the road blocking a major route west. Chief Inspector Paul Eddington said the accident occurred north of Sillagachan, on the A87 Kyle to Portree road, at about 11am. He added that the lorry had been transporting the extremely large bottom section of a tower and a heavy lift crane was needed to move it. The chief inspector last night said he expected the road to be blocked until about 5am today (20/9/07). In the meantime, motorists faced a lengthy diversion via the A863 through Dunvegan. The tower section had been on its way to Ben Aketil, where the first two of 10 turbines, each capable of generating 2.3MW, have been assembled on site. Reported in the Press and Journal, 20th September 2007 [http://www.thisisnorthscotland.co.uk/displayNode.jsp?nodeId=149235&command=displayContent&sourceNode=149218&contentPK=184442802&moduleName=internalsearch&gname=spoburnsearch]

571 Transport 18/06/2007 Beaumont, Texas USA Vestas V2 (swiss Ms Underwriters. September 2007, equipment including turbine blades and other wind equipment was damaged while being stored on land at the Port of Beaumont, Texas as a result of Hurricane Humberto. Claim $15 million. [Legal System Intelligence](http://www.windaction.org/news/11920)

572 Miscellaneous 25/09/2007 Various offshore locations Various offshore locations Vestas V90 Vestas develops replacement for damaged offshore wind turbines”. Danish wind turbine manufacturer Vestas Wind Systems AS is developing a new offshore wind turbine model following recent gear box problems at several of its currently operating turbines. Swedish magazine Ny Teknik said: “We are working with a completely new model of the big offshore turbine V90 3 MW, but the details of the work are secret,” said Vestas spokesperson Peter Wenzel Kruse. At the same time, Vestas and Swedish subcontractor SKF AB are trying to determine the causes of the damage to gear boxes, which recently induced the Danish group to stop sales of the V90 3 MW windmill for offshore installations. The two companies are currently unsure of the reasons for the accidents, but Peter Wenzel Kruse said gear boxes are a problem for the entire wind power industry, because strains on the boxes increase as ever bigger windmills are built. Reported by Thomson Financial, Copenhagen, 25 September 2007. [http://www.windaction.org/news/11920](http://www.windaction.org/news/11920)


574 Miscellaneous Sept-2007 Oregon USA Generator bearings failed 11 months after tower was first brought online. The bearings were replaced, but failed five months later, then again 11 months later (September 2007). New bearings installed then prevented further failure. “Bearung Failure Prevented at Oregon Wind Farm” [http://www.powerengworldwide.com/index/000/009/0544/index.html](http://www.powerengworldwide.com/index/000/009/0544/index.html)

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<th>Type</th>
<th>Event Description</th>
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<tr>
<td>03/10/2007</td>
<td>Hancock Wind Farm, Garner, Iowa, USA</td>
<td>Fire</td>
<td>Vestas V47 Wind Turbine Burns Near Garner. A wind turbine south of Garner burned Wednesday morning. The large compartment holding the gear box and electric components more than 200 feet above the ground burned and two of the three 77-foot blades broke off, falling to the ground. The incident was reported shortly after 8 a.m., a Hancock County Sheriff's dispatcher said. A third blade was left hanging straight down. The fire occurred in the turbine's motor housing. The motor housing was still smoking at 10:30 a.m. The turbines, part of an extensive wind farm in Hancock County, are owned by FPL Energy LLC of Juno Beach, Fla. They went into operation in 2002.</td>
<td>Reported in Globe Gazette, 3 October 2007. <a href="http://www.windaction.org/news/12034">3 October 2007</a></td>
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<tr>
<td>15/10/2007</td>
<td>Texas, USA</td>
<td>Transport</td>
<td>Tractor Trailer Drops A Massive Load. A truck driver transporting the midsection of a huge wind energy turbine lost his load on the I-37 frontage road near Rand Morgan. It happened around 3:30 Tuesday afternoon. Police say the driver was supposed to be following a state ordered route, but that he got off track and tried to make a sharp turn.</td>
<td>Reported on KIII-TV3 on October 16th 2007. <a href="http://www.windaction.org/news/12338">October 16th 2007</a></td>
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<tr>
<td>16/10/2007</td>
<td>Ashurst, New Zealand</td>
<td>Transport</td>
<td>Big crane runs off turbine site road. A 50-tonne crane ran off an access road and slipped down a bank on the Tararua Wind Farm yesterday, tipping on its side. The driver survived with moderate injuries. He was taken with a leg injury by ambulance to Palmerston North Hospital shortly after 10am. The damaged crane belongs to Verticon New Zealand, a maintenance subcontractor at the wind farm. Ashhurst Senior Constable Andy Nicholls said the accident could have been a lot worse as the crane could easily have gone over the bank and plunged towards the access road below.</td>
<td>Reported on October 17, 2007 by Grant Miller in Manawatu Standard. <a href="http://www.windaction.org/news/12234">October 17, 2007</a></td>
</tr>
<tr>
<td>17/10/2007</td>
<td>California, USA</td>
<td>Transport</td>
<td>Pylon snarls Highway 113 Traffic. A 128,000-pound section of a pylon for a wind turbine shifted as the rig was headed south on Route 113 south of Dixon early Wednesday, triggering a 10-hour traffic nightmare. No injuries were reported. According to the California Highway Patrol, at a section of the support pylon for a wind turbine destined for Montezuma Hills was being transported southbound on Highway 113 around 4 a.m. when a stabilizing bar on the 168-foot-long trailer carrying the pylon broke and allowed the cargo to shift.</td>
<td>Reported on October 18, 2007 by Kimberly K. Fu in The Reporter. <a href="http://www.windaction.org/news/12249">October 18, 2007</a></td>
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<tr>
<td>30/10/2007</td>
<td>Lacolle, Quebec, Montreal</td>
<td>Canada</td>
<td>&quot;Truck carrying wind turbine strikes Highway 15 overpass&quot; Highway 15 was closed in both directions near Lacolle, Que., after a truck carrying an oversize load struck an overpass. Police confirmed that the truck and wind turbine scraped the underside of the overpass while trying to pass through. The truck likely hit the overpass because the load was &quot;too high,&quot; explained provincial police spokesman Ronald McKinnis. &quot;We stopped [all] traffic because we don't know exactly the damage to the overpass.&quot; The accident happened early Tuesday afternoon near Saint-Mathieu, in Montérégie, about 38 km north of the U.S. border. Inspectors with Transport Quebec were dispatched to the crash site to test the overpass's safety. Both Highway 15 and the overpass will remain closed until further notice, MacKinnis said. Highway 15 is the most popular route to the Lacolle border, which connects Quebec to New York State.</td>
<td>Reported by CBS News, 30 October 2007</td>
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<tr>
<td>01/11/2007</td>
<td>Lough Lee, Northern Ireland</td>
<td>Ireland</td>
<td>&quot;Pollution at Lough Lee: Wind farm under investigation as wild trout stocks disappear&quot; Pollution during the construction of a wind farm is believed to be the source responsible for the wiping out of valuable vegetation and a colossal decrease in wild Brown Trout fish stocks in one of Tyrone's hidden beauty spots...One source described the fish caught as &quot;flexible and malnourished&quot; and indicated that the &quot;damage to the rare genetic strain was irreparable.&quot; Lough Lee has long been considered by angling tourists as one of the most unique freshwater fishing sites in Ireland or Britain...problems arose during the construction of the 9MW wind farm by leading company Avinfloat, who was given planning permission to position turbines on the slope of Bin Mountain facing and in close proximity to the Lough. The Ulster Herald has learned that earlier this year, while the Bin Mountain wind farm was under construction, such was the extent of the silt and clay run-off that the entire lough was severely polluted resulting in complete discoloration.</td>
<td>Reported in the Ulster Herald, November 1st 2007</td>
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<tr>
<td>03/11/2007</td>
<td>Summit Mills, Pennsylvania</td>
<td>USA</td>
<td>&quot;Police fine trucking company more than $84,000&quot; Pennsylvania State Police stopped eight commercial vehicles hauling components for windmills that had improper special hauling permits. They issued 59 citations with fines totaling more than $84,000...&quot;I contacted an individual at the site and issued a verbal warning.&quot; Peyton said. &quot;He assured me the complaints were not legitimate.&quot; Calls to the wind farm site for comment were not returned. Cesswellon WindPower LLC of Richmond, Va., filed the plans to erect seven turbines in Summit and Black townships, according to the county planning commission. The project is being constructed by PPM Energy, Oregon.</td>
<td>Reported on November 3, 2007 by Vicki Rock in Daily American</td>
</tr>
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</table>
585 Transport 07/11/2007 Dumfries & Galloway, Scotland UK "Wind turbine trailer blocks road". A major road in south west Scotland has been blocked after a lorry carrying a 106-tonne wind turbine got stuck. Dumfries and Galloway Police warned that the A75 was likely to remain shut for some time after the incident which took place shortly before 1100 GMT. The road was blocked for over 10 hours, reopening at 2130.


586 Transport 07/11/2007 Lincoln County, Kansas USA "Wind farm crane topples". A 320-foot crane used to construct turbines at the under-construction Smoky Hills Wind Farm fell Wednesday morning while it was being moved from one site to another, said Glenn Melski, vice president and manager of operations for Enel North America, one of the companies that's managing the project.

Reported on November 7, 2007 in Salina Journal

587 Structural failure 08/11/2007 Wick, Caithness, Scotland UK Swift roof top turbine, 2.1m diameter, 1.5kW "County battered by 90 mph storm". Article notes damage to Wick Tesco store's micro-wind turbines as well as loss of six solar panels. A large part of the store's car park had to be closed to the public.

Reported in John O'Groats Journal November 9th 2007

588 Structural failure 08/11/2007 Kilgyl, Scotland UK Vestas V47 "Watt Air! Turbine Collapses In High Winds". Three Scottish windfarms were "switched off" yesterday after a massive turbine collapsed in high winds. The machine, which stands more than 200ft tall at a windfarm in Argyll, apparently "bent in half" during the storm conditions that swept Scotland on Thursday. Operator Scottish Power stopped the 26-turbine facility ahead of a probe into the cause of the collapse. The energy giant also switched off two windfarms in the south of Scotland which use the same Vestas V47 turbines.

Reported in The Press and Journal November 19, 2007

589 Structural failure 11/11/2007 New Zealand 10m high home turbine "Too much spin for Green MP". Greens co-leader Jeanette Fitzsimons has given up on wind power after the turbine on her Coromandel farm fell off in a gale. Wires supporting a 10m pole holding up the turbine propeller have snapped several times in the past five years. During a heavy winter storm, the propeller toppled off. "I suppose technically, it could have hit a cow, but the cows got out of the way," says Fitzsimons, the government's energy efficiency spokeswoman.

Reported in Waikato Times Nov 11th 2007

590 Transport 12/11/2007 Columbia River USA 9 sections of wind turbine lost overboard in transit due to bad weather on arrival at Columbia River mouth.

Legal System Intelligence

591 Blade failure 15/11/2007 Fenner Wind Farm, Madison County, NY USA GE Wind Energy 1.5MW "Madison County Wind Turbine Blends; wind turbine fails". One of the turbines at the Fenner Wind Farm hasn't been spinning since Wednesday night, because one of its blades has been badly bent. ...A person who lives near the site says it sounded like a car crashing when the blade broke. There no word yet on when it'll be fixed. (Article includes photograph). This is the second blade failure at Fenner this year (previous one in Jan 2007)

Reported on WSYR9, 15 November 2007
592 Blade failure 22/11/2007 Lowestoft, England UK 120m turbine "Gulliver shut down for safety precaution." A lightning strike on the Lowestoft wind turbine has resulted in it being out of action for the past four weeks, it emerged yesterday. Although it suffered damage in a storm during the summer it has now been discovered that it has sustained minor damage to one of the tips and has been shut down for safety reasons. The giant 120-metre landmark, known as Gulliver, was hit during the thunderstorm on June 8. Engineers had the blades spinning again the same day, but a maintenance inspection last month uncovered the problem. The turbine will remain closed until specialist equipment can be brought in to bring the blade down to ground level for repairs.

Reported in Lowestoft Journal 21 November 2007
http://www.windaction.org/news/12797
http://www.lowestoftjournal.co.uk/content/lowestoftjournal/news/story.aspx?brand=LOW\n\n593 Transport 23/11/2007 New York USA Wind farm trucks contributing to road problems? The pavement on Brainardsville Road is cracked from hundreds of truck trips made to wind-farm projects in western Clinton and eastern Franklin counties. The damage is especially irritating in Franklin County because not only were the bridges replaced, but the entire length of Brainardsville Road from Malone to Ellenburg was widened and resurfaced as part of a $12 million state project in 2000 and 2001.

Reported in Press Republican 23 November 2007
http://www.windaction.org/news/12833

594 Fire 23/11/2007 Galicia Spain Lightning strike hits a substation at Boimente in Galicia, Spain. A transformer then went on fire, fueled by its own oil. The substation manages the output of 26 wind power stations. This is a loss of 865MW or 31% of Galicia’s wind power. It is likely to be out for weeks.

Reported in La Voz de Galicia, 23 November 2007

595 Transport 24/11/2007 West Fargo, North Dakota USA Overpass damage near Castleton caused by wind tower. A wind tower column from DMI Industries in West Fargo that was being hauled on a semitrailer flattened the underpass of an Interstate 94 overpass just east of this city, damaging it. No one was hurt, but traffic was disrupted while the mess was cleaned up, the Highway Patrol said. The impact about 9:30 a.m. Saturday in the westbound lanes scattered chunks of concrete across the road, damaging at least nine vehicles. The damage ranged from flat tires to punctured radiators, authorities said.

Reported in The Forum by Associated Press 24 November 2007
http://www.windaction.org/news/12847
http://www.associatedpress.com/articles/rss.cfm?id=184319

596 Blade failure November 2007 Lake Wilson, Murray County, Minnesota USA Suzlon S88 Photograph and caption of blade failure in November 2007 "Safety of Wind Systems", Professor M Ragheb, PhD, 16-Apr-2010
https://netfiles.uiuc.edu/mragheb/www/NPS\n\n"Safety of Wind Systems", Professor M Ragheb, PhD, 16-Apr-2010
<table>
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<tr>
<td>02/12/2007</td>
<td>Pennsylvania</td>
<td></td>
<td>Transport</td>
<td>Small towns along Route 219 are complaining about recent “super-load hauling” of windmill pieces from Canada to Somerset County that has stalled traffic and damaged property. … “every company that needs or requires an oversize or overweight load permit within any county or state is responsible for any damage done to the roadway or anything around it,” adding that companies are subject to claims from the state, county or municipality. Carntown Borough police Chief Dave Murphy said that, while his borough has not seen any damage, traffic control has been an issue. “I don’t understand why they’re on Route 219,” Murphy said. “I can’t believe (PennDOT) gave a permit to allow these on the highways.”</td>
<td>Reported in the Tribune-Democrat on December 2nd 2007. <a href="http://www.windaction.org/news/12987">http://www.windaction.org/news/12987</a></td>
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<tr>
<td>03/12/2007</td>
<td>Waymart Wind Farm, Pennsylvania</td>
<td>GE Wind Energy</td>
<td>Blade failure</td>
<td>Wind Turbine Break-“Isolated Occurance.”- No word yet on what caused a blade to break apart on a wind turbine at the Waymart Wind Farm, Monday afternoon. Two blades on the three-bladed rotor remained intact, but one delaminated, meaning its fiberglass layers came apart. “This is not private property. No one was injured,” says Steve Stengel, a spokesperson for FPL Energy which owns the wind farm.</td>
<td>Reported on December 6th in The Wayne Independent <a href="http://www.windaction.org/news/13050">http://www.windaction.org/news/13050</a></td>
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<td>04/12/2007</td>
<td>Wick, Caithness, Scotland</td>
<td></td>
<td>Transport</td>
<td>A plan to transport three wind turbine sections from Wick harbour fell to pieces after the lorry taking the longest section was unable to take a corner and had to reverse all the way back to the harbour. A Wick police spokesman said that steps were being taken to reroute the other shipments to avoid the same problem. Comment: A photograph clearly shows damage to the turbine along one side. Highland Council planners clearly had not properly assessed the route.</td>
<td>Reported in the Caithness Courier on Wednesday 5th December 2007.</td>
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<tr>
<td>10/12/2007</td>
<td>Minnesota</td>
<td>Vestas</td>
<td>Miscellaneous</td>
<td>SMMPA seeks damages for alleged wind-turbine problems*. A power agency claims it has suffered damages exceeding $7 million stemming from defects in four wind-energy generation turbines in the western Minnesota, Southern Minnesota Municipal Power Agency, based in Rochester, is asking a district court judge to order the defendant, Vestas American Wind Technology Inc. of California to resolve the dispute through arbitration. …SMMPA alleges that the turbines have design and manufacturing defects. Duffy said Vestas has refused to address the defects. As a result, he says, SMMPA has lost revenue from down-time caused by system failures. In addition, the defects have accelerated the depreciation of the turbines and their components; there has been a loss of future revenue from the down-time, there have been increased costs, and there has damage to crops and long-term damage to cropland from ground compression due to crane movement.</td>
<td>Reported on December 16th 2007 in Post Bulletin <a href="http://www.windaction.org/news/13113">http://www.windaction.org/news/13113</a></td>
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601 Miscellaneous 11/12/2007 Lackawanna, NY USA Liberty 2.5MW Why Lackawanna Windmills Being Taken Apart?" For a couple months now, most of the windmills on the old Bethlehem Steel property haven't been turning at all. Norman Polanski, Lackawanna Mayor, "They're not turning plain and simple that's what everybody keeps calling me about, the windmills aren't turning." A Clipper Vice President tells me the plan now is for a crane to arrive next week to take all of the gear boxes down send them back to the factory in Iowa, and then replace them one by one throughout the winter. The towers will still stand but the blades will have to come off of all eight wind mills. It could be March or April before the job is finished. This is the first site to use the Liberty 2.5MW turbines.
Reported on December 11th 2007 by WIBV TV. With video footage and posted to YouTube
http://www.windaction.org/news/13137

602 Human injury 21/12/2007 Barrow offshore wind farm UK Acute back injury during manual lifting
Barrow Annual Report July 2007 to June 2008

603 Structural failure 21/12/2007 Somerset County, Pennsylvania USA "Gamesa tower knocked down in storm" The discovery wasn't pleasant, nor was it much of a surprise to some Shaffer Mountain residents. Neighbors found a 200-foot tower - erected to measure wind atop the ridge for the controversial 30-turbine farm - lying twisted on ice-packed ground this week. "This tower is aluminum. The turbine's blades are Fiberglas and could project further," said Karin Sedewar of Shaffer Mountain Road. "If it had been real turbines, it could have been a real danger." The fall of the Gamesa USA tower - which Karin and John Sedewar believe was a casualty of last week’s ice storm - solidifies their concerns about windmills.
Reported on December 21st 2007 in the Tribune-Democrat
http://www.windaction.org/news/13283

604 Environmental 28/12/2007 Maple Ridge Wind Power Project, Albany, New York USA "Wind farm oil taints West Martinsburg well" A mineral oil spill caused by an Independence Day transformer explosion at the Maple Ridge Wind Farm has contaminated a residential well. The July 4 explosion at the wind farm substation up the hill from the hamlet on Rector Road – which caused a temporary shutdown of the facility – led to 491 gallons of oil leaking from the damaged transformer said DEC spokesman Steven W. Libehler.
Reported on December 29, 2007 by Steve York in Watertown Daily Times
http://www.windaction.org/news/13367

605 Structural failure 31/12/2007 Iga, Mie Prefecture Japan A wind turbine set up in March 2006 was touted as the answer to energy problems in Iga, Mie Prefecture. But there was one problem. The wind turbine fell apart in less than two years. Malfunctions and accidents involving wind turbines have occurred repeatedly across the country, leading to suspended services and even the scrapping of one facility. In the Iga case, the small wind turbine on the Anyama highland broke and fell off the top of the steel tower in December. The land ministry’s office suspects the turbine broke because of insufficient welding.
Reported on 19 January 2008 in The Asahi Shimbun. Date taken as Dec 31st
http://www.windaction.org/news/13684

606 Fatal December 2007 Xira, Guarda Portugal 37 year old man reported to have died after a fall from a wind tower (in Portuguese)
http://www.radioelmo.com/breakingnews/news.asp?id=914

607 Human injury December 2007 Xira, Guarda Portugal A second man aged 26 years also fell in the same incident and was badly injured (in Portuguese)
http://www.radioelmo.com/breakingnews/news.asp?id=914
608 Fire 2007 (date unknown) Twin Groves, McLean County, Illinois USA "Wind Out Of Their Sails" Fire - eleven of the 15 cases tracked by WindAction group list lightning or another ignition source as the cause of blazes that begin hundreds of feet in the air. One such event occurred last year at the Twin Groves wind farm operated by Horizon Wind Energy in eastern McLean County. Despite countermeasures such as lightning rods meant to divert a strike from the turbines, one tower had to be shut down because of lightning and a resulting fire. Reported on 25 October 2008 in Journal Star. Date taken as Dec 31st.  

609 Miscellaneous 2007 Kentish Flats offshore wind farm UK Failure and replacement of all gearboxes reported  

610 Human injury 2007 Scroby Sands offshore wind farm UK One medical breaahted injury reported - Engineer received cut to face during removal of turbine from tower top. 

611 Human injury 2007 Scroby Sands offshore wind farm UK Three minor injuries reported plus nine near misses.  

612 Miscellaneous 2007 Scroby Sands offshore wind farm UK Failure of export cable reported  

613 Miscellaneous 2007 Barrow, Cumbria, England UK Failure and replacement of all gearboxes reported  

614 Human injury 2007 Kentish Flats offshore wind farm UK Annual report - safety data confirms 1 medical treatment injury (fracture) and one minor injury during 2007  

615 Miscellaneous 2007 Kentish Flats offshore wind farm UK Another severe incident occurred when on board 'Sea Energy'. During the mounting of a ballast block there was a misunderstanding between the operator and signalman (no radio was in use). The block was dropped some 5 meters away from three Vestas engineers working on the gangway. 

616 Miscellaneous 2007 Kentish Flats offshore wind farm UK Another severe incident occurred during a gearbox change. Crane operations were being undertaken on the deck of the 'Sea Energy' when the boom out-rigger cylinder hit and damaged a blade on the WTG.  

617 Blade failure 2007 Munich Germany 4 months after service, failure resulted in deep discharge of battery thus alarm system did not alarm. Failure on orientation caused physical cracks in foundation and loss of blade. Munich RE Report 1/2008  

618 Fire 2007 Black Law, Scotland UK Siemens No details of incident. Restoration of fire damaged components. Location likely to be of AREPA's work. 

619 Fire 2007 Silkeborg Denmark AWT Alternative Wind Technology ApS No details of incident. Restoration of fire damaged components. Location likely to be of AWT's work. 

620 Fire 2007 Silkeborg Denmark AWT Alternative Wind Technology ApS No details of incident. Restoration of fire damaged components. Location likely to be of AWT's work. 

621 Fire 2007 Smola Norway Siemens No details of incident. Provision of advice and restoration of fire damaged components. Location likely to be of AREPA's work. 

622 Fire 2007 Smola Norway Siemens No details of incident. Provision of advice and restoration of fire damaged components. Location likely to be of AREPA's work. 

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<td>623</td>
<td>2007</td>
<td>Smola, Norway</td>
<td>Siemens</td>
<td>Miscellaneous</td>
<td>No details of incident. Provision of advice and restoration of damaged components. Location likely to be of AREPA's work. <a href="http://www.arepa.com/Products%20&amp;%20Solutions/Wind%20turbines/index.html">Link</a></td>
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<td>624</td>
<td>2007</td>
<td>Smola, Norway</td>
<td>Siemens</td>
<td>Fire</td>
<td>No details of incident. Provision of advice and restoration of fire damaged components. Location likely to be of AREPA's work. <a href="http://www.arepa.com/Products%20&amp;%20Solutions/Wind%20turbines/index.html">Link</a></td>
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<td>625</td>
<td>2007</td>
<td>Brandshage, Germany</td>
<td>Siemens</td>
<td>Fire</td>
<td>No details of incident. Provision of analysis, advice and restoration of fire damaged components. Location likely to be of AREPA's work. <a href="http://www.arepa.com/Products%20&amp;%20Solutions/Wind%20turbines/index.html">Link</a></td>
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<td>Smola, Norway</td>
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<tr>
<td>627</td>
<td>2007</td>
<td>Esbjerg, Denmark</td>
<td>Vestas</td>
<td>Fire</td>
<td>No details of incident. Provision of analysis, advice and restoration of fire damaged components. Location likely to be of AREPA's work. <a href="http://www.arepa.com/Products%20&amp;%20Solutions/Wind%20turbines/index.html">Link</a></td>
</tr>
<tr>
<td>628</td>
<td>02/01/2008</td>
<td>Woolnorth wind farm, Tasmania, Australia</td>
<td>Vestas V25</td>
<td>Environmental</td>
<td>&quot;Green Power Is Black Hole For Rare Eagles&quot;. Australia's biggest wind farm in north-west Tasmania has become a &quot;black hole&quot; for endangered wedge-tailed eagles. The 62-tower Woolnorth farm has killed up to 18 of the island's endangered subspecies of the wedge-tailed eagle in its giant rotor blades. Despite their acute vision, the eagles are failing to pick out turbine blades with tips that can rotate at 300 kmh, according to Eric Woehler, chairman of Birds Tasmania. &quot;Eagles evolved in a landscape without wind farms,&quot; Dr Woehler said. &quot;They just don't see the blades. The researchers there are finding that they are dying not only in the downwash, but in the upwash of the blades. Report on January 2, 2008 by Andrew Darby in Sydney Morning Herald. <a href="http://www.windaction.org/news/13396">Link</a></td>
</tr>
<tr>
<td>629</td>
<td>02/01/2008</td>
<td>Hesket Newmarket, Cumbria, England</td>
<td>Vestas V25</td>
<td>Structural failure</td>
<td>Police have started an inquiry into the collapse of a 19-year-old wind turbine in Cumbria. The machine came down between December 29-30 in high winds, landing on a public road. Police and the turbine owners are looking into the collapse. It was later reported that collapse of the 11-tonne turbine would be subject to an inquiry. Reported in The Courier 14 January 2008. <a href="http://www.windaction.org/news/13459">Link</a></td>
</tr>
<tr>
<td>630</td>
<td>08/01/2008</td>
<td>Baldinnie, Fife, Scotland</td>
<td>Vestas V25</td>
<td>Structural failure</td>
<td>&quot;Turbine Fall is not an Ili Wind&quot;. A large domestic wind turbine which has featured on the skyline above Baldinnie in Fife for many years has collapsed in the storms which swept the country last Wednesday. Reported in The Courier 14 January 2008. <a href="http://www.thecourier.co.uk/output/2008/01/14/newsstory107578280.asp">Link</a></td>
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<tr>
<td>631</td>
<td>10/01/2008</td>
<td>Lackawanna, NY, USA</td>
<td>Clipper 2.5MW</td>
<td>Miscellaneous</td>
<td>&quot;Clipper's 2.5-MW Liberty wind turbines malfunction&quot;. The largest wind turbine manufactured in the United States is running into some technical difficulty. Clipper Windpower Inc.'s 2.5-MW Liberty wind turbines at the 20-MW Steel Winds facility in Lackawanna, N.Y., are malfunctioning due to faulty gear sets. &quot;Over the summer, a gear-time issue in the drive train's secondary stage was detected in some of Clipper Windpower's Liberty wind turbines at the Steel Winds site. The cause was found to be a supplier quality deficiency in the drive train attributable to the suppliers' manufacturing process. Reported on January 10, 2008 by Jennifer Zajac in SNL Financial. <a href="http://www.windaction.org/news/13514">Link</a></td>
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<td>12/01/2008</td>
<td>Altamont Pass, Livermore, Alameda County, CA, USA</td>
<td>&quot;Altamont Pass is Still Killing Birds of Prey&quot;. Environmentally friendly efforts aren't so kind to each other in the rolling hills of the Altamont Pass. For years, whirling rotors on some of the 5,000-plus wind turbines that line the pass have miniced and otherwise killed thousands of golden eagles, red-tailed hawks and other birds of prey at a rate alarming to groups on a mission to protect them. Now a year into the settlement agreement, there has been little progress in reducing bird deaths to levels called for in the settlement. The Golden Gate Audubon Society, a party to the lawsuit that triggered the settlement, backs scientists' recommendation that hundreds more turbines need to be relocated and the shutdown extended in order to reach the reduction mark.</td>
<td>Reported on January 12, 2008 by Jake Armstrong in Recordnet.com</td>
<td><a href="http://www.windaction.org/news/13561:http://www.recordnet.com/apps/pbcs.dll/article?AID=/20080112/A_NEWS/801120316">http://www.windaction.org/news/13561:http://www.recordnet.com/apps/pbcs.dll/article?AID=/20080112/A_NEWS/801120316</a></td>
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<td>21/01/2008</td>
<td>Scroby Sands, Norfolk, England, UK</td>
<td>Repair plan for offshore windfarm* A cable that brings power ashore from an offshore windfarm has failed and needs to be replaced in the spring. E.on, the firm that owns Scroby Sands windfarm two kilometres off the Norfolk coast at Caister, said one of its three high-voltage cables had failed. This means that if the wind turbines are working at full capacity only 66% of the power can be brought ashore. E.on's other offshore windfarm at Blyth, Northumberland, is also awaiting repair after a sub-sea cable broke. ...</td>
<td>Reported in BBC News on 21 January 2008</td>
<td><a href="http://www.windaction.org/news/13711:http://news.bbc.co.uk/1/hi/england/norfolk/790082.stm">http://www.windaction.org/news/13711:http://news.bbc.co.uk/1/hi/england/norfolk/790082.stm</a></td>
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<td>21/01/2008</td>
<td>Scroby Sands, Norfolk, England, UK</td>
<td>A worker was treated in hospital for burns caused by an electrical flash while working to repair the shore cables.</td>
<td>Reported in BBC News on 21 January 2008</td>
<td><a href="http://news.bbc.co.uk/1/hi/england/norfolk/790082.stm">http://news.bbc.co.uk/1/hi/england/norfolk/790082.stm</a></td>
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<td>21/01/2008</td>
<td>Blyth, Northumberland, England, UK</td>
<td>Repair plan for offshore windfarm* E.on's other offshore windfarm at Blyth, Northumberland, is also awaiting repair after a sub-sea cable broke. ...</td>
<td>Reported in BBC News on 21 January 2008</td>
<td><a href="http://news.bbc.co.uk/1/hi/england/norfolk/790082.stm">http://news.bbc.co.uk/1/hi/england/norfolk/790082.stm</a></td>
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<td>27/01/2008</td>
<td>Cohocton, Steuben County, NY, USA</td>
<td>Blade meets windshield* Cohocton, NY Wind Farm construction site accident</td>
<td>Reported by windaction.org</td>
<td><a href="http://www.windaction.org/pictures/17097">http://www.windaction.org/pictures/17097</a></td>
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| 30/01/2008 | Prince Wind Eneiy, Project, Sault St. Marie, Ontario, Canada | GE Energy 1.5 MW Winds too much for turbine*. One of the massive turbines at the sprawling Prince Wind Energy Project, immediately northwest of the city limits, was damaged during the Jan. 30 blizzard. An extensive investigation is underway to determine why the turbine sustained a damaged blade and has been inoperable for more than three weeks. "We believe the blade was damaged after the turbine shut itself down," said Jim Deluzio, general manager of Ontario Wind Operations with Brookfield Power Corp. "The investigation will look into the possibility of a defective blade. ... Winds were high but the blade should not have been damaged." | Reported in the The Sault Star on February 22, 2008 | http://www.windaction.org/news/14282:http://www.saultstar.com/ArticleDisplay.aspx?id=912918
639 Transport 31/01/2008 Barrow offshore wind farm UK Ferry Riverdance went out of control. Several rescue attempts were made by both boat and helicopter with all persons on board being airlifted off leaving a skeleton crew on board. This skeleton crew was unable to control the boat, and the Riverdance was beached on Blackpool Beach.


640 Structural failure 02/02/2008 Nås, Gotland Sweden Vestas Approximate date. Articles on Feb 22nd and Feb 25th reports Vestas wind turbine wrecked in Sweden 3 weeks before. A Vestas turbine at Nås in Gotland, Sweden, lost a blade in the same way as in Odsherred. In that case the blade flew 40 metres and hammered down in a field. No one was hurt. A neighbour described the bang as "a sonic boom or a car accident".


641 Miscellaneous 02/02/2008 Redcar (offshore) UK A drilling rig Jakup carrying out test bores for a proposed wind farm at Redcar has been smashed off its legs and driven ashore by heavy seas, the RNLI said today.


642 Environmental 02/02/2008 Altamont wind farms, CA USA "Despite efforts, Altamont bird toll rising" The Altamont wind farms saw an apparent increase in bird deaths last year in spite of efforts to reduce the bird kills, according to a new report. Bird-carcass surveys at about half of the nearly 5,000 Altamont wind turbines found a striking jump in deaths among many species in the year ending last September over the previous year. The number of bird deaths does not appear to be decreasing despite measures to reduce the deaths, the report said. Those efforts include shutting down all the turbines for two months in the winter and a not-yet-fully-accomplished process of relocating or permanently shutting down the windmills suspected of causing the most deaths.


643 Structural failure 07/02/2008 Island of Texel, North Holland "Windmolen op Texel verliest wiek en kap" (In Dutch). Fallen turbine reported on Island of Texel, in North Holland

Reported in Noord Hollands Pagbad 7 February 2008 (with photograph)

644 Fatal 08/02/2008 Grand Meadow, Minnesota USA Philip Ray Edgington, 54, died in a plane crash on 8/2/2009. Crash investigators concluded that he was flying near Grand Meadow when he encountered a wind farm with several 400 foot turbines. The plane attempted to manoeuvre around the turbines then crashed in a field.


645 Human injury 08/02/2008 Taylor County, Texas USA "Man Electrocuted at the Windfarms" A man was rushed to hospital after he was electrocuted while he worked out on the windfarms. The accident happened 4 miles south of coronados camp off of highway 277. Officials at the scene say he was shocked with 680 volts. Taylor County Deputy Sheriff says the man is in stable condition and he did sustain burns.


646 Blade failure 13/02/2008 Haveyvågølen, Måsøy Norway Nordex Energy "Vindmønten faller ikke vind Vindmill couldn’t take wind" Report (with photo) of a blade destroyed by the wind at Haveyvågølen in Måsøy commune. Local people have been asked to stay away and police have blocked off the area.


647 Human injury 21/02/2008 Barrow offshore wind farm UK Platform hatch dropped and hit technician on the head

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<tr>
<th>ID</th>
<th>Date</th>
<th>Location</th>
<th>Cause</th>
<th>Details</th>
<th>Source</th>
</tr>
</thead>
</table>
| 648 | 21/02/2008 | Barrow offshore wind farm | Human injury      | Nacelle hatch fell onto technicians head                                                                                                         | Barrow Annual Report July 2007 to June 2008  
| 650 | 24/02/2008 | Village of Sidinge, Odsherred | Structural failure | Yet another Vesta wind turbine throws its blade 100 metres in the wind                                                                                                                                   | http://ing.dk/artikel/85923  
http://home.kpn.nl/windsh/N-incident.html |
| 651 | 03/03/2008 | Biddinghuizen | Structural failure | Complete collapse of turbine tower                                                                                                               | Reported in Wind Service Holland, Nieuws-Incidenten (in Dutch)                                      |
| 652 | 03/03/2008 | USA | Blade failure | Suzlon to replace defective equipment worth $25 million | Suzlon to replace defective equipment worth $25 million in what implies a Rs.1 billion ($25 million) hit on its balance sheet for the current quarter, leading wind power equipment-maker Suzlon Energy will retrofit wind turbine blades for a project in the US, the company said Monday. | http://www.windaction.org/news/14450  
| 653 | 03/03/2008 | Edom Hills Wind Park, Cathedral City, California | Human injury | Fall from height reported. The injured person fell 12 feet. On impact his hard hat came off, resulting in a fractured skull. Another operator was directly below but was uninjured. | High Potential Injury Lessons Learned Report, investigation summary |
654 Structural failure 04/03/2008 Monroe Township, Logan County, Ohio, USA

"Ice storm damages wind measurement tower" High winds and ice Tuesday are partially to blame for knocking an approximately 20-foot section from the top of a 160-foot Monroe Township meteorological tower, raising concerns among area residents about what could happen to a wind turbine in the event of a more serious ice storm. "Wind Truth Alliance questions why a wind company would erect a structure that cannot withstand Ohio weather," Linda Hughes of the organization wrote in a prepared statement. "If wind turbines are to be built in Logan County, what will protect residents from the impact of the recent ice storm and more severe ice storms, such as the one in 2005?"

Reported on 7 March 2008 in The Bellefontaine Examiner

http://www.windaction.org/news/14544

http://www.examiner.org/news03.07.4.php

655 Environmental 06/03/2008 Altamont Pass, CA, USA

"Windmills increase raptor deaths; Eagles, owls, migratory songbirds caught in blades" Long before wind turbines sprouted on Altamont Pass, it was home to the highest density of golden eagles in the world and their major breeding area in the United States. Almost as soon as the first turbine started rotating, the bird carasses started piling up: Golden eagles, burrowing owls, red-tailed hawks, other raptors, western meadowlarks and migrating songbirds... "On Feb. 12, an interim report on raptor mortality during 2005-2007 was released. Instead of a reduction in raptor mortality, the study found deaths had risen except for that among golden eagles, which had fallen to the sustainable level of 49 deaths per year. Burrowing owl mortality suffered the greatest increase - more than 300 percent - and the overall raptor deaths almost doubled."

Reported on 6 March 2008 in The Union

http://www.windaction.org/news/14529

http://www.theunion.com/article/20080306/TODAYSFEATURE/969201445/-

656 Blade failure 06/03/2008 Montepò, Scansano, Tuscany, Italy Gamesa 2MW

"10-meter section of blade broke off and flew 200 meters" Reported blade section thrown in early February 2008.

Reported by National Wind Watch on 6 March 2008


657 Blade failure 06/03/2008 Texas, USA

"Lightning to Blade No. 4608 at Turbine No. 155 was the proximate cause of its subsequent failure. The National Lightning Detection Network at 08:30:36 on March 6, 2008 reported a 10kA strike in close proximity to the location of this turbine."


http://www.windwatch.org/news/2008/03/06/lightning-to-blade-no-4608-at-turbine-

658 Fire 09/03/2008 Bird's Landing, Solando County, CA, USA

"Fire ruins turbine at wind farm; Birds Landing blaze gutted 1 of 90" A wind turbine caught fire in Birds Landing early Monday, but investigators have yet to identify what caused the flames. The fire, on the top portion and on the blades of the 200-foot turbine, was discovered around 5:30 a.m. by employees of FPL Energy - High Winds. The turbine that caught fire was one of 90 the company maintains in the 6700 block of Birds Landing Road near Rio Vista. Van Culver, high winds plant leader for FPLE, said by early afternoon the company was still assessing the risk of climbing the tower to get a closer look. Local TV company KKKK have footage at http://www.kogra.com/news/15553196/detail.html.

Reported on 11 March 2008 in the Reporter

http://www.windaction.org/news/14610

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<th>Location</th>
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<tr>
<td>659</td>
<td>Miscellaneous</td>
<td>09/03/2008</td>
<td>Askham &amp; Ireleth wind farm, Furness, Cumbria, England</td>
<td>Exclusion zone around wind farm after gales. An exclusion zone is in place around a Furness wind farm after gale force winds battered Cumbria. Pencil Lane at Marton has been closed off since Monday evening as engineers work to fix a mechanical failure on a turbine at Askham and Ireleth Wind Farm. Power Company E.ON requested that police cordon off the area as a safety precaution before the predicted high winds arrived. Today a spokeswoman for E.ON said: “Because of the weather we are experiencing we have not been able to carry out the work.”</td>
<td>Reported on 12 March in North-West Evening Mail</td>
<td><a href="http://www.windaction.org/news/14633">http://www.windaction.org/news/14633</a></td>
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<td>660</td>
<td>Miscellaneous</td>
<td>11/03/2008</td>
<td>Dinéault, Finistere</td>
<td>“Vent de folie à Dinéault [Crazy wind]”. (Translated from French) Missing safety bolt caused turbine to continue turning at excessive speed while neighbouring turbines were shut down. The turbine was damaged.</td>
<td>Reported in Le Télégramme on March 13, 2008</td>
<td><a href="http://www.wind-watch.org/news/2008/03/13/vent-de-folie-a-dineault-crazy-wind/">http://www.wind-watch.org/news/2008/03/13/vent-de-folie-a-dineault-crazy-wind/</a></td>
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<td>661</td>
<td>Fatal</td>
<td>18/03/2008</td>
<td>Cefn Croes, Wales</td>
<td>German killed in windfarm accident. A German national was killed in an industrial accident at the Cefn Croes wind farm, near Pontywaen, last week. Waldemar Neumann, 41, of Bissendorf, Germany, who is believed to have been staying recently in an Aberystwyth hotel, died after he was struck by a lorry on the site of the windfarm at about 10.30pm on Tuesday 18 March. Coroner’s police and the Health and Safety Executive, Wales are investigating the incident. Coroner’s coroner Peter Brunton has opened an inquest into the death. After evidence of identification was received, the inquest was adjourned to a date to be arranged. The incident occurred some four miles off the A44 road, on a forestry track on the Cefn Croes site. Mid and West Wales Fire and Rescue Service also attended the scene.</td>
<td>Reported in Aberystwyth Today (Tindle Newspapers Ltd) 27 March 08</td>
<td><a href="http://www.aberystwythtoday.co.uk/todayoptions/news/newsdetail/tern/">http://www.aberystwythtoday.co.uk/todayoptions/news/newsdetail/tern/</a></td>
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<td>662</td>
<td>Miscellaneous</td>
<td>26/03/2008</td>
<td>Palm Springs, California, USA</td>
<td>Palm Springs fire personnel rescue windmill worker”. Firefighters rescued a windmill maintenance worker who was having chest pains as he worked more than 150 feet above the ground this afternoon. Palm Springs firefighters were called to the 5400 block of North Indian Canyon about noon regarding a man having chest pains. Battalion Chief Mark Avera said they drove about a half mile west of the area where they found the 22-year-old worker suspended 157 feet above the ground. “It probably took us about an hour or so to get him down.” Avera said. NOTE: This rescue appears unrelated to wind energy, but raises the point that emergency teams will be called upon to service people on the large towers.</td>
<td>Reported in Desert Sun 26 March 2008</td>
<td><a href="http://www.windaction.org/news/14874">http://www.windaction.org/news/14874</a></td>
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<td>27/03/2008</td>
<td>Parkhouse Farm, Lowca, Cumbria, England</td>
<td>UK</td>
<td>Deadline for firm in wind turbine row Energy company E.ON has been given 21 days to repair a broken wind turbine at Lowca in Cumbria or face enforcement action. Copeland Council says the firm has breached planning approval by leaving the turbine unrepaired. The wind turbine has not worked for 14 months and site operator E.On had agreed to repair it by the end of February. The energy company says the turbine has a fault in the gearbox that cannot be repaired on site. A planning condition for wind turbines ensures that turbines at the end of their working life must not be left to deteriorate and must be dismantled within six months of becoming inactive. This failure has not been reported elsewhere on the database.</td>
<td>Reported by Press Association Ltd in Wigan Today, 27 March 2008 <a href="http://www.wind-watch.org/news/2008/03/27/firm-told-to-repair-turbine/">http://www.wind-watch.org/news/2008/03/27/firm-told-to-repair-turbine/</a> <a href="http://www.copelandbc.gov.uk/Files/060208_pp9.pdf">www.copelandbc.gov.uk/Files/060208_pp9.pdf</a></td>
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<td>27/03/2008</td>
<td>Ewington Wind Farm, Minnesota</td>
<td>USA</td>
<td>Turbine burns at Ewington wind farm Smoke pours from the top and bottom of one of the wind turbines at the Ewington Wind Farm near the Heron Lake exit north of Interstate 90 Wednesday (Mar 26) morning. The Brewster and Okabena Fire Departments responded to the scene, but upon the advice of Suzlon Wind Energy officials, the fire was allowed to burn itself out. (with photo)</td>
<td>Reported in Worthington Daily Globe, March 28 2008 <a href="http://www.windaction.org/pictures/14894">http://www.windaction.org/pictures/14894</a> <a href="http://www.dglobe.com/articles/rss.cfm?id=10344">http://www.dglobe.com/articles/rss.cfm?id=10344</a></td>
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<td>30/03/2008</td>
<td>Crownd park, Eemshaven</td>
<td>Holland</td>
<td>Toppling of 700 tonne crane during installation of Vestas V90 3MW turbines</td>
<td>Reported in Wind Service Holland, Nieuws - Incidenten (in Dutch) <a href="http://home.kpn.nl/windsh/N-incident.html">http://home.kpn.nl/windsh/N-incident.html</a></td>
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<td>01/04/2008</td>
<td>(Generic)</td>
<td>USA</td>
<td>Rotor blade blues as yet another wind turbine manufacturer launches blade retrofit program One of the wind industry’s major turbine vendors has announced it is undertaking a major blade retrofit program. Over 1200 units, mostly in America, are expected to come down for repair after signs of weakness and cracking in some of the blades. The April issue of Windpower Monthly looks in detail at one vendor’s blade blues but also paints the bigger picture. With this now the third major blade retrofit on US soil in the past year, tough questions are being asked.</td>
<td>Reported in Windpower Monthly, April 2008 <a href="http://www.windaction.org/news/15111">http://www.windaction.org/news/15111</a> <a href="http://www.windaction.org/pictures/15111">http://www.windaction.org/pictures/15111</a> <a href="http://www.ymcct.co.jp/dy/national/2008/04/09TDY02303.htm">http://www.ymcct.co.jp/dy/national/2008/04/09TDY02303.htm</a></td>
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<td>16/04/2008</td>
<td>Abilene, Taylor County, Texas</td>
<td>USA</td>
<td>Man injured after fall inside wind turbine 29-year-old contractor for Global Windpower Services fell 50 to 60 feet inside the shaft of a wind turbine on Wednesday, breaking ribs and a leg, rescue officials said. His fall was broken by a metal deck about 12 feet above the ground. The man was conscious when rescuers arrived.</td>
<td>Reported on April 17, 2008 in Abilene Reporter News <a href="http://reporternews.com/news/2008/apr/16/man-injured-after-fall-inside-wind-turbine/">http://reporternews.com/news/2008/apr/16/man-injured-after-fall-inside-wind-turbine/</a> <a href="http://www.windaction.org/news/15338">www.windaction.org/news/15338</a></td>
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671 Miscellaneous 06/05/2008 East Point Wind Plant, Elmira, Prince Edward Island Canada Vestas V90 3.0WM "Wind turbines offline for repair work". The East Point Wind Plant at Elmira has taken six of its 10 V90-3.0 MW wind turbines off-line to avoid further damage to the gearboxes after discovery of problems with them during routine inspections. Vestas-Canadian Wind Technology, Inc., supplier of the turbines, is in the process of delivering replacement gearboxes for the affected turbines to the wind plant. Reported on 6 May 2008 in The Guardian and on CBS News http://www.windaction.org/news/15670 http://news.theguardian.pe.ca/index.cfm?sid=132917&sec=46

