

**Altamont Pass Scientific Review Committee
Document List with Reference Numbers**

SRC Reference Numbers

C = Confidential—not to be shared or published on web

P = Products for SRC meetings, etc. (including early monitoring documents up to P11)

R = Reports and Studies

S = Settlement Related

M = Monitoring Documents

Having trouble clicking on links? If you have Adobe Reader 9, take these steps:

1. Open Adobe Reader
2. Go to Edit, Preferences
3. Under the Categories heading on the left, choose Documents
4. Under PDF/A View Mode on the lower right, for View documents in PDF/A mode, choose Never.

C Confidential—not to be published on web

C1_ Injuries to Lindsay Wildlife Hospital

C2_ The Relationship between Golden Eagles & Red-Tailed Hawk Collision Fatalities in APWRA of California to Ground Squirrel Management Practices: 1989-2002, Dec 2003, Prepared for AIC, prepared by Kerlinger and Curry.

C3a/C3b_ Kerlinger and Curry. 1999. Analysis of flight patterns and pathways of golden eagles and red-tailed hawks in relation to wind turbines and topography in the Altamont. Unpublished report to Altamont Infrastructure Company.

P Products for SRC meetings, etc.

[P1 SRC Charter](#)

[P2 SRC September 06 Meeting Highlights](#)

[P3 SRC December 06 Meeting Highlights](#)

P4_ Protocol Year and Data Year Corresponding with Management Actions

[P5 Compliance Reporting Table 2/19/2007](#)

P6_ Power Analysis Simulation Results 1/30/2007

P7_ Field Protocols and Data Sheets

P8_ Monitoring Team Scope

P9_ Monitoring Team Budget

~~P10_ Sample Design on American Kestrels & Burrowing Owls~~ See [M2 Burrowing Owl and American Kestrel Mortality Survey and Scavenger Rate Study Protocols, updated 7/23/2007](#)

P11_ Budget on Sample Design A. Kestrels & B. Owls

[P12 SRC February 2007 Meeting Highlights](#)

[P13 Altamont SRC Agreements \(Compiled for Web Site\)](#)

[P14 Meeting Notes, 2/27/07 Conference Call](#)

[P15 Meeting Notes, 3/13/07 Conference Call](#)

- [P16_Map from Companies on Tiered Turbine Removal & Monitoring](#)
- [P17 Compliance Schedule for G1 for Settling Parties](#)
- [P18 Rivera Memo on Consistency between Exhibit D and the SRC Charter](#)
- [P19 Meeting Notes, 3/19/07 Conference Call](#)
- [P20 Brown Act Reference Guide](#)
- [P21 Bartlett Memo Summarizing SRC Recommended Changes to Exhibit G \(updated 3/6/07\)](#)
- [P22 Verification of Tier 1 & 2 Wind Turbine Shutdowns and Relocations, K Shawn Smallwood, 15 April 2007](#)
- [P23 Kappa test and measure of agreement among three assessments of avian collision risk classifications of wind turbines in Altamont. Analysis by Julie Yee, 29 Nov 2006](#)
- P24_ FPLE Credits for High Risk Turbine Removal:
 - [P24A Partnership – Green Ridge Power, Wind Turbine Removal and Relocation Project, 4-10-07](#)
 - [P24B FPLE Relocation Sites](#)
 - [P24C Species & Date Found](#)
 - [P24D FPLE Turbine Operating Hours 2004 for Derelict List](#)
 - [P24E FPLE Turbine Operating Hours 2002-2004 for Derelict List](#)
 - [P24F FPLE Partnership – Green Ridge Power Wind Turbine Removal and Relocation Project 7-15-2007 \(Update of P24A\)](#)
 - [P24G FPL Energy Letter to Sandra Rivera on Remaining SRC Questions on FPLE Credits 7/15/2007](#)
 - [P24H.1 Email Additional supporting documents referred to in 7-15-07 letter re FPLE credits](#)
 - [P24H.2 Smallwood NWCC Nov 2003](#)
 - [P24H.3 Thelander presentation at FWS meeting 1-28-04](#)
 - [P24H.4 Speigel Altamont NWCC presentation 11-04](#)
 - [P24I.1 Email Additional supporting documents ref'd to in 7-15-07 letter re FPLE credits - 2 of 2](#)
 - [P24I.2 Thelander Expert Letter on Altamont](#)
- [P25 AIC's Actions for Electrocution Prevention](#)
- [P26 New Information Regarding Alameda County SRC Decision of 11 April 2007 to Grant FPLE Credits for Removing and Relocating Wind Turbines in 2004, K. Shawn Smallwood, 23 April 2007](#)
- [P28 \(formerly P25\) SRC Meeting Summary 9-11 April 2007](#)
- [P29 \(formerly P23\) SRC Meeting Notes 4/23/07 Conference Call](#)
- [P30 Memo Compiling SRC Direction to the Monitoring Team](#)
- [P31 SRC Meeting Notes, 5/8/07 Conference Call](#)
- [P32 Smallwood Email on Flights through Turbine Strings for Pylon Study, 5/28/07](#)
- [P33 SRC Meeting Notes 5/29/07 Conference Call](#)
- [P34 SRC Meeting Notes 6-12-07 Conference Call](#)
- [P35 SRC Meeting Notes 7-3-07 Conference Call](#)
- [P36 SRC Meeting Notes 7-10-07 Conference Call](#)
- [P37 SRC Decision Making Worksheet for 7/20/07 Meeting on FPLE Credit Issue](#)
- [P38 AIC Response to Power Output Request, 5/24/2007](#)
- [P39 SRC Meeting Notes 7-20-07 Conference Call](#)

