

AGENDA | Wednesday, 9/9/2009, 9:00-11:00 AM PACIFIC (Noon-2:00 in NJ)
Altamont Pass Wind Resource Area Scientific Review Committee
Conference Call

Webinar and Call-In Information

<https://www.gotowebinar.com/join/513468409> to download software and join web meeting

Phone: 1-888-252-9629 Pass Code: 6644540#

Note: All SRC meetings are open to the public.

	Topic	Related Materials & Notes
9:00	Introductions, Ground Rules and Agenda Review	[control] + [click] to access docs
9:10	Go To Meeting Orientation	Please click on the link above and quickly download the software. This will allow you to see the same screen as everyone else.
	Public Comment	
9:20	Preparation for in-Person Meeting	See Workshop Outline (below)
	Public Comment	
10:55	Confirm Next Call Thurs, Sept 17, 9-11 AM Topic: Database Walk-through	
	Public Comment	

SRC Workshop Outline

Developed by Jesse Schwartz & Gina Bartlett for SRC Discussion 9/9/2009

The Scientific Review Committee will be holding a workshop to forge understanding and consensus on the database, analytical procedures and reports. This document outlines the approach to achieve the workshop objectives.

Workshop Objectives

- Understand the database
- Develop consensus on the analytical procedures and reports

Event	Purpose / Topic
Sept. 9, 2009 Conference Call	Organization Provide feedback on the workshop outline & structure Identify requests for data discovery questions; data summaries and subsets, issues & concerns to be addressed on Sept. 17
Sept. 17, 2009 Conference Call	Data Discovery Understand the database and consensus on the database—one set of data for use

	Note: this section will not be repeated on Sept. 22. <i>Participants unable to participate on 9/17/2009 can watch webinar recorded from 9/17/2009.</i>
Sept. 22-24, 2009 In-Person Meeting	Analysis / Calculations Develop consensus on the analytical procedures and reports

Data Discovery

Objective: Understand the data and consensus on the database

Review Materials in Advance: Draft Diagram and Database Description available by 9/11 COB

Deliverables: Webinar Archives the Database Workshop; Revise Database Diagram

Topics

- Turbines
 - We will review the data tables and attributes which describe turbines, groups of turbines, and their status through time. We will evaluate:
 - Turbine, string & plot relationships
 - Operational capacity
 - Turbine meta-data
- Searches
 - We will review the data tables and fields which describe searches. We will evaluate:
 - Search effort
 - Search interval
 - Capacity searched
- Fatalities
 - We will review the data tables and fields which describe fatalities. We will evaluate:
 - Fatalities observed
 - Fatality meta-data
 - Fatality filters

Analysis / Calculations

- Data summaries
 - We will explore the statistical patterns of raw observations of fatalities. We will evaluate fatalities & fatalities per MW by:
 - String & plots

- Seasons & years
- Species & various bird groups
- Adjustments
 - We will explore the adjustments for detection probability. We will adjust groups of fatalities using the results of Smallwood (2007) and those from the American kestrel and Burrowing Owl (KB) study. As test cases we will evaluate the impacts of adopting various adjustment factors for the following groups of fatalities:
 - Diablo winds
 - Shut-down study groups
 - NREL common turbines
- Expansions
 - We will explore the APRWA-wide expansion of fatality results. We will explore the impacts of adopting various expansion approaches including:
 - MW capacity
 - # of turbines
 - Multivariate statistics

Summary of Consensus on Calculations/Analytic Procedures

- Confirm Analytical Models or Scripts
 - Filtering of Raw Data
 - Adjustments
 - Diablo Winds
 - Seasonal Shutdown
 - APWRA-Wide Expansion