672 Transport 03/05/2008 Early, Iowa USA "Truck sends utility pole into restaurant". Authorities say 38 year-old Glen Forbes was driving a trailer loaded with wind turbine blades when the rear steering malfunctioned. The trailer veered into a utility pole, throwing it across the road and into Mary's Dairy Restaurant. Luckily no one was injured, but flying debris caused damages to nearby cars and the restaurant adding up to nearly $14,000. Reported on 3 May 2008 on ABC Channel 9 http://www.windaction.org/news/15624 http://www.kcautv.com/global/story.asp?id=845

673 Fire 08/05/2008 Palm Springs, CA USA "Windmill fire causes $750,000 in damage". Fire caused an estimated $750,000 in damage to a windmill on Thursday, the Palm Springs Fire Department said today. The windmill was on fire and several small spot fires happened because of falling debris. The fire is under investigation. Reported on 9 May 2008 In Desert Sun http://www.windaction.org/news/15764 http://www.mydesert.com/apps/pbcs.dll/article?AID=20080510/NEWS/80510008010

674 Transport 08/05/2008 Springfield, Missouri USA "A truck carrying part of a large wind turbine damaged the Highway 60 and 65 interchange around ten Friday morning." Reported on 8 May 2008 in Ozarks First http://www.windaction.org/news/15771 http://ozarksfirst.com/content/fulltext/?cid=200875

675 Fatal 12/00/2008 Off US Delaware Coast USA "One dead, one rescued as research vessel sinks off Rehoboth". One crewman died today after gale force winds pounded a specialized research ship that was launched in March to study Delaware’s offshore wind power resources, forcing the Coast Guard to pull two crewmen from the sinking vessel. Coast Guard Petty Officer Nick Cangemi said one of the two crew members of the RV Russell W. Peterson did not have any vital signs when a helicopter arrived on the scene this morning. "We took both people to the hospital in Maryland, where the hospital declared one of the gentlemen deceased," Cangemi said. They were taken to Peninsula Regional Medical Center in Salisbury, MD. The ship was left adrift and ran aground at Bethany Beach. Reported on 12 May 2008 in The News Journal http://www.windaction.org/news/15780 http://www.delawareonline.com/apps/pbcs.dll/article?AID=/20080512/NEWS/8051202037

676 Blade failure 14/00/2008 Schagen district of north west Holland Holland Vestas "Weak break at van windturbine" (Blade breaks off wind turbine). One of the blades of a Vestas turbine broke off close to Highway N245 between towns of Oudkampel and Driehoorn in the Schagen district of north west Holland. The blade part flew over the road but luckily landed on the verge. The blade piece was 23m long and weighed an estimated 3000 Kg. Luckily there were no injuries. Reported on 15 May 2008 in Noordhollands Dagblad http://www.noordhollandsdagblad.nl/index.cfm?section=q&story=3498413

677 Fatal 17/05/2008 Atlantic City, NJ USA "Plane crash was second fatal accident in week related to wind-turbine research". The plane crash that killed two people and injured two more Saturday was the second fatal accident in less than a week involving researchers studying the effects that offshore wind turbines might have on the environment. On May 12, a crewmember of a Flemington-based research vessel, studying the effects of a planned wind farm off the coast of Rehoboth Beach, Del., was killed when the vessel broke apart and washed ashore during a northeaster. Reported on 21 May 2008 in Press of Atlantic City http://www.windaction.org/news/15982 http://www.presseafettanticity.com/183/story/16304.html
678 Fatal 18/05/2008 S Cristovao, Resende Portugal 49 year old David Moura reported to have died in a wind turbine incident (in Portuguese) Reported by EcoTretas on 22 April 2011 http://ecoetretas.blogspot.com/2011/04/acidente-eolico-em-portugal.html

679 Fire 28/05/2008 Ewington Wind Farm, Minnesota USA Suzlon "Turbine fire at ewington wind farm". The wind turbine had a "ball of flame" on top when firefighters arrived at the scene. The fire was located at the six-turbine Ewington Wind Farm, the same site where a wind generator burned two months ago. The propeller blades from the turbine came down in the fire, landing in the corn field below. Reported on 30 May 2008 in Daily Globe http://www.windaction.org/news/16099

680 Miscellaneous 28/05/2008 East Point, Prince Edward Island Canada Vestas "Strong gusts slowing wind turbine repairs" High winds are making it difficult to repair wind turbines at East Point in Prince Edward Island. Six of 10 turbines on the site were shut down recently when problems developed in their gearboxes. One turbine has been repaired, but strong winds are making it difficult to work on the other five. The turbines are less than a year old. Reported on 29 May 2008 in CBC News http://www.windaction.org/news/16094

681 Blade failure 18/06/2008 Northern Ireland UK Vestas "Farmhouse horror as (16-ft) turbine blade smashes through roof" A farmer has described the shocking moment a 16-foot wind turbine blade smashed through the roof of his home as his family slept inside. "It was like a bomb hitting the roof of the house. It shattered the tiles and the blade disintegrated itself," David Campbell told the Belfast Telegraph. The turbine was one of a batch of 11 defective machines installed on farms in Northern Ireland with the help of European funding provided by the Department of Agriculture. Reporter Linda McKee and the Ulster Farmers Union confirmed that 4 of the 11 turbines had thrown their blades, and the other 7 did not work. Reported on 18 June 2008 in Belfast Telegraph http://www.windaction.org/news/16418

682 Environmental 21/06/2008 Judith Gap, Harlowton, Montana USA Suzlon "At Montana's biggest wind farm, bat deaths surprise researchers". Turbine-related fatalities at Judith Gap Wind Energy Center near Harlowton were 1,206 bats and 496 birds, according to a 2007 preliminary study prepared by TRC Solutions' Laramie, Wyo. office. Roger Schoumacher, a biologist and consultant for TRC, said the bat fatality count is higher than what generally occurs in the West. Reported on 21 June 2008 in New West Travels and Outdoors http://www.windaction.org/news/16470

683 Environmental 23/06/2008 Arrielo (Vilafranca) and Folch II (Castellfort) Spain Suzlon "Renomar mantendrá en funcionamiento los 43 aerogeneradores pese a la orden de cierre" [In Spanish - Renomar keep 43 wind turbines in operation despite closure order]. Spanish operators Renomar refuse to close 43 turbines at Arrielo (Vilafranca) and Folch II (Castellfort), despite an order on 30 May 2008 from the Environment department. The turbines were ordered closed because of the high fatality rate on the local vulture population. Reported on 23 June 2008 in Comunitat-Valenciana http://www.wind-watch.org/news/2008/06/23/renomar-mantendra-en-funcionamiento-los-43-aerogeneradores-pese-a-la-orden-de-cierre/ http://www.levantemedio.com/secciones/noticia.php?Ref=292980E62204CB83E561237564C3D71A

684 Blade failure 23/06/2008 Illinois USA Suzlon "Wind farm hits standstill" Construction on the $300-million Big Sky wind farm in southeastern Lee and northern Bureau counties is on hold for at least 10 months, thanks to a problem its supplier is having with faulty turbine blades. The 13,000-acre, 114-turbine project near Ohio was slated to be online by the end of this year, but blades nearly the length of a football field started cracking on some U.S. wind farms early this year. Reported on 23 June in Sauk Valley http://www.widgetworld.com/articles/2008/06/24/news/local/68504d4174e8756e61e04377 75eb4571.txt
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<tr>
<td>24/06/2008</td>
<td>Osorio wind farm</td>
<td>Fatal</td>
<td>Worker falls from ladder and dies at wind farm. An employee of the German company Wobben Windpower, responsible for the maintenance service of the turbines of the Wind Farms of Osorio, died after falling from a height of approximately 25 meters. According to the Civil Police, Claudemir Piccoli, 32, was working in the tower of one of the turbines, and down a ladder inside the structure when the safety belt of the worker broke.</td>
<td>Reported by LitoralMania on 24 June 2008 [<a href="http://www.litoralmania.com.br/noticias.php?id=9260">http://www.litoralmania.com.br/noticias.php?id=9260</a>]</td>
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<td>24/06/2008</td>
<td>Various sites</td>
<td>Miscellaneous</td>
<td>Taipower's wind turbines dogged by malfunctions. Of the 82 wind turbines that make up Taiwan Power Co's wind-powered energy generation plans, as many as 51 turbines have at one time or another been inoperative. Taipower blames the high rate of malfunctioning on Taiwan's hot climate and lack of supporting equipment. The high rate of breakdown is a significant setback to the implementation of the government's renewable energy policy. Taipower said that, of the malfunctioning turbines, three were manufactured by GE, 22 by Harakosan and six by Gamesa. Most of the turbines are distributed along the western shoreline.</td>
<td>Reported on 24 June 2008 in Taipei Times [<a href="http://www.wind-watch.org/news/2008/06/24/taipowers-wind-turbines-dogged-by-malfunctions/">http://www.wind-watch.org/news/2008/06/24/taipowers-wind-turbines-dogged-by-malfunctions/</a>]</td>
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<td>26/06/2008</td>
<td>Catcliffe, Sheffield</td>
<td>Blade failure</td>
<td>Wind turbine smashed... by wind! A giant wind turbine sparked major safety fears yesterday when it was smashed by the wind. A huge propeller broke off the 190ft turbine close to a busy motorway link road. The 30ft blades cracked when the turbine was hit by strong gusts just two months after it began operating. Dad-of-two Martin Offield, 46, who lives 600 yards from the turbines in Catcliffe, said: “It raises questions about how safe these things are. This turbine is next to a busy roundabout and could have caused a serious accident. The wind was high but it gets stronger during winter gales. It makes you wonder if they’ve built these things without thinking of the consequences.”</td>
<td>Reported on 27 June in The Sun [<a href="http://www.thesun.co.uk/sol/homepage/news/article1352720.ece">http://www.thesun.co.uk/sol/homepage/news/article1352720.ece</a>]  [<a href="http://www.windaction.org/news/16567">http://www.windaction.org/news/16567</a>]</td>
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<td>27/06/2008</td>
<td>Maalaea on Maui, Hawaii</td>
<td>Fire</td>
<td>Maui wildfire burns approximately 95 acres. A fire that started in an area above the windmills near Maalaea on Maui had burned approximately 95 acres as of this morning, according to state Department of Forestry and Wildlife (DOFAW) officials. The fire burned portions of a threatened and endangered species habitat, but it is unknown if any species were affected. Wind farm workers used a 4,000-gallon water tanker to shuttle water to the scene. The cause of the fire is under investigation.</td>
<td>Reported in The Honolulu Advertiser on 27th June 2008 [<a href="http://www.windaction.org/news/16559">http://www.windaction.org/news/16559</a>]</td>
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<td>05/07/2008</td>
<td>Rossendale, Lancashire, England</td>
<td>Human injury</td>
<td>Paraglider rescued after crashing at Rosendale windfarm. Mountain rescue teams were called out when a paraglider fell from the sky. The man landed on a hill in the middle of Scout Moor windfarm behind Foxt Farm in Turm Village, Edentield. The man, who had avoided hitting the turbines' 40m blades was helped by Pendle and Rossendale Mountain Rescue who assisted paramedics on the scene. West Yorkshire Ambulance transported the man to hospital, suffering from suspected spinal injuries and damaged ribs at 5.30pm on Friday. This is a near miss rather than an “windfarm” accident.</td>
<td>Reported in Lancashire Telegraph on Sat 5th July 2008. [<a href="http://www.lancashiretelegraph.co.uk/news/article1392720.ece">http://www.lancashiretelegraph.co.uk/news/article1392720.ece</a>]</td>
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<td>690</td>
<td>11/07/2008</td>
<td>Leon Springs, Texas, USA</td>
<td>Ralph Fair Road bridge will have to be replaced. TexDOT says the Ralph Fair Road bridge over Interstate 10 is hopelessly damaged and will have to be demolished and replaced, a job which is expected to take several months. The bridge has been closed since late June after a truck hauling a propeller wing for a wind power turbine in west Texas slammed into one of the bridge abutments. Engineers say it will be impossible to repair the bridge. Demolition will begin on July 17.</td>
<td>Reported on News Radio 1200 on 11 July 2008 <a href="http://www.windaction.org/news/16777">http://www.windaction.org/news/16777</a> <a href="http://radio.woo.com/cc_common/news/sections/newsarticle.html?id=119078&amp;article=3941971">http://radio.woo.com/cc_common/news/sections/newsarticle.html?id=119078&amp;article=3941971</a></td>
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<td>693</td>
<td>14/07/2008</td>
<td>Brahamasagara, India</td>
<td>Worker reported to be injured during construction of the 34.5MW, 23 turbine Brahamasagara wind farm in India. The rotor assembly fell from the nacelle and crashed to the ground. The injured worker was protected by his safety helmet and was not badly injured. Fatigue was partly to blame, workers regularly working 17 hours per week.</td>
<td>High Potential Injury Lessons Learned Report, investigation summary</td>
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<td>695</td>
<td>15/07/2008</td>
<td>Providence Heights, IL, USA</td>
<td>Bureau County to fine wind farm developer. The Bureau County Board voted in favor of penalizing a rural Tiskilwa wind farm for being in violation of building standards. The board voted 13 to 5 recently to fine Providence Heights wind farm for not maintaining a proper distance from property lines in setting up seven turbines</td>
<td>Reported in Peoria Journal Star on 16th July 2008 <a href="http://www.windaction.org/news/16857">http://www.windaction.org/news/16857</a> <a href="http://www.pjstar.com/news/x2109420454/Bureau-County-to-fine-wind-farm-developer">http://www.pjstar.com/news/x2109420454/Bureau-County-to-fine-wind-farm-developer</a></td>
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<td>697</td>
<td>18/07/2008</td>
<td>Weeze-Wemb windfarm, Norder- Westfalen, Germany</td>
<td>Turbine blade reported thrown on 19 July at the 4 turbine Lower Weeze Wemb windfarm in Germany. The 32 meter long, several-ton piece broke off and fell from 70 meters height.</td>
<td>Reported in online news article <a href="http://www.wd.de/themen/politik/nrw01/windkraft/d8727.html">http://www.wd.de/themen/politik/nrw01/windkraft/d8727.html</a></td>
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<td>698</td>
<td>18/07/2008</td>
<td>Maple Ridge Wind Power Project, Albany, New York, USA</td>
<td>Turbine repairs at Maple Ridge. According to Tod Nash, operations manager for the Maple Ridge Wind Farm, shaft bearings for &quot;only a select few [windmills] upon inspection,&quot; will be needed in the coming months. Nash told the Journal the project will be &quot;hopefully done by winter.&quot; Nash said that the maintenance was not routine, but a warranty situation.</td>
<td>Reported in the Journal and Republican on 17 July 2008 <a href="http://www.wind-watch.org/news/2008/07/19/turbine-repairs-at-maple-ridge">http://www.wind-watch.org/news/2008/07/19/turbine-repairs-at-maple-ridge</a> <a href="http://www.wind-watch.org/news/wp-content/uploads/2008/07/journalrepublican-mapleridgepamps_PJS.jpg">http://www.wind-watch.org/news/wp-content/uploads/2008/07/journalrepublican-mapleridgepamps_PJS.jpg</a></td>
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<td>699</td>
<td>Environmental</td>
<td>20/07/2008</td>
<td>Judith Gap, Montana, USA</td>
<td>Judith Gap Wind Farm taking toll on bats, birds: An estimated 1,200 bats, most of them probably just passing through Montana, were killed after striking wind turbines at the Judith Gap Wind Farm between July 2006 and May 2007, according to a post-construction bird and bat survey. The number surprised Inverenergy, which owns the farm, as well as government and private wildlife experts. &quot;It's killing 1,200 bats a year and that's a lot more than anybody anticipated,&quot; said Janel Ellis of Montana Audubon, a bird conservation group. The study estimates that 406 birds, or 4.52 birds per turbine, were killed during the study period.</td>
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<td>700</td>
<td>Miscellaneous</td>
<td>22/07/2008</td>
<td>Cumberland, Nova Scotia, Canada</td>
<td>RCMP turbine on the fritz again: What was once fixed is now broken again. The RCMP multi-million-dollar wind turbine is on the fritz again after being repaired last fall. &quot;There was a lightning strike that fried some components last year, but we believe this time it's an electrical circuit inside the control room that blew out,&quot; Const. Paul Calder of the Cumberland RCMP said recently.</td>
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<td>701</td>
<td>Environmental</td>
<td>23/07/2008</td>
<td>Altamont Pass, CA USA</td>
<td>New data shows bird kills up in Altamont: New data released this week shows the mortality rate increased 27 percent over two years among raptors targeted in an ongoing monitoring study, according to an executive summary of the data issued by Alameda County's Scientific Review Committee. The increase in the kills of the four targeted raptors - the golden eagle, red-tailed hawk, American kestrel and burrowing owl - is in comparison with a baseline study that took place between March 1998 and May 2003. The new data estimate a total of 2,236 birds from the four targeted species were killed annually.</td>
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<td>702</td>
<td>Blade failure</td>
<td>28/07/2008</td>
<td>Sheffield, Yorkshire, UK</td>
<td>Damaged wind turbine blades under repair: Repairs have started to a giant wind turbine between Sheffield and Rotherham after it was knocked out by a gale. A crack was spotted in the blades of one of two turbines yards from the Sheffield Parkwady during high winds last month. A special fall-safe device cut in to prevent further damage - and the crippled blades were allowed to fall to the ground. Since then, investigations have been going on into the damage at the Advanced Manufacturing Research Centre, where the University of Sheffield operate the two turbines.</td>
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<td>703</td>
<td>Fire</td>
<td>30/07/2008</td>
<td>Budakluse, Hedendorf, Germany</td>
<td>Fire reported - turbine completely destroyed. Estimated damage 2m euro. Fire brigade could do little but seal off 500m exclusion zone and watch it burn. No-one was injured.</td>
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<td>704</td>
<td>Human injury</td>
<td>02/08/2008</td>
<td>Silver Star wind farm, Eastland and Erath Counties, Texas USA</td>
<td>Worker suffered a mild shock when he brushed against an exposed &quot;live&quot; 120v cable.</td>
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705 Miscellaneous 20/08/2008 Results of USA-wide survey of 75 wind farm operators USA

“Maintaining the wind turbine revolution.” In an informal survey of 75 wind farm operators in the United States conducted by Frontier Pro Services, many respondents indicated they had fallen behind on scheduled preventive maintenance such as oil changes and gearbox lubrication because of a shortage of qualified technicians. According to Frontier, the survey found many wind farm operations and maintenance teams are so resource-constrained that they can barely keep up with unscheduled breakdown repairs to wind turbines. “Damage caused by worn out or compromised gear oil can be irreparable,” said Frontier Pro Services lead technical advisor Jack Wallace, who has been servicing wind turbines for more than 20 years. “You can really see that it makes no sense to put off needed oil changes.”

Reported in Lube Report on 20 August 2008
http://www.windaction.org/news/17512
http://www.imakenews.com/lng/e_article001180999.cm?x=bddyQWl,bbgmBtfr

706 Environmental 25/08/2008 Investigations underway into cause of Kerry mudslide North Kerry Ireland

“Investigations underway into cause of Kerry mudslide”. A company which began work on a wind farm on a mountain bog in north Kerry two weeks ago tonight said an independent investigation was being launched into the cause of a massive landslide which killed thousands of wild salmon and trout. Tra Investments Limited in Tralee said geological experts would assess what led to a two kilometre long slick flowing off the Stacks Mountains polluting the most important water supplies... Eamon Cusack, chief executive of Shannon Regional Fisheries Board, said: “All I can say is that we’re following every lead and we’re obviously looking at the windfarm as a possible source of the start of the landslide.”

Reported in the Irish Times on 25th August 2008

707 Environmental 25/08/2008 Wind Turbines to blame for bat deaths: study Pincher Creek, Alberta Canada

“Wind Turbines to blame for bat deaths study” Sudden air pressure changes around wind turbines is likely behind the large numbers of migratory bats found dead in southern Alberta, according to a new University of Calgary study. The two-year study found 99 per cent of the studied bats found dead below turbines near Pincher Creek suffered severe injuries to their respiratory systems consistent with a sudden drop in air pressure that occurs near the turbine blades.

Reported in Calgary Herald 25 August 2008
http://www.windaction.org/news/17622
http://www.canada.com/calgaryherald/news/story.html?id=28d0d9bd-8a39-4b35-b5b4- e997d90960c0
http://www.windaction.org/news/17622

708 Environmental 28/08/2008 Windfarm collision kills eagles Bluff Point, Woolnorth New Zealand

“Windfarm collision kills eagles” A breeding pair of wedge-tailed eagles has been killed at Roaring 40's Woolnorth Bluff Point windfarm in the state's north-west. The first eagle was killed on August 17 and a few days later its mate was also struck. The company said the deaths brought the total number to 12 since the windfarm was fully commissioned in 2004.

Reported in Mercury on 28 August 2008
http://www.windaction.org/news/17682

709 Environmental 03/09/2008 German experts deem wind turbines lethal for bats Germany

“German experts deem wind turbines lethal for bats” German animal campaigners are alarmed by the number of dead bats being found near wind turbines and have called for restrictions on generators in areas with high populations of the nocturnal mammal. “The bats are not only being clobbered to death by the turbines, but can also suffer from collapsed lungs due to the drastic change in air pressure,” said Hermann Hoetker of the Michael Otto Institute for wildlife and the environment.

Reported in Reuters UK on 3 September 2008
http://www.windaction.org/news/17797
http://uk.reuters.com/article/lifestyleMolt/idUKL35680972080903
710 Environmental 04/09/2008 Gordonbush, Brora, Sutherland, Scotland UK
Wind farm plan in new storm over deer slaughter* Animal welfare activists were horrified to learn this week that a massive slaughter of deer is planned to take place as a result of the wind farm development. Around 80 per cent of the deer stock on the 13,304 acre estate are set to be culled, it has emerged. The animals are to be tempted by food into a enclosure and from there to a “culling station”, according to a habitat management report which is not yet in the public domain.
Reported in The Northern Times 4 September 2008
http://www.windaction.org/news/17807

711 Fire 11/09/2008 Marquesado wind park, Andalucía Spain
News report of a wind turbine at the Aeolian Park wind energy facility in Spain destroyed by fire. According to Iberdrola, the exact cause of the fire has not been determined, but is believed to be due to mechanical failure. Firemen, police and company personnel were on the scene. A 120 meter buffer around the turbine was established to ensure the safety of people and property near the fire.
Reported via YouTube
http://www.windaction.org/videos/17956

712 Environmental 15/09/2008 General across UK and Ireland UK and Ireland
Windfarms pose major risks to bats* Windfarms are blamed for the deaths of large numbers of birds, including the threatened hen harrier, that crash into the spinning blades. But, what’s now emerging is that bats are probably more at risk than birds. Up to now little has been known about the effects of windfarms on bats. In Ireland, the National Parks and Wildlife Service (NPWS) Action Plan for Bats 2008 also says the number of dead bats found under turbines is sometimes greater than the number of dead birds.
Reported in The Irish Examiner 15 September 2008
http://www.windaction.org/news/17983

713 Fatal 17/09/2008 St. Cloud, Minnesota USA
Tragic crash. On Sept. 17, Shirlene Nelson of South Haven was killed and her husband, Millard, was injured when the minivan they were in was struck by a truck carrying wind turbine parts. The midday crash occurred at Minnesota Highway 15 and Second Street South in St. Cloud. The Nelsons were married 67 years and very active with many friends, said their son, Terry. The State Patrol is still investigating the cause of the crash. It was the first fatal crash in Minnesota involving a wind load. As a result, MnDOT is working to keep the wind loads out of metro areas such as St. Cloud as much as possible - even if that means the drivers must take a circuitous route, he said. “We can't continue to have an exposure to that kind of risk,” Coulanos said. After the fatal crash, MnDOT began to route the oversized wind-turbine loads west to Sauk Centre instead of through the St. Cloud area.
Reported in St. Cloud Times on 12 November 2008
http://www.windaction.org/news/18759
http://www.sctimes.com/article/20081112/NEWS01/111200025/1009

714 Human injury 17/09/2008 St. Cloud, Minnesota USA
As above crash recording injuries to the survivor.
Reported in St. Cloud Times on 12 November 2008
http://www.windaction.org/news/18759
http://www.sctimes.com/article/20081112/NEWS01/111200025/1009

715 Environmental 23/09/2008 Caddo County, Oklahoma USA
Wind turbines cause some Caddo County residents concern* Wind farm neighbors are worried about the safety of the turbines, which can leak chemicals if they aren’t maintained properly. Those who live in the hills say it happens, and they are worried that the chemicals could leak into their watershed. Bill Cunningham says he has contacted Horizon Wind Energy, and they have been extremely cooperative. He says they hired a private research company to study the wind turbines, and found they indeed were leaking.
Reported by KWGO 7News on 23 September 2008
http://www.windaction.org/news/18873
716 Miscellaneous 24/09/2008 Flat Ridge Wind Farm, Kansas USA Crane Two-Block Incident: Crane damaged by operator when he "two blocked" it. No-one injured but potentially fatal if the load had fallen. High Potential Injury Lessons Learned Report, investigation summary http://www.windaction.org/news/18113

717 Miscellaneous 25/09/2008 Aberdeen, North Dakota USA "Company 'concerned' about PSC complaint, possible fine" The North Dakota Public Service Commission has filed a complaint that Tatanka Wind Farm changed the location of some transmission towers without notifying the commission. A possible fine of up to $200,000 is by no means a certainty. Reported in Aberdeen News on 25 September 2008 http://www.aberdeennews.com/apps/pbcs.dll/article?AID=/20080925/FRONTPAGE/80925038

718 Transport 25/09/2008 American Falls, Idaho USA "Idaho farmers fear road damage to impede harvest" On Sept. 25, a truck carrying the base for a large wind turbine failed to exit the U.S. Interstate 86 freeway, damaging the Exit 40 overchange bridge. Southeastern Idaho farmers fear the damage could impact the fall sugar beet harvest by forcing beet-laden trucks to take an inconvenient detour. Reported in Idaho Statesman on 1 Oct 2008 http://www.windaction.org/news/18214

719 Environmental 02/10/2008 Wolfe Island, Kingston, Ontario Canada "Wind project ship spills fuel near Wolfe Island" About 10 households on an island near Kingston, Ont., have been told to drink only bottled water after a tugboat spilled about 1,500 litres of fuel near shore. The diesel fuel spilled into Lake Ontario near Wolfe Island around 9:30 a.m. Wednesday from a boat carrying equipment for a controversial wind turbine project. Residents have fought hard against the project, saying they are concerned about the environmental effects of installing 86 turbines on such a small island. Reported in CBS News on 2 October 2008 http://www.windaction.org/news/18226

720 Fatal 09/10/2008 Barton Windmill Project, Worth County, Iowa USA A man was struck by a fork lift as he worked on the Barton Windmill Project, just North of Grafton in Worth County. The Worth County Sheriff’s Office determined a fork lift ran over an employee of Warcek Construction of Fargo, North Dakota. Dick Hamilton, 46 of Tishomingo, Oklahoma was hit when the driver of an all terrain, Caterpillar fork lift didn’t see him on October 9. Hamilton died later from his injuries at a local hospital. Reported on KIMT News 3 on 30 December 2008 http://www.windaction.org/news/19331

721 Structural failure 16/10/2008 Searsburg, Vermont USA "Wind turbine repairs scheduled; Five of 10 machines turned off due to defects" After a recent routine maintenance check, it was found that five of the Taconite Ridge wind farm turbines had non-structural defects in some of the blades. The affected turbines were shut down and are awaiting repairs, which are expected to go through the end of the year. Amy Rutledge, Minnesota Power communications manager, said Friday. Reported by Industrial Wind Action Group 16 October 2008 http://www.windaction.org/releases/18394

722 Environmental 16/10/2008 Searsburg, Vermont USA Turbine #10 at the Searsburg wind energy facility in Searsburg, Vermont experienced a catastrophic failure when one of the blades came in contact with the turbine’s tower causing it to buckle during high winds. This turbine’s 28-ton nacelle and 3-blade rotor assembly crashed to the ground scattering debris several hundred feet from the structure. Reported by Industrial Wind Action Group 16 October 2008 http://www.windaction.org/releases/18394

723 Blade failure 18/10/2008 Taconite Ridge wind farm, Minnesota USA "Wind turbine repairs scheduled; Five of 10 machines turned off due to defects” After a recent routine maintenance check, it was found that five of the Taconite Ridge wind farm turbines had non-structural defects in some of the blades. The affected turbines were shut down and are awaiting repairs, which are expected to go through the end of the year, Amy Rutledge, Minnesota Power communications manager, said Friday. Reported by Mesabi Daily News on 18 October 2008 http://www.windaction.org/news/18438
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<th>Source</th>
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<tbody>
<tr>
<td>22/10/2008</td>
<td>Shaffer Mountain Wind Project, Ogletown, PA USA</td>
<td>Environmental</td>
<td>Gamsea “Wind farm violates law, environmental groups say” Three environmental groups said Wednesday afternoon that they have obtained federal government records that show that the proposed site of the Shaffer Mountain Wind Project outside Ogletown is indisputably occupied habitat of the endangered Indiana bat, and that habitat used by the species already has been illegally destroyed. The news release also said that in March 2007, Gamesa cut trees at the site although they were told by the FWS that they could do so only if surveys failed to locate any bats at the site.</td>
<td>Reported by The Tribune-Democrat on 22 October 2008 <a href="http://www.windaction.org/news/18498">http://www.windaction.org/news/18498</a> <a href="http://www.tribunedemocrat.com/local/local_story_296225130.html">http://www.tribunedemocrat.com/local/local_story_296225130.html</a></td>
</tr>
<tr>
<td>22/10/2008</td>
<td>Bureau County, Illinois USA</td>
<td>Blade failure</td>
<td>“Blade breaks off wind tower near Wyanet” A wind turbine blade came crashing to the ground Wednesday, halting energy production at a small-scale wind farm southwest of Wyanet because of what may be a defective design. In all, four turbines on Richard Schertz's property - all part of the AgritWind facility in central Bureau County - have stopped turning after a blade on top of one of the towers broke off about 9:30 a.m. It wasn't until about noon that Schertz went outside and saw that the blade on one of the turbines had broken off near its base. The blades are 140 feet long and 15 feet wide at their widest point.</td>
<td>Reported in Journal Star on 23 October 2008 <a href="http://www.windaction.org/news/18513">http://www.windaction.org/news/18513</a> <a href="http://www.pjstar.com/news/x1795263771/Blade-breaks-off-wind-tower-near-Wyanet">http://www.pjstar.com/news/x1795263771/Blade-breaks-off-wind-tower-near-Wyanet</a></td>
</tr>
<tr>
<td>25/10/2008</td>
<td>Grut Field hill, Voe, Shetland UK</td>
<td>Structural failure</td>
<td>“Hurricane topples test mast” Winds gusting in excess of 110 miles per hour have toppled a test mast belonging to Viking Energy, the company that hopes to build a massive wind farm in Shetland. The 105 metre high anemometer mast on the 275 metre Grut Field hill, halfway between Voe and Weisdale, was blown down in the hurricane that swept across the isles on 25 October.</td>
<td>Reported in Shetland News, 5 November 2008 <a href="http://www.windaction.org/news/18553">http://www.windaction.org/news/18553</a> <a href="http://www.faribaultcountyregister.com/page/content.detail/id/500502.html?nav=5002">http://www.faribaultcountyregister.com/page/content.detail/id/500502.html?nav=5002</a></td>
</tr>
<tr>
<td>27/10/2008</td>
<td>Faribault County, Minnesota USA</td>
<td>Blade failure</td>
<td>“All Repairs: Cracked blade replaced at Corn Plus” When it came time to start repairing a wind turbine at the ethanol plant on Oct. 15, the project had to be put on hold. “The blade has been cracked all summer. It’s been frustrating,” says Dan Moore, director of project development for Renewable Energy Solutions. When the broken blade was discovered, the turbine furthest from the ethanol plant had to be shut down. All three blades needed to be replaced, says Moore.</td>
<td>Reported by Faribault County Register on 28 October 2008 <a href="http://www.windaction.org/news/18554">http://www.windaction.org/news/18554</a> <a href="http://www.faribaultcountyregister.com/page/content.detail/id/509500.html?tag=5202">http://www.faribaultcountyregister.com/page/content.detail/id/509500.html?tag=5202</a></td>
</tr>
<tr>
<td>28/10/2008</td>
<td>Palm Springs, California USA</td>
<td>Environmental</td>
<td>More than 100 broken windmills dot the landscape in California near Palm Springs as does the growing litter of broken blades. Evidence of leaking fluids, a trash pile of wasted parts, and broken turbines.</td>
<td>Reported by windaction.org <a href="http://www.windaction.org/pictures/18806">http://www.windaction.org/pictures/18806</a></td>
</tr>
<tr>
<td>ID</td>
<td>Date</td>
<td>Location</td>
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<td>729</td>
<td>09/11/2008</td>
<td>Gulf Winds project, Kenedy County, Texas USA</td>
<td>Section of falling tower causes death; Wind farm work stops as officials investigate event. A falling section of a lattice tower used for wind measurements caused the death of a contract worker on Sunday at a Kenedy County wind farm, his employer said Tuesday. Matthew Peterson, a 25-year-old test technician, died while working at Babcock and Brown Ltd’s Gulf Winds project. ‘The Kenedy County Sheriff’s Office was called to the wind farm at about 6 p.m. on Sunday. Peterson, employed out of GEC’s Seattle office, was working with another man when the injury occurred,’ Richardson said.</td>
<td><a href="http://www.caller.com/news/2008/nov/11/wind-farm-death-caused-lattice-tower-employee-said/?partner=RSS">Caller Times</a></td>
</tr>
<tr>
<td>731</td>
<td>13/11/2008</td>
<td>Rhyl Flats offshore wind, North Wales UK</td>
<td>£50m windfarm barge sinks on way to North Wales” A barge worth £50 million toppled into the sea and sank as it was being towed to the site of an offshore North Wales windfarm. Work on the controversial Rhyl Flats windfarm will now be delayed as a result. The barge was carrying giant cranes set to carry out vital work at the windfarm when it was lost overboard and sank to the bottom of the Atlantic. There was reportedly to be no loss of life or injury to the crew during the incident at the end of October and the company say the barge is fully insured. Date is of news report.</td>
<td><a href="http://www.dailypost.co.uk/news/north-wales-news/2008/11/13/50m-windfarm-barge-sinks-on-way-to-north-wales-55578-22245339">Daily Pilot</a></td>
</tr>
<tr>
<td>732</td>
<td>16/11/2008</td>
<td>Windsor, Colorado USA</td>
<td>Environmental 16/11/2008 Windsor, Colorado USA “Vestas cleans up flammable spill” A Sunday morning leak in a paint thinner pipe at the Vestas Blades paint building allowed about 20 to 30 gallons of the flammable material to be spilled. ...The spill is believed to be the first of its kind at the $60 million wind turbine blade manufacturing plant located on an 80-acre site in the Great Western Industrial Park. Officials do not know what caused the leak or how much it will cost to repair the pipe or pay for the cleanup. Belfor officials referred questions to Vestas Blades. Vestas officials did not respond to an e-mail request for comment Monday afternoon.</td>
<td><a href="http://www.windaction.org/news/18849">Windaction.org</a></td>
</tr>
<tr>
<td>733</td>
<td>18/11/2008</td>
<td>Groningen Holland</td>
<td>Environmental 18/11/2008 Groningen Holland Death of sea eagle reported. Protected species reported.</td>
<td><a href="http://www.windserviceholland.nl/newsread_more_64.html">Wind Service Holland</a></td>
</tr>
<tr>
<td>735</td>
<td>23/11/2008</td>
<td>Winnebago County, Minnesota USA</td>
<td>Human injury 23/11/2008 Winnebago County, Minnesota USA “Worker OK following wind farm accident” A wind farm worker is okay following a crane accident Sunday morning. A Winnebago County Sheriff's report confirms Billy Cody was trapped in a crane at the construction site located between Forest City and Thompson. A crane had tipped and Cody had to be extricated from the operator's compartment. The cab was about 10-to-12 feet in the air. A rescue squad member said that made getting Cody down a &quot;long and difficult&quot; operation. Cody was flown to Mercy Medical Center North Iowa. Cody was later treated and released.</td>
<td><a href="http://www.kimt.com/news/local/35053/585">KimT News</a></td>
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<tr>
<td>Date</td>
<td>Occurrence Type</td>
<td>Location</td>
<td>Details</td>
<td>Reporting Source</td>
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<td>23/11/2008</td>
<td>Human injury</td>
<td>Robin Rigg offshore windfarm, Solway Firth, Scotland</td>
<td>A windfarm worker hacked off the top of his finger in a horror accident on Sunday afternoon. The 45-year-old commercial marine surveyor was working on the Robin Rigg offshore wind farm in the Solway Firth when the accident happened. Kirkcudbright Lifeboat and Coastguard were called to the scene and rushed the Portsmouth man – and the tip of his finger in a bag of ice – to the mainland, where he was treated at Dumfries and Galloway Royal Infirmary.</td>
<td>Reported by the Dumfries and Galloway Standard on 26 November 2008</td>
</tr>
<tr>
<td>30/11/2008</td>
<td>Human injury</td>
<td>Parque Eolico de Pinheiro, Serra de Montemuro, Portugal</td>
<td>Two men reported to be injured and had to be rescued from the Pinheiro wind park (in Portuguese)</td>
<td>Reported by EcoTresas on 22 April 2011</td>
</tr>
<tr>
<td>01/12/2008</td>
<td>Blade failure</td>
<td>Taconite Ridge Wind Farm, Minnesota, USA</td>
<td>Windmills at Iron Range wind farm grind to a halt after defects found. Seven of the 10 wind turbines at Minnesota Power's Taconite Ridge wind farm are shut down for repairs. The $50 million project came fully online early this summer. But this fall, inspectors with the turbine manufacturer discovered defects in seven of the wind turbines' blades. Those turbines were shut down.</td>
<td>Reported by Duluth News Tribune on 1 December 2008</td>
</tr>
<tr>
<td>01/12/2008</td>
<td>Ice throw</td>
<td>King's Dyke, Whitnash, Leicestershire, UK</td>
<td>Wind turbine's deadly ice shower! Residents were left fearing for their safety after shards of melting ice fell on homes and gardens from the blades of a giant wind turbine. For about four hours people in King's Dyke, Whitnash, had to take cover as huge lumps - some two feet long - showered them from the 80 metre high tower on Saturday morning. Resident Peter Randall, whose son's house lies a stone's throw away from the turbine, said: &quot;Somebody is going to get killed. There was huge lumps of ice shooting off and landing everywhere.&quot;</td>
<td>Reported in The Evening Telegraph on 1 December 2008</td>
</tr>
<tr>
<td>01/12/2008</td>
<td>Human injury</td>
<td>Elkhorn Ridge, Bloomfield, Nebraska, USA</td>
<td>3 workers injured in wind farm fire! An explosion and fire at a wind farm under construction in northeast Nebraska has injured three workers. One man, who was atop a tower when a turbine exploded, received first- and second-degree burns in the fire Tuesday morning. Two others, who were nearby, were treated for smoke inhalation and released.</td>
<td>Reported in Journal Star on 1 December 2008</td>
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<tr>
<td>01/12/2008</td>
<td>Fire</td>
<td>Elkhorn Ridge, Bloomfield, Nebraska, USA</td>
<td>3 workers injured in wind farm fire! An explosion and fire at a wind farm under construction in northeast Nebraska has injured three workers. One man, who was atop a tower when a turbine exploded, received first- and second-degree burns in the fire Tuesday morning. Two others, who were nearby, were treated for smoke inhalation and released.</td>
<td>Reported in Journal Star on 1 December 2008</td>
</tr>
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</table>
742 Transport 07/12/2008 Cohocton, Steuben County, NY USA "Wind farm developer to fix roads" It will cost energy developer First Wind more than $1.1 million to repair roads used in the construction of two wind farms in the hills surrounding the town of Cohocton. Seven miles of county Route 35, listed in fair condition before construction began, will need extensive repairs, including four miles of rebuilding.


743 Fatal 17/12/2008 Santa Clarita, Los Angeles, CA USA "Wind blows helicopter into mechanic, killing him" A man who was hit by a falling helicopter near Los Angeles has died. Authorities say a gust of wind caused the chopper to spiral out of control today in a canyon area north of Los Angeles. They say a blade hit an Edison power mechanic on the ground, killing him. The helicopter pilot suffered minor injuries, but refused to go to a hospital. The helicopter was being used in a project to string new transmission lines to bring in power from wind farms.


744 Human injury 17/12/2008 Dexter, Mower County, MN USA "Man burned while working on wind turbine near Dexter" A 33-year-old man is recovering from a severe electric burn he sustained Tuesday afternoon while working on a wind turbine north of Dexter, the Mower County sheriff says. Eric Allen Chian, of Osseo, Minn., was listed in fair condition Wednesday at Saint Marys Hospital in Rochester, according to a Mayo Clinic spokeswoman. Officials believe the turbine was electrically charged when Chian was working on it, giving the worker an electrical burn on his left arm, Amazi said.


745 Ice throw 17/12/2008 Eemshaven Holland Ice throw reported by drivers onto nearby roads. No damage reported.

Reported in Wind Service Holland, Nieuws-incidenten (in Dutch) http://home.kpn.nl/winds/h/incident.html

746 Blade failure 22/12/2008 Norway Wind Park, Prince Edward Island Canada V-90 Storm damages wind turbine. One of the blades of a Suez Energy North America V-90 wind turbine situated approximately 1,600 feet away from a resident's house, was damaged. Pieces were dangling from the blade and other pieces were strewn throughout a field, right up to her back door (490m distance). A Suez Energy spokesperson reported that blades on two of the three turbines in Suez Renewable Energy North America's Norway wind park sustained some damage.


747 Miscellaneous 2008 Texas USA Siemens No details of incident. Restoration of 21 wind turbines damaged components. Location likely to be of AREPA's work


748 Fire 2008 Texas USA Siemens No details of incident. Restoration of fire damaged components. Location likely to be of AREPA's work


749 Miscellaneous 2008 Grindsted Denmark Vestas No details of incident. Restoration of lightning damaged components. Location likely to be of AREPA's work


750 Fire 2008 Nibe Denmark Vestas No details of incident. Restoration of fire damaged components. Location likely to be of AREPA's work


751 Fire 2008 Viborg Denmark Vestas No details of incident. Provision of analysis and advice on fire damaged components. Location likely to be of AREPA's work


752 Fire 2008 Aarhus Harbour Denmark No details of incident. Provision of analysis and advice on fire damaged components. Location likely to be of AREPA's work

<table>
<thead>
<tr>
<th>Incident Type</th>
<th>Date</th>
<th>Location</th>
<th>Turbine</th>
<th>Description</th>
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<tbody>
<tr>
<td>Fire</td>
<td>2008</td>
<td>Ulfborg, Denmark, Vestas</td>
<td>USA</td>
<td>Details of incident. Provision of analysis, advice and restoration of fire damaged components. Location likely to be of AREPA's work.</td>
<td><a href="http://www.arepa.com/Products%20&amp;%20Solutions/Wind%20turbines/index.html">http://www.arepa.com/Products%20&amp;%20Solutions/Wind%20turbines/index.html</a></td>
</tr>
<tr>
<td>Fire</td>
<td>2008</td>
<td>Horse Hollow Wind Farm, Texas</td>
<td>USA</td>
<td>Details of incident. Provision of analysis, advice and restoration of damaged components. Location likely to be of AREPA's work.</td>
<td><a href="http://www.arepa.com/Products%20&amp;%20Solutions/Wind%20turbines/index.html">http://www.arepa.com/Products%20&amp;%20Solutions/Wind%20turbines/index.html</a></td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>2008</td>
<td>Lyth &amp; Tinet Dowsing, UK</td>
<td>USA</td>
<td>Details of incident. Provision of analysis, advice and restoration of fire damaged components. Location likely to be of AREPA's work.</td>
<td><a href="http://www.arepa.com/Products%20&amp;%20Solutions/Wind%20turbines/index.html">http://www.arepa.com/Products%20&amp;%20Solutions/Wind%20turbines/index.html</a></td>
</tr>
<tr>
<td>Ice Throw</td>
<td>2009</td>
<td>King's Dyke, Whittlesey, Cambridge, UK</td>
<td>UK</td>
<td>A sensor which should switch off a wind turbine in icy conditions has failed - for the second time.</td>
<td><a href="http://www.windaction.org/news/19897">http://www.windaction.org/news/19897</a></td>
</tr>
<tr>
<td>Blade Failure</td>
<td>2009</td>
<td>US Forest Service wind turbine, Netherland, Colorado, USA</td>
<td>USA</td>
<td>US Forest Service wind turbine reported damaged by 100mph winds. One blade sheared off. One of two turbines at Netherland Work Center, CO. First strong winds since the turbines were installed on 20 January.</td>
<td><a href="http://www.windaction.org/news/19737">http://www.windaction.org/news/19737</a></td>
</tr>
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766 Miscellaneous 30/01/2009  Robin Rigg, Irish Sea  UK  Offshore workers operating on a new UK wind farm development were forced to evacuate a construction barge in severe sea conditions after their vessel lost three anchor lines. 42 workers were rescued  Reported on 30 January 2009 in offshore247.com  http://www.offshore247.com/news/art.aspx?i=129008

767 Fire 02/02/2009  Cathedral Rocks Wind Farm, Port Lincoln, South Australia  A $6 million wind turbine has caught fire near Port Lincoln, starting blazes on the ground as embers fall. The fire, at the Cathedral Rocks Wind Farm about 30km southwest of the town, was first noticed by a boat about 1am. The turbine is alight halfway up its 65m structure, making it difficult for the 14 Country Fire Service firefighters trying to deal with it to extinguish the blaze.  Reported on 2 February 2009 in Adelaide Now  http://www.windaction.org/news/19796  http://www.news.com.au/adelaidenow/story/0,22606,2500104-5006301,00.html

768 Ice throw 02/02/2009  Melanchton wind farm, Shelburne, Ontario  Canada  Report of ice throw and turbine shut down. Comments to online article mention road signs on approach to Enbridge Ontario Wind Farm say “Caution – During Potential Icing Conditions Stay Back 305 Meters From Turbines”  Reported in TheStar.com on 2 February 2009  http://www.thestar.com/article/580787


770 Ice throw 04/02/2009  Eemshaven and Delfzijl  Holland  Ice throw reported. Turbines shut down. No damage reported  Reported in Wind Service Holland, Nieuws - Incidenten (in Dutch)  http://www.mpmail.co.uk/news/barrow/dricken-barge-hits-dock-1.507190

771 Human injury 04/02/2009  Pico de Meda wind farm, Galicia  Spain  Los parques eolicos se convierten en otro escenario de grandes accidentes laborales (in spanish - trans. - Wind parks become another scene of serious labour accidents). Article reports turbine blade fell on a 38-year old worker, fracturing his pelvis. He was hospitalised as a result. This was within a week of a fatality on 4 February.  Reported in La Voz de Galicia on 5 February 2009  http://www.mpynegro.info/2004/spip.php?fr=5de25628

772 Fatal 04/02/2009  Pico de Meda wind farm, Galicia  Spain  Los parques eolicos se convierten en otro escenario de grandes accidentes laborales (in spanish - trans. - Wind parks become another scene of serious labour accidents). The article reports the death of a windfarm worker on 4 February 2009 but provides little additional information on the accident. This happened in the same week as another accident where a worker suffered a fractured pelvis after a turbine blade fell on him.  Reported in La Voz de Galicia on 5 February 2009  http://www.mpynegro.info/2004/spip.php?fr=5de25628


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<th>Details</th>
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<tr>
<td>15/02/2009</td>
<td>Skegness, UK</td>
<td>Skegness wind turbine cable snaps £1m pm loss. A cable from the Skegness wind turbine has snapped causing £1m per month loss of revenue from the renewable energy programme. Emergency repairs are now being carried out to Cable 5 which runs from the wind farm onto the shore at Skegness just south of the North Shore Hotel. The repair work is expected to take a week to complete and is said to be “costing a fortune”.</td>
<td>Reported in Skegness Magazine on 14 February 2009</td>
</tr>
<tr>
<td>20/02/2009</td>
<td>Waverly, Iowa</td>
<td>SITE SAFELY EVACUATED AS CONSTRUCTION CREWS REPORT PROBLEM WITH WIND TURBINE. The construction company, ICS of North Dakota, lifted the wind turbine rotor assembly, to which the blades attach, 246 feet high into place late yesterday afternoon. After it was lifted it was discovered the blades were not “feathered” or turned properly so they could not catch the wind. In the position the blades are in, the wind caught the blades causing them to spin. When this was discovered, the O’Brien county sheriff's department was notified and all personnel were evacuated, including two homeowners who were outside of the recommended danger zone. Appears to be a brake system failure.</td>
<td>Press release by Waverly Light &amp; Power on 21 February 2009</td>
</tr>
<tr>
<td>21/02/2009</td>
<td>Waverly, Iowa</td>
<td>Part of wind turbine breaks and lands in open field. Part of a wind turbine under construction broke apart Saturday morning. The problem started Friday when construction crews were installing a second wind turbine for Waverly Light and Power. During the process, a construction error caused the rotor and blades to start moving in the wind prematurely - spinning uncontrollably and unable to stop until it broke. The broken piece weighing 50 tons fell 246 feet and missed nearby equipment and empty vehicles barricading off the site. No one was injured.</td>
<td>Reported by KWWL TV 7 on 21 February 2009</td>
</tr>
<tr>
<td>23/02/2009</td>
<td>Newburyport, MA</td>
<td>Ice throw filmed and photographed from turbine located 318ft from a public rail trail, 350ft from US Route 1 and 800 ft from a residence. Distance ice thrown not documented. Turbine continued to rotate rather than shut down.</td>
<td>Reported by Windaction.org on 23 February 2009</td>
</tr>
<tr>
<td>01/03/2009</td>
<td>Crescent Ridge Wind Farm, Bureau County, Illinois</td>
<td>Reported death of 93 bats and 31 birds during 2008.</td>
<td>Reported in Chicago Tribune on 1 March 2009</td>
</tr>
<tr>
<td>06/03/2009</td>
<td>Altona, Clinton County, New York</td>
<td>Noble Environmental Power confirms Altona turbine collapse. Noble Environmental Power has confirmed that a turbine collapsed at its Altona, N.Y., wind park Friday morning, but said no one was injured in the collapse and ensuing fire. In a statement released by the company Friday, company spokeswoman Maggy Wisniewski confirmed one turbine had collapsed and that a small fire resulted, but she refused to speak on the record with a NewsChannel 5 reporter.</td>
<td>Reported in NewsChannel 5 on 6 March 2009</td>
</tr>
</tbody>
</table>
781  Blade failure  18/03/2009  Corning, CA  USA  ReDriven  "ReDriven turbines continue to fall apart!"  Report details damage to turbine at organic fig farm packing operation (two weeks previously). One blade at least 100 yards away from the turbine, a second at the bottom of the tower, and a third still attached. Quote "It's a good thing the harvest was in, there is usually 20 people working around this windmill."