- [P40 SRC Decision on FPLE Credit for Removing High Risk Turbines](#)
- [P41 Smallwood Response to P24 Documents on FPLE Credits, 19 July 2007](#)
- [P42 FPLE Email on Cost Estimate for Pylons, 4 June 2007](#)
- [P43 Smallwood Memo: Opinion of Some SRC Members that the Period over which Post-Management Mortality will be Estimated Remains Undefined, 26 July 2007](#)
- [P44 Smallwood: Effects of Monitoring Duration and Inter-Annual Variability on Precision of Wind-Turbine Causes mortality Estimates in the Altamont Pass Wind Resource Area, California, 26 July 2007](#)
- [P45 Yee Email: Monitoring Period and Using Averages to Measure Reduction, 26 July 2007 \(response to P43 and P44\)](#)
- [P46 Memo on Yee Decision on FPLE Credit, July 2007](#)
- [P47 Black Blade Painting Study Plan, 19 October 2007](#)
- [P48 SRC Meeting Notes 8-17-07 Conference Call](#)
- [P49 SRC Meeting Summary 12-13 Sept 2007](#)
- [P50 SRC Meeting Notes 9-18-07 Conference Call](#)
- [P51 Status and Tier Classifications of AWI Wind Turbines](#)
- [P52_AWI Repowering Progress Report](#)
- [P53 SRC Meeting Summary August 2007](#)
- [P54_Rivera/Alameda County: APWRA Compliance of Removal & Shutdown of Vacant Towers 9/12/07](#)
- [P55 Julie Yee: Proposed Poisson Model for Operating and Non-operating Effect for Turbine-Related Fatalities, 9/3/2007](#)
- [P56 FPLE: Information about "Locking" the Turbine Rotor, 9/11/07](#)
- [P57 Julie Yee: Power analysis to determine sample size for blade painting study, 9/16/07](#)
- [P57b Julie Yee: Calculation of stat power for blade painting, 9/18/07](#)
- [P57c Yee Statistical Power on Blade Painting, 11/12/07](#)
- [P58 Smallwood: Note on Winter Shutdown Effect of Enertech Wind Turbines, 9/14/07](#)
- [P59 SRC Meeting Notes 9-24-07 Conference Call](#)
- [P60 Smallwood: Dissenting Opinion on Recommendation to Approve of the AWI Blade Painting Study, 10/1/07](#)
- [P61_Q and A Session Summary, 10/10/07](#) See S26
- [P62 Estep Comments on AWI Black Blade Draft Study Plan, 11/5/07](#)
- [P63 Smallwood Comments on AWI Black Blade Draft Study Plan, 11/7/07](#)
- [P64 SRC Meeting Notes 10-16-07 Conference Call](#)
- [P65 SRC Meeting Notes 11-7-07 Conference Call](#)
- [P66 SRC Meeting Notes 11-13-07 Conference Call](#)
- [P67 SRC Selection of Dangerous Wind Turbines \(12/11/07\)](#)
- [P68 SRC Hazardous Turbine Rating List](#)
- [P69 SRC Hazardous Rating Scale 2/1/08](#)
- [P70 SRC Hazardous Turbine Relocation Guidelines](#)
- [P71 SRC Meeting Summary 10-12 December 2007](#)
- [P72 SRC Meeting Notes 1-4-08 Conference Call](#)
- [P73 SRC Meeting Notes 12-21-07 Conference Call](#)
- [P74_Management Strategy Summary Review \(meeting working document\)](#)

[P75 Alameda County Compliance Reporting for SRC Feb 2008 Meeting](#)
[P76 Smallwood Mortality Estimates APWRA 2005-2007](#)
[P77 FPLE comments on MT Jan 2008 report](#)
[P78 SRC Meeting Summary Feb 2008](#)
[P79 February 2008 Technical Public Workshop Meeting Highlights](#)
[P80 Yee Statistical Review of 2008 Monitoring Report](#)
[P81 SRC Meeting Plan in 2014-15](#)
[P82 Estep: Regional Raptor Population Data Summary 3-08](#)
[P83 Yee: Comments on Denominator Rp and Double-Counting](#)
[P84 Yee: Example Zero Values](#)
[P85 Yee: Estimating Method in Sept. 2007 Analysis](#)
[P86 SRC Meeting Notes 3-18-08 Conference Call](#)
[P87 Alameda County Compliance Reporting Tier 1 and 2 Turbines 12-1-07](#)
[P88 Smallwood: Relative Abundance of Birds Offsite](#)
[P89 SRC Meeting Notes 3-26-08 Conference Call](#)
[P90 SRC Burrowing Owl Study Plan](#)
[P91 Barclay Burrowing Owl Abstract](#)
[P92 P92 Update Compliance Report April 2008 Meeting](#)
[P93 SRC Meeting Summary 23-24 April 2008](#)
[P94 Yee Burrowing Owl Study Design Sample and Plot Size](#)
[P95 SRC Meeting Notes 4-8-08 Conference Call](#)
[P96 SRC Meeting Notes 5-29-08 Conference Call](#)
[P97 Smallwood Misapplication of Adjustment Terms re Missed Fatalities](#)
[P98 Data Quality Assurance and Control Methods Review](#)
[P99 SRC Work Plan and Milestones](#)
[P100 SRC Document List with Reference Numbers](#)
[P101 Smallwood & Karas APWRA Mortality Restricted to Recent Fatalities](#)
[P102 Smallwood & Neher Wind Turbine-Free Ridgelines](#)
[P103 Smallwood Assessment of SRC Recommendations to Relocate Rated Turbines](#)
[P104 SRC Meeting Summary 8-9 July 2008](#)
[P105 SRC Meeting Notes 7-2-08 Conference Call](#)
[P106 Smallwood Burrowing Owl Carcass Distribution around Wind Turbines](#)
[P107 SRC Comments on July 2008 Monitoring Team Report M21 \(9/2/2008\)](#)
[P108 SRC Meeting Plan in 2009](#)
[P109 AWI Comments on MT July 2008 Report](#)
[P110 SRC Meeting Notes 5-18-09 Conference Call](#)
[P111 SRC Comments on 48-Hour Interval \(KB\) Study M32](#)
[P112 Briefing Memo: Previous SRC Discussions on Seasonal Shutdown Analysis](#)
[P113 SRC Comments on Scavenging Trial Draft Memo M31](#)
[P114 NextEra Response to M32](#)
[P115 SRC Meeting Notes 7-20-09 Conference Call](#)
[P116 SRC Meeting Notes 7-29-09 Conference Call](#)
[P117 Warren-Hicks Summary of Data Analysis Issues \(8-17-09\)](#)
[P118 Yee on Separate Adjustments \(8-17-09\)](#)

