

Alameda County APWRA Compliance Reporting

4/23/2008 – P92: Update to P75

Terminology: Blade; Tower; Turbine = blade + motor + tower

Exhibit G-1 Numbering and Language			Compliance Reporting		
Item #	Deadline	Required Action	Quick Reference Name	Status	Notes
YEAR ONE through FOUR – September 2005 to January 2010					
1b	50% removed within 180 days of Permit approval, 100% within 1 year	Removing derelict and non-operating turbines, allowing towers to remain at ends of rows if deemed beneficial as flight diverters by the SRC, and replacing turbines only with SRC approval;		In Progress	<p>Companies reported removal of derelict and non-operating turbines but inconsistency in definition appears to be an on-going issue. The County is working with companies to develop a definition when a vacant turbine becomes derelict.</p> <p>April 2008 Update: The definition has not been formally determined but companies have been removing derelict and non-operating turbines based on some of the criteria identified by the SRC.</p> <p>enXco removed 13 identified towers in March/April 2008; all sites have operating wind turbines</p> <p>AES reports all sites have functioning wind turbines</p> <p>FPLE Partnerships report 32 towers have been removed since Jan 1008; 33 tower sites have full structures in place; 226 tower sites are reported. FPLE will verify the status of the operations on those sites.</p>

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2b	At least annually	The Wind Power Companies, Audubon, and the County shall meet and confer to determine if mutually acceptable mid-course corrections in measures to reduce raptor mortality are appropriate after the SRC evaluates the prior year's monitoring data. Agreed upon mid-course corrections shall be forwarded to the County for consideration pursuant to Condition 5 of the Permit if the measures require permit modifications.		On-going	Settling parties met in October 2007 and are currently in Mediation. April 2008 Update: Settlement Parties met again in January 2008 and Mediation is still on-going.
4b 4b1	10/31/2008	Wind Power Companies shall shut down Tier 3 Applicable Turbines or Applicable Turbines identified pursuant to section 4(b)(2). Tier 3 Applicable Turbines consist of no more than 152 turbines in total, and no more for each Wind Power Company and each Wind Power Company's individual project than the number allocated to each Wind Power Company and each Wind Power Company's individual project for Tier 3 turbines in the Smallwood-Spiegel June 2005 report, confirmed by WEST in July 2005.		In progress with permit modification	Based on SRC's field review, evaluation of high risk turbines, recommendation to remove newly classified 10 to 8 turbines, and the companies' commitment to accelerate the removal of Tier 3 turbines (or an alternative list), the County has granted the removal of 51 turbines rated 9.5 to 10. This permit modification still requires that the remaining number of Tier 3 or alternative classified turbines be removed by 10/31/08. April 2008 Update: enXco has removed 13 of 13 wind turbines that were rated 9.5 and 10 (per P68 rating) in March/April 2008. Note: There are 2 turbines rated 9.5 that were identified by the SRC but are vacant. enXco is having the MT check the discrepancy. AES has removed 2 of 2 wind turbines with a 9.5 and 10 risk rating in March and April 2008. FPLE Partnerships has removed 27 of 27 wind turbines that are rated 10 in March and April 2008. There are 21 of 23 wind turbines rated 9.5 that have been removed. The company states the 2 turbines were repowered turbines (1994 when risk assessment was based on

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					wind swept area). The County is conferring on this issue. In addition, the company removed 18 wind turbines with a risk rating of 9.
Exhibit G-2 Numbering and Language			Compliance Reporting		
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2b	50% removed within 180 days, 100% within one year	<p>Removing derelict and non-operating turbines, allowing towers to remain at ends of rows if deemed beneficial as flight diverters by the SRC, and replacing turbines only with SRC approval;</p> <p><i>SRC Recommendation:</i> Removing derelict and non-operating turbines, removing all end-row lattice towers, allowing non-perching pylons or towers to remain with minimal or no perching capacity on structures or removing the towers or pylons entirely,</p> <p>The SRC's preference is (1) non-perching pylons or towers or (2) removing the towers entirely.</p>	Derelict Turbines	In progress	<p>Companies reported removal of derelict and non-operating turbines but inconsistency in definition appears to be an on-going issue. The County is working with companies to develop a definition when a vacant turbine becomes derelict.</p> <p>April 2008 Update: The definition has not been formally determined but companies have been removing derelict and non-operating turbines based on some of the criteria identified by the SRC. 11 AWI towers have been removed since Nov 2007</p>
2d	Within 180 days	Implement other on-site management measures identified in the CEC-sponsored research, if recommended by the SRC and approved by the Planning Director or the Board of Zoning Adjustments if applicable, including, but not limited to:	Strategies		
2d		3) paint turbine blades according to the Hodos scheme on a trial or larger basis;	Blade Painting	Study under consideration	AWI presented preliminary data from blade painting on 34 turbines. The SRC agreed that AWI should move forward with study to

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					<p>implement additional blade painting. Study plan is under development</p> <p>April 2008 update: AWI has requested exemption from the winter-time shutdown in order to conduct the study. The County supports an SRC recommended study but has not made a decision on the exemption. The action of reopening AWI's permits is delayed until Settlement Party Mediation is finalized.</p>
<u>YEARS TWO & THREE – October 2006 to September 2008</u>					
3	3/31/2007	Permittee shall provide a second annual letter report to the Planning Director regarding additional progress toward repowering of 10 percent of the Permittee's turbines by the end of the fourth year.	Report	Completed	<p>AWI repowering efforts are subject CEQA requirements. The County will begin the EIR development process in May 2008.</p> <p>April 2008 Update: The Monitoring Team will not be developing the scope of work for the EIR RFP. The development will be completed by the County and EIR process will begin by July 2008.</p>