

AWEA Operation and Maintenance Working Group

Albuquerque, NM

2007 September 18

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Goal of AWEA O&M Working Group –

Improve wind project productivity

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Strategies

- Use of best available condition monitoring and other equipment and O&M practice
 - Share information through committee activities
 - **O&M Working Group meeting, Wednesday, October 31, Carlsbad, CA**
 - **Asset Management Workshop, 2008 January 17, 18 – San Diego**
- Understand causes and frequency of component failure (Collaboration with Sandia National Laboratories)
 - Field data acquisition system
 - Encourage industry to collaborate with Sandia in their confidential data collection program
 - Participate in analysis and dissemination of component performance analyses

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Strategies

- Work with component and turbine manufacturers to make cost-effective changes in key components to improve project productivity
 - Encourage turbine manufacturers to actively participate in O&M Working Group activities
 - Encourage manufacturers to collaborate with Sandia
- Adopt safe, effective operating procedures
 - Major, parallel program coordinated by AWEA Safety Committee
 - Ultimate goal to publish AWEA Safe Practices Guidelines and a Safety Certification Program
 - **AWEA Safety Conference, 2007 November 08, Atlanta**

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Strategies

- Ensure that the best, most current O&M practices are taught in trade and industry training programs
 - As many as 75,000 new workers in the wind industry by 2030
 - Collaborate with technical training institutions to convey best operation and maintenance practices in training programs
 - Expand technical training programs through work of AWEA Education Committee
 - **Education Committee meeting 2007 November 02, in conjunction with the AWEA Fall Symposium, Carlsbad, CA**

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Opportunities for Participation

- AWEA Operation and Maintenance Working Group
 - Thomas Jonsson, Chair
- AWEA Safety Committee
 - Hal Romanowitz, Gary LeMoine, Scott Meador, Chair, Vice Chairs
- AWEA Education Committee
 - Michelle Montague, Chair

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