[P119 Request from Audubon, County and Settling Party Companies to SRC \(8-18-09\)](#)
[P120 Warren-Hicks Altamont Mortality Model \(9-2-09\)](#)
[P121 Yee Simulations \(9-10-09\)](#)
[P122 CBI APWRA Science Process Update Memo \(9-17-09\)](#)
[P123 Yee PPT Presentation \(9-22-09\)](#)
[P124 Warren-Hicks PPT Presentation \(9-22-09\)](#)
[P125 Stark PPT Presentation \(9-22-09\)](#)
[P126 Alameda County APWRA Compliance Report 9-22-09](#)
[P127 NextEra Outline of Seasonal Shutdown Process SRC 9-23-09 Meeting](#)
[P128 SRC Meeting Summary September 2009](#)
[P129 Smallwood Search Interval Summaries Supplemental to M39 \(10-14-09\)](#)
[P130 SRC Call Notes 8-13-09](#)
[P131 SRC Call Notes 8-20-09](#)
[P132_SRC Call Notes 9-9-09](#)
[P133 SRC Meeting Notes 9-17-09](#)
[P134 AWI Fatalities Report](#)
[P135 Alameda County Memo on AWI Fatalities](#)
[P136 Alameda County Memo on Restoration Bond](#)
[P137 NextEra: Core Turbines Analysis \(10-15-09\)](#)
[P138 Yee October Simulation Update](#)
[P139 SRC Meeting Summary October 2009](#)
[P140 Orloff, Estep, Yee, Burger Suggested Reading for Science Advisers](#)
[P141 Yee Feather Spot Correction Factor Memo](#)
[P142 SRC Call Notes 12-3-09](#)
[P143 Ergas Questions Re MT 12-09 Draft Report](#)
[P144 SRC Comments on 2009 Draft Monitoring Report M21](#)
[P145 Smallwood Fatality Monitoring Results 12-31-09](#)
[P146 Monitoring & SRC Policy Context](#)
[P147 Smallwood Summary of SRC Recommendations and Concerns](#)
[P148 Smallwood Progress of Avian Wildlife Protection Program](#)
[P149 SRC Meeting Summary January 2010](#)
[P150 SRC Field Rating Data Sheet](#)
[P151 SRC Call Notes 2-22-10](#)
[P152 SRC Call Notes 3-1-10](#)
[P153 Smallwood & Estep Additional Hazard Ratings](#)
[P154 Smallwood KB Removal Rates](#)
[P155 Smallwood SRC Turbine Ratings and Status](#)
[P156 Alameda County Adaptive Management Plan Proposal with Attachments](#)
[P157 SRC Meeting Summary April 2010](#)
[P158 Smallwood Response to Memo on Monitoring Costs](#)
[P159 CalWEA Study Letter](#)
[P160 SRC - NCCP Definitions](#)
[P161 Smallwood Assessment of AMPs](#)
[P162 Smallwood & Neher Tres Vaqueros Repowering Siting](#)

[P163 Alameda County Adaptive Management Plan Proposal II](#)
[P164 SRC Call Notes 5-28-10](#)
[P165 NextEra Memo on Audubon-Requested Information](#)
[P166 NextEra Memo on Smallwood AMPs Assessment](#)
[P167 SRC Consensus Recommendations on Adaptive Management Plan Proposal](#)
[P168 SRC Comments on MT Draft Study Plan for Future Monitoring](#)
[P169 SRC Call Notes 6-21-10](#)
[P170 SRC Meeting Summary June 2010](#)
[P171 Smallwood KB Removal Rates Follow-Up](#)
[P172 CalWEA Cover Memo to SRC 6-18-10](#)
[P173 CalWEA Research Plan 6-18-10](#)
[P174 SRC Comments on CalWEA Research Plan](#)
[P175 2010 Federal Wind Turbine Guidelines Advisory Committee Recommendations](#)
[P176 Yee Proposal for Adjusting Baseline](#)
[P177 Smallwood Review of M55](#)
[P178 Smallwood Baseline Fatality Rates at Tres Vaqueros](#)
[P179 SRC Comments on APWRA EIR NOP](#)
[P180 SRC Comments on DIP](#)
[P181 SRC Call Notes 6-29-10](#)
[P182 SRC Meeting Summary July 2010](#)
[P183 SRC Integrated Comments on NOP](#)
[P184 CalWEA Research Plan October 2010](#)
[P185 SRC Call Notes 7-22-10](#)
[P186 CalWEA Pilot Study Summary](#)
[P187 SRC Call Notes 9-28-10](#)
[P188 SRC Call Notes 10-27-10](#)
[P189 Smallwood Report of Avian Fatality Patterns](#)
[P190 Smallwood Review of December 2010 Monitoring Report](#)
[P191 Smallwood Comments on APWRA Monitoring Program Update](#)
[P192a Karas Alameda County APWRA Compliance Summary](#)
[P192b Karas Table 9 Turbine Checked for 12 Months of Unproductive Status](#)
[P193 – NextEra CalWEA Study Area & Monitored Contra Costa Turbines](#)
[P194 SRC Burrowing Owl Behavior Pilot Study Proposal](#)
[P195 SRC BUOW Cost Estimate Sheet](#)
[P196 SRC Meeting Summary December 2010](#)
[P197 SRC Call Notes 1-20-11](#)
[P198 Smallwood Proposal to Sample Burrowing Owls across APWRA](#)
[P199 Yee & Karas QAQC A Detection Probability Exercise](#)
[P200 Smallwood 2-17-11 Presentation on Siting Hazard Model](#)
[P201 SRC Call Notes 2-3-11](#)
[P202 SRC Meeting Summary February 2011](#)
[P203 SRC Revisions to M67 Burrowing Owl Hypotheses](#)
[P204 SRC Call Notes 3-16-11](#)
[P205 Smallwood & Neher Progress on Sampling Burrowing Owls across APWRA](#)