Reported by Windaction on 19 March 2009  http://www.windaction.org/news/20719

782  Blade failure  18/03/2009  Artios, CA  USA  ReDriven  "ReDriven turbines continue to fall apart!"

Reported privately  http://www.windaction.org/news/20719

783  Blade failure  26/03/2009  Grand Ridge wind farm, USA  GE 1.5MW, 77m tower  Blade failure photographed by local residents on or before 26 March 2009. No press coverage can be found


784  Fire  01/04/2009  Zaragoza province  Spain  Fire at wind farm site in Zaragoza province. Reported privately  http://noticiasmediambiental.blogspot.co.uk/2009/04/los-aerogeneradores-uc.html

Reported privately  http://www.windaction.org/news/20719

785  Blade failure  18/04/2009  Grand Ridge wind farm, USA  GE 1.5MW, 77m tower  Blades replaced after blades were thrown off a similar turbine at Perkins High School in February


786  Miscellaneous  28/04/2009  Smoky Hills Wind Farm, Kansas  USA  Report of replacement for blown transformer which left "scores of wind turbines" idle for four months. Transformer blew approx December 2008. Date here is of news report of its replacement

Reported by Eyewitness News TV58 on 4 May 2009  http://www.columbian.com/article/20090519/NEWS02/705199958

787  Structural failure  30/04/2009  North Palm Springs, CA  USA  "Windmill disintegrates". The turbine close to Highway 58 which initially suffered brake failure disintegrated completely two or three days later.


788  Miscellaneous  05/05/2009  Tehachapi Wind Farm, USA  Vestas  A wind turbine 1400ft from Highway 58 suffered suspected brake failure, causing it to spin out of control. The Highway was closed to traffic indefinitely between Highways 202 and 14, causing a 25 mile, 2 hour delay for drivers.


789  Blade failure  06/05/2009  19 turbines at various locations  USA  ReDriven  Blades replaced on turbines across various locations.


790  Structural failure  11/05/2009  Tehachapi Wind Farm, USA  Vestas  "Windmill disintegrates". The turbine close to Highway 58 which initially suffered brake failure disintegrated completely two or three days later.


791  Human injury  11/05/2009  Kern County, CA  USA  Article reports AES wind turbine worker suffered injuries atop a wind turbine "several weeks ago". Kern County Fire Department carried out a rescue operation that involved lowering him down the outside of the turbine. Actual date is not known - mid April 2009


792  Fire  13/05/2009  Locust Ridge I Wind Farm, Pennsylvania  USA  Firefighters respond to wind turbine fire in Mahanoy Township. Fire reported at one of the 13 turbines at Locust Ridge I Wind Farm


793  Environmental  18/05/2009  Goodnow Hills Wind Project, WA  USA  "Washington wind turbines claim first known eagle victim". Report states that a Golden Eagle was killed in April.


794  Blade failure  19/05/2009  Cohocton, NY  USA  Clipper turbines  Article reports cracked blades requiring replacement - 17 of 50 turbines shut down, and perhaps every blade needing replacement


795  Transport  18/05/2009  Cohocton, NY  USA  Article reports lawsuit between the town and wind turbine site operator, following damage to roads and out-of-hours truck transports which is a violation of agreements


796  Environmental  18/05/2009  Big Horn Wind Energy Project, WA  USA  Report states that the Big Horn project killed 243 raptors in its first year of operation (2007), against a company estimate of 33 raptor deaths per year

797 Environmental 21/05/2009 Penghu archipelago Taiwan

"Wind farm kills Taiwanese goats". BBC article reports over 400 goats have died since 8 wind turbines were installed close to their grazing. The report suggests that they died of exhaustion from sleep deprivation caused by turbine noise.

Reported by BBC Asia-Pacific News on 21 May 2009

http://news.bbc.co.uk/1/hi/world/asia- pacific/8060966.stm

798 Structural failure 27/05/2009 Lelystad Holland

Wind turbine blade falls off and thrown onto highway A8. One lane of the highway was closed - photos clearly show the blade lying across the highway. The police reported that it was "a miracle" there were no accidents.

Reported in De Telegraaf on 27 May 2009


799 Structural failure 31/05/2009 Wilton, North Dakota USA

"Wind farm blade bent". Turbine blade reported to be bent in half the previous Sunday morning. No explanation was offered.

Reported by KFYR-TV 5 on 3 June 2009

http://www.kfyrtv.com/News_Stories.asp?newsnumber=30794

800 Miscellaneous 31/05/2009 East Point, Prince Edward Island Canada

Vestas V90 3MW 6 out of 10 turbines shut down due to gearbox failure. The gearboxes were eventually replaced.

Statement by PEI Government on 6 May 2009


801 Fatal 01/06/2009 Tolta wind park, Pampilhosa Mountains Portugal

"Um morto e dois feridos em descarga eléctrica" (One killed and two injured in electrical discharge). 28 year old maintenance worker electrocuted and died after an incident with the high voltage line. (Original article in Portuguese)

Reported in Jornal de Notícias on 1 June 2009

http://www.windaction.org/news/21444

802 Human injury 01/06/2009 Tolta wind park, Pampilhosa Mountains Portugal

"Um morto e dois feridos em descarga eléctrica" (One killed and two injured in electrical discharge). Two maintenance worker were electrocuted and badly injured after an incident with the high voltage line. The men, aged 24 and 28, suffered severe burns to their arms and legs (Original article in Portuguese)

Reported in Jornal de Notícias on 1 June 2009

http://www.windaction.org/news/21444

803 Miscellaneous 04/06/2009 Libertyville, Illinois USA

"Judge orders shut down of turbine due to excessive noise"

Reported in Lake County News Sun on 4 June 2009

http://www.windaction.org/news/21453

804 Transport 07/06/2009 Kellogg, Iowa USA

"Attempt to move trailer backs up I-80". Traffic backed up for 10 miles after crews tried unsuccessfully to remove a turbine tower and trailer from a ditch. Some minor public accidents were also reported. The trailer had been in the ditch for a week.

Reported in Des Moines Register on 8 June 2009

http://www.windaction.org/news/21457

805 Blade failure 12/06/2009 Flat Ridge Wind Farm, Kansas USA

"Cracks appear in Flat Ridge turbines". Just 3 months after starting operation, blades at the Flat Ridge Wind Farm are developing cracks. These are Clipper turbines

Reported in The Pratt Tribune on 12 June 2009

http://www.pratttribune.com/homepage/882/26526

806 Transport 13/06/2009 Bangor, Maine USA

"Turbine blade breaks Bangor traffic light". Blade being transported hit and broke a traffic light and pulled down wires.

Reported in Bangor Daily News on 15 June 2009

http://www.bangordailynews.com/detail/108429.html

807 Transport 15/06/2009 Charleston, Illinois USA

"Semitruck collision with wind turbine ties up Illinois 130 traffic". Collision between semitrailer and blade trailer. No one injured

Reported in Herald and Review on 16 June 2009


808 Miscellaneous 17/06/2009 Vestas UK

"Safety breaches cost blade manufacturer nearly £500,000". Breaches of HSE regulations during blade manufacture at their Isle of Wight works. Thirteen employees suffered ill-health effects.

Reported in Country Press on 17 June 2009

http://www.windaction.org/news/21629

809 Blade failure 23/06/2009 Kirnheaton, Northumberland UK

"Faulty Northumberland wind turbines could be taken down". EDF said "some technical issues were uncovered with some of the blades". Two turbines have had their blades removed and have not worked since Autumn 2008. A planning condition is that if turbines are not in operation for more than six months, they should be removed.

Reported in The Journal on 23 June 2009


810 Miscellaneous 24/06/2009 Cape Breton, Nova Scotia Canada

"Lightning zaps Gliric turbines". Seven wind turbines in Cape Breton at a standstill after being struck by lightning. Damage was reported and replacement parts are needed.

Reported in Chronicle Herald on 24 June 2009

http://thechronicleherald.ca/News/1123883.html

http://www.windaction.org/news/21721
<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Details</th>
<th>Source</th>
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<tbody>
<tr>
<td>02/07/2009</td>
<td>Brieske, Germany</td>
<td>Blade reported to have &quot;exploded&quot; following a lightning strike the previous day. Parts thrown 150m and landing within only 50m from federal highway 169. Blade parts thrown were up to 40m (translated). No-one injured.</td>
<td>Reported in Lausitzer Rundschau on 3 July 2009</td>
<td><a href="http://www.lrr-online.de/regionen/Senftenberg-Brieske-Schwarzheide-WindKraftbunte-Bltzenerblindung-Windrad/article1054.2590458">http://www.lrr-online.de/regionen/Senftenberg-Brieske-Schwarzheide-WindKraftbunte-Bltzenerblindung-Windrad/article1054.2590458</a></td>
</tr>
<tr>
<td>05/07/2009</td>
<td>Japan</td>
<td>Wind power has its own environmental problems. The death of 13 white tailed eagles, a rare and protected species, through collisions with wind turbines since 2003 is confirmed by the Ministry. Health effects on humans also reported.</td>
<td>Reported in Miami Herald on 5 July 2009 by Noriyuki Yoshida AND Koichi Yasuda</td>
<td><a href="http://www.windaction.org/news/21921">http://www.windaction.org/news/21921</a></td>
</tr>
<tr>
<td>21/07/2009</td>
<td>Wind farm construction site, Pictou County, Canada</td>
<td>Two dead at Pictou County construction site&quot; Canadian Police are ruling out foul play or suicide in the death of a young man and woman at a Pictou County wind turbine construction site. A 22-year-old man and 18-year-old woman were found dead Sunday evening in a shed at a wind turbine construction site near Mount Thom. RCMP spokesman Sgt. Phil Oliver tells CTV News their deaths may be related to a fuel-fired generator in the shed. &quot;There is a possibility that carbon monoxide may be associated, or a factor involved in the death, but that is not confirmed,&quot; he said. The Herald reports investigators did find high levels of gas in the building. The young male victim was an employee at the site and the young woman was visiting him. Later reports confirmed the deaths to be due to carbon monoxide poisoning.</td>
<td>Reported in The Herald, 21 July 2009 and online on CBS News and News 95.7</td>
<td><a href="http://www.cbc.ca/canada/nova-scoria/story/2009/07/21/nhs-carbon-monoxide-deaths.html">http://www.cbc.ca/canada/nova-scoria/story/2009/07/21/nhs-carbon-monoxide-deaths.html</a></td>
</tr>
<tr>
<td>23/07/2009</td>
<td>Judith Gap, Harlowton, Montana, USA</td>
<td>Lightning takes down 127-foot wind blade. Lightning knocked out two wind turbines and sent a massive tower blade crashing to the ground at the Judith Gap Wind Farm last month, the company said Wednesday. Repairs began earlier this month and will continue into September, said Susan Dennison, an Invenergy spokeswoman. No workers were on the site at the time of the accident, which occurred at 6:20 p.m.</td>
<td>Reported in Great Falls Tribune on 23 July 2009</td>
<td><a href="http://www.windaction.org/news/22357">http://www.windaction.org/news/22357</a></td>
</tr>
<tr>
<td>31/07/2009</td>
<td>Oxford, Southern Nebraska, USA</td>
<td>&quot;Train collides with semi&quot; A semi-trailer hauling the base of a wind turbine was crossing the railroad tracks when a train, going about 60 MPH, collided with the rear of the trailer. Both the train locomotive and semi-trailer were totaled in the accident, and the wind turbine base was also damaged. The accident happened just south of Oxford along Nebraska Highway 46 late Wednesday afternoon. Damages total an estimated $3 million, in an accident that could have been avoided.</td>
<td>Reported in New York Times and also Nebraska TV online on 30 July 2009</td>
<td><a href="http://www.oabaska.in/EB/ebstory.asp?ID=10815703&amp;nav=menu605_22">http://www.oabaska.in/EB/ebstory.asp?ID=10815703&amp;nav=menu605_22</a></td>
</tr>
</tbody>
</table>
818 Fire 08/10/2009 Kent Hills wind farm, New Brunswick, Canada Vestas V90 "Turbine catches fire". One of the 32 wind turbines operating at the Kent Hills wind farm caught fire over the weekend. A passerby saw smoke and called the fire department. Officials haven't been able to confirm the cause of the fire yet. Vestas later claimed that the fire was "the first of its kind". Reported by TransAlta Corporation on 8 August 2009 and by Times & Transcript on 10 August 2009.

819 Miscellaneous 15/08/2009 Little Cheyne Court wind farm, Romney Marsh, Kent, England UK "Wind turbines stopped by power fault". A power fault has shut down nearly a quarter of the turbines at Little Cheyne Court on Romney Marsh - the biggest onshore wind farm in the south of England - just a month after it was officially opened. Seven out of the 26 wind turbines on the isolated land on the Kent-East Sussex border have been hit by technical problems. Reported by Telegraph online on 15 August 2009.

820 Human injury (4 injured) 16/08/2009 Texas USA "No serious injuries in wind tower lightning strike". Four wind turbine workers taken to hospital after turbine was struck by lightning. Reported by San Angelo Standard-Times on 15 August 2009.


822 Fatal 28/08/2009 Iowa USA "Student succumbs during climb up turbine". A 60-year-old student lost consciousness during a wind turbine climb with his classmates at the Estherville campus of Iowa Lakes Community College Friday morning. The male student was transferred by ambulance to the hospital where he died. Reported by Esterville Daily News on 29 August 2009.

823 Environmental 08/09/2009 Southern Spain Spain "Green energy threatens endangered vultures in southern Spain". Study confirms that wind turbines will make a significant contribution to the extinction of the Egyptian vulture in Southern Spain. Reported by Barcelona Reporter on 8 September 2009.

824 Fatal 16/09/2009 Causewaymire wind farm, Caithness, Scotland UK "Caithness man killed in accident at wind farm". A contractor who died while carrying out maintenance work on a turbine at a Caithness windfarm was named last night as 27-year-old Colin Sinclair. Fire brigade, ambulance and police attended the RWE powerer renewables '24-turbine windfarm on the Causewaymires after reports of an accident shortly after 9am yesterday. The Sea King helicopter from RAF Lossiemouth was also called out and a winchman was lowered with a stretcher to an access door at the top of the 200ft tower. Mr Sinclair died at the scene a short time later, despite efforts to revive him. A formal investigation is now underway. Reported by the Scotsman on 16 September 2009 and by the Press and Journal on 17 September 2009.
<table>
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<tr>
<th>ID</th>
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<th>Date</th>
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<tbody>
<tr>
<td>825</td>
<td>Transport</td>
<td>17/09/2009</td>
<td>New York, USA</td>
<td>&quot;Stretch of Route 3 closed after turbine base detaches from rig&quot;. State police closed a portion of Route 3, from Bolton Road to Benton Road, for about three hours Wednesday after the base of a wind turbine and the trailer it was attached to came unattached from the rig hauling the oversized load. Both the trailer and turbine overturned and rolled into a nearby cornfield, state police said. The highway was also damaged. No mention of injuries.</td>
<td>Reported by Watertown Daily News on 17 September 2009 <a href="http://www.watertowndailytimes.com/article/20090917/NEWS03/309179949">http://www.watertowndailytimes.com/article/20090917/NEWS03/309179949</a></td>
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<tr>
<td>826</td>
<td>Miscellaneous</td>
<td>17/09/2009</td>
<td>Greater Gabbard, UK</td>
<td>&quot;Broken Wind&quot;. Plans for the world’s biggest wind farm off Britain’s coast have been blown off course - by faulty windmills built on the cheap in China. Serious welding faults were found in many of the structures shipped to a Dutch port. Thank goodness they were found before construction and operation.</td>
<td>Reported by The Sun on 17 September 2009 <a href="http://www.thesun.co.uk/sol/homepage/news/Green/2643141/Off-turbines-eco-farm-blow.html">http://www.thesun.co.uk/sol/homepage/news/Green/2643141/Off-turbines-eco-farm-blow.html</a></td>
</tr>
<tr>
<td>828</td>
<td>Human Injury</td>
<td>22/09/2009</td>
<td>Cohocton, NY, USA</td>
<td>&quot;Crane collapse: Operator at wind farm escapes injury&quot;. Cohocton, N.Y. - A crane operator reportedly escaped any major injury late Monday morning when the crane he was using to maintain First Wind turbines collapsed. The operator - who was not identified - suffered minor injuries and was transported to a local hospital, according to</td>
<td>Reported by Coming Leader on 22 September 2009 <a href="http://www.steubencourier.com/news/200910/09/137/7/4913/crane-collapse-operator-at-wind-farm-escapes-injury">http://www.steubencourier.com/news/200910/09/137/7/4913/crane-collapse-operator-at-wind-farm-escapes-injury</a></td>
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<tr>
<td>830</td>
<td>Human Injury</td>
<td>23/09/2009</td>
<td>North sea, Off England, UK</td>
<td>&quot;Injured wind farm worker is taken to hospital&quot;. An injured worker from the wind farms off Clacton has been taken to hospital after falling through a hatch on a tug boat. The 24-year-old German man was hurt while working aboard the vessel Arion which transports equipment out to the wind farms.</td>
<td>Reported by Evening Star on 23 September 2009 <a href="http://www.eveningstar.co.uk/content/eveningstar/news/article.aspx?subjectid=298&amp;articleid=20090923_298_0_Fryasu871106">http://www.eveningstar.co.uk/content/eveningstar/news/article.aspx?subjectid=298&amp;articleid=20090923_298_0_Fryasu871106</a></td>
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**831 Environmental**  25/09/2009 Scotland UK  “Poorly positioned wind farms reduce rare birds’ breeding”. RSPB Scotland study looked at 12 operating upland wind farms in the UK and found that numbers of several birds of high conservation concern are reduced close to the turbines. Affected birds include the hen harrier and golden plover, which are protected under European law, and the curlew, which is a high-priority species under the UK Biodiversity Action Plan. The study found that the population density of breeding birds is reduced by between 15 and 53 per cent when nests are within 500 metres of a turbine. The RSPB called for better planning when wind farms are being considered to take bird populations into account.


**832 Blade failure**  26/09/2009 Kirkheaton, Northumberland, England UK  “Faulty wind turbines could stay at Kirkheaton”. Faulty wind turbines could remain at a Northumberland beauty spot for another year if a new planning application is approved. The three giant structures at Kirkheaton, north of Hexham, were put up almost 10 years ago by EDF Energy. But technical issues meant that two of the turbines had to have their blades removed, and only one of the three has been operating since last autumn. Cracks in blades are to blame. Previously there were gear box problems.


**833 Mechanical failure**  27/09/2009 Hulsdammarefjellet, North of Trondheim Norway  Main bearing damaged, preventing the rotor mechanism from turning.


**834 Miscellaneous**  02/10/2009 PWEIC, Brownsville, WI USA  All 86 turbines reported to be closed down following high winds. Even though gusty winds howled through the area earlier this week, the 86 wind turbines on the Forward Wind Energy Center have remained still since Tuesday.


**835 Structural failure**  06/10/2009 Flackwell Heath, Bucks, England UK  “Part of wind turbine at Flackwell Heath school fell off”. A wind turbine at a school in Flackwell Heath has been repaired after part of it fell off into the school playground. A panel fell off the back of the turbine at Carrington Junior School and the whole structure had to be taken down and repaired over the summer. Photographs and an anonymous letter were received by the Bucks Free Press saying: “if this can happen, the turbine is a danger and should not be installed anywhere near our children.”


**836 Blade failure**  10/10/2009 Sheffield, Yorkshire, England UK  “Wind turbine in Sheffield broken by wind for second time”. Manufacturers of the 190ft high turbine, one of three owned by Sheffield University, are now investigating the damage at the site close to the city’s Parkway link road to the M1. A blade on the same turbine was broken 15 months ago and residents who live close to the site at Catcliffe, near Rotherham, have expressed fears that they could pose a danger to local people.

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<thead>
<tr>
<th>Code</th>
<th>Category</th>
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<th>Location</th>
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<th>URL</th>
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<tbody>
<tr>
<td>837</td>
<td>Environmental</td>
<td>13/10/2009</td>
<td>Wolf Ridge Wind Farm, Texas, USA</td>
<td>&quot;Scientists study birds killed by wind turbines&quot; When it comes to generating green energy from the wind, Texas leads the way. But in the pursuit of cleaner energy, there's also an environmental cost: Dead birds and bats killed by turbine blades. Among them are ravens, vultures, yellow-billed cuckoos, said Amanda Hale, TCU researcher. Birds killed by wind turbines pale in comparison to birds killed by cars, buildings and other animals.</td>
<td>Reported by WFAA-TV on 13 October 2009</td>
<td><a href="http://www.windaction.org/news/23614">http://www.windaction.org/news/23614</a></td>
</tr>
<tr>
<td>838</td>
<td>Fire</td>
<td>14/10/2009</td>
<td>Maple Ridge Wind Farm, New York, USA</td>
<td>Wind farm substation is damaged by blaze A transformer at the Maple Ridge Wind Farm's substation off Rector Road was destroyed by fire late Monday afternoon. Martindale firefighters were dispatched to the substation about 5 p.m. but had to wait until the facility was shut down before extinguishing the blaze, said Lewis County Fire Coordinator James M. Martin. The Columbus Day fire was the second transformer fire at the site, with a similar incident occurring July 4, 2007. In that case, 491 gallons of mineral oil leaked from the damaged transformer</td>
<td>Reported by Watertown Daily News on 14 October 2009</td>
<td><a href="http://www.windaction.org/news/23606">http://www.windaction.org/news/23606</a></td>
</tr>
<tr>
<td>839</td>
<td>Transport</td>
<td>16/10/2009</td>
<td>Princeton, Illinois, USA</td>
<td>Details released on road dispute An attorney representing the Bureau County Board has released details of a dispute over a road agreement the county claims a wind farm company has failed to honor. A civil engineering study assessed $1.9 million in road damage near Providence Heights wind farm.</td>
<td>Reported by Bureau County Republican on 16 October 2009</td>
<td><a href="http://www.bcrnews.com/articles/2009/10/16/rixofhh1trro_v3az1wdyg/index.xml">http://www.bcrnews.com/articles/2009/10/16/rixofhh1trro_v3az1wdyg/index.xml</a></td>
</tr>
<tr>
<td>840</td>
<td>Miscellaneous</td>
<td>16/10/2009</td>
<td>PWEIC, Brownsville, WI, USA</td>
<td>Rumors fly about offline wind turbines As the blades of the 86 turbines on the Forward Wind Energy Center remain still, rumors have been circulating faster than the wind as to why the wind farm has been offline since Sept. 29. Inverenergy LLC officials attributed the shutdown to scheduled maintenance of the wind farm's substation. However, the latest buzz that a major utility pulled out of its power purchase contract and has left Inverenergy without a new customer to fill the void simply isn't true.</td>
<td>Reported by Fond Du Lac Reporter on 16 Oct 2009</td>
<td><a href="http://www.wisinfo.com/apps/pbcs.dll/article?AID=2009910160375">http://www.wisinfo.com/apps/pbcs.dll/article?AID=2009910160375</a></td>
</tr>
<tr>
<td>841</td>
<td>Miscellaneous</td>
<td>16/10/2009</td>
<td>Burbo Bank offshore wind farm, Wirral, UK</td>
<td>&quot;Burbo Bank wind farm off Wirral shore out of action for four weeks after cabling failure&quot; A Dong site manager later confirmed that the wind farm had been out action. &quot;We are currently experiencing a total loss of electrical supply to and from the National Grid due to a failure of a 132KV onshore underground cable owned by Scottish Power,&quot; he said.</td>
<td>Reported by Wirral Globe on 16 October 2009</td>
<td><a href="http://www.wirralglobe.co.uk/news/4687615.EXCLUSIVE_Burbo_Bank_wind_farm_off_Wirral_shore_out_of_action_for_four_weeks_after_cabling_failure/">http://www.wirralglobe.co.uk/news/4687615.EXCLUSIVE_Burbo_Bank_wind_farm_off_Wirral_shore_out_of_action_for_four_weeks_after_cabling_failure/</a></td>
</tr>
</tbody>
</table>
843 Structural failure 18/10/2009 Various UK sites UK "Wind turbines suspended after flaw discovered". An entire fleet of around 100 "urban" wind turbines has been remotely shut down by manufacturer Quiet Revolution after the discovery of a design fault. The fleet of QRS turbines was disabled after continual wind speeds of between 14 and 24 metres per second caused a turbine located on a sea wall in Blackpool to develop a mechanical error, the company said in a statement on Friday. The QRS turbines have been installed on 55 sites for clients including Network Rail, Sainsbury's and self-storage firm Big Yellow. Reported by ZDNet UK on 19 October 2009

844 Structural failure 20/10/2009 Stoney Corners Wind Farm, Michigan USA "Wind turbine concerns lead to road closure" A road in Missaukee County was closed for several hours Sunday afternoon and three homes were evacuated as a safety precaution after construction workers became concerned about the stability of a newly-installed 40-foot wind turbine. "[the homes] were still evacuated out of an abundance of caution in terms of possible flying debris." Reported by Cadillac News on 20 October 2009

845 Miscellaneous 20/10/2009 Vermont Community Wind Farm, Clarendon, VT USA "Residents in challenge to wind tower placement" A wind measurement tower erected on Susie's Peak has local officials crying foul over its placement. The tower was not placed at the site approved by the state Public Service Board, according to Clarendon Select Board Chairman Michael Klopchin. A small group of concerned residents used global positioning satellite equipment to pinpoint the location of the VCWF tower, some 230m south of the approved location. Reported by Rutland Herald on 20 October 2009

846 Blade failure 21/10/2009 Akron, South Dakota USA "School's wind turbine's energy production on hold" Blades the length of almost two school buses from a wind turbine owned by Akron-Westfield School District rest on the ground while repairs are underway. The turbine's gearbox was also brought down using a tall crane to reach the top of the 11-year-old structure's 165-foot-tall tower. One of the turbine blades was splitting open. Reported by Le Mars Daily Sentinel on 21 October 2009


848 Environmental 27/10/2009 Lendas Crete Greece Turbine killed by wind turbine in Lendas, south Crete. Footage on YouTube Reported on YouTube on 27 October 2009

849 Transport 27/10/2009 Danville, PA USA "Grounded load in Danville waits for parts" The wind turbine grounded Monday remained in town Tuesday, awaiting a part needed for repairs before it continues to West Virginia. Front Street remained closed from Route 54 to Mill Street, where the 150-foot-long, 100-ton windmill base sat on a trailer. The part for a damaged rear turning axle was ordered from Alabama and is expected to be delivered today. Danville Police Chief Eric Gill said. Reported by The Daily Item on 27 October 2009
<table>
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<tr>
<th>Date</th>
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<th>Event Description</th>
<th>Reporting Source</th>
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<th>Other URL</th>
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</thead>
<tbody>
<tr>
<td>27/10/2009</td>
<td>Aberdeenshire, Scotland, UK</td>
<td>“Delays as turbines transported: More of the parts will be arriving at Buchan port soon” Delays are expected for north-east motorists today as another delivery of huge wind turbine parts is transported from Peterhead harbour. Traffic in some parts of Buchan ground to a halt yesterday as sections of turbine were transported to Hill of Skeulmosna, near Auchnagatt. Between now and December, turbines bound for Bannatyne, Boyndie, St Fergus, Fordoun, Cummingston and Rothienorman will arrive at the Buchan port.</td>
<td>Reported by The Press &amp; Journal on 27 October 2009</td>
<td><a href="http://www.pressandjournal.co.uk/Article.asp?id=1456449">http://www.pressandjournal.co.uk/Article.asp?id=1456449</a></td>
<td><a href="http://www.windaction.org/news/23821">http://www.windaction.org/news/23821</a></td>
</tr>
<tr>
<td>28/10/2009</td>
<td>Altamont Pass, CA, USA</td>
<td>“Altamont bird slaughter worsening” The dirty little secret about the windmill farm at Altamont Pass is that it slaughters thousands of birds every year while politicians turn a blind eye. Four years ago, environmental groups filed suit after the Alameda County Board of Supervisors effectively allowed the farm’s seven owners to keep killing birds despite evidence that the deaths could be greatly lessened.</td>
<td>Reported by East Bay Press on 28 Oct 2009</td>
<td><a href="http://www.eastbayexpress.com/eastbay/article/altamont-bird-slaughter-worsens/2757373">http://www.eastbayexpress.com/eastbay/article/altamont-bird-slaughter-worsens/2757373</a></td>
<td><a href="http://www.windaction.org/news/23842">http://www.windaction.org/news/23842</a></td>
</tr>
<tr>
<td>31/10/2009</td>
<td>Millau, south France, France</td>
<td>Wind turbine destroyed by fire in Ardeche One of five wind turbines at the Chabanet wind park near Freyssenet was destroyed by fire. Photos available. Vestas claimed this was a first for France less than two weeks after a similar incident in the Vendee Region of Western France</td>
<td>Reported by Article du Dauphiné Libéré on 31 October 2009</td>
<td><a href="http://www.ledauphine.com/freyssenet-bl/une-eolienne-en-feu-sur-le-plateau-du-coiron-%28index.jsp%29/article%3Fid%3D214828">http://www.ledauphine.com/freyssenet-bl/une-eolienne-en-feu-sur-le-plateau-du-coiron-%28index.jsp%29/article%3Fid%3D214828</a></td>
<td><a href="http://www.windaction.org/news/23851">http://www.windaction.org/news/23851</a></td>
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<tr>
<td>01/11/2009</td>
<td>Hurdalhammerfjeld, North of Trondheim, Norway</td>
<td>Turbine blade broken – a piece weighing 10 tonnes and 45m long came off. A local person reported “In the middle of the night we heard a large crash. We live 650m from the park and are seriously concerned. The last time there was an blade accident (20 Jan 2006) parts from the blade were thrown 1.3 km away”</td>
<td>Reported by Namdalsavisa, 3 November 2009</td>
<td></td>
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<tr>
<td>03/11/2009</td>
<td>Esbjerg, Denmark</td>
<td>Two wind turbines self-destruct in one week” Yesterday’s incident follows a similar one this weekend near Esbjerg, where a defective axle caused all of the blades on a 40m high turbine to rip loose, one of them hitting a power transformer. Since 2000, there have been 27 incidents in Denmark of turbine blades coming loose.</td>
<td>Reported by Copenhagen Post on 3 November 2009</td>
<td><a href="http://www.cphpost.dk/business/119/business/47354-two-wind-turbines-self-destruct-in-one-week.html">http://www.cphpost.dk/business/119/business/47354-two-wind-turbines-self-destruct-in-one-week.html</a></td>
<td><a href="http://www.windaction.org/news/23927">http://www.windaction.org/news/23927</a></td>
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<tr>
<td>03/11/2009</td>
<td>Nortzee Windpark, Holland</td>
<td>Foundation piers of three offshore turbines to be repaired - major voids identified to be filled with concrete to prevent “further shifting” of the turbines</td>
<td>Reported online</td>
<td><a href="http://www.nortzewaywind.nl/index.php?turbinenood%3Freg%3D3%26lang%3Den">http://www.nortzewaywind.nl/index.php?turbinenood%3Freg%3D3%26lang%3Den</a></td>
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857 Mechanical failure 05/11/2009 Wansbeck General Hospital, Ashington, Northumberland, England UK "Wansbeck General wind turbine produces no power for two years". A wind turbine at a North East hospital has produced no electricity since 2007, it emerged last night. The turbine at Wansbeck General Hospital, at Ashington, Northumberland has been out of service for two years because of a fault. The news comes on the back of previous stories highlighting faults with turbines at Blyth and Kirkheaton, which left them inactive for long periods. Critics of wind power last night said the new revelation is further proof turbines are an unreliable source of electricity. Reported by JournalLive.co.uk on 5 November 2009 http://www.journallive.co.uk/north-east-news/todays-news/2009/11/05/wansbeck-general-wind-turbine-produces-no-power-by-two-years-61634-25095403

858 Human Injury 07/11/2009 Thompson, Iowa USA "Man falls inside turbine" Despite a fall of between 20 and 30 feet, the man who lost his footing on a ladder inside a wind turbine on Friday apparently was not seriously injured. The man's name has not been released by the Winnebago County Sheriff's Department. The worker slipped off a ladder and, although tethered by a safety harness, the harness apparently failed, and the man fell. The worker suffered a broken arm and some lacerations. Reported by Globe Gazette on 7 November 2009 http://www.globegazette.com/articles/2009/11/07/news/latest/doc4af606707453d772197262.txt#vmix_media_id=7185324

859 Mechanical failure 09/11/2009 Prince Edward Island, BC Canada Entegrity "School windmill to be repaired" The P.E.I. government is stepping in to repair a wind turbine at a North Rustico school that hasn't worked for more than a year. The province paid $200,000 for the 30-metre turbine at Gulf Shore Consolidated School, with the village taking out a $40,000 loan to cover the rest of the cost. It came with a 10-year warranty but the company that built it, Entegrity Wind Systems, is in receivership. The turbine didn't work properly from day one. Reported by CBS News on 9 November 2009 http://www.cbc.ca/canada/prince-edward-island/story/2009/11/09/pei-windmill-school-entegrity-584.html


861 Mechanical failure 12/11/2009 Traverse City, Michigan USA "Light & Power windmill grinds to halt" A publicly owned wind turbine along M-72 in Leelanau County's Elmwood Township is out of commission. A generator bearing failed and the turbine ground to a halt, said Ed Rice, Traverse City Light & Power's executive director. The windmill has been broken for about six weeks. Reported by Traverse City Record-Eagle on 12 November 2009 http://www.windaction.org/news/24550

862 Fatal 13/11/2009 Greater Gabbard offshore wind farm, England UK "Harwich: Tragedy at wind farm site" A man has died and a woman has been injured after an accident on a vessel at a partly constructed wind farm 18 miles off Harwich. The accident occurred on board the vessel Tycoon, and has been attributed to a chain failure. Dutch police were assisting Essex police in the investigation. Reported by Harwich and Manningtree Standard on 13 November 2009 http://www.harwichandmanningtreestandard.co.uk/news/localnews/4737796.Harwich___Tragedy_at_wind_farm_site

863 Human injury 13/11/2009 Greater Gabbard offshore wind farm, England UK "Harwich: Tragedy at wind farm site" A man has died and a woman has been injured after an accident on a vessel at a partly constructed wind farm 18 miles off Harwich. The accident occurred on board the vessel Tycoon, and has been attributed to a chain failure. The woman sustained a head injury. Reported by Harwich and Manningtree Standard on 13 November 2009 http://www.harwichandmanningtreestandard.co.uk/news/localnews/4737796.Harwich___Tragedy_at_wind_farm_site

864 Blade failure 20/11/2009 Montepò, Scansano, Tuscany Italy Gamesa 2MW Turbines damaged in early 2008 were repaired during the summer of 2009. This one did not survive the first storm (photo) Reported by National Wind Watch on 20 November 2009 http://www.windwatch.org/px/DispAvImage.php?pos=539
<table>
<thead>
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<th>ID</th>
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<tr>
<td>865</td>
<td>21/11/2009</td>
<td>Raasay Primary School, Highland Region, Scotland</td>
<td>Wind blades fell in school yard*; Raasay children sent home after 50ft turbine collapsed. Children at an island primary were sent home after a newly-installed wind turbine next to their school collapsed, it emerged yesterday. Parents of youngsters at the 18-pupil Raasay Primary School were asked to collect their children following the incident on November 13. The 50ft turbine will &quot;remain out of commission&quot; until an investigation has been carried out. The 50Kw machine was installed at the school earlier this month, but was soon the subject of complaints due to the noise it was making. The turbine then collapsed, landing in the school's playground, although no one was hurt.</td>
<td>The Press and Journal on 21 November 2009</td>
<td><a href="http://www.pressandjournal.co.uk/article.asp?id=4174922474%D9%86%D8%B7%D8%A7%D9%82">http://www.pressandjournal.co.uk/article.asp?id=4174922474نطاق</a> اقتباس</td>
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<td>866</td>
<td>November 2009</td>
<td>Malmö, Sweden</td>
<td>Second blade failure reported in Sweden during November (the first was at Falkenberg on 3 November). The second lost blade was from an 18-metre wind turbine from Liten Vindkraft, a little known Swedish make. It was installed in the centre of Malmö but collapsed a few hours after being turned on. A sister machine in Malmö, installed close to a school, has been stopped until the cause of the accident is known.</td>
<td>Windpower Monthly, December 2009</td>
<td><a href="http://www.windpowermonthly.com/news3pg/301584">http://www.windpowermonthly.com/news3pg/301584</a></td>
</tr>
<tr>
<td>868</td>
<td>01/12/2009</td>
<td>Fakenham High School, UK</td>
<td>Wind turbine topples over on high school field*; Stunned students watched as a 40ft wind turbine crashed to earth during its installation on Fakenham High School playing field this lunchtime. The field was evacuated after the giant turbine toppled over, crushing a contractor's van.</td>
<td>EDP 24 on 1 December 2009</td>
<td><a href="http://www.edp24.co.uk/content/edp24/news/story.aspx?brand=EDPOnline&amp;category=News&amp;tBrand=EDPOnline&amp;tCategory=EdfDefault&amp;itemid=NOED01%20Dec%202009%2017">http://www.edp24.co.uk/content/edp24/news/story.aspx?brand=EDPOnline&amp;category=News&amp;tBrand=EDPOnline&amp;tCategory=EdfDefault&amp;itemid=NOED01%20Dec%202009%2017</a> 503178</td>
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<td>869</td>
<td>02/12/2009</td>
<td>Praia Formosa wind farm, Ceará state, Brazil</td>
<td>Suzlon turbine spins apart in Brazil*; A 2.1MW Suzlon wind turbine at a Sif Energies project in the state of Ceará collapsed in a blaze last month, the developer has confirmed. The 21 November incident occurred 200 metres from a residential community and prompted an official inquiry by the local authorities.</td>
<td>New Energy Finance on 2 December 2009</td>
<td><a href="http://www.windaction.org/news/24458">http://www.windaction.org/news/24458</a></td>
</tr>
<tr>
<td>870</td>
<td>03/12/2009</td>
<td>Uelzen, Hamburg, Germany</td>
<td>Accident in Uelzen* Wind-power plant on fire at height of 130m. The fire-brigade closed the area off and let the fire burn out. The fire was to be seen kilometres away. The fire-brigade could not fight the fire at that height and had no other choice.</td>
<td>Hamburger Abendblatt on 3 December 2009</td>
<td><a href="http://www.hamburger-abendblatt.de/region/nordheide/article1293947/2/2009%2017">http://www.hamburger-abendblatt.de/region/nordheide/article1293947/2/2009%2017</a> 353178</td>
</tr>
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<td>871</td>
<td>08/12/2009</td>
<td>Campo Indian Reservation turbines, California, USA</td>
<td>Lightning damages East County wind turbines*; Lightning struck most of the wind turbines along Interstate 8 on the Campo Indian Reservation Monday night, causing severe damage to at least two of them, an official said. It's unclear how much damage the lighting strikes caused the other turbines, said Neal Emmerton, regional asset manager.</td>
<td>San Diego Union-Tribune on 8 December 2009</td>
<td><a href="http://www.sandiegouniontribune.com/news/2009/docs/000/000/000/000/lightning-strikes-damage-wind-turbines/">http://www.sandiegouniontribune.com/news/2009/docs/000/000/000/000/lightning-strikes-damage-wind-turbines/</a></td>
</tr>
</tbody>
</table>
872 Environmental 09/12/2009 Greenbrier County, West Virginia USA "Federal court rules massive wind energy project in violation of Endangered Species Act" Federal district court Judge Roger Titus of the U.S. District Court for the District of Maryland has issued a comprehensive ruling that an industrial wind energy facility in Greenbrier County, West Virginia will kill and injure endangered Indiana bats, in violation of the Endangered Species Act (ESA). The court concluded that "the development of wind energy can and should be encouraged, but wind turbines must be good neighbors." Reported by Windaction.org on 9 December 2009 http://www.awineline.org/h/clip/p16983/pw 0016983 http://www.windaction.org/news/24524

873 Blade failure 16/12/2009 Kansas USA "Sunflower Wind is suing turbine blade supplier" Sunflower Wind's suit claims Arthun manufactured blades for three turbines, two of which were installed in Lane County and the third in Smith County. On Nov. 4, the suit alleges, Sunflower Wind removed the blades from one turbine in Lane County and learned the blades were "severely cracked". Reported by Hutch News on 15 December 2009 http://www.hutchnews.com/Newsbriefs/wind 2009-12-14T20-58-58 http://www.windaction.org/news/24607


875 Structural failure 17/12/2009 Unalaska, Alaska USA "Wind turbines damaged in storm" The wind storm that knocked over the crane had similar negative effects on the local residential wind-powered electric generators. The storm, which blew at least 125 miles per hour, completely dislodged the helix shaped turbine that was installed on Haystack hill. The blades and shaft blew away and were later located by divers. The tower stayed up. Reported by KUCB News on 17 December 2009 http://www.publicbroadcasting.net/kial/news/newsmain?action=article&ARTICLE_ID=1590399 http://www.windaction.org/news/24686


877 Structural failure 27/12/2009 Geneseo, Illinois USA Off 1.5MW "Officials investigating why 187 ton windmill collapsed in Fennor" Marvin DeKing already was up and awake between 3 and 4 a.m. when he heard a loud bang. "It sounded like thunder and lightning," said DeKing, of 5206 Buaya Road in this rural town east of Cazenovia. But it wasn't until daylight that DeKing learned what had caused the noise: The 187 ton windmill across the road from his house had fallen over and lay sprawled in the cornfield in which it stood. Reported by The Post-Standard on 27 December 2009 http://www.syracuse.com/news/index.ssf/2009/12/officials_hope_to_learn_why_wi.html http://www.windaction.org/news/24817

878 Mechanical failure 27/12/2009 Geneseo, Illinois USA "Geneseo wind turbine temporarily down" One of Geneseo's two recently installed wind turbines is down temporarily due to what is believed to be a faulty generator. Lewis Opsal, Geneseo electric superintendent, said the turbine should be up and running again by the end of January or early February. He said representatives from Vensys, the German manufacturer of the two 300-foot turbines, was in Geneseo recently to check on a vibration inside the turbine. Reported by Dispatch-Argus on 27 December 2009 http://www.jc.online.com/archives/qcl/dispatch-argus/0912/hd_27322 http://www.windaction.org/news/24807

879 Structural failure 28/12/2009 Fairfield USA Wind measurement mast reported to have collapsed by Fairfield resident Jim Salamone. He says the meteorological tower that used to be right across from his home already collapsed because of wind and ice. Salamone says the meteorological tower that collapsed near his home was the third one to do so in as many years. Reported by NBC-WKTV News Channel 2 on 28 December 2009 http://www.wktv.com/news/local/80212417 http://www.windaction.org/news/24617
880 Miscellaneous 2009 Kentish Flats offshore wind farm UK Mechanical glitches plague offshore windfarm. Continued gearbox failures reported with a further 10 having to be replaced. Reported by Your Canterbury, 29 November 2009

881 Fire 2009 Nykoebing M. Denmark Vestas No details of incident. Restoration of fire damaged components. Location likely to be of AREPA’s work

882 Fire 2009 Oregon USA Siemens No details of incident. Provision of analysis and advice on fire damaged components. Location likely to be of AREPA’s work

883 Fire 2009 Praia Formosa Brazil Suzlon No details of incident. Provision of analysis and advice on fire damaged components. Location likely to be of AREPA’s work

884 Miscellaneous 2009 Marienloog Germany Siemens No details of incident. Provision of analysis and advice on fire damaged components. Location likely to be of AREPA’s work

885 Fire 2009 S. Agata Di Puglia Italy Vesta No details of incident. Provision of analysis, advice and restoration of fire damaged components. Location likely to be of AREPA’s work

886 Fire 2009 Randers Denmark Vesta No details of incident. Provision of analysis, advice and restoration of fire damaged components. Location likely to be of AREPA’s work

887 Fire 2009 Tim Denmark Siemens No details of incident. Provision of analysis, advice and restoration of fire damaged components. Location likely to be of AREPA’s work

888 Fire 2009 La Noguera Wind Park Spain Siemens No details of incident. Provision of analysis, advice and restoration of fire damaged components. Location likely to be of AREPA’s work

889 Fatal 2009 Vlissingen (Offshore) Holland Male fatally injured during operations handling turbine monopiles for a European project. Ref: ReNews 3 June 2010

890 Miscellaneous 12/01/2010 Traverse City Light & Power turbine, Leelanau County, Michigan USA 180 feet high Tided turbine’s costs could soar. Traverse City Light & Power’s towering wind turbine along M-72 in Leelanau County’s Elwinwood Township has been idle for more than three months. Officials originally said a failed generator bearing would cost between $15,000 and $20,000 to repair. Further damage to the generator bearing has also been discovered. Reported by Record-Eagle on 12 Jan 2010

891 Blade failure 13/01/2010 Kumeyaay Wind project, Campo Indian Reservation, San Diego, CA USA Gamesa 2MW A damaging blow; Wind farm making inspections, repairs after storm”. Workers are inspecting and repairing 75 wind turbine blades at a wind farm some 60 miles east of San Diego after a storm a month ago caused catastrophic damage to some of them. Blades cracked during the storm on all 25 turbines in a 70mph wind. Reported by Union-Tribune on 13 Jan 2010

892 Blade failure 18/01/2010 Ocean View Farm, Nantucket, Massachusetts USA WES, 145 feet high Bartlett’s wind turbine breaks blade” A 20-foot-plus piece of one of the blades on Bartlett’s Ocean View Farm’s wind turbine snapped off and landed 175 feet away in winds less than 51mph. The turbine was approx 10 months old. Later reports mention the same type of turbine at the University of Sheffield, UK, breaking a blade in 2 occasions during 2008. Makers WES may be sued. Reported by Nantucket Independent on 19 Jan 2010

893 Miscellaneous 25/01/2010 Wayne State College of Engineering, Michigan USA VBINE Energy Wind turbine still not functioning” Nearly a year after its assembly, Wayne State’s Franklin Vertical Axis Wind Turbine is still waiting to generate power. A series of turbine problems have been blamed. Reported by The South End on 25 Jan 2010
Eagle might have been chopped up by wind farm rotor blade. Viennese wildlife experts are investigating after an imperial eagle was discovered cut to pieces close to wind turbines in Burgenland last weekend. Experts suspect it got into a rotor blade at the wind turbine as its body was cut into two parts in one clear cut.

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Calif. turbines frozen in Minn. Eleven refurbished, 115-foot turbines failing to operate in colder conditions. They had previously operated in California.

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What happened at the wind farm? Formal health and safety investigation into blade failure (reported above 13 Jan 2010) reports "substantial oil leakage from machinery down the length of the massive tower".

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Wind turbine removed from Provincetown harbour after 6 months, following blade failure. Blades had to be repaired and turbine reported to be "noisy".

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RCMP turbine idle again. Following a second electrical fire. Previously there was an electrical panel fire in 2008 and failure after a storm in 2007. It was the same electrical panel which went on fire both times.

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"Wind farm kills endangered bat". First time that a federally endangered bat has been reported among the many dead bats found around the windfarm. The Indiana bat is in danger of becoming extinct.

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"Ice halts northern New Brunswick wind farm". Started producing power in November 2009, now shut down due to ice hazard and blade icing.

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"RCMP turbine idle again". Following a second electrical fire. Previously there was an electrical panel fire in 2008 and failure after a storm in 2007. It was the same electrical panel which went on fire both times.

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"Wind turbines leak oil". At least seven turbines appeared to be leaking oil as shown in the photo.

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"Wind turbine comes down, officials meet". Union city's wind turbine experienced a failure of one of its rotor blade's braking mechanisms during commissioning and testing of the unit on February 16. The damaged turbine remained high in the air with the dangling tip for a week.

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"Wind turbine accident in Germany". Local news stations say that a violent and unexpected gust of wind caused the rotor to take-off pulling the crane's boom and jib with it, causing it to collapse. The boom, jib and rotor with its blades came crashing to the ground. The crane remained stable but the turbine components are totally destroyed, along with the crane's boom and jib. The turbine was under construction at the time.

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"Blades blow off Marstons Mills turbine". Around 12 p.m. Sunday, two blades of a wind turbine were blown off a 60 foot high Cape Cod turbine and landed 100 feet from the turbine. Turbine erected in 2009.
UK 2.3MW Siemens turbine - "Blade snaps off huge wind turbine". An investigation is under way at Europe’s largest onshore wind farm in East Renfrewshire after a 150ft blade snapped off a turbine. The incident, at about 0200 GMT on Friday 19 March, led to all 140 turbines at Whitelee wind farm, near Eaglesham, being temporarily shut down.

UK Proven 6kW turbine - "Kirklees Council Civic Centre turbine still broken". Turbine reported to be still broken 11 months after it broke down. Date is approximate - report of breakdown was 19/03/2010. Whitelee wind farm, near Eaglesham, is under investigation after a 150ft blade snapped off a turbine. The incident, at about 0200 GMT on Friday 19 March, led to all 140 turbines at Whitelee wind farm, near Eaglesham, being temporarily shut down.

UK Two of the three 66m high turbines have stood idle for the past 18 months after blades were removed because of "technical problems". Planning condition imposed following blade failure in January 2010.

Denmark, Sweden and Holland "Wind turbines certified despite construction error". One of the most common foundations for sea-based wind turbines has a critical flaw but was nonetheless approved by a Nordic certification company, reports trade journal Ingeniøren.

USA "Electrocuted wind-farm worker airlifted to hospital". Three men were electrocuted - the third man sought help on his own. The windfarm had only just started up following blade replacement following storm damage in December 2009.

USA "Electrocuted wind-farm worker airlifted to hospital". Three men were electrocuted - the second man was taken to hospital by ambulance.

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USA "Electrocuted wind-farm worker airlifted to hospital". Three men were electrocuted - the first man was taken to hospital by ambulance. Personal account plus local forum report showing photo.

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USA "Electrocuted wind-farm worker airlifted to hospital". Three men were electrocuted - the third man sought help on his own. The windfarm had only just started up following blade replacement following storm damage in December 2009.
918 Blade failure 08/05/2010 Shabbona, Illinois USA Turbine blade damage 'unusual'. One of three blades reported to have bent at the base and split along its 131-foot length. Reported by The Daily Chronicle on 8 May 2010 http://www.windaction.org/news/27177

919 Miscellaneous 10/05/2010 Kittery, Maine USA "Turbine will not start again". Turbine installed in Oct 2008 "failed significantly", and the local council voted 7-0 to sell it off. Reported by Seacoast Online on 10 May 2010 http://www.windaction.org/news/27208

920 Human injury 10/05/2010 Ye HiRa Hau wind farm, Palmerston North New Zealand "Department won't prosecute after wind farm accident". On May 10, an articulated hauler slid down a hill where roading contractors were working. The two injured men were airlifted to Palmerston North Hospital – one was taken to the intensive care unit and the other had a broken arm and cuts. Operators avoided prosecution. Reported by Manawatu Standard on 27 November 2010 http://www.stuff.co.nz/manawatu-standard/news/4397844/Department-wont-prosecute-after-wind-farm-accident

921 Fatal 21/05/2010 Greater Gabbard offshore wind farm, England UK "Fatal accident at Harwich". A crane dropped a 45-tonne wind turbine blade for the Greater Gabbard offshore wind farm, killing one man and seriously injuring another. The dead man was later named as 42-year old Per Terp, from Nørresundby, Denmark. Reported by vertikal.net on 21 May 2010 http://www.windaction.org/news/27419


923 Transport 31/05/2010 Bard Offshore 1 wind farm Germany Bird installation vessel Wind Lift 1 reported to be back at work following damage incurred in late May when a 90m foundation tube fell and damaged the deck. Reported by ReCharge on 1 July 2010 http://www.rechargenews.com/energy/wind/article218697.ece


926 Miscellaneous 03/06/2010 Horns Rev offshore wind park Denmark Horns Rev 1 reported to be shut down completely following a substation fault. It was shut down on 28 May and likely to remain so for several weeks. Reported in Windpower Monthly June 2010. Also inReCharge on 4 June 2010 http://www.windaction.org/news/27645

927 Environmental 07/06/2010 Washington and Oregon USA A recent study confirmed that wind farms in Washington and Oregon kill more than 5,500 birds and 3,000 bats annually. Reported by Daily Tech on 7 June 2010 http://www.dailytech.com/Study+Wind+Farm+Bird+Killer+Article186414.html

928 Human injury 11/06/2010 Kenedy Ranch, Texas USA "Kenedy Ranch wind turbine kills pelican" Eyewitness account. The reporter queries the "radar shutdown" system which is supposed to be in place to stop turbines when birds are detected. Reported by surfbirds.com on 11 June 2010 http://www.surfbirds.com/birdingmail/Mail/Texas_Birds/735862

929 Environmental 12/06/2010 Wolfe Island, Kingston, Ontario Canada "Bat and bird kills alarm group". A consultants review concluded that the island's 86 turbines were responsible for the deaths of 1,270 bats and 602 birds during 2009, the project's first year of operation. Reported by The Wing-Standard on 12 June 2010 http://www.windaction.org/news/27749

930 Structural failure 15/06/2010 Coming, CA USA ReDriven 20kW "Failed tower welds on RedDriven turbine found". An engineer inspecting continued blade failures on RedDriven's 20kw turbines has discovered a major structural tower failure. A 3 foot tear in the flat weld was found at the top of the first section. Reported by Windaction.org on 15 June 2010 http://www.windaction.org/news/27800

931 Human injury 20/06/2010 Merlin, Ontario Canada Crane crushes Ontario wind turbine worker's foot". 18 year old man reported to have had his feet crushed by a falling crane. He was rushed to hospital in London ON for emergency treatment. Reported by The Windsor Star on 20 June 2010 http://windconcernsontario.wordpress.com/2010/06/20/crane-crushes-ontario-wind-turbine-workers-foot/
932 Environmental 24/06/2010 Fairburn wind farm, Ross-shire, Scotland UK

"Rare red kite found dead at wind farm 'harmless to wildlife'". The carcass of a rare red kite was discovered at the Fairburn wind farm. Veterinary examination showed that it suffered bruising and fractures consistent with a turbine impact. The bird had been "adopted" by Aviemore Primary School pupils, who followed its movements on a GPS tracker. Reported in The Scotsman on 24 June 2010 and in the Press and Journal on 25 June 2010.

http://www.windaction.org/news/27930

933 Miscellaneous 25/06/2010 Alpha Ventus offshore wind farm Germany

AREVA under pressure as M5000 turbines malfunction? Broken gearboxes from severe overheating blamed. All 6 turbines need to be replaced. Reported by Eco Periodicals on 25 June 2010

http://ecoperiodicals.com/2010/06/25/areva-

934 Miscellaneous 28/06/2010 MacDonald Canada

"Plane dies near MacDonald": An aerial spray plane clipped the top of a tower at the edge of a field north of MacDonald on Monday. The 200-foot-high tower was put up to observe wind patterns for a potential wind farm. Reported by Daily Graphic on 1 July 2010

http://www.windaction.org/news/28133

935 Fatal 01/07/2010 Grand Forks, North Dakota USA

Worker killed at NS wind turbine blade factory". Grand Forks police say a worker at a plant that makes wind turbine blades died after being pinned between two cranes. Authorities say 42-year-old Joseph Schaff of East Grand Forks, Minn., was injured Thursday morning at LM Wind Power and taken to a hospital, where he was later pronounced dead.

Reported by The Associated Press on 1 July 2010

http://www.windaction.org/news/28125

936 Transport 02/07/2010 Highway 23, Fond du Lac County, Wisconsin USA

"Semi Carrying Wind Turbine Blocks Highway 23". Highway 23 reported blocked for 14 hours while the trailer was welded and then moved. No-one reported to be injured. Reported by WIBAY-TV on 2 July 2010

http://topics.treehugger.com/article/39646/

937 Environmental 03/07/2010 Portland, Dorset, England UK

"Portland school turns off wind turbine to halt seabird slaughter". A £20,000 6kW wind turbine has been turned off after taking the lives of at least 14 birds in six months. The manufacturer stated one fatality per year. Pupils reported to be upset when the birds were killed at lunchtimes and playtimes. Reported by Dorset Echo on 3 July 2010 and in the Telegraph Online on 4 July 2010

http://www.windaction.org/news/28052

938 Fatal 11/07/2010 Belgrave, Western Ontario Canada

"Child, 3, dies after being pinned under wind turbine". A three year old boy was killed after being pinned under a residential wind turbine in southwestern Ontario. He was later named as Logan Hallahan.

Reported by The Hamilton Spectator and by London Free Press on 11 July 2010

http://www.windaction.org/news/28213

939 Environmental 13/07/2010 Washington and Oregon USA

A recent study in Klickitat County Windiclastes 6,500 birds and 3,000 bats are killed annually in the two states - although the number of actual deaths may be much higher as reported figures are based on number of carcases found and reported.

Reported by The Heartland Institute on 13 July 2010

http://www.windaction.org/news/28522

940 Structural failure 16/07/2010 Portland, Dorset, England UK

"Portland Olympic sailing venue wind turbine in news after "high winds". Wind turbine blown over in "high" winds. No-one injured. Reported in BBC News, Dorset on 16 July 2010

http://www.bbc.co.uk/news/uk-england-

941 Environmental 18/07/2010 Pennsylvania USA

"Expert: wind turbines and disease are cutting bat totals". Bats in PA are dying in such extreme numbers that future generations may never see them out in the world - especially the migratory variety which are being killed by wind turbines.

Reported by Times Leader on 18 July 2010

http://www.timesleader.com/news/Expert-

942 Miscellaneous 20/07/2010 Wooton-Under-Edge, Cotswolds, England UK

"Wind turbine at Wotton school has been out of action for four months" Turbine was turned off due to excessive noise and complaints from local residents. Reported by Gazette Series on 26 July 2010

http://www.windaction.org/news/28345

943 Blade failure 26/07/2010 La Salle County, Illinois USA

"Blowing winds break the blades" Bladed on a tower 6 miles east of Grand Ridge reported to be broken in half Reported by My Web Times on 26 July 2010

http://www.mywebtimes.com/archive/cottage-

944 Blade failure 26/07/2010 La Salle County, Illinois USA

"Blowing winds break the blades" Second blade on a tower near Marseilles also reported to be broken in half Reported by My Web Times on 26 July 2010

http://www.mywebtimes.com/archive/cottage-


945 Fatal 27/07/2010 Bard Offshore 1, Germany

Diving fatality during operation/maintenance at Bard Offshore 1 offshore wind farm, Germany

HSE challenges related to offshore renewable energy, SINTEF Report A18107, 15 February 2011, page 61

http://www.sintef.no/upload/Teknologi_og_samfunn/Sikkerhet_og_p%C3%A5litelse/Final_report_HSE_challenges_offshore_renewable_energy.pdf

946 Miscellaneous 28/07/2010 Cogealac Romania

"5 injured in spat over wind farm in Romania" Five protestors were injured after wind farm guards opened fire on them with rubber bullets.


947 Human injury 03/08/2010 Bloomington, Illinois USA

"Power lines fall on car after accident, trapping 2 teens" Two teenagers very badly shaken, though not physically injured, after wind-turbine transport knocked down low hanging wires, which fell onto their car.


948 Environmental 06/08/2010 Wolfe Island, Kingston, Ontario Canada

"Canadian wind turbine kills 10 birds and bats a day". The first study of the 86 wind turbines found they killed 46 birds and 45 bats over a two-month period (May–June 2009). A second report (covering July–December 2009) documented 602 bird and 1,270 bat fatalities, or about three bird kills and seven bat kills a day. A third study (of the farm's first eight months of operation) uncovered 1,962 bird and bat deaths, for a daily average of eight a day. Thirty-three different bird species were included in the fatality report.

Reported by AllGov on 6 August 2010 http://www.allgov.com/Controversies/ViewNews/Canadian_Wind_Turbine_Kills_10_Birds_and_Bats_a_Day_100806

949 Blade failure 08/08/2010 Elkhorn Ridge, Nebraska USA

"Lightning strikes Elkhorn Ridge wind turbine" Lightning struck a turbine at the Elkhorn Ridge wind farm near Bloomfield Sunday afternoon. There were no injuries, but a turbine blade was damaged, said Susan Oleavani, a spokeswoman for Edison Mission Energy, in an e-mail. The turbine was off-line for repairs. The Bloomfield Fire Department responded to the emergency call.


950 Miscellaneous 10/08/2010 Botetourt County, Virginia USA

"BP admits mistake on wind tower in Botetourt County" Oil giant BP broke the rules in Botetourt County. A company official admits they built a 198 foot tower last year without permission.


951 Blade failure 12/08/2010 Hobart, Tasmania, Australia

"Wind blows up turbines drama" They were designed to withstand cyclones but yesterday's blustery conditions were enough to wreck two wind power turbines on top of the Hobart waterfront Marine Board Building. The turbines were seen spinning out of control in winds of up to 94km/h (58 mph) just before midday - before two blades came loose and fell in on themselves. It was later attributed to human error.


952 Structural failure 12/08/2010 UK offshore windfarms (general) UK

"Fixing offshore wind turbine gnat problem might cost £25 million" Grout injected during the erection of offshore wind farms is breaking up, leading to concerns over their structural integrity, according to a report by engineers at Scottish & Southern Energy. Industry figures believe 600 turbines at 13 wind farms could currently be affected, leading to repair bills estimated to be around the £25 million mark. They are recommending monitoring of any movement and using steel blocks on the T-­-piece brackets to support the structure. Meanwhile, the grout, which was initially classified with a safety factory of 3 has been reclassified for this type of design to 1 or below - with the proviso that the larger the design, the less safe it is.

953 Miscellaneous 17/08/2010 UK offshore windfarm (4 off) UK Siemens Siemens forced to repair corroded bearings on 3.6MW offshore turbines’ OFFSHORE: Siemens is carrying out essential maintenance work on four offshore wind farms, including the recently opened Gunfleet Sands, after it was discovered the turbines' bearings were corroding. The four wind farms all use Siemens’ 3.6MW turbines. In addition to Dong Energy’s Gunfleet Sands, the affected developments are: Burbo Bank (Dong), Rhi Flats (RWE) and Lynn and Inner Dowsing (Centrica). Gunfleet Sands was only brought online last month. In all 181 wind turbines have been affected. Reported by Windpower Monthly, 17 August 2010 http://www.windpowermonthly.com/go/europe/news/1022734/Siemens-forced-repair-corroding-bearing-3-6MW-offshore-turbines/

954 Miscellaneous 17/08/2010 London, England UK Residents hit boiling point at the eco tower where turbines don't turn The 43-storey Strata Tower in Elephant and Castle was completed two months ago incorporating three wind turbines on its top which were supposed to provide eight per cent of residents’ electricity. But the turbines have barely moved, according to its new residents. Reported by London Evening Standard on 17 August 2010 http://www.thisislondon.co.uk/standard/article-23867829-residents-hit-boiling-point-at-eco-tower-where-turbines-dont-turn.do

955 Miscellaneous 18/08/2010 Manawatu wind farm, New Zealand New Zealand Brainless thieves risk electrocution at wind farm Thirty-one turbines were shut down at TrustPower’s Taranui wind farm about 2am yesterday after thieves cut through a wire fence, drained transformer coolant oil and dug up copper wire bands. The loss of coolant triggered alarms which shut the turbines down. Reported by News3 on 18 August 2010 http://www.windaction.org/news/28783

956 Fire 20/08/2010 Hatchet Ridge, CA USA Blaze near wind turbines may have rekindled Fire crews contained a fire Thursday afternoon after it burned more than two acres of timber adjacent to woods blackened by wildfire last week. Initial reports were that the fire might have been a rekindled blaze within the patch of forest burned in the Hatchet Fire on Aug. 9, said Mark Mack, captain for the California Department of Forestry and Fire protection. The Hatchet Fire burned five acres, spreading through logging slash. Thursday’s fire, which they also called the Hatchet Fire, was reported about 10 a.m. off Big Bend Road north of Highway 299, west of Hatchet Ridge, a Cal Fire dispatcher said. Crews reported that they contained the fire about 4 p.m., stopping it at slightly more than 2% acres. Six engines, three water tenders, two helicopters, two air tankers, a bulldozer and three hand crews fought the fire, Mack said. Reported by Record-Searchlight on 20 August 2010 http://www.redding.com/news/2010/aug/19/blaze-may-have-rekindled/ http://www.windaction.org/news/28826

957 Fire 08/08/2010 Hatchet Ridge, CA USA Blaze near wind turbines may have rekindled See above report for initial fire Reported by Record-Searchlight on 20 August 2010 http://www.redding.com/news/2010/aug/19/blaze-may-have-rekindled/
958 Environmental 23/08/2010 UK offshore - various, UK Wind farm clue to horrific 'corkscrew seal deaths' "Experts probing the so-called 'corkscrew deaths' of seals on Britain's East Coast believe the building of a huge offshore wind farm could be to blame. The corpses of 50 seals with a clean 'corkscrew' cut running from head to tail have been washed up over the past 18 months. Now scientists investigating the riddle have linked it to the Sheringham Shoal wind farm, which is being built 12 miles off the Norfolk coast. It is thought that the seals have fallen victim to boats with ducted propellers, which have a non-rotating nozzle. The propellers are surrounded by metal casing, which allows greater fuel efficiency for boats with heavy loads. The injuries are thought to occur when the mammals are sucked into the propeller and ejected at the other end, causing the tell-tale deep, smooth, spiral cut. Death is caused by massive tissue damage and loss of blood." Reported by the Daily Mail on 23 August 2010 http://www.dailymail.co.uk/news/article-1305402/Wind-farm-clue-horrific-corkscrew-seal-deaths.html?ito=feeds-newsxml

959 Environmental 05/09/2010 Garrett wind farm, MD USA Construction of Garrett wind farm at a standstill Work ordered to stop by State environmental officials following violations related to water runoff and soil erosion controls. Reported by Cumberland Times-News on 5 September 2010 http://www.windaction.org/news/29033

960 Transport 06/09/2010 Forreston, Ogle County, IL USA Windmill tower separates from trailer in Forreston A trailer containing a windmill tower had parted with the semi tractor pulling it and rolled over, blocking both lanes of Highway Route 26 for 6 hours. The driver was unjured. Reported by Ogle County Life on 6 September 2010 http://www.windaction.org/news/29029

961 Blade failure 06/09/2010 Leim, Western Jutland Denmark Part of blade breaks off from Vessla V112 prototype A blade piece between 6m and 7m fell off the blade and is being recovered. Reported by Retcharge on 8 September 2010 http://www.windaction.org/news/29111

962 Blade failure 13/09/2010 Wansbeck Hospital, Ashington, Northumberland, England UK Wansbeck General Hospital to demolish broken turbine The turbine produced no electricity since 2007. A fault had developed on the tip of one of its blades, when its carbon fibre coating started to come lose. It was repaired, but the fault re-appeared later and the turbine was switched off. Reported by The Journal on 13 September 2010 http://www.journallive.co.uk/north-east-news/todays-news/2010/09/13/wansbeck-general-hospital-to-demolish-broken-turbine-51634-27254466/


965 Fire 19/09/2010 Rochefort-en-Valdaine windpark France "Two turbines caught fire in Drôme" Two turbines 3km apart caught fire at Rochefort-en-Valdaine. There had been a previous fire in December 2004. Debris reported to be scattered over a large area though firemen controlled this. Reported in Le Figaro and Actu France-Soir on 19 September 2010 http://www.francesoir.fr/faits-divers/drome-deux-eoliennes-prennent-feu.25165 http://www.legafrique.com/drome-deux-eoliennes-prennent-feu.26762

966 Transport 29/09/2010 Fly Creek Bridge, Nevada USA "Wind turbine mishap snarls traffic" Both lanes of U54 were blocked after a trailer broke while crossing the Fly Creek bridge. The load - a wind turbine tower section - fell onto the highway. Reported by Nevada Daily Mail on 29 September 2010 http://www.nevadadailymail.com/story/1668359.html

968 Fatal 12/10/2010 Wind turbine construction site near Kimberl, SD USA Wrightsville man killed in accident at SD Construction site*. A Wrightsville man was killed in a work-related accident at a wind turbine construction site last week, according to authorities. Stephen C. McDarms, 40, was killed Friday afternoon at a construction site about six miles northeast of Kimberl, S.D., according to Lt. Alan Welsh with the South Dakota Highway Patrol.

Reported in York Despatch on 12 October 2010
http://www.windaction.org/news/29487
http://www.yorkdispatch.com/article_16318498

969 Human injury 18/10/2010 Vestas Windsor Plant, CO USA Vestas using potentially harmful chemicals*. A two-month investigation shows that a handful of employees working at the Vestas facility, 11140 Eastman Park Drive, have been injured by an epoxy resin used in the blade manufacturing process.

Reported in Windsor Beacon on 18 October 2010
http://pqasb.pqarchiver.com/coloradoan/acc/2010/969 Human injury 18/10/2010 Vestas Windsor Plant, USA “Vestas using potentially harmful chemicals”. A two-month investigation shows that a handful of employees working at the Vestas facility, 11140 Eastman Park Drive, have been injured by an epoxy resin used in the blade manufacturing process.

Reported in EastbayRI.com on 28 October 2010
http://www.windaction.org/news/29673
http://www.jetonsan.com/article_6469306_d6ff-bf0f-11cf-bbb0-001cc4c03286.html

970 Blade failure 18/10/2010 Lincoln, Nebraska USA LES's lightning-strike turbine gets more repairs* Turbine reported to have been struck by lightning in May, nailing in a 2 foot split at the tip of one blade. This was mended and returned to service June 1. The other two blades - also damaged by lightning - are now being replaced.

Reported in Lincoln Journal Star on 18 October 2010
http://journalstar.com/news/local/article_646f970 Blade failure 18/10/2010 Lincoln, Nebraska USA “LES' lightning-strike turbine gets more repairs” Turbine resported to have been struck by lightning in May, resulting in a 2 foot split at the tip of one blade. This was mended and returned to service June 1. The other two blades - also damaged by lightning - are now being replaced.

Reported in Wyoming News on 28 October 2010
http://www.windaction.org/news/29674

971 Transport 22/10/2010 Barrhill, Ayrshire, Scotland UK Turbine truck comes off the road at Barrhill* Chaos reported after a 20 tonnes of turbine hubs came off the road. Road closed “for most of the day”.

Reported in Ayrshire Post on 22 October 2010
http://www.windaction.org/news/29688

972 Miscellaneous 23/10/2010 Tehachapi, CA USA Runaway turbine closes road* California Highway Patrol closed Tehachapi-Willow Springs Road from Cameron Canyon Road to Hightline Road from 4:35 p.m. Sat., Oct. 23 to 7 a.m. Monday, Oct. 25 because of potential danger to motorists from a runaway wind turbine. “The runaway wind turbine, when it deteriorates or explodes, can send scrap metal and steel up to a mile away,” said CHP Officer Ed Smith.

Reported in Tehachapi News on 26 October 2010
http://www.windaction.org/news/29698
http://www.tehachapanews.com/content/wind-closes-ext-165-runaway-turbine-closed-roads/11438.html

973 Miscellaneous 27/10/2010 Coldham wind farm, Cambridgeshire UK Wind farm campaigner attacks “dead end technology” as broken turbines stand idle* One turbine reported to be out of action since at least 27 October 2010.

Reported in Wisbech Standard on 16 January 2011
http://www.wisbechstandard.co.uk/news/uk/4-farm-campaign-attacks-dead-end-technology-as-broken-turbines-stand-idle-77666

974 Miscellaneous 27/10/2010 Conneaut Middle School, OH USA 600 kW NexGen Energy turbine School wind turbine not working as touted*. Unreliable - has only worked 60% of time. Faulty hydraulics blamed.

Reported in Star Beacon on 27 October 2010
http://www.windaction.org/news/29695

975 Structural failure 28/10/2010 Pottamouth, HI USA Canadian made turbine Canadian turbine stops turning*. Turbine reported broken due to faulty components.

Reported in EalibayKtv.com on 28 October 2010
http://www.windaction.org/news/29702
http://www.ealibayktv.com/detail/199802.html

976 Fatal 28/10/2010 Vestas plant south of Pueblo, CO USA Worker, 21, dies following Vestas accident* 21 year old John Keel died as a result of crushing injuries after being pinned between a railroad car and a forklift.

Reported in The Chieftain on 28 October 2010
http://www.windaction.org/news/29707
http://www.chieftain.com/article_a56ece0c-e248-11df-9a5a-001cc4c002e0.html

977 Fire 28/10/2010 Tis Mostyn and Foel Bach windfarm in Nantglyn, Denbighshire, Wales UK Road closed after blaze at North Wales windfarm*. Firemen powerless to fight a fire 75m above the ground. Local councillor Paul Marfleet added: “I have been looking into this on the internet and it seems it is quite a common thing. Turbines are catching fire quite regularly – it’s something to do with the gearbox overheating.”

Reported in North Wales News on 28 October 2010
http://www.windaction.org/news/29709

978 Blade failure 30/09/2010 Galveston, Texas United States "Suit says wind turbine blade came off, hit employee vehicle". Court case in April 2011 regarding wind turbine blades which sheared off in September 2010. One blade struck a vehicle causing "substantial damage".

Reported in Galveston Bureau on 15 April 2011
http://www.windaction.org/news/234796

979 Environmental 02/11/2010 St Nicolas wind park, Bulgaria Bulgaria "Vulture killed by illegal wind farm"*. Rare Griffin Vulture reported killed at the St Nicholas wind park on the Black Sea coast. The wind park is focus of two EC infringement procedures for failing to properly protect or care for local birdlife.

Reported in Croatian Times on 1 November 2010
http://www.windaction.org/news/2011/01/02/vulture-killed-by-illegal-wind-farm
980 Transport 03/11/2010 Bloomington, Illinois USA
"Truck carrying wind turbine tower snacks traffic in E-N". Failed to make a turn and held up traffic for 3 hours.
Reported in Pantagraph on 3 November 2010
http://www.windaction.org/news/2993

981 Environmental 08/11/2010 Wichita, Kansas USA
"Hartman Arena sues wind turbine maker Enertech Inc." Turbine reported to have "flung off" over a wide area.
Reported in Wichita Eagle on 8 November 2010
http://www.windaction.org/news/2988

982 Miscellaneous 08/11/2010 Wichita, Kansas USA
"Hartman Arena sues wind turbine maker Enertech Inc." Turbine reported to have a number of issues and never having worked properly.
Reported in Wichita Eagle on 8 November 2010
http://www.windaction.org/news/2989

983 Miscellaneous 16/11/2010 Wauba wind farm Australia
"Wind farm noise report reveals planning breaches" Noise reported to exceed planning levels at 23 of the properties monitored.
Reported in ABC Ballarat on 16 November 2010
http://www.windaction.org/news/30032

984 Environmental 16/11/2010 Woolnorth, Tasmania Australia
"Deaths of rare eagles rise", A rare juvenile wedge-tailed gaegle reported as the 22nd to die at Woolnorth.
Reported in The Age on 16 November 2010
http://www.windaction.org/news/30028

985 Human injury 18/11/2010 Wyanet, Illinois USA
"Worker rescued on wind turbine". Maintenance worker reported to be injured and had to be rescued from the turbine before being transferred to hospital.
Reported in News Tribune on 18 November 2010
http://www.windaction.org/news/30034

986 Human injury 20/11/2010 Vestlas plant south of Pueblo, CO USA
"Worker hurt in accident at Vestlas plant" 29 year old man had his hand crushed while working on a tower section.
Reported in The Courier on 20 November 2010
http://www.windaction.org/news/30027

987 Fire 20/11/2010 Wauba wind farm Australia
"Waubra policy to let turbine fires burn out" Local fire fighters could do little but watch the blaze from half a kilometre away as the situation was deemed too dangerous to approach, according to a local report.
Reported in The Courier on 20 November 2010
http://www.windaction.org/news/30028

988 Miscellaneous 24/11/2010 Vinalhaven, Maine USA
"Vinalhaven turbines too loud" Night time noise levels exceeded following measurements and official complaints from neighbours.
Reported in Banner Daily News on 24 November 2010
http://www.windaction.org/news/30027

989 Structural failure 25/11/2010 Foote Creek Rim wind facility, Arlington, Wyoming USA
"Collapsed turbine in Wyoming" Photos of collapse of turbine #11 at the Foote Creek Rim wind facility near Arlington, Wyoming.
Reported by windaction.org
http://www.windaction.org/pictures/30661
http://www.windaction.org/pictures/30662

990 Human injury 27/11/2010 Alpha Ventus offshore wind farm, Germany
"Fuse box fell onto worker's head, injuring him. Rescue had to take place using naval helicopter due to 3m swell."
Reported in Pantagraph on 30 November 2010
http://www.windaction.org/news/30019

991 Blade failure 28/11/2010 Perkins Schoor turbine, Ohio USA
"Perkins wind turbine drops blade" School turbine threw the blade. The second blade incident with the same turbine in two tears.
Reported in Sandusky Register on 28 November 2010
http://www.windaction.org/news/30152

992 Blade failure 03/12/2010 Pigeon, Michigan USA
"Wind turbine blade falls off again at Elkton- Pigeon- Bay Port"  Age put down to loss of a blade on one of the Pigeon turbines. The same turbine lost a blade in 2009
Reported in Huron Daily Tribune on 3 December 2010
http://www.windaction.org/news/30223

993 Human injury 05/12/2010 Cabeco Grande, Sabucedo, Montalgre Portugal
"Two maintenance technicians reported to have been rescued from Cabeco Grande wind park by helicopter following injury (in Portugese)"
Reported by Ecotretas on 22 April 2011

994 Transport 07/12/2010 Sheffield, VT USA
"Truck carrying explosives overturns in Sheffield". A truck carrying 18000 pounds of explosives for the Sheffield wind farm went off the road and rolled over.
Reported in Caledonian Record on 7 December 2010
http://www.windaction.org/news/30281

995 Transport 08/12/2010 Te Uku, near Raglan New Zealand
"Truck carrying wind turbine blade crashes"  Truck crashed off the road carrying a 49m long, 10 tonne blade.
Reported in Waikato Times on 9 December 2010
http://www.windaction.org/news/30324

996 Transport 11/12/2010 South Burlington, VT USA
"Truck carrying wind tower gets stuck on ramp"  Driver failed to take a curve in the road and blocked it for hours.
Reported in WCAX News on 11 December 2010
http://www.windaction.org/news/30332

997 Human injury 16/12/2010 Pouille-les-Coteaux wind park France
"Wounded employee rescued from wind turbine" (Original in French) Firemen had to rescue an injured 22 year old maintenance technician by lowering him 98m in freezing temperatures.
Reported in La Rochelle (Ouest France) on 16 December 2010
998  
17/12/2010  
Bishop Pozoaltes wind park, Sabugal  
Portugal  
"Sabugal: Queda mata operario" (Fall kills labourer in Sabugal). A 32 year old maintenancer worker died after falling over 50 meters from a wind tower. (Original article in Portuguese)  
Reported by Correio da manha and guarda.pt on 17 December 2010  

999  
24/12/2010  
Roadsand-2 offshore wind park  
Denmark  
"EON cuts production from Danish Wind park after ice on turbines", 270MW wind park operating at 130Mw after shutting down many turbines due to ice build up.  
Reported by Lars Paulsson via Bloomberg on 23 December 2010  

1000  
28/12/2010  
Cisar Lake, Iowa  
United States  
"Wind turbine destroyed by fire" Old FPL turbine reported to have burnt out approx a week before. Photos.  
Reported by National Wind Watch on 28 December 2010  

1001  
30/12/2010  
Quayachilla  
Puerto Rico  
" Destruction and environmental crime in Cerro Toro and Punta Boar in Guayavilla, Puerto Rico" Company Windrar reported to be causing extensive environmental damage during construction of wind farm at Punta Ventana. (Original in Spanish)  
Press release by Pro Bosque Seco Ventanas Coalition Boar, Tuesday 28 December 2010  

1002  
31/12/2010  
Osternarsch, Lower Saxony  
Germany  
"Wind turbine abasado at Osternarsch, Germany" Wind turbine completely burnt out during fire. Fire crew attended for 7 hours but could do nothing.  
Reported via EPAW on 31/12/2010  
http://www.europolicuron.de/index.php?view=article&id=1001

1003  
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Denmark  
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No details of incident. Provision of analysis, advice and restoration of fire damaged components. Location likely to be of AREPA's work  
AREPA Group reference list of tasks regarding wind turbines  
http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

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http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

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AREPA Group reference list of tasks regarding wind turbines  
http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

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AREPA Group reference list of tasks regarding wind turbines  
http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

1009  
06/01/2011  
Nullity Mountain wind farm, Nova Scotia  
Canada  
"Five Nullity turbines taken out of service for repairs" Turbine bases improperly installed and movement reported between the bases and the towers  
Reported in The Chronicle Herald on 6 January 2011  

1010  
06/01/2011  
China  
"Rare earths leave toxic trail to Toyota Prius, Vestas turbine". Unregulated Chinese mines reported as the source for over 95 percent of global shipments of 17 rare earth metals used in wind turbines and other items. These mines are now being closed down as they are reported to have caused severe environmental damage.  
Reported in Business Week on 6 January 2011  

1011  
07/01/2011  
Shangyi County, northern China  
China  
"Three wild workers killed in Sinovel incident" Three workers reported killed while installing and testing a Sinovel wind turbine in northern China. One worker suffered an electric shock in the nacelle. The other two workers were badly injured from the resulting fire and died later in hospital. The accident follows a recent announcement by China's National Energy Bureau that it is launching an investigation of whether cost cutting has led to a fall in safety standards.  
Reported in Windpower Monthly Magazine on 7 January 2011  
1012 Miscellaneous 10/01/2011 Walney offshore wind farm, England UK "Investigation into turbine blade fall" Construction accident - 18 tonne blade broke free from hoist during lifting at Walney offshore wind farm. Two workers were badly shaken by the accident and later quit. HSE are investigating. The incident happened during August 2010. Reported by North-West Evening Mail on 10 January 2011 http://www.tweml.co.uk/news/investigation-into-turbine-blade-fall-1.7976670/1/0/10216010/reporter/path/home/2.3320

1013 Fatal 10/01/2011 Wobbly Tracey Island, Oakland, California United States NTSB report: Airplane collision with nacelle Light aircraft hit a wind farm meteorological tower, killing the pilot. It was later reported that Stephen Allen, 58, died in the crash reported about 11 a.m. Jan. 10. Allen was the only person on board the Rockwell International B-29 Thrus Commander crop duster. Reported through NTSB report dated 19 Jan 2011. Follow up report in Contra Costa Times the same day. http://www.news10.net/news/pdf/ntsb_report.pdf


1015 Human injury 14/01/2011 Rochester, Minnesota United States "Two injured when wind turbine collapses near Rochester" Two men reported injured during tower construction. Deputy Fire Chief Steve Belau tells Minnesota Public Radio News one of the workers was seriously injured and was airlifted to St. Marys Hospital in Rochester. He says the other was taken to the hospital by ambulance. Belau says a crane working on the tower lost its grip, causing the tower to fall. Reported in Post-Bulletin and WKBT.com on 14 January 2011 http://www.wikitalk.com/news/stories/display.php?id=1440978

1016 Fatal 14/01/2011 St Joseph, Winnipeg, Manitoba Canada "Snowmobiler killed at wind-farm site" 47-yr old man killed when the snowmobile he was driving stuck a fence around a wind farm construction site. Reported in Winnipeg Free Press on 14 January 2011 http://www.windwatch.org/news/2011/01/14/snowmobiler-killed-at-wind-farm-site/


1018 Blade failure 17/01/2011 Tesco, Consett, County Durham, England UK "Turbine blade breaks off in wind". Blade reported to have broken off turbine at Tesco store in Consett, the previous Saturday. No reported injuries. Tesco refused to comment. Reported by The Northern Echo on 17 January 2011 http://www.thenorthern Echo.co.uk/news/local/794510.Turbine_breaks_off_in_wi nd

1019 Miscellaneous 22/01/2011 Prince Edward Island, British Columbia Canada "Wind turbine flicker upsets neighbours" Shadow flicker reported to be causing major negative impact on the community for about an hour a day. Turbine operators refusing to shut down as they will lose money. Reported in CBC News on 22 January 2011 http://www.windwatch.org/news/2011/01/22/wind-turbine-flicker-upsets-neighbours/

1020 Environmental 26/01/2011 Wolfe Island Canada "Death of large birds concerns naturalists" 10 birds reported to have been killed by Wolfe Island wind farm in the first half of 2010. Significantly more than expected or predicted. Reported by The Whig Standard on 26 January 2011 http://www.thewhig.com/ArticleDisplay.aspx?id=2946372


1022 Miscellaneous 28/01/2011 Waubra, Ballarat, Victoria Australia "Turbines declared a nasty neighbour as secret buyout is revealed". Residents reported to have suffered health problems for years from adjacent turbines reported to have been gagged from talking in return for the sale of their land. Reported on Sunday Herald Sun on 29 January 2011 http://www.heraldsun.com.au/news/victoria/articles/03/01/01/01/01/2705.php?feed=77672


<table>
<thead>
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<td>1026</td>
<td>03/02/2011</td>
<td>Portsmouth, Rhode Island, United States</td>
<td>Structural failure</td>
<td>&quot;Dead batteries stall wind turbine&quot; Wind turbine completely shut down after battery failure</td>
<td><a href="http://www.windaction.org/news/30993">http://www.windaction.org/news/30993</a></td>
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<tr>
<td>1027</td>
<td>16/02/2011</td>
<td>Fredericton, New Brunswick, Canada</td>
<td>Ice throw</td>
<td>New Brunswick wind farm frozen out of commission 25km stretch of turbines reported to be completely shut down for several weeks due to ice hazard</td>
<td><a href="http://www.windaction.org/news/30943">http://www.windaction.org/news/30943</a></td>
</tr>
<tr>
<td>1028</td>
<td>February 2011</td>
<td>Griffin wind farm, Parthshire, Scotland</td>
<td>Environmental</td>
<td>&quot;Special investigation: Toon wind turbine&quot; The report details that in February 2011, the nearby Tombane Burn turned yellow as a result of poor drainage at the wind farm.</td>
<td><a href="http://www.windaction.org/posts/40153">http://www.windaction.org/posts/40153</a></td>
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<tr>
<td>1029</td>
<td>01/03/2011</td>
<td>Lackawanna, New York, United States</td>
<td>Mechanical failure</td>
<td>&quot;Steelwinds turbines down again&quot; WIVB TV reports considerable mechanical failure continuing for these turbines (video)</td>
<td><a href="http://www.windaction.org/news/30955">http://www.windaction.org/news/30955</a></td>
</tr>
<tr>
<td>1030</td>
<td>04/03/2011</td>
<td>St Cloud, Minnesota, United States</td>
<td>Transport</td>
<td>600kW Wind turbine at VA delayed because 1 blade damaged Blade damaged during shipping</td>
<td><a href="http://www.windaction.org/news/30993">http://www.windaction.org/news/30993</a></td>
</tr>
<tr>
<td>1031</td>
<td>03/03/2011</td>
<td>Willmar High School, Minnesota, United States</td>
<td>Transport</td>
<td>&quot;Wind turbine at VA delayed because 1 blade damaged&quot; The trailer became stuck in snow and took 2 hours to reopen the highway.</td>
<td><a href="http://www.windaction.org/news/30993">http://www.windaction.org/news/30993</a></td>
</tr>
<tr>
<td>1032</td>
<td>11/03/2011</td>
<td>Willmar High School, Minnesota, United States</td>
<td>Miscellaneous</td>
<td>&quot;Failed electronics stop Willmar wind turbines&quot; Turbine #3 reported to have been shut down on Friday 11 March due to electrical failure</td>
<td><a href="http://www.windaction.org/news/30993">http://www.windaction.org/news/30993</a></td>
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<tr>
<td>1033</td>
<td>13/03/2011</td>
<td>Lincoln, Illinois, United States</td>
<td>Transport</td>
<td>&quot;Turbine damages rail track, then leaves&quot; double trailer carrying a wind turbine base supported between two flatbeds came to a jarring halt, bending and twisting the rail. Operators hydraulically raised the load; then they got back into the truck and drove away. An eyewitness, concerned that approximately four feet of the rail showed a marked twist, called in to 911 to alert authorities of the possible danger.</td>
<td><a href="http://www.windaction.org/news/30993">http://www.windaction.org/news/30993</a></td>
</tr>
<tr>
<td>1034</td>
<td>14/03/2011</td>
<td>Willmar High School, Minnesota, United States</td>
<td>Miscellaneous</td>
<td>&quot;City shuts down operation of second turbine&quot; Second turbine #4 reported to have been shut down on Monday 13 March after the public reported a &quot;dink&quot; every time the blade rotated</td>
<td><a href="http://www.windaction.org/news/30993">http://www.windaction.org/news/30993</a></td>
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<tr>
<td>1035</td>
<td>16/03/2011</td>
<td>Rugby, North Dakota, United States</td>
<td>Structural failure</td>
<td>&quot;Rotor crashes at Iberdrola's Rugby Wind Farm in North Dakota&quot; Rotor came crashing to the ground on March 14 after a brake failure led to a spinning of control. The rotor hit the tower on the way down, also damaging it. No one was injured. Turbines approx 6 months old. Failure was later attributed to bolt failure. 6 other turbines remained shut down on March 24.</td>
<td><a href="http://www.windaction.org/news/30993">http://www.windaction.org/news/30993</a></td>
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<td>1036</td>
<td>17/03/2011</td>
<td>Kamaishi, Takedinoshoirai and Satoms wind farms, Japan</td>
<td>Miscellaneous</td>
<td>&quot;City shuts down operation of second turbine&quot;. Second turbine #4 reported to have been shut down on Monday 13 March after the public reported a “dink” every time the blade rotated</td>
<td><a href="http://www.windaction.org/news/30993">http://www.windaction.org/news/30993</a></td>
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<tr>
<td>1037</td>
<td>24/03/2011</td>
<td>Nordjurs, East Jutland, Denmark</td>
<td>Transport</td>
<td>&quot;Outriggers give way under big crane&quot; A 450 tonne all terrain crane carrying a rotor blade lost stability and dropped the load. The outriggers on one side sank into soft ground, resulting in the crane falling over. The incident happened on 14 March.</td>
<td><a href="http://www.windaction.org/news/30993">http://www.windaction.org/news/30993</a></td>
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<tr>
<td>1038</td>
<td>25/03/2011</td>
<td>Forked River, New Jersey, United States</td>
<td>Blade failure</td>
<td>&quot;State shuts down onshore wind turbine program after major malfunction&quot; All three blades were thrown from a turbine on March 2. The cause remains unexplained at March 25.</td>
<td><a href="http://www.windaction.org/news/30993">http://www.windaction.org/news/30993</a></td>
</tr>
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</table>
1041 Environmental 02/04/2011 General across USA United States "Bird deaths prompt wind rules". US Fish and Wildlife Service has introduced a new set of guidelines following dramatically higher bird deaths than predicted at some US wind power projects. Reported in The Journal on 2 April 2011.