[P206 SRC Call Notes 4-4-11](#)
[P207 Yee Simulations 5-30-11](#)
[P208 SRC Meeting Summary June 2011](#)
[P209 AWI 6-23-11 CUP Handouts](#)
[P210 SRC Study Plan for Burrowing Owl Pilot Behavior Study](#)
[P211 SRC Burrowing Owl Survey Protocols](#)
[P212 SRC Call Notes 7-5-11](#)
[P213 Alameda County Memo to SRC FloDesign enXco Research Project](#)
[P214 FloDesign Avian Validation Plan](#)
[P215 Alameda County Memo on Other Study Options](#)
[P216 Smallwood Proposal for Follow-up Burrowing Owl Distribution and Abundance Research](#)
[P217 SRC Meeting Summary July 2011](#)
[P218 enXco 7-21-11 Presentation on Patterson Pass](#)
[P219 FloDesign 7-21-11 Presentation on Avian Safety Validation Project](#)
[P220 Yee QAQC Study Power Analysis](#)
[P221 SRC Call Notes 8-11-11](#)
[P222 Yee More QAQC Simulation Analyses](#)
[P223 Smallwood FloDesign Study Design](#)
[P224 Summary of SRC Milestones June 2010-11](#)
[P225 Alameda County - SRC Guidance on AWI 2011-2012 Seasonal Shutdown Waiver](#)
[P226 SRC Meeting Summary September 2011](#)
[P227 Orloff Weather Presentation September 2011](#)
[P228 Smallwood et al for NextEra Burrowing Owl Distribution and Abundance Study](#)
[P229 Smallwood et al Progress Monitoring Burrowing Owl Burrow Use](#)
[P230 SRC Call Notes 12-13-11](#)
[P231 Smallwood APWRA Bird Use Data 2005-2011](#)
[P232 Smallwood et al Winter Owl Survey Update](#)
[P233 Karas 2011 Compliance Report](#)
[P234 Yee Simulations Using K-N Method](#)
[P235 SRC Meeting Summary February 2012](#)
[P236 Yee Altamont Detection Probability Estimate Using QAQC](#)
[P237 SRC Call Notes 4-12-12](#)
[P238 Smallwood FloDesign Draft Study Design April 2012](#)
[P239 Alameda County Memo re APWRA Solar](#)
[P240 Yee QA/QC Analytical Methods Update](#)
[P241 CEC PIER 2012 Grant Notification](#)
[P242 SRC Meeting Summary May 2012](#)
[P243 SRC Comments on Draft 2010-11 Bird Year Monitoring Report M87](#)
[P244 SRC Call Notes 6-27-12](#)
[P245 Smallwood et al Burrowing Owl Density 2012 Report](#)
[P246 Smallwood FloDesign Detection Trial Protocol](#)
[P247 AWI Request for Winter Shutdown Exemption for 3 Turbines](#)
[P248 SRC Call Notes 7-12-12](#)
[P249 Alameda County Memo and AWI Report on AWI Exemption Request](#)

[P250 Alameda County Memo on FloDesign Detection Trial Expansion](#)
[P251 SRC Call Notes 9-21-12](#)
[P252 AWI Request Withdrawal](#)
[P253 Alameda County Memo on 8.0 HRT Removals](#)
[P254 SRC Call Notes 11-19-12](#)
[P255 Center Background Memo on 50% Determination](#)
[P256 EDF 8.0 HRT Credit Request Letter](#)
[P256a EDF Turbine Overview Map](#)
[P256b EDF Turbine Map Patterson Pass](#)
[P256c EDF Turbine Table](#)
[P257 Subcom and MT Tables of EDF Turbines](#)
[P258 SRC Meeting Summary December 2012](#)
[P259 SRC Call Notes 1-16-13](#)
[P260 Planning Director Determination 50pct 2013 Final](#)
[P261 Planning Director Determination HRT 2013 Final](#)
[P262 AWI CUP Mods NOA](#)
[P263 AWI CUP Mods DEIR](#)
[P264 Alameda County Memo on Questions for AWI DEIR Review](#)
[P265 Yee Seasonal Shutdown Model Description](#)
[P266 SRC Comments on AWI DEIR](#)
[P267 ICF AWI DEIR Presentation Slides](#)
[P268 Smallwood Inter-Annual Comparison of Fatality Rates 1999-2012](#)
[P269 SRC Meeting Summary March 2013](#)
[P270 SRC Responses to Gosselin Questions on AWI DEIR](#)
[P271 USGS Golden Eagle Information Brief](#)
[P272 SRC Meeting Summary August 2013](#)
[P273 Forebay Wind Decommissioned Turbines](#)
[P274 Ventus Vasco Winds 2012-13 Avian Bat Monitoring Report Year 1](#)
[P275 Sand Hill Wind Notice of Availability of Draft Environmental Impact Report](#)
[P276 Sand Hill Wind Draft Environmental Impact Report](#)
[P277 Alameda County Memo SRC Guidance on Sand Hill DEIR 2013](#)
[P278 Smallwood First Annual Report of Turbine Experiment Forebay](#)
[P279 SRC Comments on Sand Hill DEIR](#)
[P280 SRC Call Notes 11-22-13](#)
[P281 Estep Regional Raptor Data Comparison 2005-2011](#)
[P282 Alameda County Memo on 2014-15 Monitoring Program](#)
[P283 Karas CalWEA Presentation](#)
[P284 Smallwood Data Needed in Support of Repowering in the Altamont Pass WRA](#)
[P285 Alameda County Memo on Questions for Repowering DPEIR Review](#)
[P286 Alameda County Memo on 2014-15 Special Study](#)
[P287 Draft Repowering Program Environmental Impact Report](#)
[P288 ICF DPEIR Presentation Slides](#)
[P289 SRC Comments on Draft Repowering Program EIR](#)
[P290 SRC Meeting Summary February 2014](#)

[P291 SRC Meeting Summary June 2014](#)
[P292 SRC Call Notes 7-9-14](#)
[P293 Status Update on Background Mortality Study](#)
[P294 CA Attorney General AWI NOP Letter](#)
[P295 Draft AWI Extension Supplemental EIR](#)
[P296 Alameda County Memo on Questions for AWI Permit Extension SEIR Review](#)
[P297 SRC Comments on Draft AWI Permit Extension Supplemental EIR](#)
[P298 USGS Leslie New Altamont Data and Models Summary](#)
[P299 Power Engineers AWI DSEIR Presentation 12-11-14](#)
[P300 AWI Response to California Attorney General AWI NOP Letter](#)
[P301 SRC Call Notes 12-11-14](#)
[P302 Smallwood Altamont Research Highlights 2011-2015](#)
[P303 SRC Meeting Summary July 2015](#)
[P304 SRC Comments on Draft Final APWRA 2005-2013 Bird Year Monitoring Report](#)
[P305_SRC Meeting Summary November 2015](#)

S Settlement-Related Documents

[S1 Final Settlement Agreement](#)
~~[S2 Modifications to the Settlement Agreement \(no longer valid since changes incorporated\)](#)~~
[S3 Final Planning Agreement](#)
[S4 Revised Conditional Use Permits Exhibit G-1 for Settling Parties](#)
[S5 Smallwood on Proposed Settlement](#)
[S6 Golden Gate Audubon Response to Smallwood](#)
[S7 Center for Biological Diversity Letter to Board on Settlement](#)
[S8 Key Settlement Agreement Provisions](#)
[S9 Settlement Framework](#)
[S10 Exhibit G-2, Updated Conditional Use Permits for Non-Settling Parties](#)
[S11 Q&A on the Settlement, the SRC and Permits](#)
[S12 Discussion Questions on the Settlement for Feb. 5, 2007](#)
[S13 Questions for Settling Parties Response—Follow-Up to Feb 5 SRC Meeting](#)
[S14 Attorney General Concerns Regarding the Baseline... \(3/1/07\)](#)
[S15 Smallwood Estimated Effects of Proposed Measures to be Applied to 2500 Wind Turbines \(3/8/07\)](#)
[S16 Smallwood's Replies to the Parties' Response to Queries from the SRC and the...Attorney General \(3/9/07\)](#)
[S17 Yee Comments 3-12-07 on S16 Smallwood Replies to Parties Responses](#)
[S18 Burger Comments on S16 Smallwood Replies to Parties Responses](#)
[S19 Smallwood Estimated Effects of Full Winter Shutdown and Removal of Tier 1 & 2 Turbines \(3/19/07\)](#)
[S20 SRC Replies to the Parties' Response to SRC Queries and to Comments for the CA Office of the Attorney General, 3 April 2007](#)
[S21 Settlement Parties Questions for the SRC 10-2-07 \(4-Month Winter Shutdown\)](#)
[S22 Audubon Questions for SRC 10-2-07 \(4-Month Winter Shutdown\)](#)

- [S23 Smallwood's Answers to Audubon's Queries 10-6-07 \(4-Month Winter Shutdown\)](#)
- [S24 Yee and Burger Responses to Questions to SRC 10-9-07](#)
- [S25 Estep Responses to Questions to SRC 10-10-07](#)
- [S26 Summary: Question and Answer Session between Settling Parties and the Altamont SRC 10-10-07](#)
- [S27 Wind Companies Letter on Mid-Course Corrections 10-25-07](#)
- [S28 Alameda County Memo on Modification of Seasonal Shutdown Requirement 10-26-07](#)
- [S29 Agreement to Terminate Mediation 10-2008](#)
- [S30 2010 Attorney's General Official APWRA Settlement Agreement](#)
- [S31 Mueller Presentation on APWRA Repowering Agreement](#)
- [S32 Exhibit G-1 Addendum Adaptive Management Plan Adopted 03-10-11](#)
- [S33 East County Board of Zoning Adjustments Resolution 03-10-11](#)

M Monitoring Protocols & Data

- [M1 Altamont Pass Wind Resource Area Bird and Bat Mortality Monitoring Protocols, 7/11/2007](#)
- [M2 Burrowing Owl and American Kestrel Mortality Survey and Scavenger Rate Study Protocols, updated 7/23/2007](#)
- [M11 Determination of Cause of Death](#)
- [M12_ Table 1 – Preliminary Analysis of the Potential Effect of Seasonal Shutdown on Red-Tailed Hawk Fatalities](#)
- [M13 Table 7—Updated Seasonal Shutdown Analyses, 9/10/07](#)
- [M. 21 M14 Wally Erickson, Draft Avian Use Survey Results, 9/12/2007](#)
- [M15 Brian Karas, Winter Shutdown Tables, 9/12/2007](#)
- [M16 Julie Yee, Winter Shutdown Data Analysis](#)
 - [M16z: Overview of M16 Documents](#)
 - [M16a](#)
 - [M16b](#)
 - [M16c: Winter Shutdown Lockdown Effect](#)
 - [M16d](#)
 - [M16e](#)
 - [M16f](#)
- [M17_ Brian Karas, American Kestrel & Burrowing Owl Project Update, 9/12/2007](#)
- [M18 MT Kestrel Burrowing Owl Preliminary Report-1, 10/2/2007](#)
- [M19 MT Kestrel Burrowing Owl Table Follow-Ups, 10/2/2007](#)
- [M20 MT Winter Shutdown Effects on Red-Tailed Hawks, 10/15/07](#)
- [M21 Monitoring Report](#)
- [M22 Altamont Pass 2005-2007 Bird Fatality Study Presentation Slides, 2/12/08](#)
- [M23 Altamont Statistics Comments, 3/22/08](#)
- [M24 Karas Life of a Carcass and Other Musings](#)
- [M25 Decision Tree for Cause of Death Filter](#)
- [M26 Decision Tree for Altamont Bird Fatality Data Filtering](#)