1042 Environmental 04/04/2011 Kilgarvan, Kerry Ireland "Rare sea-eagle killed by wind turbine". Sea-eagle reported killed after colliding with a wind turbine near Kilgarvan, Kerry. Reported in Irish Times on 4 April 2011.


1045 Structural failure 16/04/2011 Scrabblesword Wind Project, Herkimer County, NY United States "Mortenson sues over weak wind farm concrete". Mortenson has already spent $4.5 million to replace the defective concrete and faces a further $2 million in delays and property damage. Reported in St. Paul Business Journal on 16 April 2011.

1046 Structural failure 18/04/2011 Deerfield, Ohio United States "Second wind turbine takes a tumble". "Tumble collapse reported, 120 feet high." Reported by WKBN TV on 19 April 2011.

1047 Transport 19/04/2011 Ottumwa, Iowa United States "Bridge repair could take at least 2 months". A pedestrian bridge hit by a wind turbine could take 2 months to repair at a cost of $75,000. The driver took a wrong turn. Reported by Ottumwa Courier on 19 April 2011.


1049 Transport 24/04/2011 Ramsgate, Kent, UK United States "Hunting holiday ruined after £300,000 catamaran is hit by wind farm guard boat". Wind farm boat was working on the London Array. The collision took place in Ramsgate harbour. No-one was injured. Reported in The Courier on 24 April 2011.

1050 Blade failure 24/04/2011 Christmas Tree Farm, Lacey, New Jersey United States "Wind turbine failures in Lacey put state energy program on hold". Two farmers installed 120 foot turbines in December. Three fiberglass blades weighing 265 to 290 pounds flew off the turbine at Christmas Tree Farm on Carriage Road on March 2, narrowly missing a 17 year old. The blades travelled 215 feet. All similar projects are now on hold. Reported in My Central New Jersey on 24 April 2011.

1051 Blade failure 24/04/2011 Argos Farm, Lacey, New Jersey United States "Wild turbine failures in Lacey put state energy program on hold". Two farmers installed 120 foot turbines in December. Cracks were discovered in a turbine at Argos Farm in early March. All similar projects are now on hold. Reported in My Central New Jersey on 24 April 2011.

1052 Fire 24/04/2011 Kahuku, Hawaii United States "Investigators search for cause of small fire at Kahuku wind farm". Fire reported in battery room at Hawaiian wind farm. Reported in Star-Advertisor on 24 April 2011.

1053 Environmental 25/04/2011 GM Wind Power, Grand Forks, North Dakota United States "OSHA to fine GM Wind Power $136,500". Due to airborne levels of styrene in the factory last October. Other incidents in the same plant last August and September were also cited. Reported in Grand Forks Herald on 25 April 2011.

1054 Miscellaneous 27/04/2011 Exhibition Place, Toronto Canada "Wind blows a hole in turbine repair schedule". 2002 turbine reported to have a failed bearing - major repair required. Reported in Toronto Star on 27 April 2011.

1055 Blade failure 02/05/2011 Wilton, North Dakota United States "Incidents at Wilton wind farm concern some residents". Blade broken in heavy wind over the previous weekend, the second incident at the wind farm since 2009. Reported by KYTR-TV News on 2 May 2011.

1056 Blade failure 02/05/2011 Max, Minot, North Dakota United States "Two wind turbines suffer damage". "Wind turbine damaged near Max". Blade reported bent at Wilton, ND and a second blade bent at Max, Minot, ND during the same blizzard. Reported by KXMC-TV on 2 May and in Bismarck Tribune on 3 May 2011.
1057 Blade failure 06/05/2011 Shabbona, DeKalb county, Illinois United States "Nextera says broken wind turbine blade removed" Officials with NextEra Energy said a broken blade on a wind turbine has been removed and the cause of the shattered blade will be investigated. This is the second incident reported - the first broken blade was in May 2010. Blade reported to have shattered in mid-March. Reported in The Daily Chronicle on 6 May 2011 [http://www.windaction.org/news/31908]


1059 Human injury 16/05/2011 Vestas Pueblo factory, Colorado United States "Vestas Pueblo plant cited for alleged safety, health violations" OSHA has cited Vestas for one willful and 23 serious violations following a safety inspection of their wind turbine manufacturing plant. The inspection was initiated after an employee suffered partial amputation of 2 fingers and a broken wrist. Reported in The Gazette on 16 May 2011 [http://www.windaction.org/news/31953]

1060 Transport 17/05/2011 Galva, Illinois United States "Turbine truck hits power pole in Galva" Reported to have taken out the power pole and cables, plus damaged the intersection of routes 17 and 34, plus damaged personal property. Reported by Star-Courier on 17 May 2011 [http://www.windaction.org/news/31962]

1061 Transport 17/05/2011 Knoke, Iowa United States "Truck carrying wind tower base rolls over". Trailer reported to go into ditch and the entire truck and trailer rolled over. Reported by KCCI on 17 May 2011 [http://www.kcci.com/news/27921823/detail.html]

1062 Miscellaneous 17/05/2011 Lleida Spain "Judge of Lleida orders removal of 45-turbine wind park". Judge ruled that the turbines violated existing planning laws and that the land used was not appropriate for the erection of wind turbines. Reported in La Vanguardia on 17 May 2011 [http://www.lavanguardia.com/medio-ambiente/20110517/54155159411/un-juez-de-lerida-ordena-desmantelar-un-parque-eolico-de-45-molinos.html]

1063 Fatal 18/05/2011 California United States "Fatal accident: Bean Canyon, May 11". The body of Daniel Hamilton, aged 31, was recovered on May 12 after his vehicle fell over 200 feet down Bean Canyon. Hamilton was surveying and looking for wind turbine locations when the accident happened. Reported by Tehachapi News on 19 May 2011 [http://www.windaction.org/news/32009]


1065 Miscellaneous 31/05/2011 Yexian County, Henan Province China "Wind turbines damage a section of Great Wall". Chinese wind power company reported to have been fined 400,000 yuan for illegal installation of wind turbines that damaged a 2-km section of the Great Wall. Reported by Shanghai Daily on 31 May 2011 [http://www.windaction.org/news/32089]

1066 Transport 02/06/2011 Makara wind farm, Wellington New Zealand "Man killed at site near Makara windfarm". Maintenance worker was killed when his working platform overturned. A second man was critically injured. Reported by Vertical Press and The Dominion Post on 2 June 2011 [http://www.windaction.org/news/32109]

1067 Fatal 02/06/2011 Makara wind farm, Wellington New Zealand "Man killed at site near Makara windfarm". Maintenance worker was critically injured when his working platform overturned. A second man was killed. The injured man is 34 years old and from the Philippines. Reported by Vertical Press and The Dominion Post on 2 June 2011 [http://www.windaction.org/news/32298]

1068 Human injury 02/06/2011 Makara wind farm, Wellington New Zealand "Man killed at site near Makara windfarm". Maintenance worker was critically injured when his working platform overturned. A second man was killed. The injured man is 34 years old and from the Philippines. Reported by Vertical Press and The Dominion Post on 2 June 2011 [http://www.windaction.org/news/32298]
1069 Environmental 06/06/2011 Altamont Pass, California United States "Wind power turbines in Altamont Pass threaten protected birds". Scores of protected eagles reported to be dying each year due to collisions with wind turbines, the average reported to be 67 birds per year for 30 years. A field biologist estimates that 167 pairs of nesting golden eagles are required to sustain the current population, and there are only 60 pairs remaining.

Reported by Los Angeles Times on 6 June 2011

http://www.windaction.org/news/32112

1070 Miscellaneous 06/06/2011 Mullakkadu India "First wind farm lies in state of neglect". India's first wind farm, 10 x 55kW turbines installed in 1986, reported to be abandoned, with broken turbines. Has been unattended since 2006.

Reported by The New Indian Express on 6 June 2011

http://www.windaction.org/news/32114

1071 Transport 07/06/2011 California United States "SDG&E helicopter drops section of Powerlink tower 200 feet". San Diego Gas & Electric reported an accident during construction activities for the Sunrise Powerlink line, the new feed line being constructed for renewable energy projects.

Reported by East County Magazine on 7 June 2011

http://eastcountymagazine.com/node/9366

1072 Transport 08/06/2011 Macarthur Australia "Wind farm traffic cuts up road". Road reported to be heavily damaged due to wind farm construction traffic, pot holes 20 cm (8 inches) deep along a 35 km stretch.

Reported by The Standard on 8 June 2011

http://www.windaction.org/news/32127

1073 Miscellaneous 08/06/2011 Makara wind farm, New Zealand "Wellington winds too windy for wind farm". A number of bearing faults reported and blades patched.

Reported in New Zealand Herald on 8 June 2011

http://www.windaction.org/news/32128

1074 Miscellaneous 10/06/2011 Achany wind farm, Sutherland, Highlands, Scotland "Exasperated planners shut wind farm down". Local authority has forced SSE to shut down Achany wind farm due to excessive noise. The 23 turbine facility became operational in July 2010, and was shut down after almost 12 months of continued complaints by residents, some of which live 2km away.

Reported in The Northern Times on 10 June 2011

http://www.windaction.org/news/32130

1075 Transport 10/06/2011 Mosyn Port, North Wales UK "Lifting incident at Mosyn Port". Part of one of the turbines for the Walney II offshore wind farm was dropped at the port. No-one was hurt but equipment was damaged. The part dropped was an 80-tonne, 25m turbine top tower.

Reported by verifikal.net on 10 June 2011

http://www.windaction.org/news/32156

1076 Fatal 14/06/2011 Bellvue, nr Toledo, Ohio United States "Bellvue teen killed by fall from wind turbine". Ernie Garcia, 17, was killed after deciding to climb a turbine at Bellhue High School. The turbine had no security measures or fencing in place.

Reported in Sandusky Register on 14 June 2011


1077 Structural failure 24/06/2011 Toledo, Ohio United States "Wind turbine tumbles onto Toledo man's roof". A 25 foot turbine collapsed in a gust of wind and crashed onto the roof of the neighbouring property, damaging the roof.

Reported by WTOL-TV on 24 June 2011

http://www.windaction.org/news/32277

1078 Environmental June 2011 Clyde wind farm, Lanarkshire, Scotland UK "Special investigation: Toxic wind turbines". The report details that in June 2011, SEPA found high levels of stil in a burn near a wind farm at Elvanfoot. SEPA then discovered "significant damage" to 50 metres of land and found "the entire area had been stripped of vegetation" as a result of unauthorised work to divert water.

Reported by The Sunday Post on 23 March 2014

http://www.windaction.org/posts/45153

1079 Transport 07/07/2011 Quebec, Montreal Canada "Highway 20 reopened after crash". Truck carrying wind turbine tower hit an overpass, closing the road for 4 hours.

Reported by Montreal Gazette on 7 July 2011

http://www.windaction.org/news/32385

1080 Structural failure 07/07/2011 Lake Benton, Lincoln County, Minnesota United States "Thunderstorm damages wind turbines in Lincoln County". At least six turbines reported to be damaged after a thunderstorm. One turbine tower collapsed, folded in half.

Reported by Minnesota Public Radio on 7 July 2011

http://www.windaction.org/news/32380

1081 Blade failure 07/07/2011 Lake Benton, Lincoln County, Minnesota United States "Thunderstorm damages wind turbines in Lincoln County". At least six turbines reported to be damaged after a thunderstorm, many with blades missing.

Reported by Minnesota Public Radio on 7 July 2011

http://www.windaction.org/news/32381


1085 Mechanical failure 19/07/2011 University of Maine, Presque Isle, Maine United States 600KW turbine "UIMP windmill running after "frustrating" few months". Turbine reported to have been shut down for 70 days and only just reinstalled in July. Reported by Bangor Daily News on 19 July 2011 http://bangordailynews.com/2011/07/19/news/science/2011-06-03-uimp-windmill-running-after-frustrating-few-months.html


1090 Fire 03/08/2011 McDair, Missaukee County, Michigan United States "McDair wind turbine catches fire". Fire reported at wind turbine near McDair. The fire department confirmed that they could do little. Reported by Fox News on 3 August 2011 http://www.windaction.org/news/32659

1091 Environmental 03/08/2011 Pine Tree wind project, Tishacapi Mountains, California United States "Eagles die at California wind farm". Federal authorities investigating the deaths of at least six golden eagles at the site. Reported by the Los Angeles Times on 3 August 2011 http://www.latimes.com/news/local/la-me-wind-eagles-20110803,0,3259965.story


1093 Blade failure 08/08/2011 Minot, North Dakota United States "Brand new blade". Turbine B-26 blade had been damaged and was replaced on 9 August. Two other blades also have "nick" which are being repaired in situ. Reported by Minot Daily News on 21 August 2011 http://www.minotdailynews.com/page/content/id/557842/Brand-new-blade.html

1094 Miscellaneous 10/08/2011 Gwent y Mor wind farm, North Wales UK "Residents angry as water pipe is severed". 1500 households left without water after Npower Renewables severed a three inch water pipe. Reported by National Wind Watch on 10 August 2011 http://www.nationalwindwatch.org/news/2011/08/10/residents-angry-water-pipe-is-severed

1095 Fire 13/08/2011 Scout Moor wind farm, Rochdale, Lancashire, England UK "Wind farm up and running after blow". Scout Moor wind farm reported back on line after a fire earlier in the year. Date of the fire is not known. Reported by Rochdale Observer on 13 August 2011 http://www.bbc.co.uk/rochdaleobserver/news/62206357/wind-farm-up-and-running-after-fire.php

1096 Human injury 15/08/2011 Flat Ridge wind farm, Kiowa, Barber County, Kansas United States "Wind farm worker shocked in Barber Co.". Man reported to have been electrocuted at the Flat Ridge wind farm late on evening of 15 August. He was taken to Medicine Lodge and then transported to Via Christi Hospital on St. Francis in Wichita where he remained in critical condition when reported two days later. Reported by KJMN News on 17 August 2011 http://www.kksn.com/normal/lifestyle/story/Wind-farm-worker-shocked-in-Barber-Co-6476929.html


...
1098 Fatal 16/08/2011 Scout Moor wind farm, Rochdale, Lancashire, England UK "Driver who died after 130-Tonne crane crashes near Scout Moor wind farm is named" 49-year old Lindsay Easton died after his crane left a hillside road while in convoy with other vehicles. HSE are investigating. Reported by Manchester Evening News on 16 August 2011 and Construction Index on 17 August 2011

1099 Transport 17/08/2011 Julian Dubuque Bridge, Illinois United States Accident involving wind turbine blade causes $275,000 damage*. Two semi-tractor trailers involved in an accident, one carrying a wind turbine blade. Major routes US 52 and US 20 were blocked for 2 hours. Reported by Telegraph Herald on 17 August 2011

1100 Human Injury 17/08/2011 Stillwater, Oklahoma United States "Highway Patrol says semi-trailer's lost steering pin causes collision". The pin of a trailer hauling a wind turbine component slipped out, allowing the load to cross to the adjacent highway where it collided with a south-bound truck. The south-bound driver was taken to hospital with serious injuries and later sued for damages. Reported by KTAV-TV on 24 August 2011


1102 Fatal 24/08/2011 Nexetera windmill site, Osceola County, Iowa United States "Spirit Lake, Iowa man dies after falling from wind tower". 33-year old technician Christopher Paulette fell 60 feet and died in hospital. Incident still under investigation.

1103 Fire 26/08/2011 Calahan Brink wind project, Abilene, Texas United States "Wind turbine erupts into flames southwest of Abilene". Fire reported to have started in the turbine then spread to the surrounding area. Three fire crews were attempting to stop the spread to other turbines.

1104 Blade Failure 27/08/2011 Conneaut, Ohio United States 400kW NexGen "Blade gets splintered during ferocious storm". Blade was struck by lightning, shattering it and throwing debris over trucks parked nearby. The blade tip was blown off. Reported by The Star Beacon on 27 August 2011

1105 Miscellaneous 27/08/2011 Conneaut Middle School, Ohio United States 600kW NexGen "The 600kW turbine is reported to have only worked sporadically since installation in 2010, due to hydraulic problems". Reported by The Star Beacon on 27 August 2011

1106 Fatal 28/08/2011 Vasco Winds repowering project, California United States "Builder kills himself in roll over accident". 52-year old Fred Telford was killed when his bulldozer rolled over during work at the Vasco Winds Re-Powering Project off I-580. Reported by Dublin Patch on 29 August 2011

1107 Miscellaneous 02/09/2011 Derby, Vermont UK "Lightning strikes Derby windmill". Turbine reported damaged after lightning hit. Reported by The Orleans Record on 2 September 2011

1108 Blade Failure 02/09/2011 Northwood, Iowa United States "Storm bends, snaps propellers on wind turbines". Two turbines reported to have damaged blades following a thunderstorm. One blade was bent over and the second lost its tip. GuTs reported to only be 50-60 mph. Reported by KCCI on 2 September 2011

1109 Transport 05/09/2011 Griffin wind farm, Dunkeld, Perthshire, Scotland UK "Stick wind farm crane blocks road near Dunkeld". The crane left the road and ended perch 86 above the River Braan. The main A922 road was closed for nearly 24 hours, with locals having to travel an additional 80 miles to reach their nearest town. Reported by BBC News and The Courier on 5 September 2011

1110 Blade Failure 06/09/2011 Lister Hospital, Hertfordshire, England UK "Six foot blade flies off new Lister turbine". A six-foot blade flew off after only a week's operation, and landed on a car, damaging its roof. The turbine is on the roof of a brand new hospital car park. Reported by The Comet on 6 September 2011

1111 Human Injury 06/09/2011 Qingdao, Shandong Province, China China "Worker injured from 70m wind turbine". The rescue took two hours. Reported by China Central Television CCTV+ on 6 September 2011. Also reported by ITN News.
1112 Mechanical failure 07/09/2011 Department of Environmental Quality, Bay City, Michigan United States "Bay City DEQ wind turbine might have a gear box problem”. Turbine reported to have been out of operation for months, due to an expected gear box problem.

Reported by Booth Mid-Michigan on 7 September 2011 http://www.windaction.org/news/32932

1113 Environmental 07/09/2011 Honduras Central America "Construction of wind farm affects Lenca" (original in Spanish). The natural environment in which the Lenca live is being destroyed by a wind farm in their community. The Lenca are an indigenous people of southwestern Honduras.


1114 Blade failure 08/09/2011 Southern India India Gamesa 805kW "Gamesa starts probe after blade breaks off wind turbine in India". Blade "fell off" a 5-year old 805kW turbine. The blade hit a transmission line, knocking out power.

Reported by Bloomberg on 8 September 2011 http://www.windaction.org/news/33030

1115 Mechanical failure 16/09/2011 Inverclyde Academy, Greenock, Scotland UK 50kW "Wind turbine is ‘embarrassment’". School turbine reported to have been at a standstill for a year, following mechanical failure. Parts have been awaited for over a year.

Reported by Greenock Telegraph on 16 September 2011 http://www.greenocktelegraph.co.uk/?login=6&next=news/roundup/articles/2011/09/16/6/417426-wind-turbine-is-embarrassment/

1116 Mechanical failure 16/09/2011 Tomelilla, Southern Sweden Sweden "Se vindkraftverket brinna" (The wind turbine burns). The fire is reported to have started around 10 o`clock on wednesday september 21. The fire brigade could do nothing. The url shows a video showing the burnt out turbine.


1117 Fire 21/09/2011 Conneaut, Ohio United States 400kW NexGen "Wind turbine blades destroyed by wind". Photographs of storm damage caused in late August clearly show that a second turbine blade was also damaged.


1118 Blade failure 22/09/2011 The Deco, Lerwick, Shetland UK Proven P35-2 "Small wind turbine owners advised to shut down Proven machines after defect discovered". Proven turbine installed at The Deco, Lerwick, reported to have lost the blades and the machine "wrecked" in a storm 2-3 years before following a brake failure.


1119 Blade failure 23/09/2011 Yeovil Innovation Centre, Yeovil, Somerset, England UK Proven P35-2 "Turbine in a flap after second safety failure". Council-owned turbine at Yeovil Innovation Centre has been taken down after safety concerns from the manufacturer.


1120 Fire 24/09/2011 Mount Storm facility, West Virginia United States "Massive bird kill at West Virginia wind farm highlights national issue". On the evening of September 24 this year at the Mount Storm facility in the Allegheny Mountains, 59 birds and two bats were killed. Thirty of the dead birds were found near a single wind turbine that was reported to have had internal lighting left on overnight. This incident stands in stark contrast to industry assertions that just two birds per year are killed on average by each turbine.


1121 Fire 25/09/2011 Sheffield, Vermont United States "Wind turbine springs oil leak". Up to 70 gallons of oil spilled. The spill was largely around the base of the turbine but was also reported to have "sprayed about 200 yards".

Reported by The Caledonian-Record on 27 September 2011 http://www.windaction.org/news/33137

1122 Fire 02/10/2011 Saraki-Tomanai : Wakkanai, Hokkaido Japan Vestas 1.65MW erected Dec. 2001 Fire reported at one of the 9 Vestas 1.65MW turbines at the Saraki-Tomanai Windfarm : Wakkanai, Hokkaido, in the very North of Japan. The fire crew could do nothing but watch the nacelle burn for 4 hours. Burning debris spread over the surrounding area and was dealt with by the fire crew. The cause is unknown but suspected to be lightning.


1123 Fire 02/10/2011 Saraki-Tomanai : Wakkanai, Hokkaido Japan Vestas 1.65MW erected Dec. 2001 Fire reported at one of the 9 Vestas 1.65MW turbines at the Saraki-Tomanai Windfarm : Wakkanai, Hokkaido, in the very North of Japan. The fire crew could do nothing but watch the nacelle burn for 4 hours. Burning debris spread over the surrounding area and was dealt with by the fire crew. The cause is unknown but suspected to be lightning.


1124 Fire 21/09/2011 Tomelilla, Southern Sweden Sweden "Se vindkraftverket brinna" (The wind turbine burns). The fire is reported to have started around 10 o`clock on wednesday september 21. The fire brigade could do nothing. The url shows a video showing the burnt out turbine.


1125 Blade failure 22/09/2011 The Deco, Lerwick, Shetland UK Proven P35-2 "Small wind turbine owners advised to shut down Proven machines after defect discovered". Proven turbine installed at The Deco, Lerwick, reported to have lost the blades and the machine "wrecked" in a storm 2-3 years before following a brake failure.


1126 Fire 23/09/2011 Yeovil Innovation Centre, Yeovil, Somerset, England UK Proven P35-2 "Turbine in a flap after second safety failure". Council-owned turbine at Yeovil Innovation Centre has been taken down after safety concerns from the manufacturer.


1127 Fire 24/09/2011 Mount Storm facility, West Virginia United States "Massive bird kill at West Virginia wind farm highlights national issue". On the evening of September 24 this year at the Mount Storm facility in the Allegheny Mountains, 59 birds and two bats were killed. Thirty of the dead birds were found near a single wind turbine that was reported to have had internal lighting left on overnight. This incident stands in stark contrast to industry assertions that just two birds per year are killed on average by each turbine.


1128 Fire 25/09/2011 Sheffield, Vermont United States "Wind turbine springs oil leak". Up to 70 gallons of oil spilled. The spill was largely around the base of the turbine but was also reported to have "sprayed about 200 yards".

Reported by The Caledonian-Record on 27 September 2011 http://www.windaction.org/news/33137

1129 Fire 02/10/2011 Saraki-Tomanai : Wakkanai, Hokkaido Japan Vestas 1.65MW erected Dec. 2001 Fire reported at one of the 9 Vestas 1.65MW turbines at the Saraki-Tomanai Windfarm : Wakkanai, Hokkaido, in the very North of Japan. The fire crew could do nothing but watch the nacelle burn for 4 hours. Burning debris spread over the surrounding area and was dealt with by the fire crew. The cause is unknown but suspected to be lightning.


1130 Fire 02/10/2011 Saraki-Tomanai : Wakkanai, Hokkaido Japan Vestas 1.65MW erected Dec. 2001 Fire reported at one of the 9 Vestas 1.65MW turbines at the Saraki-Tomanai Windfarm : Wakkanai, Hokkaido, in the very North of Japan. The fire crew could do nothing but watch the nacelle burn for 4 hours. Burning debris spread over the surrounding area and was dealt with by the fire crew. The cause is unknown but suspected to be lightning.

**1124 Fire**

02/10/2011  
Abilene, Texas, United States  
260 feet high  
"Wind turbine catches fire near Rep. Susan King's home." The turbine fire spread and burned 2 acres of Rep. Susan King's private ranch. Fire crews managed to put out the ground fire. King is quoted: "I'm watching a turbine... on fire, throwing fire balls on my property." This is the second wind turbine fire near Abilene in 5 weeks

Reported by KTXS News on 3 October 2011 and followed up on 4 October

**1125 Blade failure**

06/10/2011  
Gorman School, Cornwell, England, UK  
Proven 156kW  
"Eco-friendly school left out of pocket after "unproven" wind turbine breaks. Turbine reported to have been installed in 2008 and suffered blade failure after a few months - showering the school's playing fields with debris. The date of the 2008/9 accident is not known.

Reported by The Telegraph on 5 October 2011

**1126 Transport**

07/10/2011  
Mantoulin Island, Ontario, Canada  
"Truck rollover closes Island Road"  
A 1100 foot long crane carrying a complete wind turbine fell over on the way to a wind farm on the island. The turbine is part of a new 50MW wind farm which will supply power to 20,000 homes when it opens in 2012.

Reported by Sudbury Star on 7 October 2011

**1127 Environmental**

07/10/2011  
Montpelier, Vermont, United States  
V orders work to stop at Lowell wind project due amid possible environmental violations. "Fairly serious violations" reported of the storm water control and discharge.

Reported by Associated Press on 7 October 2011

**1128 Mechanical failure**

11/10/2011  
University of Maine, Presque Isle, Maine, United States  
600kW turbine  
"Contractors work to fix another problem with UMPI windmill". Turbine reported to have been shut down in August and has not worked since.

Reported by Bangor Daily News on 11 October 2011

**1129 Fatal**

11/10/2011  
Jiuquan, Gansu province, China  
"Five killed during Sinovel SW5 installation"  
The arm of a 1000 Te crane toppled and fell during a ceremony in which a turbine was being erected. Five people, including a Communist Party official, were killed after being crushed by the crane.

Reported by Windpower Monthly on 11 October 2011

**1130 Mechanical failure**

11/10/2011  
Prior Lake, Minnesota, United States  
92 foot turbine  
"Tribe's turbine shut down for major repairs"  
The generator unit in the nacelle failed and needs to be replaced

Reported by Shakopee Valley News on 11 October 2011

**1131 Structural failure**

16/10/2011  
Tom Ridge Environmental Centre, Pennsylvania, United States  
"TREC windmill damaged". Part of the turbine reportedly to have fallen to the ground on Sat 15 Oct. No one hurt. Been in operation since 2007. 38mph winds at the time.

Reported by Erie Times-News on 16 October 2011

**1132 Mechanical failure**

20/10/2011  
Cape Vincent, New York, United States  
92 foot turbine  
"Personal wind turbine in Cape shut off after alarming neighbors"  
Wind turbine shut down after spinning out of control.

Reported by Watertown Daily News on 20 October 2011

**1133 Human injury**

02/11/2011  
Oaxaca, Mexico, Mexico  
"One killed and over 20 injured in Mexican wind protest"  
50 people reported to have been injured at a previous incident on October 21.

Reported by Windpower Monthly on 2 November 2011

**1134 Miscellaneous**

22/10/2011  
Kensal Flats offshore wind farm, Heme Bay, England, UK  
"Drifting rig capsized at accident at wind farm"  
Leg reported to have sheared off drifting rig at the Kensal Flats offshore windfarm. The 850 tonne rig was left clipped after one of its four legs sheared through. The leg remains stuck in the seabed.

Reported by Herne Bay Times on 22 October 2011

**1135 Miscellaneous**

22/10/2011  
VA Health Care Centre, St. Cloud, Virginia, United States  
600KW turbine, 250 feet tall  
"Maintenance issues plague VA wind turbine"  
Turbine which has been in place since March reported to be still not working due to continuing maintenance issues

Reported by St. Cloud Times on 22 October 2011

**1136 Mechanical failure**

24/10/2011  
Corpus Christi, Texas, United States  
"Mayfront turbines can't keep a pace"  
"Wind take spin out of devices". All 4 turbines reported to suffer mechanical failure between installation in April 2010 and present.

Reported by Corpus Christi Caller Times on 24 October 2011

**1137 Environmental**

28/10/2011  
Laurel Mountain facility, West Virginia, United States  
"Massive bird kill at West Virginia wind farm highlights national issue". Almost 500 birds were reportedly killed after lights were left on at the facility.

Reported by American Bird Conservancy on 28 October 2011 and by Saturday Gazette-Mail on 29 October 2011
http://www.bjreview.com.cn/business/bjreview/201110/31/content_401821.htm

http://www.indystar.com/article/20111112/NEWS/1111102011/1001NEW0

1140 Fatal 02/11/2011 Oaxaca, Mexico Mexico "One killed and over 20 injured in Mexican wind protest". A man was reportedly killed after being shot in the face during a wind plant demonstration in Mexico. 20 people were injured. A previous incident occurred on October 21. Reported by Windpower Monthly on 2 November 2011 http://www.windaction.org/news/33487

http://www.manitoulin.ca/?p=27

1142 Miscellaneous 04/11/2011 Japan Lightning is nemesis of windmills, threatening Japan’s renewable energy campaign". Article reports that operators can’t cope with lightning strikes which often cause fires. Official figures reported 795 windmill breakdowns from 2004-2009, of which lightning accounted for 197. Reported by The Mainichi Daily News on 4 November 2011 http://www.windaction.org/news/33505

1143 Miscellaneous 07/11/2011 Hallett Hill wind farm, South Australia Australia "Austion 2.1 MW Noise of wind farm over the limit" The Supreme Court ruled that Stage 3 of the Hallett Hill wind farm cannot proceed because turbines erected during Stage 2 don’t comply with EPA noise guidelines. Operators AGL Energy confirmed that 16 of the 34 turbines have been shut down at night since December 2010. Reported by The Advertiser on 8 November 2011 http://www.windaction.org/news/33544

1144 Miscellaneous 08/11/2011 Wind 1, Wastewater experiemnt with another" One turbine to be shut down completely following noise and health complaints from neighbours. Reported by Climadit on 9 November 2011 http://www.windaction.org/news/33544

http://www.eadt.co.uk/news/suffolk-wind-farm-worker- airlifted-to-hospital_1_1129554

1146 Human injury - transport 22/11/2011 Platteville, Colorado United States "Woman hurt in collision with wind turbine blade truck”. 70 year old woman reported to have been taken to hospital following an accident in Colorado. Reported by The Denver Channel on 22 November 2011 http://www.windaction.org/news/33698

1147 Environmental 22/11/2011 Cumberland, Maryland United States "Garrett wind project fined by MDE $35,000 fine following sediment control violations during construction of Roth Rock Wind Farm. Reported by Cumberland Times News on 22 November 2011 http://www.windaction.org/news/33707
http://times-news.com/videos/vid/7374439/again-wind-project-4-read-by-MDE


1149 Environmental 28/11/2011 Wyoming United States "How many dead eagles? US Fahl and Wildlife Service biologist confirmed that they have no idea how many eagles are being killed by wind turbines in Wyoming, and that populations are being seriously threatened. Reported by Casper Star Tribune on 28 November 2011 http://www.windaction.org/news/33714

1150 Miscellaneous 30/11/2011 Deeping St Nicholas, Lincolnshire, England UK "Couple settle with wind farm operators over ‘unbearable hum’" Human health issue - couple settle High Court damages claim with operators of a nearby wind farm, the noise of which has been unbearable for the couple. Reported by The Telegraph on 30 November 2011 http://www.windaction.org/news/33730
http://www.telegraph.co.uk/environment/science/1.1282820/couple-settle-with-wind-farm-operators-over-unbearable-hum.html


http://www.examiner.co.uk/news/local-west-yorkshire-news/20111201/ultimate-wind-power-destroys-turbine-at-scapegoat-hill-50081-2987418529/2#xyzz1H0V59H


1155 Structural failure 06/12/2011 Coldingham, Berwickshire, Scotland UK Wind gusts provoke turbine alert: Coldingham wind gusts see houses evacuated* Gusts of up to 50 mph led to complete collapse of the turbine. Homes were evacuated and a safety cordon put in place. Reported by BBC on 6 December 2011.

1156 Fire 08/12/2011 Ardrossan, Ayrshire, Scotland UK 'Blown away: gales wreck wind turbines as Scottish storm wrecks havoc’ 100m turbine near Ardrossan burst into flames but luckily the wind blew it out. Burning debris was scattered over a wide area. The BBC live feed featured some spectacular photos. Reported by The Telegraph on 9 December 2011.

1157 Miscellaneous 11/12/2011 UK 1500 accidents and incidents on UK wind farms* The UK’s wind industry trade body RenewableUK admitted that 1500 accidents and other incidents have taken place on UK wind farms over the past 5 years - effectively one per day. Reported by The Telegraph on 11 December 2011.

1158 Miscellaneous 19/12/2011 United States Wind industry accused of blowing off worker safety rule*. Thousands of US turbines reported to violate US Government safety requirements. All turbine manufacturers contacted refused to comment. Reported by FairWarning on 19 December 2011.

1159 Miscellaneous 19/12/2011 Bay City, Michigan United States Wind turbine at Bay City DEQ office could be repaired in next few months*. Turbine reported to be broken for the past few months. Reported by Bay City Times on 19 December 2011.

1160 Fire 2011 Vallata site Italy Vesta No details of incident. Provision of analysis, advice and restoration of fire damaged components. Location likely to be of AREPA’s work. AREPA Group reference list of tasks regarding wind turbines. http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html

1161 Fire 2011 Risso test centre, Bovlingbjerg Denmark Siemens No details of incident. Provision of analysis, advice and restoration of fire damaged components. Location likely to be of AREPA’s work. AREPA Group reference list of tasks regarding wind turbines. http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html


1169 Fire 2011 Middelgrunden Denmark Dong No details of incident. Provision of analysis, advice and restoration of fire damaged components. Location likely to be of AREPA's work. AREPA Group reference list of tasks regarding wind turbines [http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html]

1170 Dust 2011 Nacelle in turbine T03, Tim Denmark Siemens No details of incident. Restoration of damaged components. Location likely to be of AREPA's work. AREPA Group reference list of tasks regarding wind turbines [http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html]

1171 Fire 2011 Texas United States Siemens No details of incident. Provision of analysis, advice and restoration of fire damaged components. Location likely to be of AREPA's work. AREPA Group reference list of tasks regarding wind turbines [http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html]

1172 Miscellaneous 2011 TIM-1 wind turbine nacelle, Tim Denmark Siemens No details of incident. Restoration of damaged components. Location likely to be of AREPA's work. AREPA Group reference list of tasks regarding wind turbines [http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html]

1173 Fire 2011 A1 wind turbine, Nysted Havnepark (offshore), Gedser Denmark Siemens No details of incident. Provision of analysis, advice and restoration of fire damaged components. Location likely to be of AREPA's work. AREPA Group reference list of tasks regarding wind turbines [http://www.arepa.com/Products%20&%20Solutions/Wind%20turbines/index.html]

1174 Fatal 2011 No details of incident, other than the deceased was pinned between a train track and a large bollard during transport of wind farm components. Reported by Paul Gipe ‘Deaths in Wind Energy’ database 7 Dec 2012 [http://www.wind-energy-watch.org/cms/index.php?id=340&tx_ttnews%5Btt_news%5D=164&cHash=286b80c2e28b99692a91b1d4513821]

1175 Blade failure 05/01/2012 Between Boulogne and Touquet France "Une solenoide a ete endommage" (wind turbine damaged. Wind turbine near the A16 road between Boulogne and Touquet reported damaged after a storm. One blade was lost and two others partly destroyed. Luckily nothing landed on the highway. (Article in French) Reported by delattafri.fr on 6 January 2012 [http://www.delattafri.fr/actus.php?id=2004569&cHash=4c638bca64f695492a9bb1d94513821]

1176 Blade failure 06/01/2012 Hepworth, near Huddersfield, England UK Evoco 10kW "Wind turbines ripped apart by gale force winds in Huddersfield*. One of four wind turbines damaged around Huddersfield during the first week of January. The Hepworth turbine was located close to a road. It lost all three 2m blades - one of which flew across a road into a neighbouring property. Kirklees Council later suspended all planning applications for this type of turbine on safety grounds. Reported by Huddersfield Daily Examiner and the Daily Mail on 6 January 2012 [http://www.wind-energy-watch.org/news/2012/01/06/wind-turbines-ripped-apart-by-gale-force-winds-in-huddersfield/]

1177 Blade failure 06/01/2012 Faz Mount Farm, Intake Lane, Cumberworth, near Huddersfield, England UK Evoco 10kW "Wind turbines ripped apart by gale force winds in Huddersfield*. One of four wind turbines damaged around Huddersfield during the first week of January. This one lost two blades. Kirklees Council later suspended all planning applications for this type of turbine on safety grounds. Reported by Huddersfield Daily Examiner on 6 January 2012 [http://www.wind-energy-watch.org/news/2012/01/06/wind-turbines-ripped-apart-by-gale-force-winds-in-huddersfield/]


1181 Blade failure 08/01/2012 Rhue Stoer Community Hall, Assynt, Sutherland, Scotland UK Eoltec Scirocco 6kW "Controversial wind turbine’s blade crashes to ground*. Mangled remains of the blade were found 18m from the turbine. The damage may have been caused on Hogmanay. The remaining blade fell off several days later. Reported by The Northern Times on 6 January 2012 [http://www.wind-energy-watch.org/news/2012/01/06/controversial-wind-turbines-blade-crashes-to-ground/]

1182 Blade failure 09/01/2012 Mid Farm Uplaw, Uplawmoor, Rennfrewshire, Scotland UK Proven 35-2 Turbine lost blade in high winds. Had been subject of court case due to noise complaints from neighbours. Reported by The Northern Times on 6 January 2012 [http://www.wind-energy-watch.org/news/2012/01/06/controversial-wind-turbines-blade-crashes-to-ground/]


**Human injury**  
08/01/2012  
Greater Gabbard off shore wind farm, England  
"Busy day for Thames Coastguard". Two Greater Gabbard wind farm workers had to be rescued by RAF helicopter. They were flown to Ipswich Hospital where they received treatment.  
Reported by Clacton Gazette on 8 January 2012  
http://www.clactonandfrintongazette.co.uk/data/files/4592936 RAF helicopter rescues two sailors near Harwich/ref=ec

**Human injury**  
09/01/2012  
Island of Mors, Denmark  
"Vestas turbine destroyed by lightning". Two technicians reported to have a lucky escape when a turbine they were operating on was hit by lightning. Both technicians suffered hearing problems. One of the turbine blades was destroyed in the incident. (Article in Danish)  
Reported by www.energy-supply.dk on 9 January 2012  
http://www.energiesupply.dk/article/view/74793/vestasmlle_3_maderaf_lyn

**Blade failure**  
11/01/2012  
Vestas turbine, Faroe Islands  
Another accident hits Vestas". Vestas wind turbine on the Faroe Islands reported to be damaged in strong winds, the blades being torn off. The turbine was not in operation and had been damaged already in a storm over Christmas 2011.  
Reported by Metal Supply on 11 January 2012  
http://www.metal-supply.com/article/view/47709/canother_accident_hits_vestas

**Ice throw**  
12/01/2012  
Canibius Wind Park, New Brunswick Canada  
"Ice plagues northern wind farm; only 11 of 33 turbines operating". 22 turbines reported to have been shut down due to ice build up. Not for the first time - last year all 33 turbines were shut down for over a month.  
Reported by CBS News on 12 January 2012  
http://www.windaction.org/news/2012/01/ice-plagues-northern-wind-farm-only-11-of-33-turbines-operating/

**Blade failure**  
12/01/2012  
DEFRA, Lion House, Aldwick, Northumberland, England  
"Taxpayer could pick up bill for broken turbines". Three Proven P35 turbines at DEFRA's Lion House reported to have been broken and in need of replacement  
Reported by Northumberland Gazette on 12 January 2012  
http://www.windaction.org/news/2012/01/taxpayer-could-pick-up-bill-for-broken-turbines/

**Structural failure**  
13/01/2012  
Landinam wind farm, Powys, Wales  
"Landinam wind farm switched off after turbine damage" The turbine heading/nacelle and blade reported to have "fallen off" last month  
Reported by BBC News on 13 January 2012  

**Environmental**  
13/01/2012  
General - Spanish wind farms  
Spain  
"Spanish wind farms kill 6 to 18 million birds & bats a year". Reported at the First Scientific Congress on wind energy wildlife conservation, Jerez de al Frontera, Spain  
Reported by Canada Free Press on 13 January 2012  

**Structural failure**  
14/01/2012  
Holmesfield, Derbyshire, England  
"Farmers plea over turbine". Farmer upset after a nearby wind turbine was ripped apart by gales and casing from the turbine landed on his land, damaging fencing.  
Reported by Bakewell Today on 14 January 2012  
http://www.windaction.org/news/2012/01/farmers-plea-over-turbine

**Structural failure**  
18/01/2012  
Shinnaness, Wafs, Shetland  
UK  
"Troubled turbines could turn again soon". Turbine collapse after mast snapped in gales during December 2011  
Reported by Shetland News on 19 January 2012  
http://www.windaction.org/news/2012/01/turbine-collapse-after-mast-snapped-
gales-december-2011

**Blade failure**  
19/01/2012  
Sandwick Social Clud, Shetland  
UK  
"Troubled turbines could turn again soon". Sandwick social club turbine and six others on the island reported to be shut down following blade problems.  
Reported by Shetland News on 19 January 2012  
http://www.windaction.org/news/2012/01/turbine-collapse-after-mast-snapped-
gales-december-2011

**Fire**  
20/01/2012  
Noble Weatherfield wind power station, Wyoming County, New York United States  
"Officials investigating turbine fire". Fire reported to have occurred on 16 Jan at a Noble Environmental turbine at Weatherfield in New York state. Cause of fire put down to transformer failure.  
Reported by The Daily News on 20 January 2012  

**Structural failure**  
20/01/2012  
Wattlesbough, Shropshire, England  
UK  
"More trouble with wind turbines". An 62 foot turbine erected in 2011, came crashing to the ground during "high winds". One eyewitness reported that the turbine had split at the base.  
Reported by The Shropshire Star on 20 January 2012  

**Environmental**  
21/01/2012  
AWA Goodhue Wind project, Minnesota United States  
"Wind farm will seek permit to legally kill eagles". Operators have applied for legal permission to kill eagles in order to "do it legally" and avoid potential prosecution  
Reported by Star Tribune on 21 January 2012  
http://www.windaction.org/news/34140

**Human health**  
25/01/2012  
Pullabrook wind farm, Devon, England  
UK  
"Farming given anti-depressants to overcome wind farm noise". 53 year old Neil Williams reported to be suffering from insomnia and depression due to noise from nearby Pullabrook wind farm.  
Reported by This Is Devon on 25 January 2012  
http://www.windaction.org/news/34192

**Miscellaneous**  
26/01/2012  
Taichung offshore wind farm, Kent, England  
UK  
"Radar tells off landlady". Taiwan energy minister famed troubled wind farm. Part of wind farm shut down due to "export" cable fault.  
Reported by This Is Devon on 26 January 2012  
http://www.windaction.org/news/34196

**Fire**  
28/01/2012  
Altona, Clinton County, New York United States  
"Wind turbine catches fire; Altona firefighters respond". Turbine at Altona run by Noble Environmental. Reports of the fire came from members of the public driving past.  
Reported by WPTZ TV and WCAX on 28 January 2012  
http://www.windaction.org/news/34230

**Fire**  
28/01/2012  
Shetland News on 19 January 2012  
http://www.windaction.org/news/34237

**Fire**  
28/01/2012  
Altona, Clinton County, New York United States  
"Wind turbine catches fire; Altona firefighters respond". Turbine at Altona run by Noble Environmental. Reports of the fire came from members of the public driving past.  
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**Fire**  
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Shetland News on 19 January 2012  
http://www.windaction.org/news/34237

**Fire**  
28/01/2012  
Altona, Clinton County, New York United States  
"Wind turbine catches fire; Altona firefighters respond". Turbine at Altona run by Noble Environmental. Reports of the fire came from members of the public driving past.  
Reported by WPTZ TV and WCAX on 28 January 2012  
http://www.windaction.org/news/34230
Worker killed in turnover on forest road" (in Spanish). Worker for Eron aged 35 years was killed when his truck left a forest track while transporting components to a wind park. Another man was hospitalised.

Fire destroys windmill turbine" Fire reported to have destroyed Allegheny Ridge wind turbine near Blue Knob on 6 Feb. Chief Fire Fighter said its impossible to fight a fire 250 feet above the ground, so they set up a safety perimeter and let it burn out. Fire fighters job was in extinguishing secondary fires caused by burning debris.

Man electrocuted while cleaning wind turbine in Solando County*. Man in his 30s reported to have been hospitalised after working on a wind turbine in Soland County, California. Power had not been isolated - the man was electrocuted and fell six feet of a ladder. He suffered from shock and a broken collar bone.

US probes golden eagles’ deaths at DWFP wind farm*. Two more Golden Eagles carcasses found at this wind farm, bringing the total to 8 killed. US Fish & Wildlife Services say the turbines have been built in the wrong locations and there are calls for a moratorium on further turbine construction nearby. Killing a Golden Eagle is a Federal crime.

Shadow flicker of wind farm proves to be intrusive*. Shadow flicker reported to be very intrusive at a house approx 500m from a US turbine.

Reality sinks in for wind project: turbine shut down for foundation fix*. A US wind turbine foundations reported to have sunk and the turbine shut down. The turbine was paid for entirely bu surplus Federal money.

Winds rip blade off turbine*. Turbine reported to have been taken down after a blade flew off. A neighbour reported to see the blade "flying through the air".

Wind Turbine In Gols Caught Fire*. Fire reported to have completely destroyed wind turbine, 90m height. (Article in German)

Special investigation: Toxic wind turbines*. The report details that in February 2012, runoff from construction of a nearby wind farm near Loch Fyne caused concern that fish had stopped feeding. SEPA officers discovered a burn which was "running brown" and that a "noticeable oil slick on Loch Fyne was visible".