[M27 Decision Tree for Back-Dating Records](#)
[M28 Use of Thermal Imaging Camera](#)
[M29 Altamont Progress Report July 2008 Presentation Slides, 7/8/08](#)
[M30 2008 Bird Fatality Report Executive Summary](#)
[M31 Carcass Removal/Scavenging Trial Draft Memo, 10/16/08](#)
[M32 APWRA Draft 48-Hour Search Interval \(KB\) Study, June 2009](#)
[M33 6-26-09 SRC Subcommittee Meeting Notes](#)
[M34 7-24-09 SRC Subcommittee Meeting Notes](#)
[M35 Scavenger Removal Rate Question Memo](#)
[M36 8-17-09 SRC Subcommittee Meeting Notes](#)
[M37 Fatalities Table Data Dictionary \(12-7-09\)](#)
[M38 Altamont Database Technical Reference](#)
[M39 APWRA String Characteristics Memo](#)
[M40 October 2009 Data Analyses Presentation](#)
[M41 Subcommittee Notes 11-04-2009](#)
[M42 Seasonal Shutdown Data Dictionary](#)
[M43 Seasonal Shutdown Fatalities Data Dictionary](#)
[M44 Seasonal Shutdown String Percentage of Month Data Dictionary](#)
[M45 Summary of Data Updates](#)
[M46 MT Response to Ergas Questions 1-11-10](#)
[M47 Fatalities Additional Parts Data Dictionary](#)
[M48 Jan. 2010 Draft Final Report Presentation](#)
[M49 Small Bird Scavenging Data 3-1-10](#)
[M50 KB Data Memo 3-1-10](#)
[M51 APWRA Hazardous Turbine Ratings](#)
[M52 Future Monitoring Scope and Costs](#)
[M53 Draft Study Plan for Future Monitoring](#)
[M53V2 Second Draft Study Plan for Future Monitoring](#)
[M54 Current Study Bird Use and Behavior Memo](#)
[M55 New Baseline Memo](#)
[M56x APWRA Database Revisions Memo](#)
[M56 Altamont Pass Bird Fatality July 2010 Presentation Slides](#)
[M57 Turbines Data Review Memo](#)
[M58 Turbines Public Review](#)
[M59 Subcommittee Notes 10-04-10](#)
[M60 CalWEA Study Memo](#)
[M61 2010 Q1 Monitoring Memo](#)
[M62 Budget for Other Studies Memo](#)
[M63 Altamont Pass Bird Fatality December 2010 Presentation Slides](#)
[M64 2009-10 Preliminary Data December 2010 Presentation Slides](#)
[M65 New Monitoring Program December 2010 Presentation Slides](#)
[M66 Monitoring Report SRC Comment Table](#)
[M67 Burrowing Owl Mortality Hypotheses](#)
[M68 Burrowing Owl Patterns Feb 2011 Presentation Slides](#)

[M69 QAQC Q1 Prelim Results Feb 2011 Presentation Slides](#)
[M70 Burrowing Owl Distribution and Abundance 3-3-11 Subcommittee Meeting Results](#)
[M71 Analysis of Burrowing Owl Fatalities](#)
[M72 Detection Probability Simulation Call Notes 03-08-11](#)
[M73 2005-09 Monitoring Report](#)
[M74 HRT Strings of Interest Selection 2011](#)
[M75 Table 1 HRT Strings of Interest Status 1](#)
[M76 Table 2 HRT Strings of Interest Status 2](#)
[M77 Table 3 HRT Strings of Interest Status 3](#)
[M78 Monitoring Report June 2011 Presentation Slides](#)
[M79 Karas 2011 Seasonal Shutdown Review](#)
[M80 QAQC Study Preliminary Report](#)
[M81 QAQC Study Interim Report 7-21-11 Presentation Slides](#)
[M82 Altamont Monitoring Report September 2011 Presentation Slides](#)
[M83 Small Raptor Probability of Removal Analyses](#)
[M84 2011 Bird Year DIP Distribution Memo](#)
[M85 2011 Bird Year DIP](#)
[M86 APWRA Q4 Update Dec 2011 Presentation Slides](#)
[M87 2010-11 APWRA Final Bird Fatality Report](#)
[M88 February 2012 Presentation Slides](#)
[M89 Memo on Future Monitoring](#)
[M90 May 2012 Presentation Slides](#)
[M91 Subcommittee Memo on Avian Use & Behavior](#)
[M92 Revised Avian Use & Behavior Protocol Memo](#)
[M93 2012 Bird Year DIP Distribution Memo](#)
[M94 December 2012 Presentation Slides \[PowerPoint download\]](#)
[M95 Evaluation of 2010 Bird Year Rotating Panel on Fatality Rate Changes](#)
[M96 APWRA 2005-2011 Bird Fatality Report](#)
[M97 March 2013 Presentation Slides](#)
[M98 MT Database Rectification Completion Memo](#)
[M99 Analysis Subcommittee Memo](#)
[M100 August 2013 Presentation Slides](#)
[M101 APWRA 2005-2012 Bird Fatality Report](#)
[M102 Memo on 2014-15 Monitoring Program](#)
[M103 February 2014 Presentation Slides](#)
[M104 June 2014 Presentation Slides](#)
[M105 Background Mortality Draft Study Plan](#)
[M106 July 2015 Presentation Slides](#)
[M107 APWRA 2005-2013 Bird Fatality Report](#)
[M108 November 2015 Presentation Slides](#)
[M109 MT Responses to SRC Comments on Draft M107](#)

R Reports & Studies

[See the Reference Library Page and Search by Number or Author](#)

R1_Assessment to Support an Adaptive Management Plan for the APWRA

Dated: January 19, 2005

Smallwood & Spiegel: California Energy Commission

R2_Developing Methods to Reduce Bird Mortality in the Altamont Pass Wind Resource Area -
PIER Final Project Report

Dated: August, 2004

Smallwood & Thelander: BioResource Consultants

Prepared for CEC

R3_Bird Mortality at the Altamont Pass Wind Resource Area, March 1998 – September 2001

Dated: August 2005

Smallwood & Thelander: BioResource Consultants

Prepared for NREL

R4_Bird Risk Behaviors and Fatalities at the Altamont Pass Wind Resource Area - Period of
Performance: March 1998 – December 2000

Dated: December, 2003

Thelander, Smallwood, Ruge: BioResource Consultants

Prepared for NREL

R5_The Response of Red-tailed Hawks and Golden Eagles to Topographical Features, Weather,
and Abundance of a Dominant Prey Species at the Altamont Pass Wind Resource Area,
California - April 1999 – December 2000

Dated: June 2002

California State University, Sacramento: S. Hover

Prepared for NREL

R6_Minimization of Motion Smear: Reducing Avian Collisions with Wind Turbines - Period of
Performance: July 12, 1999 – August 31, 2002

Dated: August 2003

University of Maryland: W Hodos

Prepared for NREL

R7_Avian Collisions with Wind Turbines: A Summary of Existing Studies and Comparisons to
Other Sources of Avian Collision Mortality in the United States

Dated: August 2001

Erickson, Johnson, Strickland, Young, Sernka, Good: WEST Inc.

R8_Repowering the APWRA: Forecasting and Minimizing Avian Mortality Without Significant
Loss of Power Generation

Dated: December 2004

Smallwood, Neher

Prepared for CEC

R9_A Mathematical Model of Bird Collisions with Wind Turbine Rotors
Department of Zoology, Duke University: V.A. Tucker

R10_Population Level Survey of Golden Eagles (*Aquila chrysaetos*) in the Western United States
Dated: August 30, 2004
Good, Nielson, Sawuer, McDonald: WEST
Prepared for USF&WS

R11_State of California Energy Resources Conservation and Development Commission
In the Matter of: Preparation of the 2005 Integrated Energy Policy Report (Energy Report) -
Reply Comments of California Wind Companies on the Committee Workshop of June 27-28,
2005

R12_Alternative Plan to Implement Mitigation Measures in APWRA
Shawn Smallwood

R13_Combining Biology-Based and Policy-Based Tiers of Priority for Determining Wind Turbine
Relocation/Shutdown to reduce bird fatalities in the APWR
Dated: June 1, 2005
Smallwood & Spiegel: CEC

R14_Partial Re-assessment of an Adaptive Management Plan for the APWRA: Accounting for
Turbine Size
Dated: March 25, 2005
Smallwood & Spiegel: California Energy Commission

R15_CEC's response to WEST's 07/07/04 "Comments on CEC Report" (August 2004)
Dated: July 16, 2005
Linda Spiegel: California Energy Commission

R16_Golden Eagles in a Perilous Landscape: Predicting the Effects of Mitigation for Wind
Turbine Blade-Strike Mortality
Dated: July 2002
Grainger Hunt, UCSC
Prepared for CEC

R17_WIND POWER Impacts on Wildlife and Government Responsibilities for Regulating
Development and Protecting Wildlife
Dated: September 2005
United States Government Accountability Office

R18_Assessment of Avian Mortality from Collisions and Electrocutions
Dated: June 2005

Dorin & Spiegel, CEC Staff

R19_Synthesis and Comparison of Baseline Avian and Bat Use, Raptor Nesting and Mortality Information from Proposed and Existing Wind Developments

Dated: December 2002

Erickson, Johnson, Young, Strickland, Good, Bourassa, Bay and Sernka – WEST, Inc.

Prepared for Bonneville Power Administration

R20_Comparison of Avian Responses to UV-Light-Reflective Paint on Wind Turbines, Subcontract Report July 1999 – December 2000

Dated: January 2003

Young, Erickson, Strickland, Good, and Sernka – WEST, Inc.

Prepared for NREL

R21_Avian Collision and Electrocutation Risk Reduction Adaptive Management Plan for the Altamont Pass Wind Resource Area

Dated: August 2005

Erickson and Strickland – WEST, Inc.

R22_Reduction of Motion Smear to Reduce Avian Collisions with Wind Turbines

Dated: Unknown

Hodos, Potocki, Storm and Gaffney – University of Maryland

R23_Raptor Acuity and Wind Turbine Blade Conspicuity

Dated: May 2001

Hugh McIsaac – Boise State University

Proceedings of the National Avian-Wind Power Planning Meeting IV, Carmel, CA May 16-17, 2000

R24_An Evaluation of the Impact of the Alameda County/Land Owner Ground Squirrel Management Program on Squirrel Abundance, Raptor Use, and Raptor Fatalities: A Status Report

Dated: June 1999

Curry & Kerlinger

Prepared for Altamont Infrastructure Company

R25_The Influence of High Ground Squirrel Densities on the Occurrence of Golden Eagles on Altamont Ownership Consortium Property

Dated: November 25, 1997

Hunt and Culp – UCSC

Prepared for the Altamont Ownership Consortium

R26_Diablo Winds Turbine Siting Compliance Report

Dated: September 29, 2004

WEST

Submitted to Alameda County

R27_ Extension Conditional Use Permits with Attachments
Issued by Alameda County, September 22, 2005

R28_ Diablo Winds Repowering Conditional Use Permit
Issued by Alameda County, September 25, 2003

R29_ Draft Sample Design, Field Methods, and Statistical Methods for APWRA Management
Plan Research and Monitoring
Dated: November 2005
Prepared by WEST

R30_ Wind turbine effects on avian activity, habitat use, and mortality in Altamont Pass and
Solano County Wind Resource Areas.
Dated: 1992
Prepared by Orloff and Flannery. Prepared for California Energy Commission.

R31_ A continued examination of avian mortality in the Altamont Pass Wind Resource Area.
Orloff and Flannery. 1996. Prepared for the California Energy Commission.

R32_ Nov 2003. [How is Biological Significance Determined?](#) National Wind Coordinating
Committee Meeting Summary

R33_ Diablo Winds Wildlife Monitoring Progress Report, March 2005 – Feb 2006
Date: April 2006. Prepared by WEST, Inc.

R34_ Biological Effects of Repowering a Portion of the Altamont Pass Wind Resource Area,
California: The Diablo Winds Energy Project. Date: 27 July 2006. Prepared by: K. Shawn
Smallwood.