Geese slaughter: two eyewitness accounts*. Flight of Canadian geese reported to have been slaughtered by a Wolfe Island turbine on 30 September 2011.
2011 Environmental
01/03/2012 Ellenburg wind facility, New York United States "Geese slaughter: two eyewitness accounts 15 geese corpses reportedly found at the wind turbine site.”
Reported by WindAction (editorial) on 1 March 2012 http://www.windaction.org/?spc=34599

2012 Human health
04/03/2012 Vinalhaven, Maine United States "Vinalhaven wind turbine noise complaint heads to Maine Superior Court this week”. Finally heading to court after a two year battle. Residents lives still being disrupted by excessive noise.
Reported by Fox Islands Wind Neighbours on 4 March 2012 http://www.windsearch.org/news/2012/03/05/vinalhaven-wind-turbine-noise-complaint-heads-to-maine-superior-court-this-week/

2013 Transport
05/03/2012 Macarthur Wind Farm, Victoria Australia "Wind farm group defends road damage "Severe damage" to roads around the Macarthur wind farm reported.

2014 Human health
07/03/2012 Altawas wind farm, Cammerton, Wales UK "We should not have to take drugs" Starckkraft, operator of the Altawas wind farm , admits a noise problem but told residents "just live with it". Residents now on drugs to help cope with the trauma and lack of sleep caused by the noise from the turbines
Reported by Camranthen Journal on 7 March 2012 http://www.blaenawasnews.co.uk/story-5541690-detail/story.html

2015 Structural failure
07/03/2012 Coulby Ridge wind farm, Alberta Canada "Cowley Ridge wind farm shut down". All 57 turbines shut down after one of them lost blades then collapsed overnight.
Reported by Fort Macloid Gazette on 8 March 2012 http://www.fortmacleodgazette.com/2012/copey-ridge-wind-farm-shut-down/

2016 Miscellaneous
07/03/2012 Hull, Massachusetts United States "Faulty generator to blame for Hull turbine shutdown". The Hull Wind II turbine had been shut down for 3 weeks.
Reported by The Patriot Ledger on 7 March 2012 http://www.windaction.org/news/34527

2017 Structural failure
07/03/2012 Pharic Islands Pharic Islands "Erin ein mylla I Neshaga skadd" Wind turbine blown over in Pharic Islands the previous evening (in Pharicase)
Reported by Inavais on 7 March 2012 http://www.inavais.com/index_article.php?showarticled=1377

2018 Miscellaneous
10/03/2012 Callywith Farm, Bodmin, Cornwall, England UK "Illegal towering wind turbine to be removed". £1.3M, 76 meter tall turbine which was installed illegally after being refused planning permission has had an enforcement notice served for its removal.
Reported by Western Morning News on 10 March 2012 http://www.windaction.org/news/34527

2019 Blade failure
24/03/2012 Wonthaggi wind farm, Victoria Australia Suzlon MM82 "Blade broke up in a mild wind, throwing "blade infill material" over a wide area."

2022 Human health
28/03/2012 Dunfermline, Fife, Scotland UK "Americans claim turbines cause health problems". Turbine on an industrial estate in Fife reported to be causing health problems to nearby workers.

2023 Human health
28/03/2012 Wilsad, Rotenburg Germany "Sick from wind turbines? Residents reported to be sick since the wind farm started operation in 2012. A health study is being undertaken (in German)"
Reported by nrd.de on 21 March 2012 http://www.nrd.de/regional/niedersachsen/wilsad/rotenburg/windpark/ke151.html

2024 Blade failure
28/03/2012 Kingston, Massachusetts United States "New wind undegong repair in Kingston". Major repairs reported to be carried out on turbine following cracks discovered in a blade. On 16 April a follow up article confirmed that a further 10 weeks of repairs were required

2025 Fire
30/03/2012 Gross Eilstorf wind farm, Lower Saxony Germany V112 3MW "Vestas wind turbine catches fire in Germany, no injuries". Vestas report that their new "flagship" V112 3 MW turbine was on fire. They later stated that it had been caused by a "loose connection".

2026 Environmental
March 2012 Clyde wind farm, Abington, Lananahire, Scotland UK "Special investigation: Toxic wind turbines". The report details that in November 2011, 1000 litres of oil leaked from a turbine resulting in an emergency clean up operation. There was a further fuel spill at the same site 4 months later.

2027 Miscellaneous
02/04/2012 Cloud County Community College, Concordia campus, Kansas United States "Wind turbines to be lowered". Three wind turbines close to Bosser Municipal Airport have been constructed "too tall" and are posing a hazard to air traffic.

2028 Human injury
02/04/2012 Macarthur Wind Farm, Victoria Australia "Vestas says worker injured at Australia’s Macarthur windfarm". A man in his 20s was reported to have suffered severe chest and pelvic injuries on the wind farm site. ABC had reported that he was crushed by a turbine blade, but later changed their story to say that the man had been crushed in an industrial accident.

2029 Human health
02/04/2012 Macarthur Wind Farm, Victoria Australia "Vestas says worker injured at Australia’s Macarthur windfarm". A man in his 20s was reported to have suffered severe chest and pelvic injuries on the wind farm site. ABC had reported that he was crushed by a turbine blade, but later changed their story to say that the man had been crushed in an industrial accident.
1227 Miscellaneous 03/04/2012 Various locations G-47 660kW "Vestas, Gamesa warn of possible faults in older turbines” Gamesa warn of component faults in their G-47 660kW turbines. Reported by Bloomberg News on 3 April 2012

1228 Miscellaneous 03/04/2012 Various locations V47 660kW "Vestas, Gamesa warn of possible faults in older turbines” Vestas warn of faults in the "root part" of the blades for the V47 660kW turbines. Reported by Bloomberg News on 3 April 2012

1229 Transport 10/04/2012 Osage City, Kansas United States "Highway to be shut down to remove turbine tower section.” A 15 mile stretch east and west on US Route 56 to be closed for two 6 hour periods to allow recovery of a rolled-over semi-trailer and wind tower section, which are in the ditch beside the highway. Reported by The Capital Journal, KSNT News on 10 April 2012

1230 Fatal 22/04/2012 BardOffshore wind farm, near Emden Germany "Three killed constructing offshore wind farms.” Three separate drowning fatalities reported of construction workers working on German projects in the North Sea and Baltic. One was a German worker. Reported by The Local, www.thelocal.de on 22 April 2012

1231 Fatal 22/04/2012 BardOffshore wind farm, near Emden Germany "Three killed constructing offshore wind farms.” Three separate drowning fatalities reported of construction workers working on German projects in the North Sea and Baltic. One was a Polish worker. Reported by The Local, www.thelocal.de on 22 April 2012

1232 Fatal 22/04/2012 BardOffshore wind farm, near Emden Germany "Three killed constructing offshore wind farms.” Three separate drowning fatalities reported of construction workers working on German projects in the North Sea and Baltic. One was a Swedish diver. Reported by The Local, www.thelocal.de on 22 April 2012

1233 Miscellaneous 23/04/2012 KSL Radio station, Porcupine, South Dakota United States "Reservation radio station hopes to restart turbine". Original wind turbine installed in June 2008 reportedly broke down shortly afterward due to brake and control problems. Not previously reported. Reported by Rapid City Journal on 23 April 2012

1234 Blade failure 24/04/2012 Timber Road II wind farm, Paulding County, Ohio United States "Damaged turbine suspends wind energy production”. All 55 turbines shut down after one suffered severe damage to its blades. Debris was reported to be scattered over a wide area. Strong winds were not a factor. Several large pieces have fallen off two of the three blades on one turbine. Reported by Indiana News, and WANE on 24 and 25 April 2012

1235 Transport 25/04/2012 Victoria Australia "Muster urged to probe wind farm road damage”. The Vic Police Union has made a complaint following damage to state roads caused by wind farm construction. Reported by ABC News on 25 April 2012

1236 Blade failure 28/04/2012 Piola, Shetland, Scotland UK "Green sea forced revel to 'disaster'.” All night black outs now reported as costly diesel generators have been brought in to replace three wind turbines which were damaged by winds earlier in the year. Reported by The Scotsman on 28 April 2012

1237 Transport 01/05/2012 Pueblo, Colorado United States "Wind turbine falls from truck.” 68 tonne wind tower section reported to have rolled off the trailer onto the sidewalk on Pueblo Boulevard. No-one was injured. Reported by The Pueblo Chieftain on 1 May 2012

1238 Miscellaneous 02/05/2012 World-wide Vestas V90 "Vestas admits problems with 3 MW turbine model, Slows 7 MW offshore wind turbine efforts”. Vestas confirm that 376 gearboxes on its V90 3 MW turbines may need additional repair or replacement due to malfunctioning bearings. Reported by North American Windpower on 2 May 2012

1239 Miscellaneous 02/05/2012 Blacklaw Primary School, Lanarkshire, Scotland UK "School turbines still putting the wind up locals.” Reports that the two 15m turbines at the primary school are a health hazard with "unbearable" noise and shadow flicker to neighbours. Reported by East Kilbride News on 2 May 2012

1240 Fatal 04/05/2012 North Sea "Diver dies at wind turbine site”. A British diver reported to have died during maintenance work at an offshore German wind farm operated by Alpha Vantis. The thirdfatality at German offshore wind farms in two years. Reported by The Press Association on 4 May 2012
**1241 Human injury**
07/05/2012
Sweetwater, Texas
United States
"Man working in turbine struck by lightning is hospitalized". A worker has been hospitalized after the wind turbine he was working in was struck by lightning. Reported by Abilene Reporter News on 7 May 2012.

**1242 Miscellaneous**
08/05/2012
Bayonne, New Jersey
United States
"Bayonne wind turbine stands stationary and silent". Turbine reported to be broken. Reported by The Jersey Journal on 9 May 2012.

**1243 Miscellaneous**
10/05/2012
Highland, Scotland
UK
"School turbines turned off over safety fears". Highland Council has turned off turbines at 16 schools due to safety concerns. Safety was reviewed following public concerns and a number of incidents with similar turbines, including turbine collapse in 2009. Reported by The Scotsman on 10 May 2012.

**1244 Transport**
11/05/2012
Gordonbush wind farm, Highland, Scotland
UK
"More wind farm rolls". WT1000 truck mounted aerial lift rolled onto its side between the main road and the site. No-one was injured. Reported by Vertikal.net on 11 May 2012.

**1245 Transport**
11/05/2012
Unknown West of Ireland
"More wind farm rolls". 250 tonne crane reported to have rolled recently on a wind farm in the west of Ireland, and three similar recent incidents in Europe.

**1246 Miscellaneous**
13/05/2012
Portsmouth, Rhode Island
United States

**1247 Human injury**
15/05/2012
Piod wind farm
Portugal
"Crane collapse seriously injures two". Collapse of a crane during construction work on the Piod wind farm seriously injured two workers, who were transferred to the University of Coimbra hospital. (Article is in Portuguese) Reported by EcoTretas on 16 May 2012.

**1248 Fatal**
16/05/2012
Portsmouth, Rhode Island
United States
"Accident with bus and wind tower on truck causes 17 deaths". Accident reported from two months previously (March 2012). All the fatalities were on the bus. Fifteen people were killed instantly and another two died later of their injuries. A further 16 people were injured. The web link includes video images. Reported by EcoTretas on 16 May 2012. Also reported by Reuters.

**1249 Miscellaneous**
16/05/2012
Falmouth, MA
United States
"Massachusetts moves to shut turbine over noise levels". Turbine shut down by the Department of Environmental Protection after constantly exceeding permitted noise levels. Residents up to 3000 feet from the turbine had complained and were unable to sleep. Reported by The Boston Globe on 16 May 2012.

**1250 Transport**
17/05/2012
Redfield, South Dakota
United States
"3 semis collide; incident in Redfield included vehicle carrying wind blade". The truck with the wind blade lost control of a rear axle and the trailer then collided with others. One truck driver was taken to hospital.

**1251 Structural failure**
18/05/2012
Harper County, Kansas
United States
"Crews in Harper County cleaning up after Saturday's tornado". Five wind turbines reported to have been destroyed during a mini-tornado at the BP Wind Facility.

**1252 Blade failure**
19/05/2012
Kingman County, Kansas
United States
"Tornado destroys turbine". Photo shows the tower intact but the blades destroyed. Residents reported to have been thrown up to one mile away. Reported by Windaction.org on 19 May 2012.

**1253 Fire**
23/05/2012
Barton II wind farm, Barton, Iowa
United States
"Wind energy company still investigating fire". Turbine nacelle reported to have caught fire on 22 May.

**1254 Blade failure**
23/05/2012
Chemin d'Albis wind farm
France
"Blade snaps off Rotorwind 2MW motorway turbine". 46m blade came off a 2MW turbine adjacent to the A10 motorway, south-west of Paris.

**1255 Transport**
29/05/2012
Otterburn, North East England
UK
"A69 near Otterburn closed after turbine transporter crash". Road damaged after turbine section for Green Rigg windfarm fell off vehicle onto adjoining land. The road was closed for 5 days following the accident, causing significant losses to local businesses. Reported by The Journal on 29 May 2012.
**Transport**

30/05/2012 Southern Iroquois County, Illinois United States

"Truck with parts for turbine crashes". Truck hauling turbine section suffered mechanical failure and lost control. The truck ended up in a nearby field. No-one was injured.

Reported by News-Gazette on 30 May 2012


**Fire**

05/06/2012 Kahuku Windfarm, Hawaii United States

"Fires at Kahuku Windfarm Released "Reactive" Particles, $2M damage". Two fires reported in a 2 month old Hawaii windfarm. The first was on 22/4/11 and is already reported in this database. The second was on 1 May 2011 and has not already been reported.

Reported by Hawaii Free Press on 5 June 2012


**Miscellaneous**

05/05/2012 Cowdenbeath, Fife, Scotland

"Cabinet makes Fife windfarm mistake". Council planners rubber stamp approval for a windfarm which should have gone to a planning committee for consideration.

Reported by The Courier on 5 June 2012


**Blade failure**

06/06/2012 Northern Ireland UK

"Scirocco 6kW "Design snag causes wind turbine shutdown". One of England’s largest wind farms is reported to be shut down due to gear box failure.

Reported by BBC News, Northern Ireland on 6 June 2012

[http://www.bbc.co.uk/uk/uk-northern-ireland-18333545](http://www.bbc.co.uk/uk/uk-northern-ireland-18333545)

**Human injury**

09/06/2012 Casa del Aire windfarm Spain

"Fire in Vestas turbine". Second Vestas turbine fire in 2 months reported, this time at Casa del Aire windfarm in Albacete. Cause has been put down to an "electric arc flash"

Reported by Windpower Monthly on 9 June 2012


**Fire**

09/06/2012 Casa del Aire windfarm Spain

"Fire in Vestas turbine". Second Vestas turbine fire in 2 months reported, this time at Casa del Aire windfarm in Albacete. An employee was rushed to hospital after suffering burns to his hands and face.

Reported by Windpower Monthly on 9 June 2012


**Environmental**

09/06/2012 LeRoy, Minnesota United States

"Eagle may have died from wind turbine. US Fish and Wildlife Service investigating the killing of a bald eagle at a wind turbine on the Iowa-Minnesota border. No further details were provided.

Reported by Star Tribune on 9 June 2012


**Fire**

11/06/2012 Anna Nagar, Panagudi, Nepal

"Fire destroys windmill". 500kW turbine, 6 years old, reported completely destroyed in a fire.

Reported by The Hindu on 25 June 2012


**Fire**

11/06/2012 Casa del Aire windfarm Spain

"Fire in Vestas turbine". Second Vestas turbine fire in 2 months reported, this time at Casa del Aire windfarm in Albacete. Cause has been put down to an "electric arc flash"

Reported by Windpower Monthly on 9 June 2012


**Environmental**

11/06/2012 Bear Mountain windfarm, British Columbia Canada

"Commercial wind turbines in northeastern B.C. are killing endangered bats". Canadian Environmental Assessment conclude that this single wind farm killed 156 bats and 82 birds in 2010, 40% were endangered species.

Reported by Vancouver Sun on 11 June 2012


**Fire**

12/06/2012 Casa del Aire windfarm Spain

"Fire in Vestas turbine". Second Vestas turbine fire in 2 months reported, this time at Casa del Aire windfarm in Albacete. Cause has been put down to an "electric arc flash"

Reported by Windpower Monthly on 9 June 2012


**Blade failure**

14/06/2012 Settlers Trail Wind Farm, Sheldon, Iroquois County, Illinois United States

"Wind turbine found damaged in Iroquois County". Report of blade failure, a large part of the blade was found close to the turbine, smaller parts scattered over a wider area.

Reported by Paxton Record on 19 June 2012

[http://www.paxtonrecord.net/news/business/2012/06/14/wind-turbine-found-damaged-iroquois-county.html](http://www.paxtonrecord.net/news/business/2012/06/14/wind-turbine-found-damaged-iroquois-county.html)

**Blade failure**

15/06/2012 Rankin Intet, Nanavut Canada

"Rankin Inlet wind turbine loses its blades; debris littered ground around tower". Catastrophic failure reported with two of the three blades broken off and pieces of blade scattered over the site.

Reported by CBC News on 20 June 2012


**Blade failure**

20/06/2012 Deutschkreutz Windpark, Burgenland Austria

"Blade snaps off windmill". Austrian wind farm closed after a blade fell off one of the turbines and fell 100m to the ground.

Reported by Aulaian Times on 25 June 2012


**Fire**

25/06/2012 Anna Nagar, Panagudi, Nepal

"Fire destroys windmill". 500kW turbine, 6 years old, reported completely destroyed in a fire.

Reported by The Hindu on 25 June 2012

Reported by The Sunday Post on 23 March 2014

1270 Environmental
June 2012
Aberdeenshire, Scotland
UK
"Special investigation: Toxic wind turbines". The report details that in June 2012, elevated levels of the banned insecticide Dieldrin were found in a private drinking water supply in Aberdeenshire. A redacted SEPA report, obtained under Freedom of Information, linked use of the chemical to erection of a wind turbine "by the nearby farm". Reported by The Sunday Post on 23 March 2014

1271 Environmental
05/07/2012
Te Rere Hau wind farm, Palmerston North
New Zealand
"Wind farm 'too noisy'". Environmental court rules that the Te Rere wind farm is too noisy, and that operators have breached their operating consent.
Reported by Dominion Post on 5 July 2012
http://www.windaction.org/news/35401

1272 Miscellaneous
12/07/2012
Portsmouth, Rhode Island
United States
"Broken turbine still not fixed; equipment could cost millions to fix". Gearbox malfunction and oil leak reported.
Reported by WPRI TV on 12 July 2012
http://www.windaction.org/news/35456

1273 Blade failure
15/07/2012
Glenrock wind facility, Wyoming
United States
gE 1.5MW
"Glenrock wind facility in Wyoming - blade shattered". Blade reported lost though photo shows that it has broken in half
Reported by The Sunday Post on 23 March 2014

1274 Miscellaneous
16/07/2012
Sebastian Municipal Airport, Florida
United States
"Year old wind turbines at Sebastian airport not working". Reported electrical and software faults.
Reported by The Sunday Post on 23 March 2014

1275 Blade failure
17/07/2012
Settlers Trail Wind Farm, Iroquois County, Illinois
United States
gE 1.8MW
"Settlers Trail Wind Farm - Blade debris field". Reported blade failure at Settlers Trail Wind Farm, operational since Spring 2012. The facility, located near Sheldon in Iroquois County, Illinois.
Reported by The Sunday Post on 23 March 2014

1276 Transport
18/07/2012
Narribung, Vermont
United States
"Truck carrying wind turbine tips on I-91". Truck carrying a tower section rolled off the road, ending upside down in the roadside grass. No one was injured. Police blame the length of the turbine part.
Reported by WCAX and The Newport Daily Express on 19 July 2012
http://www.windaction.org/news/35558
http://www.windaction.org/news/2012/07/20/truck-carrying-wind-turbine-tips-on-i-91/
http://www.windaction.org/news/2012/07/20/truck-carrying-wind-turbine-tips-on-i-91/
http://www.windaction.org/news/2012/07/20/truck-carrying-wind-turbine-tips-on-i-91/

1277 Human injury
20/07/2012
Macarthur wind farm, Victoria
Australia
"Man injured at Macarthur wind farm". A man was hospitalised after being hit on the head by a 3kg object within the turbine at Macarthur wind farm. Several reports say that the object fell 15-20m. The man was wearing a helmet but lost consciousness for 5-10 minutes. He was stranded in the wind tower for 3 hours before being stretchered to hospital in a spinal brace.
Reported by Herald Sun, The Standard and Portland Observer on 20 July 2012
http://www.windaction.org/news/35558
http://www.windaction.org/news/2012/07/20/truck-carrying-wind-turbine-tips-on-i-91/
http://www.windaction.org/news/2012/07/20/truck-carrying-wind-turbine-tips-on-i-91/

1278 Transport
24/07/2012
Worthing-Schleswig Holstein
Germany
"Another crane slips over". A 8 axle all terrain crane reported to overturn the previous week on a wind farm at Worthing-Schleswig Holstein in northern Germany. "Time and cost pressures" involved with turbine erection work are being blamed.
Reported by www.vertikal.net on 24 July 2012
http://www.windaction.org/news/35527
http://www.windaction.org/news/2012/07/20/truck-carrying-wind-turbine-tips-on-i-91/
http://www.windaction.org/news/2012/07/20/truck-carrying-wind-turbine-tips-on-i-91/

1279 Environmental
24/07/2012
Occilillo, California
United States
"Awash in complaints, Occilillo residents seek protection from wind developer's actions". A variety of environmental complaints are reported, including chemicals in floodwaters coming through the town's streets, and dust problems. Residents very concerned about their health and safety. The developer has been cited twice by the county for violating dust mitigation requirements, but without receiving any serious consequences.
Reported by East County Magazine on 24 July 2012
http://www.windaction.org/news/35662
http://www.windaction.org/news/2012/07/20/truck-carrying-wind-turbine-tips-on-i-91/
http://www.windaction.org/news/2012/07/20/truck-carrying-wind-turbine-tips-on-i-91/

1280 Transport
30/07/2012
Aurora, Maine
United States
"Truck carrying wind tower section to Bull Hill site dumps load into ditch". Trailer carrying tower section reported to have overturned into a ditch. No one was injured.
Reported by Bangor Daily News on 30 July 2012
http://www.windaction.org/news/35662
http://www.windaction.org/news/35527
http://www.windaction.org/news/2012/07/20/truck-carrying-wind-turbine-tips-on-i-91/
http://www.windaction.org/news/2012/07/20/truck-carrying-wind-turbine-tips-on-i-91/

1281 Fire
30/07/2012
Tehachapi, California
United States
"Wind turbine starts fire near Tehachapi". Wind turbine reported to have burst into flames and caused a significant fire near Tehachapi, California.
Reported by Rewire and www.kcet.org on 30 July 2012
http://www.windaction.org/news/35527
http://www.windaction.org/news/2012/07/20/truck-carrying-wind-turbine-tips-on-i-91/
http://www.windaction.org/news/2012/07/20/truck-carrying-wind-turbine-tips-on-i-91/
http://www.windaction.org/news/2012/07/20/truck-carrying-wind-turbine-tips-on-i-91/
1282 Fire 31/07/2012 Riverside County, California United States "Wildfire<br>Generator<br>Caused by<br>Turbine<br>Burned

Reported by East County Magazine on 31 July 2012
http://www.co.riverside.ca.us/Dammen%20Fire%20report.pdf

1283 Fire 02/08/2012 Oahu wind farm, Kahuku, Hawaii United States "Wind farm fire that charred 367 acres" Fire reported to have started within a turbine on June 17. Several turbines reported to have burned. The second url links to the fire report.
Reported by Star Advertiser and KIVI TV on 2 August 2012
http://www.windaction.org/news/35680
http://www.windaction.org/news/35685

1284 Blade failure 03/08/2012 University of Delaware, Lewes, Delaware United States "Turbine generator fire that burned 367 acres" "Turbine generator fire that burned 367 acres" Fire reported to have started within a turbine on June 17. Several turbines reported to have burned. The second url links to the fire report.
Reported by Cape Gazette on 3 August 2012
http://www.windaction.org/news/35687
http://www.windaction.org/news/35690

1285 Environmental 04/08/2012 Oahu wind farm, Kahuku, Hawaii United States "Kahuku wind farm fire sparked concern over future projects" The 2 August fire reported to have released toxic smoke and lead into the air. Operators now require to submit a cleanup plan to the state in order to deal with environmental damage. This was the third fire related incident at the Kahuku wind farm since it opened in March 2011.
Reported by Hawaii News Now on 4 August 2012
http://www.windaction.org/news/35696

1286 Blade failure 06/08/2012 Buffalo Ridge wind farm, Lake Benton, MN United States "Fire in the sky: lightning claims Buffalo Ridge wind farm" Blade failure reported after a lightning strike. Part of the blade fell burning to the ground, the remainder burst into flames and was left to burn out.
Reported by Brookings Register on 6 August 2012
http://www.windaction.org/news/35733

1287 Human injury 07/08/2012 Essex, England UK "Essex wind farm worker airlifted to hospital with spinal injury" A worker on a wind farm construction vessel has been airlifted to hospital after suffering from a spinal injury. No details of the incident have been made available.
Reported by EADT24 on 7 August 2012
http://www.eadt.co.uk/news/essex_wind_farm_worker_62742

1288 Environmental 08/08/2012 Waterloo wind farm, South Australia Australia "Wedge-tailed eagle died after flying into wind turbine" The dead eagle found had starved to death after two to three weeks after being struck by a wind turbine blade, a report has found.
Reported by The Australian on 8 August 2012
http://www.bakersfieldcalifornian.com/local/x1309618147/Jawbone-fire-45-percent-contained

1289 Blade failure 10/08/2012 Bear Mountain wind farm, California United States "Bear Mountain wind turbine blades getting replaced" Blades on all 34 wind turbines reported to be replaced.
Reported by Energetic City on 10 August 2012
http://www.windaction.org/news/35754

1290 Miscellaneous 11/08/2012 Redcar offshore wind farm, Teesside, England UK "Redcar wind farm halted as officials free usable 10" The leg on a construction support jack up barge became stuck in mud.
Reported by Evening Gazette on 11 August 2012
http://www.windaction.org/news/35759
http://www.gazetteonline.co.uk/news/leekleynews-20120811/redcar-wind-farm-work-called-off-7129932/

1291 Human injury 14/08/2012 Big Savage Mountain wind project, Somerset County, PA United States "Construction worker injured in maneoeuvre fall" A worker in Frostburg reported to be injured and hospitalised while working on the windmill lead line project. He fell approx 12 feet.
Reported by Cumberland Times-News on 14 August 2012
http://www.windaction.org/news/35817
http://www.windaction.org/news/35818

1292 Structural failure 16/08/2012 Kentish Flats offshore wind farm, Kent, England UK "Wobbly wind turbines off the Whitstable coast need repairing" Grout connections to the sea bed reported to have failed and need replacing.
Reported by Canterbury Times on 16 August 2012
http://www.windaction.org/news/35798

1293 Fire 16/08/2012 Bakersfield, California United States "Firefighters gain upper hand on Jawbone Complex" Fire reported to now be contained after burning three wind turbines and threatening hundreds of others.
Reported by The Bakersfield Californian on 16 August 2012
http://www.windaction.org/news/35806

1294 Environmental 18/08/2012 Laurel Mountain wind farm, West Virginia United States "Indiana bat fatality at West Virginia wind facility" US Fish & Wildlife Service confirmed that an endangered Indiana bat was found dead at the Laurel Mountain wind farm, West Virginia. The wind farm has stopped night time operation in an attempt to prevent further fatalities.
Reported by US Fish and Wildlife Service on 18 August 2012
http://www.windaction.org/news/35805
http://www.fws.gov/westvirginialofficex/batfatality.html

1295 Fire 18/08/2012 Hatchet Mountain wind farm, California United States "First burning near Hatchet Mountain wind turbines". Fires started by lightning around the Hatchet Mountain turbines. One fire is 5 acres in size, the other 11 acres in size.
Reported by Record Searchlight on 18 August 2012
http://www.windaction.org/news/35811
http://www.recordlion.com/news/2012/08/18/first-burnin
1296 Transport 04/09/2012 Musselroe wind farm, Tasmania Australia "Wind turbine part falls on to roadway". Road reported damaged after a wind tower section "fell off" a transporter and rolled over into the ditch. Reported by The Examiner on 4 September 2012 http://www.wind-power-watch.org/news/2012/09/04/wind-turbine-part-falls-on-to-roadway/ http://www.examiner.com.au/story/3010539/old-turbine-part-falls-on-to-roadway/ http://www.vpr.net/news_detail/5582/pbs-looking-into-georgia-wind-violations/ http://www.wind-watch.org/news/2012/09/04/wind-turbine-part-falls-on-to-roadway/ 1297 Miscellaneous 06/09/2012 Georgia Mountain wind farm, Georgia United States "PSB looking into Georgia wind violations". Public Services Board looking at imposing penalties after a state inspection found that blasting at the wind farm site threw rocks as much as 300 feet into neighbouring properties. Reported by Vermont Public Radio on 6 September 2012 http://www.wind-power-watch.org/news/2012/09/06/wind-taking-into-georgia-wind-violations/ 1298 Environmental 07/09/2012 Fairhaven, Massachusetts United States "Turbine related bird deaths concern local birders". The number of local bird fatalities at the town's wind turbines reported to be causing concern among residents. Ospreys are reported to have been killed, and operators criticised of not keeping appropriate records of fatalities. Reported by South Coast Today on 7 September 2012 http://www.windaction.org/news/35972/ http://www.southcoasttoday.com/apps/pbcs.dll/article?AID=/20120906/PUB01/209060459/1039 1299 Fatal 13/09/2012 Huamei wind farm, Xinjiang, China Ming Yang 1.5MW "Ming Yang turbine collapse kills one, injured three". Turbine collapsed during commissioning, killing one worker, on September 5. Foundation bolts were not properly fastened. Three others were injured. Reported by Wind Power Monthly on 13 September 2012 http://www.wind-power-watch.org/news/2012/09/13/ming-yang-turbine-collapse-kills-one-injures-three/ 1300 Human injury 13/09/2012 Huamei wind farm, Xinjiang, China Ming Yang 1.5MW "Ming Yang turbine collapse kills one, injured three". Turbine collapsed during commissioning, injuring three workers, on September 5. Foundation bolts were not properly fastened. Another worker was killed. Reported by Wind Power Monthly on 13 September 2012 http://www.wind-power-watch.org/news/2012/09/13/ming-yang-turbine-collapse-kills-one-injures-three/ 1301 Transport 18/09/2012 Isleay township, Michigan United States "M-19 blocked by wind turbine". Tractor-killed the road, ending up in a ditch, while driver was turning. The turbine blade was left lying across the road, completely blocking it. The driver is to be charged. Reported by Times Herald on 19 September 2012 http://www.wind-power-watch.org/news/2012/09/19/m-19-blocked-by-wind-turbine-7vick_check1/ 1302 Miscellaneous 25/09/2012 Fulfabrook wind farm, Davenport, England UK "Fulfabrook noise testing reveals wind farm is too noisy". England's biggest onshore wind farm has been found to be too noisy following testing after a spate of complaints from neighbours. The local council cannot yet confirm whether this is in breach of their planning consent. Reported by This Is North Devon on 25 September 2012 http://www.wind-power-watch.org/news/2012/09/25/fulfabrook-noise-testing-reveals/story-16981612-detail/story.html 1303 Fatal 26/09/2012 Grovetown, Indiana United States One person killed after car drives under semi in Stark County. A member of the public was killed after a car drove under a semi transporting wind turbine parts. The semi pulled out of the truck stop, covering both east and westbound lanes. The car driver failed to stop in time. Two people were trapped inside the car. A male passenger was transported to Plymouth Hospital and later sent to Memorial where he died. Another person was hospitalised. Reported by South Bend Tribune on 26 September 2012 http://www.wind-power-watch.org/news/2012/09/26/south-bend-tribune/story-16984147-detail/story.html 1304 Human injury 26/09/2012 Grovetown, Indiana United States One person killed after car drives under semi in Stark County. A member of the public was killed after a car drove under a semi transporting wind turbine parts. The semi pulled out of the truck stop, covering both east and westbound lanes. The car driver failed to stop in time. Two people were trapped inside the car. One of the victims was taken to South Bend’s Memorial Hospital and was listed in stable condition. Another person was killed. Reported by South Bend Tribune on 26 September 2012 http://www.wind-power-watch.org/news/2012/09/26/south-bend-tribune/story-16984147-detail/story.html 1305 Fatal September 2012 Lordship Beaupre wind farm, Quebec Canada "Accident at wind farm Lordship Beaupre". Fatality in September 2012 confirmed by later press report. No further details (original article in French) Reported by Le Soleil on 12 August 2013 http://www.wind-power-watch.org/news/2012/09/12/lordship-beaupre/ http://www.lavieessaitca.be/le-soleil/article?rubrique=acces-et-talents&titre=une-20130813120000-04672020-accident-a-lordship-beaupre-au-parc-eolien-de-la-lesseur-de-beaupre.php http://www.toledoblade.com/Education/2012/12/02/Tests-delay-operations-of-Clay-s-tall-turbine.html 1306 Miscellaneous 02/10/2012 Clay High School, Oregon United States "Tests delay operations of Clay’s tall turbine. Safety issues remain over switch device". 283 foot tall turbine remains shut down at Clay High School because of safety concerns. Reported by Toledo Blade on 2 October 2012 http://www.wind-power-watch.org/news/2012/10/02/tests-delay-operations-of-clay-s-tall-turbine.html
1307 Environmental 03/10/2012 Lowville, New York United States "State police seek suspect who shot turbines in Lowville". Turbine reported to have been shut down because of oil leaks caused by multiple shots to the structure. Oil leaked into the surrounding area and was later cleaned up. Reported by Watertown Daily Times on 3 October 2012.

1308 Transport 08/10/2012 Baker City, Oregon United States Semi hauling wind turbine base goes into river". Trailer transporting wind turbine base hit an embankment and crashed into the Burnt River. Approx 100 feet of raling was damaged before the trailer hit the bridge and went over the embankment into the river. A small fire also resulted. Reported by KGW TV 8 on 8 October 2012.

1309 Fire 08/10/2012 Southwind Park, Springfield, Illinois United States "Southwind turbine back in operation". Turbine reported to be back in operation after being shut down on January 1 following a fire. The incident had not been previously reported. Reported by State Journal-Register on 8 October 2012.


1311 Environmental 16/10/2012 Criterion wind project, Maryland United States Conservation groups call for changes at nation’s most deadly wind power development". Eight conservation organisations have called for changes to the 28-turbine Criterion wind project, after bat and other wildlife mortality was shown to be far worse than expected. Media release by the American Bird Conservancy, 16 October 2012.

1312 Miscellaneous 18/10/2012 Chicotauke, Massachusetts United States "Chicotsane considers shutting down wind turbine at night". Chicotsane’s Board of Health considering turbine shutdown following complaints by 30 families about health issues related to a wind turbine's operation. Reported by Boston Globe on 18 October 2012.

1313 Fire 26/10/2012 Crofton Bluffs wind farm, Nebraska United States Vestas V90-1.8 MW Wind turbine catches fire at Crofton Bluffs wind farm". Fire reported at Vestas turbine. Vestas and operator Edison Mission Energy reported to be working to get the 22 turbine plant back on line. Sparks from the fire also ignited grass fires, which were extinguished by Crofton firefighters. Reported by Lincoln Journal Star on 26 October 2012.

1314 Miscellaneous 26/10/2012 Grand Meadow wind farm, Elkton, Minnesota United States GE 1.5MW "Repairs stall some turbines at Grand Meadow wind farm". Of 67 GE 1.5 MW turbines on site, 46 were reported to have had gearbox issues. Reported by The Post-Bulletin on 26 October 2012.

1315 Miscellaneous 03/11/2012 Maine United States "Wind farm noise does harm sleep and health, say scientists". Wind farm noise causes “clear and significant” damage to people’s sleep and mental health, according to the first full peer-reviewed scientific study of the problem. American and British researchers compared two groups of residents in the US state of Maine. One group lived within a mile of a wind farm and the second group did not. Both sets of people were demographically and socially similar, but the researchers found major differences in the quality of sleep the two groups enjoyed. The study, published in the September-October issue of Noise and Health, is the first of its kind to be scientifically vetted and approved through the peer-review process. Reported by The Telegraph on 3 November 2012.
1316 Miscellaneous 07/11/2012 Lowell, Vermont United States "Lowell wind turbine neighbors complain of 'horrendous' noise." Seventeen households have complained about noise from 21 newly-erected turbines at Lowell Mountain over the past weekend. Operators Green Mountain Power later put the noise down to "wet snow on the turbine blades".

1317 Blade failure 10/11/2012 El Dorado, Kansas United States "Wind shift damages turbine". Blade failure reported following a storm. The tip was later found lying on the ground.
Reported by El Dorado Times on 10 November 2012 http://www.windaction.org/news/36456

1318 Miscellaneous 13/11/2012 Falmouth Wastewater Treatment plant, Massachusetts United States "Residents angered by early activation of turbines". Furious neighbours of the Falmouth Wastewater Treatment plant turbine reported following operation of the turbine outwith its agreed hours. The agreed hours are 7am to 7pm and the turbine has been starting at 6am, and running beyond 7pm. Residents have recently reported disturbed sleep, and for two years previously also reported nausea, vertigo and other health problems.
Reported by Falmouth Enterprise on 13 November 2012 http://www.windaction.org/news/36434

1319 Miscellaneous 20/11/2012 Greater Gabbard offshore wind farm, Suffolk, England UK "SSE beats Fluor in £300m wind farm legal fight". The claim is in regard to structural integrity of 52 of the 140 turbines.
Reported by The Herald on 20 November 2012 http://www.windaction.org/news/36431

1320 Human injury (5 off) 23/11/2012 Sheringham Shoal offshore wind farm, Sheringham, England UK "Seamen hurt after collision with turbine; lifeboat to rescue". Five seamen reported injured after their vessel collided with a wind turbine. The men were working on the wind farm off Sheringham. All five crew sustained injuries and a doctor was transferred to the vessel by lifeboat.

1321 Miscellaneous 28/11/2012 Fullabrook wind farm, Devon, England UK Vestas V90 3MW "Call to shut down Fullabrook wind farm after tests show 'above limits' noise levels". A new report shows that Fullabrook windfarm in North Devon is operating well above permitted noise levels in every location where readings were taken. Residents have called on North Devon Council to shut down all 22 turbines following the report. Complaints include disturbed sleep. One resident has already been prescribed anti-depressants because of the noise.
Reported by Western Morning News on 23 November 2012 http://www.windaction.org/news/36407

1322 Miscellaneous 24/11/2012 Ardrossan, County Tyrone, Northern Ireland UK "Residents complain of windmill headaches". Constant noise from a 20m turbine reported to be causing sleep disturbance, headaches and other medical problems to residents 90m from the turbine, which was erected in September.

1323 Miscellaneous 28/11/2012 Fullabrook wind farm, Devon, England UK Vestas V90 3MW "Four Fullabrook turbines to be repaired". Operators confirm that four turbines are to be repaired due to gear box faults.
Reported by This Is North Devon on 26 November 2012 http://www.windaction.org/news/36397

1324 Blade failure 28/11/2012 California Ridge wind farm, Illinois United States GE 1.6 MW "Firm tries to find out why wind turbine blade broke". Operators released a statement on Weds 21 November confirming that one of the wind farms 134 turbines "experienced a broken blade last night".

1325 Fatal November 2012 Lornship Beaupre wind farm, Quebec Canada "Accident at wind farm Lornship Beaupre". Fatality in November 2012 confirmed by later press report. No further details (original article in French)
Reported by Le Soleil on 12 August 2013 http://www.windaction.org/posts/38046

1326 Miscellaneous 02/12/2012 Mason County, Michigan United States "Wind turbine may have been struck by lightning, still operating". Turbine still rotating after a reported lightning strike. No fire was reported but the area was cleared. No further details.
1327 Fatal 04/12/2012 Mannhagen, Schleswig-Holstein Germany "Crane operator killed installing Vestas turbine". The blade fell onto the crane cabin during installation. An investigation into the cause of the accident is underway. Reported by Windpower Monthly and Recharge News on 4 December 2012.

1328 Miscellaneous 04/12/2012 Milton, Georgia United States "Georgia wind project fined $10,000". Georgia Mountain Community Wind was fined $10,000 and ordered to pay a further $10,000 to a private remediation fund following multiple violations of its state permits during blasting operations. Georgia Mountain Community Wind acknowledged that flying rock from blasting blew onto a neighboring property with enough force to leave marks on trees.

1329 Miscellaneous 06/12/2012 Lancaster University, Lancashire, England UK "Uni says sorry for loss of TV". Residents in Lancaster complained after they lost their TV reception when blades of the university’s new 100m wind turbine started turning for the first time. The university has admitted responsibility.

1330 Transport 07/12/2012 Baillie wind farm, Caithness, Scotland UK "Crate goes into ditch passing roadworks". A crane fell into a ditch on the Thurso to Dounreay Road on Wednesday morning. The crane was on its way to the Baillie wind farm, currently under construction. The road was reduced to single carriageway for several hours.

1331 Transport 07/12/2012 Menomonee Falls, Wisconsin United States "Giant windmill tower falls off truck". A 55 foot long wind turbine section fell off the back of a truck into the middle of a busy intersection at Main St and Appleton. Luckily no-one was injured. The intersection was closed for most of the day. Local authorities are considering a ban on loads above a certain size being transported along the route.

1332 Human injury 14/12/2012 Hanover, Massachusetts United States "43-year-old man hurt in 20-foot fall in Hanover". A worker had to be rescued after falling 20 feet inside the new Hanover wind turbine. He was taken to hospital but no details of his injuries were given.

1333 Fatal 21/12/2012 Kappel Verolme yard, Rotterdam Netherlands "Worker killed during vessel maintenance". Fatal accident on Sea Jack installation vessel reported at Rotterdam. A 43-year-old Danish employee died during maintenance. No further details were given. An investigation is underway.

1334 Environmental 22/12/2012 Griffin wind farm, Aberdeenshire, Scotland UK "Birds of prey - Hen harrier found dead on windfarm". Adult male hen harrier plus another raptor confirmed dead at Griffin wind farm by RSPB Scotland. The wind farm started operation in March 2012.

1335 Environmental 31/12/2012 Sabinadijk wind facility, Heijningen, Noord-Brabant Netherlands "Lack of protection for bats". Court in Breda has ruled that turbines at Sabinadijk wind facility, Heijningen, Noord-Brabant must be shut down, following deaths of protected species of bat. (original article in Dutch)

1336 Fatal (6 off) 31/12/2012 China China "China maintains poor safety record". The Chinese wind industry’s dubious health and safety (H&S) record continued in 2012, with eight deaths “out of a total of 12”. Three deaths are already detailed in this database - this entry is to capture the remaining five fatalities.

1337 Miscellaneous 2012 Lintonia 106, Clyde wind farm, Biggar, Scotland UK No details of incident. Provision of analysis, advice and restoration of fire damaged components. Location likely to be of AREPA’s work.

1338 Fire 2012 Kleination 24 converter, Ksanah II, Oklahoma United States No details of incident. Provision of analysis, advice and restoration of fire damaged components. Location likely to be of AREPA’s work.
1339 Fire 2012 Transformer platform for offshore wind farm, Rotterdam Netherlands No details of incident. Provision of analysis, advice and restoration of fire damaged components. Location likely to be of AREPA’s work. AREPA Group reference list of tasks regarding wind turbines

1340 Fire 2012 Turbine WV6007, Tim Denmark No details of incident. Provision of analysis, advice and restoration of fire damaged components. Location likely to be of AREPA’s work. AREPA Group reference list of tasks regarding wind turbines

1341 Human health 01/01/2013 Shirley Wind Project, Wisconsin United States "Study finds "dangerous levels of noise from turbines". A Public Service Commission study reports "dangerous levels" of wind turbine-generated low frequency noise or infrasound at the Shirley Wind Project. The Senator has called on the PSC to issue an emergency rule to immediately suspend the permitting project for wind projects.

1342 Human health 03/01/2013 Massachusetts United States "Select Board says save turbine bylaw setback comments for Planning Board; Health Board has received 350 complaints from 49 households". 350 complaints registered to the Health Board following ill health effects of turbines too close to homes. Reported by The Advocate on 3 January 2013

1343 Human injury 07/01/2013 Camster Wind Farm, Caithness, Scotland UK "Man injured in harbour accident". A man was hospitalised at Wick Harbour after falling 30 feet while unloading wind turbines at Wick harbour. The man worked for IDEAAL, and the turbines are for Camster Wind Farm. Reported by Caithness Courier on 9 January 2013. Also reported by Norther Constabulary on 7 January

1344 Mechanical failure 07/01/2013 General UK "Failing turbines to force up power bills". A new report containing independent analysis shows that wind turbines only last about half the lifetime claimed by developers, due to mechanical failures. Reported by Daily Express on 7 January 2013

1345 Blade failure 07/01/2013 Allegheny Ridge Wind Farm, Portage, Pennsylvania United States Gamesa G87 2MW "Wind farm closed after blade breaks off" A large part of one of the blades at Allegheny Ridge broke off over the weekend. No reported injuries. Blade maker Gamesa denied all responsibility. Reported by Tribune-Democrat on 7 January 2013

1346 Blade failure 08/01/2013 Wind Energy Park, Prince Edwards Island, Canada DeWind D9.2 2MW "DeWind Co to replace blades at 10MW site in Canada". Blades being replaced on all 5 turbines after "issues were detected" with the blades. Reported by Traverse City Eagle on 11 January 2013

1347 Mechanical failure 11/01/2013 Traverse City, Michigan United States "Elmwood turbine may be near end of its life". TCELP windmill only works at half capacity after repairs. The turbine broke again 2 days later. TCELP executive director said "it hasn’t paid for itself and never will". Reported by Traverse City Eagle on 11 January 2013

1348 Structural failure 15/01/2013 Mery Hall, Caithness, Scotland UK Private report and photos relating to broken turbines in Caithness. Reported by CWIF on 15 January 2013

1349 Blade failure 15/01/2013 Dust Farm, Caithness, Scotland UK Private report and photos relating to broken turbines in Caithness. Reported by CWIF on 15 January 2013

1350 Environmental 16/01/2013 New Era Wind Farm, United States "Birds have annual deaths as high as 14". Predictions from US Fish & Wildlife Service, dramatically higher than those predicted by the developer of one eagle every second year. Reported by US Fish & Wildlife Service on 16 January 2013

1351 Blade failure 28/01/2013 Brusselton, Bishop Auckland, England UK "Blades snap off Brusselton wind turbine". Constructed in 2012, lost all three blades. The turbine was 18m high and blade pieces were thrown 38m. Reported by The Northern Echo on 29 January 2013

1352 Structural failure 28/01/2013 Bradworthy North Devon, England UK Endurance E-3120 "Wind turbine collapses in Bradworthy, North Devon". 55m turbine completely collapsed. It was erected in 2010. The turbine installer confirmed that they had identified a "complication" which later emerged as bolts which had not been fitted properly. This was the first Endurance E-3120 turbine installed in the UK. Reported by North Devon Gazette on 29 January 2013

1353 Blade failure Jan 2013 High West Thickleay Farm, Bilseshaw, Tissescle, England UK 18m "Prote after high winds damage wind turbine". Farm turbine reported to have lost its blades during high winds. Reported by the Teesdale Mercury on 15 Jan 2014
UK Gaia 11kW "Inquiry after second wind turbine topples in Westcountry". Safety concerns have been raised and a statement issued by Energy Secretary Ed Davey. The collapsed turbine was a 11kW Gaia turbine installed at Winsdon Farm North Petherwin.

Canada Five sites in Ontario Industrial wind turbines exceed environmental guidelines for noise*. Following complaints independent noise measurements show that wind turbines at 5 sites in Ontario routinely exceed noise limits set by the Ministry of Environment guidelines.

Africa Two vulture species in Africa at risk of extinction due to wind power project*. In 2011, developer's environmental advisors released a report that did not mention the two vulture species and even went so far as to say there were no major environmental flaws to prevent the wind farm project from proceeding. Experts now agree that the wind power project poses a dire threat to the two vulture species and will lead to their extinction if it continues.

Canada Wind turbines start at 2 federal prisons. Two turbines at separate facilities reported to have stopped working following mechanical failures.

Australia Residents want action on Macarthur turbine noise*. Angry residents demand action against turbines which regularly exceed noise guidelines. Noise is impacting on residents sleep and health.

United States Falmouth Selectmen approve warrant article to remove turbines*. Following 2.5 years of errors with the turbines, largely caused by mechanical problems, the board voted to dismantle and remove them.

UK Wind blade wrecked by lightning strike*. Blade reported to being replaced after being “shattered” by a lightning strike 5 weeks previously.

United States Lowell Wind shipments: PSB fines GMP $30,000 over violations*. Five transport violations cited.

UK Barn Owl confirmed killed by wind turbine—they said such a thing could not happen*. First record of a Barn Owl being killed by a wind turbine in the UK. Conclusively proves statements in developers Environmental Statements wrong.

UK Criticism after lorry delay*. Vehicle with turbine parts became stuck and held up traffic for over an hour. The second incident on the same road in 2 months.

United States Wind project kills eagle one month after startup*. The North Sky River Wind project, which attracted fierce opposition from environmental groups concerned about potential threat to eagles and California condors, was the site of a golden eagle death in January.
1367 Human health 26/02/2013 Falmouth, Cape Cod, Massachusetts United States "Cape Cod community considers taking down wind turbines after illness, noise". Two turbines likely to be removed as a result of the ill health impact to local residents. Reported by Fox News on 26 February 2013 http://www.windaction.org/news/37519

1368 Human health 26/02/2013 Roscommon Ireland "Noise complaints over wind farm" Roscommon County Council has received complaints regarding noise pollution from residents living in close proximity to two wind turbine structures, which were commissioned in August 2011. Residents have complained that the noise from the turbines, which have an overall height of around 100 metres, has made their lives unbearable. The constant pulsating noise has led to sleep deprivation and is impacting on the health of those living close by. Reported by Roscommon Herald on 26 February 2013 http://www.windaction.org/news/37513

1369 Human injury 03/03/2013 Atamont Pass, California United States "Pilot hospitalised after fan-powered parasail strikes power line" Pilot hit a wind farm power line and fell 50 feet to the ground. His condition was not known at the time of the article. Reported by Bay Area News on 3 March 2013 http://www.windaction.org/news/37577

1370 Blade failure 12/03/2013 Thumb Wind Park, Michigan United States GE "DTE investigates broken turbine blade; turbine blade breaks early Monday morning" Part of a blade thrown in the early hours of the morning. This is the third US-reported GE blade failure in 9 months. Reported by Huron Daily Tribune on 12 March 2013 http://www.windaction.org/news/37699

1371 Environmental 12/03/2013 Bloxling, Norfolk, England UK "Bernard Matthews ordered to replant more than 300 trees after 'admin error'". Over 300 trees reported to have been illegally felled in support of an 80m wind turbine application. The company admitted error and have been forced to replant them. Reported by ED24 on 12 March 2013 http://www.windaction.org/news/37714

1372 Human health 14/03/2013 Millicent, South Australia Australia "Couple claim windfarm health issues" A south australian couple reported to have severe health issues from two turbines located 750m from their home. They receive compensation for having the turbines on their land. Reported by Yahoo7 on 14 March 2013 http://www.windaction.org/news/37791

1373 Human health 14/03/2013 Ballyroan, Leinster Ireland "Ballyroan urged to get angry". Michael Keenen, Roscommon, Ireland, reported to have had to move out of his house due to health problems caused by a turbine 720m away. Reported by Leinster Express on 14 March 2013 http://www.windaction.org/news/37792

1374 Miscellaneous 15/03/2013 Orchard End wind farm, Pilling, Lancashire, England UK "Cranes collapse sparks concern" A crane collapsed during construction of two turbines. No-one was reported hurt. Owned by REG Windpower. HSE are investigating. Reported by Lancashire Evening Post and Blackpool Gazette on 15 March 2013 http://www.windaction.org/news/37797

1375 Structural failure 15/03/2013 Kyoto Japan "Huge wind farm turbine snaps in Japan". 36 tonne wind turbine collapsed and fell 30m to the ground. The steel tower reportedly "snapped". No injuries reported. The Dutch-made turbine was installed in 2001. Reported by Business Recorded and Japan Times on 15 March 2013 http://www.windaction.org/news/37793

1376 Human health 18/03/2013 Banteer, Cork Ireland Enercon "Families to sue wind farm operator". Seven families are suing wind farm operator Enercon for ill-health effects. Turbines began operating in November 2011. Reported by The Irish Examiner on 18 March 2013 http://www.windaction.org/news/37782

1377 Structural failure 23/03/2013 Maas, Andora, Donegal Ireland Vestas V90 850KW "Investigation underway after massive windmill comes down in gales". An 80 foot high Vestas turbine collapsed. No-one was hurt. Vestas later closed the site. Photos show debris scattered over a large area. Wind speed at the time was 56mph. The turbine was scrapped 2 months later. Reported by Donegal Daily on 23 and 25 March 2013 http://www.donegaldaily.com/2013/03/23/investigation-underway-after-massive-windmill-comes-down-in-gales/
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<tr>
<td>1381</td>
<td>31/03/2013</td>
<td>Spring Valley Wind Farm, Nevada</td>
<td>Environmental</td>
<td>&quot;Nevada wind farm could face hefty fine over eagle death&quot;. The U.S. Fish and Wildlife Service is investigating the bird’s death at the Spring Valley Wind Farm near the Utah border, 350 miles east of Reno. The wind farm could face a fine because it does not hold a federal “take” permit that would allow the incidental death of a golden or bald eagle. Eagles receive special protection under federal law.</td>
<td>Fox News on 31 March 2013</td>
<td><a href="http://www.foxnews.com/politics/2013/03/31/nevada-wind-farm-could-face-hefty-fine-over-eagle-death/">http://www.foxnews.com/politics/2013/03/31/nevada-wind-farm-could-face-hefty-fine-over-eagle-death/</a></td>
<td><a href="http://www.windaction.org/news/37932">http://www.windaction.org/news/37932</a></td>
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<td>1384</td>
<td>02/04/2013</td>
<td>Kingsbridge Wind Farm, Goderich, Ontario</td>
<td>Fire</td>
<td>&quot;Wind turbine reported to have been destroyed by fire during the night&quot;.</td>
<td>ITV London on 2 April 2013</td>
<td><a href="http://www.windaction.org/news/39244">http://www.windaction.org/news/39244</a></td>
<td><a href="http://www.windpowermonthly.com/article/28032/kanadian-media-focus-turbine-fires">http://www.windpowermonthly.com/article/28032/kanadian-media-focus-turbine-fires</a></td>
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<td>1385</td>
<td>06/04/2013</td>
<td>Mexico</td>
<td>Human injury</td>
<td>&quot;Foreign wind farms cause uproar in Mexican villages&quot;. The turbines have devided and angered the Ixoots and Zapotecos indigenous populations. Last week, more than 20 people were injured when police clashed with a group of protesters who have been blocking a road leading to the projects. Five people had also been injured following clashes with police in December.</td>
<td>Phys Org on 6 April 2013</td>
<td><a href="http://www.windaction.org/news/37987">http://www.windaction.org/news/37987</a></td>
<td><a href="http://phys.org/news/2013-04-foreign-farms-gnar-mexican-villages.html">http://phys.org/news/2013-04-foreign-farms-gnar-mexican-villages.html</a></td>
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1387 Human injury 16/04/2013 Kumeyaay wind facility, Campo, CA United States "A shocking story: stray voltage victim wins $4 million against utility" Article states that a toddler living near the Kumeyaay Wind facility in Campo has had a tumor the size of a potato chip bag removed from her abdomen. Other people living near wind turbines and an electric substation in the vicinity have developed brain, stomach and kidney cancers—symptoms linked to exposure to electricity and stray voltage, as ECM has reported. In East County, complaints of stray voltage have surfaced near electrical facilities including SDG&E substations in the Campo/Boulevard and Alpine areas, as well as homes near the Kumeyaay Wind facility in Campo operated by InfraGen. Stray voltage 1,000 times above normal has been measured in homes of 8 residents locally by an epidemiologist. Another recent study found an “an ongoing imminent danger” that could cause a fire and potentially, death. That study concluded that the electric fields were likely coming from the Kumeyaay wind turbines or related substation and power lines—and mandated immediate correction. Yet nothing has been done to reduce the stray voltage or protect the health of those living nearby. Perhaps this news will put operators into taking action: a California woman who was repeatedly shocked in her shower due to stray voltage from a nearby substation

Reported by East County Magazine on 16 April 2013

1388 Human health 16/04/2013 Ridgeway, Chatham-Kent, Ontario Canada "C-K residents living in shadow of industrial wind turbines resort to drastic measures" Local residents report of disturbed sleep due to turbines, despite extreme noise insulation measures being taken. One resident reported to be sleeping in his basement.

Reported by Chatham Daily News on 16 April 2013

1389 Human health 16/04/2013 Lake Winds energy park, Michigan United States "Lawsuit alleges wind power: a threat to health and safety" 17 Northern Michigan residents have filed a lawsuit claiming a new Consumers Energy wind farm has been making people sick. Residents are suffering from dizziness, sleeplessness, headaches and other physical symptoms because of the noise.

Reported by Michigan Capitol Confidential on 16 April 2013

1390 Structural failure 18/04/2013 Ardiffery Mains, Hatton, Aberdeenshire, Scotland UK "Wind turbine collapses after being battered by 70mph gales at farm" 90 foot turbine completely collapsed following gales. The farmer found the three blades scattered across a nearby field and the tower collapsed.

Reported by STV News on 18 April 2013

1391 Human injury 19/04/2013 Big Country wind farm, TX United States "Worker injured in wind turbine accident". Worked reported to have a crushed hand and still at the top of the tower when emergency services arrived.

Reported by Snyder Daily News on 19 April 2013

1392 Fire 23/04/2013ribby Mountain wind farm, Maine United States "$4-million turbine fire at Kibby Mountain puts wind energy under new scrutiny". Fire destroyed a turbine but has raised major concerns over the need to report such incidents. The fire has also raised significant safety concerns regarding turbines.

Reported by Bargror Daily News on 23 April 2013

1393 Miscellaneous 26/04/2013 Georgia Mountain, VT United States "After glitch, Georgia Mountain turbines to spin again". 8 turbines were stationary for over a week due to an electrical fault.

Reported by Burlington Free Press on 26 April 2013

1394 Miscellaneous 30/04/2013 Hundhammerfjellet, Norway "Norwegian project hit by Scanwind turbine write-off". Severe mechanical problems reported with all 13 Scanwind turbines installed at Hundhammerfjellet.

Reported by Windpower Monthly on 30 April 2013

1396 Blade failure 02/05/2013 El Dorado, Kansas United States "Lightning damages wind turbine; Another storm has caused problems for wind turbine". Article includes photos showing blade damage following lightning strike. Reported by El Dorado Times on 2 May 2013 http://www.eldoradotimes.com/article/20130502/NEWS/130502001a4bcf887a


1398 Environmental 05/05/2013 Iskagen Denmark "Denmark: Eagle slaughter" Young white-tailed eagle found sliced in two by a wind turbine. Reported by lokalaavisen.dk on 5 May 2013 http://www.lokalaavisen.dk/se-billederne-havovesel-gallet-mitt-over-vindmoller/Spaeland/20130506/artikler/130509461/126518952096426.txt

1399 Blade failure 07/05/2013 Ovenden Moor wind farm, Halifax, Yorkshire, England UK "Wind turbine blades 17 metres long ripped off in high winds". Walkers reported to have had a narrow escape after blades on a wind turbine were blown off. The blades split and scattered across a wide area. Reported by Halifax Courier on 7 May 2013 http://www.halifaxcourier.co.uk/news/calderdale/windturbine-blades-17-metres-long-ripped-off-in-high-winds-1-5657089


1401 Blade failure 16/05/2013 Ocotillo wind project, California United States Siemens SWT-2.3-108 "Ocotillo wind project shut down after blade throw". A 173-foot long blade weighing 10 tonnes was thrown from a turbine at Ocotillo, narrowly missing the Interstate 8 road but landing on a Jeep trail. One resident and her grandchildren were nearby at the time, luckily no-one was injured. At the time winds were just 19mph. This was the second such incident with the same turbine type within a month. All Siemens SWT-2.3-108 turbines were later shut down worldwide. Reported by ReWtre on 16 May 2013. Also by North American Windpower, Imperial Valley Press, Earth Techling and others http://www.rewire.org/news/2013/05/16/ocotillo-wind-project-shut-down-after-blade-throw.html

1402 Human health 22/05/2013 Fairhaven, MA United States "Fallen eyes partial turbine shutdowns". Turbines to be shut down at night and when wind is in particular directions following complaints from residents. The turbines were shown to be in violation of noise regulations. Reported by South Coast Today on 22 May 2013 http://www.southcoasttoday.com/apps/pbcs.dll/article?AID=/20130525/NEWS/130525002/7353/36434

1403 Miscellaneous 23/05/2013 Saco, Maine United States "Broken windmill in Saco takes turn for better" Turbine has been shut down since March following mechanical failure and an oil leak. Reported by The Courier on 23 May 2013 http://www.windaction.org/news/38447

1404 Human health 25/05/2013 Mid Uplawmoor, Uplawmoor, Renfrewshire, Scotland UK "Peace at last for family who won court battle to silence turbine". A family who’s health was affected by a nearby wind turbine has won a court battle to shut the turbine down. A noise abatement order was served on the turbine owner. Costs were paid for from the family’s home insurance. Reported by Scottish Daily Mail on 25 May 2013 http://www.windaction.org/news/38442

1405 Human injury 01/06/2013 Thorold, Niagara Canada "Worker crushed at Thorold windmill plant". A worker was hospitalised after being crushed between two 48-tonne windmill towers at the TSP Canada Towers plant in Thorold. Reported by The Standard on 1 June 2013 http://www.thestar.com/2013/06/02/worker-crushed-at-thorold-windmill-plant/20130602/news/local/worker-crushed-at-thorold-windmill-plant.html

1406 Blade failure 01/06/2013 Canadian Valley Tech, El Reno, Oklahoma United States "Turbine blade sent into day centre by tornado". The incident happened in Canadian Valley Tech, El Reno, Oklahoma. Very luckily no-one was injured. Reported by National Wind Watch on 6 June 2013 https://www.windaction.org/news/2013/06/01/turbine-blade-sent-into-daycare-by-tornado/

1407 Miscellaneous 08/06/2013 Hutchinson city, Kansas United States "Wind turbine didn’t have permits" Wind turbine ruled to be installed illegally without permits and against zoning regulations. Reported by The Hutchinson News on 8 June 2013 http://www.hutchnews.com/article/2013/06/01/news/local_news/doc5183a20c8b71051/1265194035889-08/1401
1408 Human health 12/06/2013 Boston, MA United States "Wind turbines adversely affect health, new studies show" Two new, peer-reviewed studies show that there is evidence that individuals living near industrial wind turbines are at risk for a number of health ailments, including stress and sleep disturbance. In The Journal of Laryngology and Otology, the authors reported in March that "there is ample evidence of symptoms arising in individuals exposed to wind turbine noise." ...there is an increasing body of evidence suggesting that infrasound and low frequency noise (caused by the wind turbines) have physiological effects on the ear." Published in the Journal of Laryngology and Otology, March 2013; reported by Wind Wise Massachusetts on 12 June 2013 http://www.windaction.org/news/38625 http://www.prnewswire.com/news-releases/wind-wise-massachusetts-wind-turbines-adversely-affect-health-new-studies-show-211260201.html

1409 Miscellaneous 12/06/2013 Whitchurch, Kent, England UK "Council's wind turbine to be removed" The turbine was installed in 2007 and broke down in 2012. Repair costs were prohibitive and so the council has decided to remove it. Reported by Kent Online on 12 June 2013 http://www.windaction.org/news/38619

1410 Human health 13/06/2013 Fairhaven, MA United States "Boards vote to shut turbines down at night- give developer 30 days to fix noise" Two turbines were shut down after over 450 complaints about noise from over 45 households. Reported by South Coast Today on 13 June 2013 http://www.windaction.org/news/38634

1411 Human health 14/06/2013 Kingston, MA United States "Kingston flier study shows locations get more than 30 hours a year" Shadow flier study for 5 turbines confirmed that shadow flier is a problem for up to 808 residents. Mitigation measures include shutting the turbines down. Reported by Wicked Local Kingston on 14 June 2013 http://www.windaction.org/news/38646


1413 Blade failure 17/06/2013 Settlers Trail Wind Farm, Sheldon, Iroquois County, IL United States i BMW "Wind turbine found damaged in Iroquois County" Part of a blade was found in a field. EON claiming that blade failure is a "rare event". Reported by Paxton Record on 17 June 2013 http://www.windaction.org/news/38649

1414 Miscellaneous 27/06/2013 Orono, Minnesota United States "Homeowner must disassemble wind turbine on his property in Orono, court rules" Turbine put his neighbours and properties "at risk" said the judge. Reported by Star Tribune on 27 June 2013 http://www.windaction.org/news/38762

1415 Miscellaneous 27/06/2013 Scituate, MA United States "Societate wind turbine may have been hit by lightning". Residents reported a loud "crack" after which the turbine failed to run. Operators confirm an electrical problem but have denied a charred blade. Operators later confirmed that the turbine was struck by lightning. Reported by Wicked Local Scituate on 27 June 2013 http://www.windaction.org/news/38761

1416 Environmental 27/06/2013 Tarbert, Harris, Outer Hebrides, Scotland UK "Twitchers flocking to see rare bird saw it killed by wind turbine" A rare White-throated Needletail was flying into a wind turbine in front of 40 bird watchers. It was the first sighting of the bird in the UK in 22 years. Reported by The Telegraph and BBC News on 27 June 2013 http://www.windaction.org/news/38765

1417 Fire 02/07/2013 Glenconway Wind Farm, Co Londonderry, Northern Ireland UK "Crews deal with wind turbine fire". Substantial blaze blamed on an electrical fault. Fire crews were at the site for six hours. Reported by UTV News on 2 July 2013 http://www.windaction.org/news/38811

1418 Human health 03/07/2013 Gates Primary School, Heathhaughton, Lancashire, England UK "Residents demand demolition of "noisy" school turbine". A group of residents reported to be suffering from noise and other issues since the turbine was erected. Reported by This Is Lancashire on 3 July 2013 http://www.windaction.org/news/38821

1419 Fire 03/07/2013 The Landing Mall, Port Angeles, WA United States "Smoke fire at The Landing prompts evacuations; batteries for wind power system in flames". Power storage batteries for wind power system reported to have caught fire. Reported by Peninsula Daily News on 3 July 2013 https://www.wndr.com/38821/2013/07/06/smoky-fire-at-the-landing-prompts-evacuations-batteries-for-wind-power-system-in-flames/
1420 Miscellaneous 04/07/2013 Hanover, Massachusetts United States "Hanover calls in technicians from India to fix troubled wind turbine". A series of technical problems reported and the turbine not running after a two year period.

http://www.windaction.org/news/38830

1421 Environmental 05/07/2013 Maharashtra India "Maharashtra has lost huge chunk of forest to wind power projects". 88% of diverted forest land reported to have been lost to wind power projects without an EIA in place.

http://www.windaction.org/news/38841

1422 Blade failure 07/07/2013 Kochi India 10kW A day after commissioning, blades of windmill fall down. Photos show the entire blade assembly on the ground. No-one was reported to be injured.

http://www.windaction.org/news/38857

1423 Blade failure 07/07/2013 Kuanyuan wind farm, Taoyuan County, Taiwan Taiwan "Tapower says it will fix broken turbine". Approx half of a blade reported to have broken off last year and landed on a beach more than 30m from the wind farm. The turbine was constructed in 2004. Two other blades were thrown at the wind farm seven years ago.

http://www.windaction.org/news/38865

1424 Miscellaneous 08/07/2013 Kingston, MA United States Kingston independence turbine offline after electrical storm. "Turbine reported to have been damaged during an electrical storm."

http://www.windaction.org/news/38866

1425 Fire 08/07/2013 The Landing Mall, Port Angeles, WA United States Wind-power battery reignites at Port Angeles’ Landing mall. A further fire was reported to the battery bank which were previously on fire on 3 July.

http://www.windaction.org/news/38867

1426 Miscellaneous 13/07/2013 St Cloud, Minnesota United States Repair work on VA hospital turbine project "hits a snag". Further problems reported to the Indian-made turbine at St Cloud VA Healty Care which has been damaged and requires a new gearbox.

http://www.windaction.org/news/38868

1427 Fatal 16/07/2013 Riffgat offshore wind farm, north of Borkum, Germany Germany "Diver killed during performing offshore wind work in North Sea". British diver reported to have been killed while working at the 108WM Riffgat offshore wind farm, north of Borkum, in the North Sea. He died between July 12 and 13. The 26-year old was buried in 20-meter water depth by a concrete mat.

http://www.windaction.org/news/38869

1428 Structural failure 16/07/2013 Genoa Township, Michigan United States Geneva Township plans to tear down 3-year old wind turbines. "Wind turbines reported to be torn down following various accidents. The Township Board says that the turbines are “hazardous and have sent aluminium parts flying into surrounding areas on windy days”." A separate report by LivingstoneDaily.com reported that one turbine had “self destructed” and a second found to have similar problems. The manufacturer was in bankruptcy.

http://www.windaction.org/news/38870

1429 Fire 17/07/2013 Forward Energy wind farm, Wisconsin United States "Large wind turbine owned by Forward Energy burns itself out". Fire reported to have severely damaged a wind turbine at the Forward Energy site. Photos show that the nacelle was completely destroyed - the fire had to burn itself out as firefighters could not get near.

http://www.windaction.org/news/38871

1430 Human health 17/07/2013 Lowell Mountain wind project, Vermont United States "GMP exceeded sound limits at Lowell project". State utility regulators considering sanctions against Green Mountain Power for violating sound limits at Lowell. Residents described the sound like "ripping the atmosphere apart".

http://www.windaction.org/news/38872

1431 Blade failure 18/07/2013 Kochi India Windmill leaf comes off again; GCDA redfaced. Hadly three weeks after it was installed, a blade was thrown from the GCDA windmill. The entire blade assembly had been thrown one day after commissioning (7 July)

http://www.windaction.org/news/38873
**1432** Environmental 21/07/2013 General United States "Wind farm bird deaths more than thought". New research reports that bird deaths from wind farms may have been underestimated by 30 per cent. A new survey in the US estimated that around 573,000 birds were killed by wind turbines in 2012, including 83,000 birds of prey. Birds are worse hit, with an estimated 888,000 killed per year. Reported by Birdwatch on 21 July 2013 [https://www.windwatch.org/posts/2217/wind-farm-bird-deaths-more-than-thought](https://www.windwatch.org/posts/2217/wind-farm-bird-deaths-more-than-thought)

**1433** Fatal 28/07/2013 Nokom, Pennysylvania United States "5 dead in copter crash near Nokom, wreckage found Sunday near Mehopany Wind Farm". The weather is reported to be a factor. Initial reports did not mention whether the wind farm had been a factor in the crash or otherwise. Reported by Timesleader.com on 29 July 2013 [https://www.windwatch.org/news/2013/07/29/5-dead-in-copter-crash-near-nokom](https://www.windwatch.org/news/2013/07/29/5-dead-in-copter-crash-near-nokom)

**1434** Human health 01/08/2013 Sheddland UK "NHIS report explores health impact of windfarms". The report concludes "Current mitigations do not entirely deal with the annoyance caused by windfarms, the results of which are a cause of distress and related ill health for a number of people living in the vicinity." Reported by The Shellland Times on 1 August 2013 [https://www.windaction.org/posts/40308-nhhs-report-explores-health-impact-of-windfarms](https://www.windaction.org/posts/40308-nhhs-report-explores-health-impact-of-windfarms)

**1435** Blade failure 01/08/2013 Ocotillo wind power, CA United States "Wind farm back with fix for fallen blade". Report highlights that Siemens have replaced 7 B53-type blades at Ocotillo, CA and a further blade at a facility in Iowa. The Ocotillo failure happened in May 2013 but had been previously reported in this database. Reported by San Diego Tribune on 1 August 2013 [https://www.windaction.org/posts/40160-blade-failure-ocotillo-wind-farm-back-with-fix-for-fallen-blade](https://www.windaction.org/posts/40160-blade-failure-ocotillo-wind-farm-back-with-fix-for-fallen-blade)


**1437** Fire 06/08/2013 Beidenfleth-Grosskampen Germany Vestas 600kW "On 6th August 2013, a Vestas 600kW turbine installed back in 1995 at Beidenfleth-Grosskampen had a fire problem in the tower entrance room, the newspaper Wisselche Zeitung reported 8th August 2013." Reported by WindPower Monthly on 31 October 2013 [https://www.windpowermonthly.com/article/12796824/german-media-focus-turbine-fires](https://www.windpowermonthly.com/article/12796824/german-media-focus-turbine-fires)

**1438** Human injury 12/08/2013 Lovthrop Beaupre wind farm, Quebec Canada "Accident at wind farm Lovthrop Beaupre". Operator injured in transport accident when his vehicle overturned in a ditch. This is the third accident at the site in the past year, two previous accidents proved fatal. (original article in French) Reported by Le Soleil on 12 August 2013 [https://www.windaction.org/posts/37887-accident-at-wind-farm-lovrthrop-beaupre](https://www.windaction.org/posts/37887-accident-at-wind-farm-lovrthrop-beaupre)

**1439** Miscellaneous 14/08/2013 Fairhaven, MA United States "New noise violation against Fairhaven turbines". MA Dept of Environmental Protection confirmed turbines exceeded legal noise limits after midnight. The turbines are supposed to be switched off between 7am and 7am. Reported by ABC6 News on 14 August 2013 [https://www.windaction.org/posts/37894-new-noise-violation-against-fairhaven-turbines](https://www.windaction.org/posts/37894-new-noise-violation-against-fairhaven-turbines)

**1440** Fire 18/08/2013 Nolan County, Texas United States "Wind turbine catches fire in Nolan County". A wind turbine fire reported at around 10 a.m. Monday east of Lake Sweetwater on the Trent Mesa in Nolan County. Fire investigators believe the turbine either had an electrical malfunction or a bearing that overheated. Fire from the turbine started the grass fire, crews quickly put it out. No one was hurt. Reported by KTAS TV on 19 August 2013 [https://www.windaction.org/posts/37895-wind-turbine-catches-fire-in-nolan-county](https://www.windaction.org/posts/37895-wind-turbine-catches-fire-in-nolan-county)

**1441** Miscellaneous 25/08/2013 Akron, Iowa United States "Akron-Westfield selling school's wind turbine". The turbine is reported to have been broken for 2 years with repairs unsuccessful. Reported by KTIV TV on 25 August 2013 [https://www.windaction.org/posts/37898-wind-turbine-catches-fire-in-nolan-county](https://www.windaction.org/posts/37898-wind-turbine-catches-fire-in-nolan-county)

1443 Mechanical failure
Aug 2013
Granite Reliable wind park, New Hampshire
United States
Vestas V90 3.0MW
Cocoa wind park - owner seeks to widen road after turbine failure. "Turbine bearing failure reported in August 2013. Not previously reported."
Reported by The Caledonian Record on 20 March 2014
wind-co-op-owner-seeks-to-widen-marl-after-
turbine-failure
http://www.independent.ie/tn/news/long-carrying-to-
now-turbine-bearing-crashes-in-donegal-25483073.html

1444 Transport
03/09/2013
Leathmheghairch, Co
Ireland
Donegal
Lorry carrying €1.5m wind turbine crashes in Donegal. "The turbine being transported was to replace one which collapsed in March 2013"
Reported by independent.ie on 3 September 2013
http://www.independent.ie/tn/news/long-carrying-to-
now-turbine-bearing-crashes-in-donegal-25483073.html

1445 Blade failure
03/09/2013
Denholly, Scrabster
UK
80KW
"How 40mph winds wreaked this turbine"
Two blades torn off and debris scattered over a wide area. A third blade was left dangling precariously.
Reported by The Daily Mail on 4 September 2013
http://www.windaction.org/posts/38441-how-
40mph-winds-wrecked-this-turbine

1446 Blade failure
04/09/2013
Dötlingen - Kreis
Oldenburg
Germany
Deflet Windrad-Flügel bricht ab. "Broken blade reported. Nobody was injured. It happened in Germany, Dötlingen - Kreis Oldenburg. (In German)"
Reported by NWZ online on 4 September 2013
http://www.nwz.de/wirtschaft/sternzeichen/d-fluegel-bricht-ab-a_8,3,1499836206.html

1447 Transport
05/09/2013
Washington County,
United States
"Semi carrying turbine crashes in Washington Co." The trailer crossed the median and rolled. Turbine, truck and trailers all damaged, no-one reported injured.
Reported by Salina Journal on 5 September 2013
http://www.windaction.org/posts/38450-semi-
carrying-turbine-crashes-in-
2013

1448 Environmental
08/09/2013
Ocotillo, California
United States
"Ocotillo residents' woes continue as new dust storm, flooding, white sludge strikes community" Site clearance and drainage changes by the developer are being blamed for the flooding, sludge and dust storms.
Reported by East County Magazine on 8 September 2013
http://www.windaction.org/posts/38466-
ecocountymagazine-ocotillo-residents-woes-
continue-as-new-dust-storm-flooding-white-sludge-strikes-community

1449 Human health
10/09/2013
MacArthur wind farm,
Australia
Turbine opponents release own health study. "Preliminary report which has compiled complaints and records of ill-health effects from wind turbines near MacArthur, Australia"
Reported by The Standard on 10 September 2013
http://www.windaction.org/posts/38497-
turbine-opponents-release-own-health-impact-
study/

1450 Environmental
11/09/2013
General
United States
"Eagle slaughter: wind farms kill 67 eagles in 5 years". Government report which is the first to acknowledge and publish such data, though the report says that the 67 fatalities could be much higher. One bald eagle was found, still alive, with a missing wing and leg in a cornfield near Pioneer Prairie wind farm in Iowa.
Reported by Associated Press and Washington Times on 11 September 2013
http://www.windaction.org/posts/38517-
eagle-slaughter-wind-farms-kill-67-eagles-
5-years/

1451 Human health
16/09/2013
Cape Cod, Massachusetts
United States
"Never Stops. Never Stops. Headache. Help". More reports of ill-health effects from wind turbines. Following a two year period suffering from insomnia and headaches, which left him fatigued, distracted, and stressed out, one man almost caused a fatal air crash as he could not function properly as an air traffic controller. Hundreds of people now reported to be suffering from wind-turbine induced ill-health world-wide.
Reported by New York Magazine on 16 September 2013
http://nymag.com/news/features/wind-
turbines-2013-3/

1452 Human health
18/09/2013
Bristol, Rhode Island
United States
"Bristol couple seek relief from turbine noise". More reports of human ill-health caused by wind turbines reported.
Reported by EastBayRI on 19 September 2013
http://www.windaction.org/posts/38504-
bristol-couple-seeks-relief-from-turbine-
noise
http://www.eastbayri.com/news/bristol-
couple-seeks-relief-from-turbine-
noise

1453 Miscellaneous
24/09/2013
Sheffield, Vermont
United States
Sheffield wind turbines down for maintenance. Only one of 16 turbines reported to be operating.
Reported by The Caledonian-Record on 24 September 2013
http://www.windaction.org/posts/38642-
sheffield-wind-turbines-down-for-
maintenance-repairs
http://www.windaction.org/posts/38642-
sheffield-wind-turbines-down-for-
maintenance-repairs

1454 Fire
26/09/2013
Scheidobrunn /
Kempfenühn, Langenhain
Germany
"Windmill at Laehr burns completely down. Turbine reported to have been completely destroyed by fire. The fire department could do nothing but watch and control the resulting burning debris. Burning blade pieces began to fall one hour after the fire was reported." (In German)
Reported by Visualis Zeitung on 25 September 2013
http://www.windpowermonthly.com/article/12
3425/chinese-typhoon-knocks-17-wind-
turbines

1455 Blade failure
25/09/2013
Honghawen wind farm,
Shanwei City,
Guangdong
China
Vestas V47
"Chinese typhoon knocks out 17 wind turbines" 8 x 600KW Vestas V47 turbines reported to be blown down and blades blown off a further nine turbines during Typhoon Usagi. The same windfarm was hit by a similar typhoon in 2003, with 13 out of 25 turbines damaged
Reported by WindPower Monthly on 25 September 2013
http://www.windpowermonthly.com/article/12
3425/chinese-typhoon-knocks-17-wind-
turbines
1456 Structural failure
25/09/2013
Hongkowan wind farm, Shenzhen City, Guangdong
China
Vestas V47
"Chinese typhoon knocks out 17 wind turbines" 8 x 600kW Vestas V47 turbines reported to be blown down and blades blown off a further nine turbines during Typhoon Usagi. The same windfarm was hit by a similar typhoon in 2003, with 13 out of 25 turbines damaged.
Reported by WindPower Monthly on 25 September 2013
http://www.windaction.org/posts/38556-
chinese-typhoon-knocks-out-17-wind-
turbines

1457 Miscellaneous
08/10/2013
Willmar Senior High School, Minnesota
United States
DaWind
"Willmar wind turbines continue to be out of service". Two High School turbines supplied by DaWind have failed due to breaker problems. They were installed in 2009.
Reported by West Central Tribune on 8 October 2013
http://www.windaction.org/posts/38745-
willmar-wind-turbines-continue-to-be-out-
of-service#.UsAuzfQ7sk0

1458 Transport
11/10/2013
Belfast Harbour, Belfast, Northern Ireland
UK
Siemens
"Workers escape as wind turbine collapses at Belfast Harbour" Wind turbine tower "collapsed" onto a digger when being moved. The tower was 140 feet high. Luckily no-one was injured.
Reported by Belfast Telegraph on 11 October 2013
http://www.windaction.org/posts/38770-
turbines-continue-be-out-of-service#.UsAw0PQ7sk0

1459 Fire
12/10/2013
Sands, Friesland
Germany
Siemens
800kW Enercon E48 "Brand. Windrad meldet: "Ich brenne"" Fire - turbine announces "I’m dying" SMS message from the turbine informed of a problem, it was in fact a fire which caused 1 million euros damage and the complete loss of the nacelle. This is reported to be one of "at least 100 fires" at 28,000 German turbines. (In German)
Reported by EPAW on 12 October and by NWZ online on 15 October 2013
http://www.windaction.org/posts/38812-wind-
2013
http://www.belfasttelegraph.co.uk/news/local-
wind-turbine-collapses-at-belfast-harbour-
9951077.html

1460 Miscellaneous
16/10/2013
Chalkar reservoir, Addingham, Yorkshire, England
UK
"Wind farm being torn down for scrap". A 4 turbine development in the Yorkshire Dales is being scrapped. Erected in the 1990’s the x 45 meter turbines reportedly hadn't worked for years and were rusting and redundant. Locals have supported the move.
Reported by The Telegraph on 16 October 2013
http://www.windaction.org/posts/38859-wind-
UK
http://www.telegraph.co.uk/earth/energy/win-
down-for-scrap.html

1461 Human health
22/10/2013
Cape Cod, Massachusetts
United States
"Wind turbine syndrome blamed for mysterious symptoms in Cape Cod town". Dozens of residents suffering from headaches, stress and other symptoms associated with living close to the 3 nearby turbines. One resident has sued the turbine owners.
Reported by Good Morning America on 22 October 2013 and by Medical Daily on 23 October 2013
http://www.windaction.org/posts/38875-wind-
http://www.medicaldaily.com/wind-turbine-
syndrome-blamed-for-mysterious-
symptoms-in-cape-cod-52-
symptoms-in-cape-cod-families-sick-resident-sues-
turbine-company#.UsBOtvQ7sk0

1462 Transport
25/10/2013
Little Current, Manitoba
Canada
"Wind turbine crane overturns on Green Bush Road". A 365 ton crane, which is being used on the construction of McLean’s Mountain Wind Farm, overturned on Green Bush Road. The road was closed for a full day to allow recovery.
Reported by Manitoulin Expositor on 25 October 2013
http://www.windaction.org/posts/38920-wind-
Canada
http://www.manitoulin.ca/2013/10/25/wind-
turbine-crane-overturns-on-green-bush-road-
19994656-
detail/story.html#ixzz2iyWOV6t9

1463 Environmental
25/10/2013
Little Current, Manitoba
Canada
"Green Bush landowner upset no-one called him about spill". Angry property owner arrived home to find the 365 crane on his property, his fence damaged and diesel and hydraulic oil spilled on the property. Neither the authorities nor the wind farm company had bothered to contact him.
Reported by Manitoulin Expositor on 6 November 2013
http://www.windaction.org/posts/38922-wind-
Canada
http://www.manitoulin.ca/2013/11/06/green-
bush-landowner-upset-no-one-called-him-
about-spill#.UsBhNvQ7sk0

1464 Fire
28/10/2013
Rodensleben, Saxony
Germany
Fuhlander 1.5MW
"Windrad bei Rodensleben in Flammen". "Wind turbine at Rodensleben in flames". Fire crew could do nothing but watch and fight fires from burning debris thrown from the turbine. Police put a 150m cordon around the turbine and all residents in the nearby town of Rodensleben were asked to close their doors and windows. (In German)
Reported by WindPower Monthly on 31 October 2013
http://www.windaction.org/posts/38924-wind-
Germany
http://www.volksstimme.de/nachrichten/lokal-
detail/story.html#ixzz2iyWOV6t9

1465 Structural failure
28/10/2013
Higher Rixdale Farm, Luton, Teignmouth, Devon
UK
"Wind turbine blown over by wind in Devon" 27m wind turbine collapsed during strong winds.
Reported by Exeter Express and Echo on 28 October 2013
http://www.windaction.org/posts/38920-wind-
UK
http://www.exeterexpressandecho.co.uk/stor-
y-19984996-
story.html#ixzz2yjWOVB89
1466 Fatal (2 fatalities)  
30/10/2013  
Pet de Wiit wind farm,  
Dalland's Plant de Wiit wind farm in the Netherlands. According to the Netherlands Times, "because of the height, the fire department initially had trouble extinguishing the fire in the engine room." The fire started in the afternoon, but it took until evening for a special team of firefighters to arrive and ascend with a large crane. One victim was found on the ground beside the wind turbine; the other body was recovered by the specialized team. Two other mechanics escaped safely. A witness reported seeing two men jump through flames into a staircase.

1467 Transport  
31/10/2013  
Prince Edward Island  
Canada  
Section of giant wind turbine damaged in incident. Dropped load incident during transport and lifting of a tower section on PEI. No one was hurt.

1468 Blade failure  
01/11/2013  
Michigan Wind 2,  
Huron County, Michigan  
United States  
"Turbine hit by lightning will soon be repaired". Blade reported to have been damaged following a lightning strike in late September. No one was hurt.

1469 Human health  
02/11/2013  
Chatham, Ontario  
Canada  
Survey indicated wind turbines cause sleep disturbance". A University of Waterloo study confirmed that wind turbines cause sleep disturbance. Approx 400 responses to the survey were received.

1470 Miscellaneous  
02/11/2013  
Heartland Community College, Illinois  
United States  
"HCC turbine should be up and running soon". Blade reported to have been broken since 19 September due to an electrical fault.

1471 Transport  
06/11/2013  
Jeffreys Bay wind farm  
South Africa  
"Havoc with loss of wind turbine blade". Transport havoc reported following the loss of a wind turbine blade from its trailer during transport. The road was closed for 7 hours. No injuries were reported.

1472 Structural failure  
07/11/2013  
Staeline wind farm, Touchel, Washington  
United States  
"Wind turbine collapses in Washington". Structural collapse reported of a 10-year old turbine. Environmental spillage also reported.

1473 Miscellaneous  
07/11/2013  
Welsh Government office, Aberystwyth  
UK  
Welsh government’s £48k wind turbine creates £5 of power a month". Mechanical and siting problems blamed for extremely poor performance of the Welsh Government office turbine at Aberystwyth.

1474 Environmental  
08/11/2013  
(General) United States  
600,000 bats killed at wind energy facilities in 2012, study says". Over 600,000 bats were killed by wind energy turbines across the United States last year, with the highest concentration of kills in the Appalachian Mountains, according to new research, published in the journal BioScience.

1475 Blade failure  
08/11/2013  
Echo wind park, Caseville, Huron County, Michigan  
United States  
"GE blade crashes to the ground at DTE wind farm". Wind speed at the time only 10-15mph. GE was performing a six-hour reliability test when the machine’s 48.7-meter blade fell to the ground. He says there were no injuries, other than to the turbine itself; half of the blade was found at the base. Work has been halted on further construction. This is the second incident with this type of turbine this year.