R35_ Interim Summary on the Effectiveness of the Winter Period Turbine Shutdown. Prepared
by the Monitoring Team, 8 April 2007

R37_ Rock Piles in the APWRA, Prepared by AIC, 10 April 2007

R38_ Uncertainty and Spatial Linear Models for Ecological Data
Dated:
Author: Jay M. Ver Hoef, Noel Cressie, Robert N. Fisher, and Ted J. Case

R39_ Distribution and density of moose in relation to landscape characteristics: effects of scale
Dated: 2005

Author: Julie A.K. Maier, Jay M Ver Hoef, A. David McGuire, R. Terry Bowyer, Lisa Saperstein, and Hilmar A. Maier

Prepared for: Can. J. For. Res. 35: 2233-2243

R40_Sampling and geostatistics for spatial data

Dated: 2002

Author: Jay Ver Hoef

Prepared for: Ecoscience 9 (2): 152-151

R41_Predicting Finite Populations from Spatially Correlated Data

Dated:

Author: Jay M. Ver Hoef

R42_Bats Avoid Radar Installations: Could Electromagnetic Fields Deter Bats from Colliding with Wind Turbines?

Authored By: Nicholls, Racey,

Date: 2007-03-14

R43_The Trend of Golden Eagle Territory Occupancy in the Vicinity of the Altamont Pass Wind Resource Area: 2005 Study.

Authored By: Hunt, Hunt

Published By: California Energy Commission

Date: 2006-06-00

R44_Variation in bat and bird fatalities at wind energy facilities: assessing the effects of rotor size and tower height

Authored By: Barclay, Baerwald, Gruver

Published By:

Date: 2007-03-28

R45_ Altamont Avian Plan: Status Report to the US Fish and Wildlife Service

Authored By: Curry, Kerlinger

Published By: The Consortium of Altamont Owners

Date: 1997-12-00

R46_Avian/Wind Statistical Peer Review Project

Authored By: California Institute for Energy and Environment

Published By: California Energy Commission

Date: 2006-12-00

R47_ Nocturnal Bird Migration Over an Appalachian Ridge at a Proposed Wind Power Project

Authored By: Cooper, Mabee, Plissner, Young

Published By:

Date: 2006-00-00

R48_ Burrowing Owls

Authored By: Jim Castle

Published By: Master's Thesis

Date: yyyy-mm-dd

R49_ Wind Energy Development and Wildlife Conservation: Challenges and Opportunities

Authored By: Ballard, Boydston, Brennan, Bryant, Kuvlesky, Morrison

Published By: The Journal of Wildlife Management

Date: 2007

R50_ Estimating Wind Turbine-Caused Bird Mortality

Authored By: K. Shawn Smallwood

Published By: The Journal of Wildlife Management

Date: 2007

R51_ Bird Mortality in the Altamont Pass

Authored By: Smallwood, Thelander

Published By: The Journal of Wildlife Management

Date: 2008

R52_ Avian Mitigation Plan: Kenetech Model Wind Turbines, Altamont Pass WRA, California

Authored By: Curry, Kerlinger

Published By: National Avian-Wind Power Planning Meeting III

Date: 1998

R53_ Assessing Impacts of Wind-Energy Development on Nocturnally Active Birds and Bats: A Guidance Document

Authored By: Kunz, Arnett, Cooper, Erickson, Larkin, Mabee, Morrison, Strickland, Szewczak

Published By: The Journal of Wildlife Management

Date: 2007

R54_ Mating Behavior as a Possible Cause of Bat Fatalities at Wind Turbines

Authored By: Paul M. Cryan

Published By: The Journal of Wildlife Management

Date: 2008

R55_ Behavioral Responses of Bats to Operating Wind Turbines

Authored By: Horn, Arnett, Kunz

Published By: The Journal of Wildlife Management

Date: 2008

R56_ A Bibliography of Bat Interactions with Wind Turbines

Authored By: Johnson, Arnett

Published By:
Date: 2004-06-01

R57_BWEC Report 2004-2007
Authored By: Arnett
Published By: BWEC
Date: 2007

R58_ A Roadmap for PIER Research on Avian Collisions with Wind Turbines in California
Authored By: Sterner
Published By: California Energy Commission
Date: 2002-12-00

R59_2008/2009 Annual Report for the Buena Vista Avian and Bat Monitoring Project
Authored By: Insignia Environmental
Published By:
Date: 2009-09-04

R60_ Map-Based Repowering and Reorganization of a Wind Resource Area to Minimize
Burrowing Owl and Other Bird Fatalities
Authored By: Smallwood, Neher, Bell
Published By: Energies
Date: 2009-10-23

R61_ Range Management Practices to Reduce Wind Turbine Impacts on Burrowing Owls and
Other Raptors in the Altamont Pass Wind Resource Area, California
Authored By: East Bay Regional Park District
Published By: California Energy Commission
Date: 2009-10

R62_ Wind Performance Report Summary 2000-2001
Authored By: California Energy Commission
Published By: California Energy Commission
Date: 2002-12

R63_ Wind Performance Report Summary 2002-2003
Authored By: California Energy Commission
Published By: California Energy Commission
Date: 2006-06

R64_ Avian Mortality at Rotor Swept Area Equivalent Altamont Pass and Montezuma Hills,
California
Authored By: Howell
Published By: Judd Howell & Associates

Date: 1997-01-31

R65_ Assessment of Avian Use and Mortality Related to Wind Turbine Operations, Altamont Pass

Authored By: Howell, DiDonato

Published By:

Date: 1991-11-07

R66_ A new method to determine bird and bat fatality at wind energy turbines from carcass searches.

Authored By: Korner-Nievergelt, Korner-Nievergelt, Behr, Niermann, Brinkmann, Hellriegel

Published By: Wildlife Biology

Date: 2011

R67 California Guidelines for Reducing Impacts to Birds and Bats from Wind Energy Development

Authored by: California Energy Commission

Date: 2007-10

R68_ Long-Term Trends in Fatality Rates of Birds and Bats in the Altamont Pass Wind Resource Area, California

Authored By: Smallwood, Shawn

Published By: Smallwood

Date: 2013-06-15

R69_ Improving Methods for Estimating Fatality of Birds and Bats at Wind Energy Facilities

Authored By: Warren-Hicks, Newman, Wolpert, Karas, Tran (on behalf of California Wind Energy Association)

Published By: California Energy Commission

Date: 2013