1476 Fire  
14/11/2013  
Wind park NextEra, Murdochville, Quebec  
Canada  
"Munroville - une dizaine prend feu". "Munroville: a wind turbine catches fire". Acelle and blades burnt out. (In French)
1477 Blade failure 18/11/2013 Orangeville wind farm, New York United States GE 1.6 MW "Orangeville wind farm operations suspended after turbine blade breaks". The turbine lost the blade during commissioning operations. This is the third loss of a GE 1.5 blade in 2013. Reported by Batavia News on 18 November 2013

1478 Blade failure 21/11/2013 California Ridge wind farm, Oakwood, Illinois United States GE 1.6 MW "Inverenergy California Ridge windfarm turbine failure" Two blades lost from the turbine, debris reported to have been scattered over an unspecified but wide area. This is the fourth such incident with GE turbine blades during 2013. Following this incident GE launched a "thorough investigation". Reported by Edgar County Watch Dogs on 21 November 2013

1479 Transport 21/11/2013 Duren-Echtz Germany "Crane goes over on wind farm" A 750 tonne all terrain crane overturned on a wind farm in Germany as it was moving between turbine installation areas. It was being moved partially rigged in order to minimise cost. The driver was uninjured but was taken to hospital suffering from shock. Reported by Vertikal.net on 21 November 2013

1480 Environmental 23/11/2013 Top of the World and Campbell Hill wind farms, Casper, Wyoming United States "Guilty plea in bird deaths at wind farms a first". Duke Energy who operate the Top of the World and Campbell Hill wind farms in Wyoming, pleaded guilty to illegally killing 14 eagles and 149 other birds between 2009 and 2013. They were fined $1M. Reported by The Associated Press on 23 November 2013

1481 Human injury 24/11/2013 Bacup wind turbine, Lancashire, England UK "Probe launched after man falls from Bacup wind turbine" A 30-year old construction worker fell 40 feet within one of the turbines being built. The man was taken to Preston Hospital with suspected lower spine and pelvic injuries. HSE were informed and are investigating. Reported by The Lancashire Telegraph on 24 November 2013

1482 Human health 25/11/2013 Falmouth, Massachusetts United States Vestas 1.65MW "Judge rules wind turbines cause "immeasurable harm" to health & issues immediate injunction". US Justice Muse ruled that two wind turbines in Falmouth cause "immeasurable physical and psychological harm" to the health of neighbours. He has ordered that the turbines are immediately turned off between 7pm and 7am every night, pending the hearing of a case for nuisance. These two turbines are the same power generating capacity as wind turbines at a number of wind developments in Australia where local residents have reported the same range of symptoms, most commonly repetitive sleep disturbance, known for centuries to result in serious long term damage to mental and physical health. Reported by Waboura Foundation on 25 November 2013

1483 Fire 26/11/2013 Montes de Cierzo and La Banderia wind farms, Navarra region Spain "Spanish police investigate Aïstrom turbine fires" A series of fires in the nacelles of four Aïstrom turbines at two neighbouring wind stations are under police investigation. Firemen were called out three separate times on the night of November 8, between 22.00h and 22.00h, to tackle the four blazes. The fires affected two Aïstrom EC044-400kW and two EC045-750kW machines at the 9MW Montes de Cierzo plant in the Tudela district and the 30MW La Banderia plant in Fustiñana, respectively. The affected machines, in operation for over a decade, were separated by several kilometres. Reported by WindPower Monthly on 26 November 2013
1484 Fire
29/11/2013
Bigelow Canyon, Sherman County, Oregon
United States
"Transformer fire causes spill in Sherman County". Transformer at the base of a wind turbine overpressurised & released 600 gallons of transformer oil into the surrounding area, some of which caught fire. The fire was extinguished and the spill cleaned up.
Reported by The Dallas Chronicle on 29 November 2013

1485 Structural failure
30/11/2013
Fairhaven, MA
United States
"North turbine down due to ‘slight’ foundation imbalance". Fairhaven's north turbine reported to be shut down after an imbalance was found in the foundation.
Reported by South Coast Today on 30 November 2013
http://www.southcoasttoday.com/apps/pbcs/stories/A20131129/W1/23750343

1486 Fire
30/11/2013
Stipá Naya wind farm, La Ventosa
Mexico
Gamesa 2MW
"Transformer catches fire in La Ventosa". 2MW Gamesa turbine reported to have been burned out at the Stipá Naya wind farm. Police and company employees tried to prevent journalists from taking photographs.
Reported by romonoticias.com on 30 November 2013
http://www.windaction.org/posts/39183-la-ventosa/turbine-loses-rotor-blade

1487 Blade failure
06/12/2013
Corkemore wind farm, Donegal
Ireland
Gamesa 680/2000
"Shock as another wind turbine disintegrates at second windfarm site".  The end part of one blade - approx 10 feet long, "snapped off" and embedded in the ground below. No-one was injured.
Reported by Donegal Daily on 6 December 2013
http://www.donegaldaily.com/2013/12/06/shock-as-another-wind-turbine-disintegrates-at-second-windfarm-site/

1488 Structural failure
10/12/2013
Döhlen, Oldenburg district
Germany
Enerson E40
"Blurr mott Gondel von Windrad "Storm rips nacelle off wind turbine". During the storm "Xaver" a nacelle weighing over 20 tonnes fell 60 meters to the ground. No one was injured. The turbine was erected in 1995.
Reported by Kölnische Rundschau on 10 December 2013

1489 Structural failure
10/12/2013
Vlatten energy park
Germany
Enerson E40
"Blurr mott Gondel von Windrad "Storm rips nacelle off wind turbine". During the storm the turbine bent over at 25m height and collapsed onto the surrounding ground. No-one was hurt. The turbine was 13 years old.
Reported by Kölnische Rundschau on 10 December 2013

1490 Blade failure
12/12/2013
Seascale School wind turbine, Seascale, Cumbria, England
UK
"Wind turbine blade shears off". Blade on the turbine at Seascale School blown off and landed 200m away in a field. Copeland Council recently approved permission for 14 houses to be built on the field where the blade landed, saying there was "no evidence of the turbine being unsafe". Luckily no-one was injured.
Reported by Whitehaven News on 12 December 2013
http://www.whitehavennews.co.uk/news/energy-blade-shears-off-1.1104503

1491 Environmental
12/12/2013
(General)
United States
"Study says wind farms kill more than 300 birds a year". Study published in Biological Conservation magazine says 328,000 birds are killed each year in collisions with monopole wind turbines - the type which is preferred by the wind industry and in use today. The study also found a direct correlation between turbine height and bird mortality rate.
Reported by Governors Wind Energy Coalition on 12 December 2013
http://www.windenergycoalition.org/?p=7284
http://www.governorwindenergycoalition.org/?p=7284

1492 Fire
17/12/2013
Kumeyaay wind facility, Campo, CA
United States
Gamesa
"Kumeyaay wind farm idled by turbine fire". Fire heavily damaged one of the 25 turbines. Fire spread to the surrounding brush but fire crews managed to keep it under control. The story was reported on NBC7 San Diego News as "wind turbine explodes..."
Reported by San Diego Union Tribune on 17 December 2013
http://www.windaction.org/posts/39110-kumeyaay-wind-farm-ided-by-turbine-fire

1493 Blade failure
18/12/2013
Burndale wind farm, Shetland
UK
Vestas V90
"Turbine blade repaired after lightning strike". Lightning reported to be responsible for a "belt-sized" hole in the blade, on 5 December. The blade was repaired "in-situ" at a height of 25m - described as "a challenge" by the repairing contractor.
Reported by The Shetland Times on 18 December 2013
http://www.shetlandtimes.co.uk/2013/12/18/turbine-blade-repaired-after-lightning-strike/

1494 Blade failure
31/12/2013
Germany
Enerson E-126
"Windradanfeignung bei Gerbach in Donnersbergkreis verliert Rotorblatt". "Wind turbine at Gerbach in Donnersbergkreis loses rotor blade". Video report that the Enerson flagship E-126 6MW turbine lost a 60 tonne blade.
(In German)
1495 Miscellaneous 2013 Roslev, Denmark Denmark Explosion. No details of incident. Provision of analysis, advice and restoration of damaged components. Location likely to be of AREPA's work. AREPA Group reference list of tasks regarding wind turbines http://www.arepa.com/data/arepa.dk/files/Wind_Turbine_references.pdf

1496 Miscellaneous 2013 Brande, Denmark Denmark No details of incident. Provision of advice and restoration of damaged components. Location likely to be of AREPA's work. AREPA Group reference list of tasks regarding wind turbines http://www.arepa.com/data/arepa.dk/files/Wind_Turbine_references.pdf


1498 Miscellaneous 2013 Osterild, Denmark Denmark No details of incident. Provision of advice and restoration of damaged components. Location likely to be of AREPA's work. AREPA Group reference list of tasks regarding wind turbines http://www.arepa.com/data/arepa.dk/files/Wind_Turbine_references.pdf


1501 Fire 2013 Loindonader, N. Ireland UK No details of incident. Provision of analysis, advice and restoration of fire damaged components. Location likely to be of AREPA's work. AREPA Group reference list of tasks regarding wind turbines http://www.arepa.com/data/arepa.dk/files/Wind_Turbine_references.pdf

1502 Fire 2013 Anholt, Denmark Denmark No details of incident. Provision of advice and restoration of fire damaged components. Location likely to be of AREPA's work. AREPA Group reference list of tasks regarding wind turbines http://www.arepa.com/data/arepa.dk/files/Wind_Turbine_references.pdf

1503 Fire 2013 Markov, Denmark Denmark No details of incident. Provision of advice and restoration of fire damaged components. Location likely to be of AREPA's work. AREPA Group reference list of tasks regarding wind turbines http://www.arepa.com/data/arepa.dk/files/Wind_Turbine_references.pdf

1504 Miscellaneous 2013 Zephyr site, Romania Romania No details of incident. Provision of analysis, advice and restoration of damaged components. Location likely to be of AREPA's work. AREPA Group reference list of tasks regarding wind turbines http://www.arepa.com/data/arepa.dk/files/Wind_Turbine_references.pdf

1505 Miscellaneous 2013 Port of Wick and Camster Windfarm, Caithness, Scotland UK No details of incident. Provision of analysis and advice on damaged components. Location likely to be of AREPA's work. AREPA Group reference list of tasks regarding wind turbines http://www.arepa.com/data/arepa.dk/files/Wind_Turbine_references.pdf

1506 Blade failure 02/01/2014 Prairie Breeze Wind Farm, Nebraska United States GE 1.6 MW "Due to "anomaly" some wind turbine blades must be replaced". Blade manufacturing defects reported - a "significant" number of blades have to be replaced on the GE turbines. GE admit that continued operations are not safe. Reported by The Elgin Review on 2 Jan 2014 https://www.wind-watch.org/news/2014/01/03/due-to-anomaly-some-wind-turbine-blades-must-be-replaced/ http://www.elginreview.com/?p=8482

1507 Mechanical failure 02/01/2014 Naantali High School, Naantali, MA United States 100kW "Beating the half-school wind turbine". Turbine reported to be out of service for over a month due to a bearing failure. Reported by Inquirer and Mirror on 2 Jan 2014 https://www.wind-watch.org/news/2014/01/02/beat-the-half-school-wind-turbine/ http://www.gazetteer.com/news-981388431.html


1509 Environmental 09/01/2014 Pincher Creek, Alberta Canada "Dozens of dismembered ducks believed to have been killed by transmission lines near Pincher Creek". Transmission line constructed directly between key waterfowl staging areas and feed areas. Reported by Calgary Sun on 9 Jan 2014 https://www.wind-watch.org/news/2014/01/14/oil-spills-at-wind-project/ http://www.ckrsun.com/2014/01/09/diagg- of-dismembered-ducks-believed-to-have-been-killed-by-transmission-lines-near-pinch- creek-case/ http://www.callgarysun.com/2014/01/08/diagg- of-dismembered-ducks-believed-to-have- been-killed-by-transmission-lines-near-pinch- creek-case

1510 Human health 12/01/2014 Crawley Green Infants School, Luton, England UK 15m "Noisy neighbour is being moved on". A wind turbine at a Luton school, which has stood unmoving for 4 years, is being taken down. The turbine was installed in 2009 but proved to be far too noisy when tested and was never switched back on. Reported by Luton Today on 12 Jan 2014 https://www.wind-watch.org/news/2014/01/12/noisy-neighbour-is-being-moved-on/ http://www.lutontoday.co.uk/news/local/local- news-is-being-moved-on-1-5860532


1513 Human health 14/01/2014 Vergennes, Vermont United States "Vergennes wind turbine causing controversy". Local resident claims that a wind turbine is ruining his life and will bring a case against Vermont Public Service Board. Setting sun behind the turbine is causing shadow flicker, causing headaches and distress.


1514 Transport 15/01/2014 Lowell Mountain, Vermont United States "Lowell wind project: Truck and Trailer crush off access road, driver OK". A tractor trailer carrying a boom used to repair a wind turbine blade on Lowell Mountain slid off the steep wind project access road and down an embankment Monday afternoon. The driver of the truck was assisted by members of the Lowell Fire Department. This is the second accident involving a large truck and trailer carrying large parts for the wind project.

Reported by The Caledonian Record on 15 Jan 2014 http://www.windaction.org/posts/39511-lowell-wind-project-truck-and-trailer-crush-off-access-road-driver-ok

1515 Blade failure 16/01/2014 High West Thickele Farm, Bledisloe, Teesdale, England UK 18m "Probe after high winds damage wind turbine". Farm turbine reported to have lost its blades during high winds. This is the second time its lost blades in a year.

Reported by the Teesdale Mercury on 16 Jan 2014

1516 Blade failure 16/01/2014 Echo wind park, Huron county, Michigan United States GE 1.6 MW "DTE to replace 33 turbine blades". 33 turbine blades are to be replaced at the troubled Echo wind park. Many blade problems with GE 1.6-100 turbines have already been reported, some blades having been thrown from the turbines.


1517 Human health 16/01/2014 General Canada "Review of scientific literature found adverse health effects". The review was published in the winter edition of the Canadian Journal of Rural Medicine and concludes that turbines placed close to homes "can negatively affect the physical, mental and social well-being of people". The review also states that there is sufficient evidence to support the conclusion that noise from wind turbines "is a potential cause of health effects".

Reported by www.wtae.com, WPXI-TV and the Daily Courier on 16 Jan 2014

1518 Structural failure 16/01/2014 Mill Run Wind Farm, Fayette county, Pennsylvania United States 15 MW Enron Wind T2s "Huge wind turbine falls in Fayette County". Industrial sized turbine collapsed completely and unexpectedly. It had been erected in 2001.

Reported by www.wtae.com, WPXI-TV and the Daily Courier on 16 Jan 2014

1519 Human health 17/01/2014 Stoney Corners wind farm, Wexford County, Michigan United States "Future of wind farm in question after family files lawsuit". A family have filed a lawsuit against the operators of Stoney Corners wind farm as the turbines have caused them considerable ill health.

Reported by 9&10 News on 16 Jan 2014

1520 Blade failure 28/01/2014 Saeby wind farm, Jutland Denmark Vestas V90 3.0MW "Vestas blades break in Denmark". Two 44m blades broken at a V90 turbine at a Danish windfarm, only one month after it had been commissioned. The two blades broke from the same turbine. Winds were not high at the time.

Reported by RENew and North American Windpower on 29 January 2014

1521 Miscellaneous 03/02/2014 Armstrong Point, Hindley Green, Wigan, England UK "Residents get turbine muted at night". Turbines shut down at night following complaints from residents about "vent loud whining and whirring noise" from the turbines. In breach of planning consent.


1522 Transport 04/02/2014 County Road 42, Windsor, Ontario Canada "MTO investigating how wind turbine tower fell from truck". Part of turbine tower weighing 48 Tonne fell from truck during transportation. The road was closed for 3 hours. Ontario Ministry of Transportation are investigating.

1523 Mechanical failure 04/02/2014 Akron-Westfield school, Akron, Iowa United States "A-W deals with runaway wind turbine”. School wind turbine at Akron-Westfield school reported to be running out of control, suspected braking failure. School Superintendent Randy Collins described it as "life threatening". The turbine had been shut down since 2009. 

Reported by The Akron Homeowner on 5 February 2014 and by KCAU TV on 6 Feb 2014


http://www.aahomeowner.com/pages/?p=178

1524 Fire 06/02/2014 Sternberg, Mecklenburg Germany Windrad bei Sternberg abgebrannt (Turbine by Sternberg ablaze). Fire reported at German turbine on 6 Feb (in German). 

Reported by Nordmagazin on 6 Feb 2014

http://www.ndr.de/fernsehen/sendungen/nordmagazin/media/nordmagazin21415.html

1525 Human health 07/02/2014 Lake Winds energy plant, Michigan United States "School wind turbine at Akron-Westfield school reported to be running out of control, suspected braking failure. School Superintendent Randy Collins described it as "life threatening". The turbine had been shut down since 2009."

Reported by Michigan Capitol Confidential

http://www.windaction.org/posts/39729-court-ordered-to-address-wind-turbine-noise-problems

1526 Environmental 08/02/2014 General India "Wind farms threaten birds: study”. Study by Bombay Natural History Society shows that "there is evidence that construction of windmills renders habitat unsuitable for birds”. This threat is in addition to the threat from collision fatalities. 

Reported by Deccan Herald on 9 Feb 2014

http://www.deccanherald.com/content/38546/wind-farms-threaten-birds-study.html

1527 Fire 13/02/2014 Cemaes, Anglesey, Wales UK Anglesey wind turbines catch fire in a storm”. Two separate turbines reported to have caught fire near Cemaes, during a storm. Described a "giant catherine wheels" by eye witnesses.

Reported by Daily Post on 13 Feb 2014 and by BBC Wales on 12 Feb 2014

http://www.dailypost.co.uk/news/wales/anglesey-wind-turbines-catch-fire-9296133


1528 Fire 13/02/2014 Rhosgoch, Anglesey, Wales UK Anglesey wind turbines catch fire in a storm”. A third turbine also on fire during the same storm at Rhosgoch. The fire brigade confirmed that there were three separate fires. 

Reported by Daily Post on 13 Feb 2014

http://www.dailypost.co.uk/news/wales/anglesey-wind-turbines-catch-fire-9296133

1529 Structural failure 13/02/2014 Aberdeen, Scotland UK Falling trees cause traffic delays as winds hit Aberdeen area”. Railway passengers in the north-east had delays of 50 minutes after a wind turbine was blown onto the tracks during a storm.

Reported by Aberdeen Evening Express on 13 Feb 2014


1530 Structural failure 13/02/2014 Lynnway turbine, Lynn, Massachusetts United States "Turbine on the fritz thanks to freezing temps”. Cracked rotor reported during testing at the town’s sewage treatment plant. The "cold weather" is being blamed.

Reported by The Daily Item on 13 Feb 2014

http://www.windaction.org/posts/39762-#turbine-on-the-fritz-thanks-to-freezing-temps-artic


1531 Blade failure 15/02/2014 Wildcat wind farm, Tipton County, Indiana United States Del 1.6 MW "Cause of turbine blade break unknown; study to determine cause of break may not occur until late March”. Broken blade reported on turbine G14 at Wildcat wind farm. The entire blade fell off. Same type of turbine as lost several blades last year. 

Reported by Kokomo Tribune on 19 Feb 2014


1532 Blade failure 20/02/2014 Tiffmouth Farm, Northam, Berwickshire, Scotland UK Hannevidv "Wind turbine damaged”. Local paper reporting showing blade damage and parts of two blades missing from the 31.5m Hannevidv turbine at Tiffmouth Farm. It was erected in 2011 and is next to a public footpath. 

Reported by Berwick Advertiser and Berwickshire News on 20 Feb 2014


1533 Fire 21/02/2014 Fowler, Benton County, Indiana United States "Broken turbine catches fire in Benton County”. Owned by BP Energy. Fire Chief said all he could do was secure the area and let it burn out. 

Reported by WLFI TV on 21 Feb 2014

http://www.windaction.org/posts/39766-fire-in-benton-county

http://www.wlfi.com/2014/02/21/fire-in-benton-county

1534 Fire 21/02/2014 Echhoop Germany Vestas 1.65MW "Echthup windmill burst into flames”. Vestas 1.65MW turbine between Echthop and Bergede burst into flames and burnt out. It took 70 firefighters all night to secure the area and wait for the blaze to burn out. 

Reported by Soest Gazette on 21 Feb 2014

http://www.windaction.org/posts/39767-echthop-windmill-bursts-into-flames

http://www.wlfi.com/2014/02/21/fire-in-benton-county

1535 Blade failure 25/02/2014 Dunlo, Adams Township, Cambria County, Pennsylvania United States "Broken turbine has engineers seeking answers”. Blades on one turbine snapped in half and were left hanging in the air. 

Reported by WJAC TV on 25 Feb 2014

http://www.windaction.org/posts/39901-broken-turbine-has-engineers-seeking-answers

http://www.wjac.tv/News/features/local/47587/stories/broken-turbine-has-engineers-seeking-answers-1701.stml
1536 Blade failure 26/02/2014 Methil, Fife, Scotland UK "Community plea for communication as turbine is due to be plugged in". Questions being asked by the community and by members of parliament after one of the blades on the 7MW turbine had to be removed for repairs. Residents reported to be living in fear. The operators Samsung have not responded to any requests for information. Reported by Fife Today on 26 Feb 2014 http://www.windaction.org/posts/39920-community-plea-for-communication-as-turbine-is-due-to-be-plugged-in http://www.fifetoday.co.uk/news/local/news/local-headlines/community-plea-for-communication-as-turbine-is-due-to-be-plugged-in-1-3359710

1537 Mechanical failure 02/03/2014 St Cloud VA Health Care, St Cloud, Minnesota United States "St. Cloud VA’s wind turbine has yet to live up to expectations". St Cloud Veteran Association’s wind turbine still failing despite attempts to get it running for 3 years. Various mechanical problems reported. May lose $2.2M for the VA. Reported by St. Cloud Times on 2 March 2014 http://www.windaction.org/posts/39954-st-cloud-vas-wind-turbine-has-yet-to-live-up-to-expectations http://www.sctimes.com/article/20140302/NEWS01/303020023/St-Cloud-VA-s-wind-turbine-has-yet-live-up-expectations?gcheck=1&nclick_check=1

1538 Miscellaneous 03/03/2014 Gullen Range wind farm, New South Wales Australia "Wind Farm stops work". NSW Government has asked that work is stopped on Gullen Range wind farm after discovering "various" breaches of its planning approval. Many of the 73 turbines has been constructed in different locations than approved, some 187m off target. Some turbines are now closer to homes than they were supposed to be. Reported by Goulburn Post on 3 March 2014 http://www.windaction.org/posts/39970-wind-farm-stops-work http://www.goulburnpost.com.au/story/212368/wind-farm-stops-work/

1539 Human health 03/03/2014 General Ireland "Warning over wind turbine syndrome". Following a review of international research on the health effects from wind turbines, Irish Dept of Health Chief Medical Officer stated that "there is a consistent cluster of symptoms related to wind turbine syndrome which occurs in a number of people in the vicinity of industrial wind turbines" and that these people should be treated "appropriately and sensitively as these sympoms can be debilitating" Reported by the Irish Examiner on 3 March 2014 http://www.windaction.org/posts/39969-warning-over-wind-turbine-syndrome http://www.irishexaminer.com/ireland/warning-over-wind-turbine-syndrome-2620656.html

1540 Human health 04/03/2014 California Ridge wind farm, Vermilion County, Illinois United States "Invenergy wind turbine victim - California Ridge wind farm". Following over six months of excessive noise from nearby turbines, a 6 year old girl and her parents had to abandon their home and move 8 miles away to get away from the "nightmare noise". Reported by Edgar County Watchdogs on 4 March 2014 http://www.windaction.org/posts/39971-invenergy-wind-turbine-victim-california-ridge-wind-farm http://edgarcountywatchdogs.com/2014/03/invenergy-wind-turbine-victim-california-ridge-wind-farm


1542 Miscellaneous 16/03/2014 General, Scotland UK "Helicopter near miss" A "severe" incident was reported by the RAF after a rescue helicopter encountered wind turbines not marked on any maps. The incident happened on September 7 2013, when the helicopter came close to two unmarked sites, one with 300ft-high turbines. Reported by The Sunday Post on 16 March 2014 http://www.windaction.org/posts/39975-wind-turbine-fire-in-mahanoy-township http://thesundaypost.com/2014/03/16/wind-turbine-fire-in-mahanoy-township/

1543 Miscellaneous 16/03/2014 General, Scotland UK "Emergency call outs" Report that Scotland's emergency services have faced hundreds of callouts to wind farms in recent years, all paid for from the public purse. The article reports 38 wind farm fires and 47 ambulance call outs in Scotland since 2007. Two fatalities and 32 "major injuries" were reported, including amputations, cuts, electric shocks and burns. Reported by The Sunday Post on 16 March 2014 http://www.windaction.org/posts/39979-emergency-call-outs http://thesundaypost.com/2014/03/16/medical-call-outs-to-wind-farms-in-scotland/

1544 Miscellaneous 17/03/2014 General, Scotland UK "Survey shows wind farms are damaging Scottish mountain tourism". "Walkers are ‘turning away from wind farm Scotland’" A survey of over 1000 climbers and hill walkers revealed that 67% say that Scotland is less appealing to visit because of wind farms. Reported by the Galloway Gazette on 17 March 2014 and by The Telegraph on 18 March 2014 http://www.windaction.org/posts/40087-survey-shows-wind-farms-are-damaging-scottish-mountain-tourism http://www.windaction.org/posts/40085-walkers-are-turning-away-from-wind-farm-scotland

1546 Environmental 23/03/2014 General, Scotland UK "Special investigation: Toxic wind turbines". Report detailing that SEPA have investigated more than 100 environmental incidents involving wind turbines in a 6 year period - more than one per week. Incidents include diesel spills, river pollution, blocked drains, excessive noise, polluted drinking water and indiscriminate dumping of waste. An MSP has expressed his concerns. Reported by The Sunday Post on 23 March 2014 http://www.windaction.org/posts/40153-special-investigation-toxic-wind-turbines http://www.pressandjournal.co.uk/Article.asp/x/3629647

1547 Miscellaneous 28/03/2014 Groton wind facility, New Hampshire United States "Wind energy company cited for Groton violations" State Fire Marshall’s section chief has notified the state’s site evaluation committee of 22 building and safety code violations at the 24-turbine Groton wind facility. Following approval for the facility in 2011, Iberdrola failed to file ciodes and safety code plans, failed to provide fire suppression at the turbines as required, and had not obtained proper state approval for the design and construction of the plant. Reported by the New Hampshire Union Leader on 28 March 2014 http://www.windaction.org/posts/40189-wind-energy-company-cited-for-groton-violations http://www.unionleader.com/article/20140327/NEWS05/140329365

1548 Human health 31/03/2014 West Knock Farm, Stuarfield, Aberdeenshire, Scotland UK "Windfarm told to cut noise or face court". Following complaints by neighbours the local council have issued a noise nuisance order, demanding measures to fix the problem. Operators are fighting the order. Reported by The Press and Journal on 31 March 2014 http://www.windaction.org/posts/40196-windfarm-firm-told-to-cut-noise-or-face-court http://www.pressandjournal.co.uk/Article.asp/x/364412/ge-blade-fails-in-indiana/

1549 Miscellaneous 31/03/2014 Redcar offshore wind farm, Teesside, England UK "Yacht's crew run aground after trying to avoid Teesside wind farm". Two lifeboats had to be launched after a yacht ran aground on rocks at Redcar after trying to avoid a wind farm. No mention of any injuries. Reported by Gazette Live on 31 March 2014 http://www.windaction.org/posts/40196-windfarm-firm-told-to-cut-noise-or-face-court http://www.pressandjournal.co.uk/Article.asp/x/3629647

1550 Blade failure 04/04/2014 Wildcat 1 wind farm, Tipton County, Indiana United States GE 1.6 MW "GE Blade fails in Indiana". Second blade failure reported for this wind farm. A blade broke off one of the 1.6MW GE turbines and fell to the ground. The previous blade failure was in February. This latest failure was being put down to a lightning strike. Reported by RE News on 4 April 2014 http://www.windaction.org/posts/40230-ge-blade-fails-in-indiana http://www.renews.biz/64412/ge-blade-fails-in-indiana/

1551 Transport 04/04/2014 Berriedale Braes, Caithness, Scotland UK "Thumbs up for £2.3M upgrade at Berriedale". Article reports damage to the retaining wall caused by a lorry transporting a 120 tonne transformer for the Mybster wind farm. This caused 3 months of delays and one-way traffic. Reported by The John O’Groats Journal on 4 April 2014 http://www.windaction.org/posts/40230-ge-blade-fails-in-indiana http://www.renews.biz/64412/ge-blade-fails-in-indiana/

1552 Transport 21/04/2014 Croagh, County Donegal Ireland "Crane slips off wind farm road". Road reported to have given way causing the crane to tip on its side. No-on was injured. Reported by Verbiak.net on 21 April 2014 http://www.windaction.org/posts/40230-ge-blade-fails-in-indiana http://www.renews.biz/64412/ge-blade-fails-in-indiana/


1554 Structural failure 25/04/2014 Adjacent to A540 freeway Germany "Wind turbine foundations sag". Foundations on 4 x 195m turbines reported to have sunk by 10cm. The turbines were constructed on an old mining area. Reported by RP Online on 25 April 2014 http://www.windaction.org/posts/40230-ge-blade-fails-in-indiana http://www.renews.biz/64412/ge-blade-fails-in-indiana/

1556 Environmental 28/04/2014 Leuze en Hainaut wind farm, Belgium  Removing a wind turbine in Belgium at Perez” Reported that after 10 years operation there have been leaks of hundreds of litres of oil into the surrounding ground.  Reported by EPAW on 28 April 2014  http://www.windaction.org/posts/40360-4-
1557 Fatal 28/04/2014 South Dakota Wind Energy Centre, South Dakota, United States "4 dead as plane crashes at South Dakota wind farm” Plane and 3 passengers killed when a small plane crashed into the South Dakota Wind Energy Centre in fog.  Reported by The Associated Press on 29 April 2014  http://www.wndc
1558 Blade failure 08/05/2014 Prairie Breeze wind farm, Nebraska, United States GE 1.6 MW ”Second wind tower blade sufferers ‘Structural Failure’ at Prairie Breeze wind energy farm”. A second turbine at Prairie Breeze has thrown a blade. This time turbine #11 and the incident took place on May 4. Operators now acknowledge the problem to be a blade defect.  Reported by The Elgin Review on 8 May 2014  http://www.elginreview.com/?p=9091
1559 Miscellaneous 14/05/2014 East Midland Airport, England UK "Wind turbines built 6 months ago for £7 million yet to be switched on as the ‘endanger planes”. Severn Trent Water who own the turbines admitted that they cause a clutter effect which makes radar unreadable for air traffic controllers at nearby East Midlands Airport.  Reported by The Mirror on 14 May 2014  http://www.windaction.org/posts/40455-wind-
1560 Miscellaneous 15/05/2014 Oakgrove School, Middleton, Milton Keynes, England UK "Council blew cash on wind turbines that ‘don’t work”. Milton Keynes Council reported to have paid £170,000 for turbines at Oakgrove School, Middleton, which have generated £3.67 worth of electricity in 9 years. The turbines were switched off on safety grounds as advised by HSE.  Reported by The Mirror on 15 May 2014  http://www.mirror.co.uk/news/local/co
1562 Fatal 16/05/2014 Winery offshore wind farm, Boxer, north west England UK "Barrow coast windfarm ship worker plunges five decks to death”. 26 year old Latvian Aleksejs Kuznecovs died after falling 20 metres. The incident took place on 1 March. The deceased should have been on the engine room at the time of his death and why he fell remains a mystery. An open verdict was declared.  Reported by North West Evening Mail on 16 May 2014  http://www.nmemail.co.uk/news/barrow-
1564 Structural failure 21/05/2014 Banner Wind Farm, Nome, Alaska 50 kW "Wind turbine topples at Banner Wind Farm”. Structural failure led to the collapse of a turbine at the Banner facility near Nome. A welding failure was blamed. This is the fourth incident with the original 18 turbines, of which only 15 are still standing.  Reported by KNOM Radio on 21 May 2014  http://www.knom.org/wp/blog/2014/05/21/wi
1565 Environmental 25/04/2014 Balfour wind farm, Clackmannanshire, Scotland UK "Driven to extinction, reintroduced... Now wind farms threaten sea eagles”. Rare sea eagle reported to have been killed by a wind turbine. A senior RSPB official has called for more care in siting wind turbines.  Reported by Herald Scotland on 25 May 2014  http://www.windaction.org/posts/40544-dr
1566 Human health 26/05/2014 MacArthur wind farm, Moyne County, Australia "Law firm asks Moyne council to act on MacArthur wind farm noise” The request has been made following continued complaints by residents about noise. 20 formal complaints have been received to date. Lawyers have labelled the noise as “a serious risk to public health”.  Reported by The Courier on 26 May 2014  http://www.windaction.org/posts/40551-law-
1567 Blade failure 29/05/2014 Echo wind park, Huron county, Michigan United States GE 1.6 MW "OTE to repair 14 turbines; work set to begin in June; 19 other blades get OK”. Replacement of blades on 14 turbines due to manufacturing defects.  Reported by The Huron Daily Tribune on 29 May 2014  http://www.hurontribune.com/news/local/article_05/2014/06/19/other-blades-get-ok/
1568 Mechanical failure 30/05/2014 Hanover, MA United States "Hanover turbine still not turning". Turbine reported to still be broken following a brake failure in November 2013. Reported by Wicked Daily Hanover on 30 May 2014 http://www.wickeddailyhanover.com/article/2014/05/30/course-hanover-turbine-still-not-turning

1569 Human health 30/05/2014 Oaxaca, Mexico Mexico "Pobladores de Oaxaca se quejan del zumbido de 91.5 decibeles que producen parques eólicos" Residents of Oaxaca complain of windfarm noise at 91.5 decibels.(Article in Spanish) Reported by jornada.unam.mx on 20 February 2014 http://www.jornada.unam.mx/ultimas/2014/02/20/pobladores-de-oaxaca-se-quejan-del-zumbido-de-915-decibeles-que-producen-parques-eolicos


1572 Blade failure 21/06/2014 Horseshoe Bend wind park, Great Falls, Montana United States "Lightning strike melts Cascade County turbine". One of six turbines damaged by a lightning strike. The blade can clearly be seen to be bent over and shattered. Reported by KRTV 3 on 21 June 2014 http://www.krtv.com/news/lightning-strike-melts-cascade-county-wind-turbine

1573 Fire 23/06/2014 Upper Lee wind farm, Cork, Ireland "Turbine fire at Cork wind farm" Forestry and hill scrub had to be doused by members of the Bantry Fire Brigade after a turbine at the Upper Lee Wind Farm caught fire and two of its blades detached, setting light to trees and grass left tinder dry after the hottest day of the year. No one was injured. Reported by The Cork News on 23 June 2014 http://www.corknews.com/2014/06/23/turbine-fire-at-cork-wind-farm

1574 Transport 23/06/2014 Broken Bow II wind farm, Nebraska United States "Broken Bow II components misrouted" A semi carrying a large wind turbine component attempted to make the turn at the Custer County Fairgrounds and became stuck on the tracks because it couldn't make the turn. The train stopped in the intersection. A second semi had trouble just after the first Monday morning. Apparently the permits that have been issued for these semis have them routing through this intersection. Reported by Sandhills Express on 23 June 2014 http://www.sandhillsexpress.com/BuySell/BuySellDetails/tabid/108/ArticleId/13152/Broken-Bow-II-Components-Misrouted.aspx

1575 Fire 24/06/2014 Boyd, Texas United States "Lightning strikes home". A home mounted turbine was struck by lightning and went on fire. The fire was successfully put out by local firecrews. Reported by Wise County Messenger on 24 June 2014 http://www.wcemessenger.com/2014/update/lightning-strikes-home/


1578 Fire 30/06/2014 Cappaboy wind farm, Cork, Ireland Gamesa G58 "Fire at Cappaboy wind farm" Fire reported at the northern Gamesa G85 wind turbine at the Cappaboy wind farm of 10 x 850kW units 2km west of the Pass of Kaimanagh on Thursday 19th June 2014. This destroyed the nacelle and caused two of the three blades to detach. The report states that blazing debris was thrown up to 200m. Reported by The Southern Star on 30 June 2014 http://www.southernstar.ie/News/Fire-at-Cappaboy-windfarm/
Eagles killed by Palm Springs windmills raise concern*. Report states that the US Fish & Wildlife Service estimates 20 eagles per year estimated to be killed by wind turbines in San Gorgonio Pass, out of 120 per year in California. None of the turbine operators have a permit and so all the deaths are illegal. A further article in August acknowledged data errors regarding the San Gorgonio Pass data, however retained concerns over the numbers of eagles killed, which did not change. Reported by The Desert Sun on 3 July 2014 http://www.windaction.org/posts/40765-eagles-killed-by-palm-springs-windmills-raise-concerns

Reported by TV2 East on 3 July 2014 http://www.windaction.org/posts/40792-giant-windmills-close-nursery#.VDTqX_ldV8E

Vibrations shut down EDF turbines*. Turbines reported to have been shut down in January 2014 then switched on/off to determine issues with vibration on the transformer housings. Reported by Windpower Offshore on 4 July 2014 http://www.windpoweroffshore.com/article/130035/vibrations-strike-down-edf-turbines


Prismatic lossess EUR 28m cables at Sealessel carrying the cables for two German offshore windfarms has capsized off the coast of Sardinia, losing its cargo. The crew were uninjured. The loss was estimated at EUR 28 million. Reported by Windpower Offshore on 7 July 2014 http://www.windpoweroffshore.com/article/130255/prysmian-losses-eur-28m-cables-sealiesel

Man flown to hospital after suffering head injury at Barrow offshore wind farm*. Man suffered head injuries on the Neptune barge in the Irish Sea, six miles west of Barrow. He required immediate evacuation to hospital. Vatterfall later confirmed that the man had been carrying out routine maintenance. Reported by North West Evening Mail on 9 July 2014 http://www.windaction.org/posts/40813-2

**Kingston Independence turbine exceeds state’s noise threshold during study** Reported to measure 10 decibels over background during sampling. An abatement order was later served. Reported by Wicked Local Kingston on 10 July 2014 http://www.windaction.org/posts/40787-kingston-independence-turbine-exceeds-state-s-noise-threshold-during-study#.VC6Uf_ldV8E

Windmill in Seehausen abgebrannt  Fire reported in wind turbine near Seehausen in Northern Germany. (In German). This is the second such fire in the area in 9 months. Reported by Schaden Millionenhohe on 14 July 2014 http://www.mz-web.de/mitteldeutschland/schaden-milionenhoe-windrad-in-seehausen-abgebrannt,20641266,27808516.html

Two 21 wind turbines reported to have been struck by lightning the previous week. Both have blade damage. Reported by Associated Press on 14 July 2014 http://www.windaction.org/posts/40812-wind-turbines-struck-by-lightning-banne-4adef7c90d75e6d4d590d377c3b7542d6d4d1677VBE

Windfall in Seehausen abgebrannt Fire reported in wind turbine near Seehausen in Northern Germany. (In German). This is the second such fire in the area in 9 months. Reported by Schaden Millionenhohe on 14 July 2014 http://www.windaction.org/posts/40812-2

Two 130 high turbines not working due to issues with the radar system at East Midlands airport. They have been idle for 7 months. Reported by Derby Telegraph on 15 July 2014 http://www.windaction.org/posts/40818-2 wind-turbines-a-waste-and-a-flop
1589 Transport 15/07/2014 Caledon, Ontario Canada

"Truck hauling turbine parts takes out hydro pole in Caledon Village". Major road closed after a tractor-trailer carrying wind turbine parts struck a hydro pole, bringing it down. The parts were destined for Saskatoon, Saskatchewan.

Reported by Orangeville Banner on 15 July 2014


1590 Transport 16/07/2014 Wick, Caithness, Scotland UK

"Turbine blades cause Wick traffic chaos", and "Turbines bring town to standstill". Traffic in Wick reported to be at a standstill while wind turbine parts for the Stroutperg wind farm were transported through the town. The operation took over a month to complete and brought the town to a standstill for up to an hour most weekdays.

Reported by Press and Journal on 15 July 2014 and John O'Groats Journal on 18 July 2014

https://www.turbine-blades-cause-wick-traffic-chaos/

1591 Miscellaneous 17/07/2014 General UK

"Wind turbine fires 'ten times more common than thought' experts warn". A study backed by Imperial College shows that wind turbines may catch fire ten times more often than is publicly reported, putting nearby properties at risk and casting doubt on their green credentials.

Reported by Daily Telegraph on 17 July 2014

http://www.telegraph.co.uk/earth/energy/windturbine-fires-ten-times-more-common-than-thought-experts-warn/

1592 Environmental 22/07/2014 Ocotillo wind farm, California United States

"Investigation launched into hydraulic oil leaks at Ocotillo Wind Facility". Residents had documented oil leaks from over 40% of turbines at the facility. California EPA has now issued an assayment of violations against operators OWE, with instructions to stop leaks and to remove leaks as they are confirmed.

Reported by East County Magazine on 22 July 2014


1593 Human health 29/07/2014 Lake Winds Energy Plant, Ludington, Michigan United States

"Utility appeals wind turbine noise ruling". Operators Consumers Energy are appealing a court ruling that they are operating the Lake Winds Energy Plant near Ludington in breach of the county's 45 decibel noise ordinance. Residents who became ill after the turbines started operating successfully challenged the noise levels from the site.

Reported by Michigan Capital Confidential on 29 July 2014


1594 Environmental 28/07/2014 Palaunat Forst, Germany Germany

"Developers to clear 850,000 square meters of virgin forests at UNESCO nature reserve to make way for 700-foot turbines". Severe reservations reported about this proposed development on "virgin forest" in an area designated by UNESCO as a natural treasure and biosphere reserve.

Reported by Wind Action and Die Welt on 28 July 2014


1595 Human health 02/08/2014 Hoosac wind turbines, Monroe and Florida, Massachusetts United States

"Study: Monroe Turbines Too Noisy". Testing of turbines at Monroe MA following 58 complaints since startup in Dec 2012 have shown them to be well above agree noise levels. Operators tried to blame ice on the turbine blades.

Reported by The Greenfield Recorder on 2 August 2014

http://www.windaction.org/posts/40934-study-monroe-turbines-too-noisy

1596 Blade failure 08/08/2014 Summerside, Prince Edward Island, VA Canada

"Damaged blade shuts down wind turbine". One of the city's 4 turbines reported to be shut down for over 3 weeks due to a problem with one of its blades. The blade is being replaced.

Reported by The Journal Pioneor on 4 August 2014

http://www.windaction.org/posts/40946-damaged-blade shuts-down-wind-turbine

1597 Ice throw 07/08/2014 General

"Cold-weather operations: why OEMs must avoid icy situations". Article highlights the dangers posed by ice throw from wind farm blades and refers to many YouTube videos showing this phenomenon. An expert acknowledges that "Ice detection sensors still do not work very reliably".

Reported by Wind Energy Update on 7 August 2014


http://hd.welt.de/ausgabe_a/politik/article1302522244/wer-windraeder-saet-wird-sturm-ernten.html


1598 Blade failure 08/08/2014 Huron County, Michigan United States "Lightning strikes again: DTE wind turbines damaged by 'Mother Nature' ". Three further lightning strikes in the past week acknowledged - 17 in total since the facilities started working. Blades on all turbines struck have been or are being replaced. Reported by Huron Daily Tribune on 8 August 2014. [http://www.windaction.org/posts/40985-lightning-strikes-again-dtes-wind-turbines-damaged-by-mother-nature#.VC63aPldV8E]

1599 Human injury 08/08/2014 NextEra Energy Inc site, Grand Meadow, Minnesota United States "Worker injured in crane collapse". A crane operator was injured and airlifted to hospital after his 310 foot high crane collapsed during repair work to wind turbine gear boxes on the NextEra site near Grand Meadow. The sheriff later described him as "one lucky bugger". It appears that an automatic safety shutdown on the crane malfunctioned. Reported by Post Bulletin and Austin Daily Herald on 8 August 2014 and by Post Bulletin on 11 August 2014. [http://www.windaction.org/posts/40989-worker-injured-in-crane-collapse/]


1601 Environmental 13/08/2014 Germany (general) Germany "Wind farm facilities in Germany kill noctule bats from near and far". Article reports on a study which shows that endangered and protected bats are killed at German wind farms. Reported by PLOS ONE on 13 August 2014. [http://www.windaction.org/posts/41006-wind-farm-facilities-in-germany-kill-noctule-bats-from-near-and-far#.VDJMPldV8E]

1602 Transport 14/08/2014 Walney coast, NW England UK "Barrow lifeboat called out after vessel collides with wind turbine off Walney coast". 450 tonne, 40m long support and survey vessel "OMS Pollux" swung into a wind turbine pile, damaging the vessel and causing it to leak oil. Reported by North West Evening Mail on 14 August 2014. [http://www.windaction.org/posts/41007-barrow-lifeboat-called-out-after-vessel-collides-with-wind-turbine-off-walney-coast/]

1603 Environmental 18/08/2014 Spring Valley wind energy project, CA United States "Bat deaths prompt change at wind farm". 969 bats reported to have been killed at this one wind farm during 2013, three times the number allowed under agreement with the federal authorities. Operators are trying to reduce the number of deaths by adjusting the turbine operating times. Reported by Las Vegas Review-Journal on 18 August 2014. [http://www.windaction.org/posts/41009-bat-deaths-prompt-change-at-wind-farm#.VDJz4dV8E]

1604 Human health 18/08/2014 Little Raith wind farm, Lochgelly, Fife, Scotland UK "Turbines are making me ill too, says Teresa". Resident Teresa Glanston claimed to have developed tinnitus and migraines after the Little Raith wind farm, near her home, was switched on. Reported by Sunday Express and The Courier on 17 August 2014. [http://www.windaction.org/posts/41010/turbines-are-making-me-ill-too-says-teresa/] http://www.windaction.org/posts/41011/grandmother-claims-she-is-being-tortured-out-of-her-home-by-fife-windfarm/]

1605 Miscellaneous 19/08/2014 Fairhaven, MA United States "Fairhaven's north turbine off due to synchronising problem". Turbine reported to be shut down following a voltage spike. Reported by South Coast Today on 19 August 2014. [http://www.windaction.org/posts/41012/fairhavens-north-turbine-off-due-to-synchronising-problem/]

1606 Human injury 19/08/2014 Walney coast, NW England UK "Barrow lifeboat called out after vessel collides with wind turbine off Walney coast". 450 tonne, 40m long support and survey vessel "OMS Pollux" swung into a wind turbine pile, damaging the vessel and causing it to leak oil. Reported by North West Evening Mail on 14 August 2014. [http://www.windaction.org/posts/41007-barrow-lifeboat-called-out-after-vessel-collides-with-wind-turbine-off-walney-coast/]
1606 Structural failure 07/09/2014 Various locations UK

"Safety fears after faults found in toppled turbines". Report of HSE investigation into two West Country turbine collapses in 2013 has found poor design, use of inferior materials and a systematic failure to install the turbines properly. Initial reports suggested high winds may have been responsible for the failures but restricted reports by the Healthy and Safety Executive (HSE), obtained under the Freedom of Information Act (FoI), have blamed the way the towers were secured. Specialist inspector Darren Nash concluded that the first generation model of the turbine sited in Cornwall appeared "susceptible to fatigue failure" and said Gaia Wind had found "ten further units with existing defects" out of the company's 70 or 89 turbines.

Endurance Wind Power, makers of the EC120 turbine which fell in Devon, identified a further 29 turbines that might have been affected by a problem with the foundations.

Reported by Western Morning News on 7 September 2014


http://www.westernmorningnews.co.uk/Safety-fears-faults-toppled-turbines/story-22887067-detail/story.html#quC5cfqbsc7YphTD.99

1607 Miscellaneous 07/09/2014 Various locations owned by Veterans Affairs United States

"Leaders. VA wind turbine needs attention". Report that only one of 4 sites across the USA has been successful regarding investment in wind turbines. Veteran's Affairs spent more than $3.7 million on wind turbines in 5 years, with only one turbine successfully generating revenue.

Reported by St. Cloud Times on 7 September 2014

http://www.windaction.org/posts/41178-leaders-va-wind-turbine-needs-attention

http://www.sctimes.com/story/opinion/2014/09/06/view-leaders-va-wind-turbine-needs-attention/15210617/?from=global&sessionKey=&autologin=

1608 Miscellaneous 08/09/2014 Siegel Township wind facility, Huron County, Detroit United States

"County officials explain idle wind turbines". DTE Energy confirmed that a turbine is shut down at its 40-turbine park in Siegel Township, which requires a gearbox replacement.

Reported by Huron Daily Tribune on 9 September 2014

http://www.windaction.org/posts/41188-county-officials-explain-idle-wind-turbines


1609 Blade failure 09/09/2014 Brookfield wind park, Huron County, Detroit United States

"County officials explain idle wind turbines". 31 turbines shut down at Brookfield Wind Park awaiting repairs.

Reported by Huron Daily Tribune on 9 September 2014

http://www.windaction.org/posts/41188-county-officials-explain-idle-wind-turbines


1610 Miscellaneous 12/09/2014 Bard 1 offshore wind farm, Germany Germany

"Flagship German offshore wind farm project humiliated by technical faults". Report describes the wind farm as "a faulty total system". It was started up in August 2013 and turned off almost immediately due to fire risk in converter stations and other technical problems. German taxpayers are estimated to have paid 340 million Euro in the first year for 80 static turbines. This fiasco has brought into question the feasibility of the entire green energy industry. The Bard 1 project was designed to be the global leader in offshore wind design: a model for everyone else to follow. Germany already has amongst the highest energy bills in the world, not helped by the EU’s commitment to carbon reduction measures at the behest of an increasingly hysterical climate change industry, and the rest of Europe fares no better. British and European climate change policies already add an extra ten percent to British householders’ energy bills, at a time when fuel poverty affects one in four people.

Reported by Breitbart News on 12 September 2014


<table>
<thead>
<tr>
<th>ID</th>
<th>Date</th>
<th>Type</th>
<th>Location</th>
<th>Article Summary</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>1611</td>
<td>18/09/14</td>
<td>Miscellaneous</td>
<td>Sweden</td>
<td>&quot;Vattenfall's Yttre Stengrund offshore wind facility decommissioned after 13 years of operation&quot;. Only one of 5 turbines remains operational. Decommissioned early due to high costs required to replace turbines and cables.</td>
<td><a href="http://www.windpoweroffshore.com/article/111904/casey-vattenfalls-yttre-stengrund-decommissioned">Reported by Windpower Offshore on 19 September 2014</a></td>
</tr>
<tr>
<td>1612</td>
<td>21/09/14</td>
<td>Environmental</td>
<td>Australia</td>
<td>&quot;Wind farm turbines take toll on birds of prey&quot;. Australian Ecological Research Services estimate that the MacArthur wind farm kills approx 1500 birds per year, of which 500 are raptors. Finding are based on carcasses found over a 12 month period at 48 of the 140 turbines. Fatalities include those of endangered species.</td>
<td><a href="http://www.windaction.org/posts/41273-wind-farm-turbines-take-toll-on-birds-of-prey">Reported by The Australian on 21 September 2014</a></td>
</tr>
<tr>
<td>1613</td>
<td>24/09/14</td>
<td>Transport</td>
<td>United States</td>
<td>&quot;I-25 now reopened after trailer carrying wind tower jumps median&quot;. A Vestas tractor-trailer pulling part of a wind turbine tower hit and then crossed the median on Interstate 25, closing the highway for over 10 hours. No-one was injured. Two previous similar accidents were also mentioned in the article.</td>
<td><a href="http://www.windaction.org/posts/41285-i-25-now-reopened-after-trailer-carrying-wind-tower-jumps-median">Reported by The Pueblo Chieftain on 24 September 2014</a></td>
</tr>
<tr>
<td>1614</td>
<td>30/09/14</td>
<td>Environmental</td>
<td>United States</td>
<td>&quot;Bats lured to deaths at wind farms because they think turbines are trees&quot;. Report states 600,000 bats were killed by wind turbines in the United States during 2012 alone.</td>
<td><a href="http://www.telegraph.co.uk/earth/energy/windpower/11128513/Bats-lured-to-deaths-at-wind-farms-because-they-think-turbines-are-trees.html">Reported by The Telegraph on 30 September 2014</a></td>
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