

<b>DOCKET</b>	
<b>08-AFC-5</b>	
<b>DATE</b>	<u>MAY 20 2010</u>
<b>RECD.</b>	<u>MAY 20 2010</u>

**From:** Raoul Renaud  
**To:** allanori@comcast.net; almamaghani@aol.com; Angela\_Leiba@urscorp.com  
**Date:** 5/20/2010 8:56 AM  
**Subject:** Imperial Valley Solar Agenda, Exhibit List, and Witness List  
**Attachments:** EVIDENTIARY HEARING AGENDA.doc; Exhibit List.doc; Witness-Topic List.doc

To all parties: We have prepared an Agenda, and compiled an Exhibit list and a Witness List incorporating the information you provided us. These documents are attached for your use during the hearings.

Raoul A. Renaud  
Hearing Adviser II  
California Energy Commission  
1516 9th Street  
Sacramento, CA 95814  
(916)651-2020

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**IMPERIAL VALLEY SOLAR PROJECT  
(DOCKET No. 08-AFC-5)**

**EVIDENTIARY HEARING**

*MAY 24 – 25, 2010*

**AGENDA**

**Monday, May 24**

**10-10:30 a.m. Call to order and instructions**

**10:30-1:00 p.m. Evidentiary presentations**

**1:00-2:00 p.m. Lunch break**

**2-5:00 p.m. Evidentiary presentations**

**5:30 p.m. Public comment period**

1. Call to order:
  - a. Opening remarks from Commissioners Byron and Eggert
  - b. Introductions of parties and government officials
  
2. General instructions from Hearing Officer Renaud:
  - a. Order of presentations: Applicant, Staff, CURE, Budlong, CNPS, Alimamaghani
  - b. Testimony under oath
  - c. Procedures for introducing evidence and testimony
  - d. Procedures for establishing expert witness qualifications
  - e. Procedures for cross-examination
  - f. Rules of evidence: what is evidence?
  - g. Review of witness and exhibit lists
  - h. Use of microphones mandatory
  - i. Transcript
  - j. Public Adviser<sup>1</sup>

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<sup>1</sup> For further information on evidentiary hearings, see Energy Commission Public Advisor Jennifer Jennings, and refer to "PUBLIC PARTICIPATION IN THE SITING PROCESS: PRACTICE AND PROCEDURE GUIDE" <http://www.energy.ca.gov/2006publications/CEC-700-2006-002/CEC-700-2006-002.PDF>

3. Evidentiary Presentations:

- a. Uncontested topics
  - i. Executive Summary and Project Description
  - ii. Facility Design
  - iii. Power Plant Efficiency
  - iv. Transmission System Engineering
  - v. Transmission Line Safety and Nuisance
  - vi. Public Health
  - vii. Worker Safety and Fire Protection
  - viii. Hazardous Materials Management
  - ix. Waste Management
  - x. Geology and Paleontology
  - xi. Traffic and Transportation
  - xii. Socioeconomic Resources
  
- b. Contested topics (*for each topic, each party will present its affirmative testimony and undergo cross-examination, and then present its rebuttal testimony and undergo cross-examination—where parties agree, panel format may be used*)
  - i. Biological Resources
  - ii. Soil and Water Resources
  - iii. Cultural Resources
  - iv. Alternatives
  - v. Power Plant Reliability
  - vi. Air Quality
  - vii. Land Use
  - viii. Noise and Vibration
  - ix. Visual Resources

4. 5:30 p.m. Public Comment:

- a. 3-minute limit: respect time limit so as to afford everyone an opportunity to be heard
- b. Use the microphone
- c. Speak to the commissioners, not the audience

**Tuesday, May 25**

**9:00 a.m Call to Order**

**Evidentiary Presentations to continue until completed**

1. Call to order:
  - a. Opening remarks from Commissioners Byron and Eggert
  - b. Introductions of parties and government officials
2. Continuation of Evidentiary Presentations
3. Closing Remarks by Commissioners Byron and Eggert



**BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT  
COMMISSION OF THE STATE OF CALIFORNIA  
1516 NINTH STREET, SACRAMENTO, CA 95814  
1-800-822-6228 – WWW.ENERGY.CA.GOV**

**APPLICATION FOR CERTIFICATION FOR THE  
IMPERIAL VALLEY SOLAR PROJECT  
(formerly known as SES Solar Two Project)  
IMPERIAL VALLEY SOLAR, LLC**

**DOCKET No. 08-AFC-5**

**EXHIBIT LIST**

**APPLICANT EXHIBITS**

- EXHIBIT 1** Application for Certification, Volume I and II, docketed on June 6, 2008. Sponsored by Applicant and received into evidence on
- EXHIBIT 2** Air Quality – Information on Data Adequacy. Docketed on July 25, 2008. Sponsored by Applicant and received into evidence on
- EXHIBIT 3** Responses to Imperial County questions.; docketed 9-3-08. Sponsored by Applicant and received into evidence on
- EXHIBIT 4** E-mail regarding School Impact Fees; docketed 9-10-08. Sponsored by Applicant and received into evidence on
- EXHIBIT 5** E-mail regarding Property Taxes; docketed 9-10-08. Sponsored by Applicant and received into evidence on
- EXHIBIT 6** Data Adequacy Supplement; docketed 9-26-08. Sponsored by Applicant and received into evidence on
- EXHIBIT 7** CEC/BLM Data Request Responses 1-52; docketed 12-08-08. Sponsored by Applicant and received into evidence on
- EXHIBIT 8** SES Alternatives and Cumulative Impacts; docketed 2-8-09. Sponsored by Applicant and received into evidence on
- EXHIBIT 9** CEC/BLM Data Request Responses 1-3, 5-10, 14-15, 24-26, 31-32, 36-38, 44, 111-127; docketed 3-19-09. Sponsored by Applicant and received into evidence on

- EXHIBIT 10** CEC/BLM Data Request Responses 53-110; docketed 3-26-09. Sponsored by Applicant and received into evidence on
- EXHIBIT 11** Supplemental Cumulative Analysis; docketed 4-29-09. Sponsored by Applicant and received into evidence on
- EXHIBIT 12** CEC/BLM Data Request Responses 128-144; docketed 6-5-09. Sponsored by Applicant and received into evidence on
- EXHIBIT 13** CURE Data Request Responses 1-143; docketed 6-6-09. Sponsored by Applicant and received into evidence on
- EXHIBIT 14** Supplement to AFC; docketed 6-12-09. Sponsored by Applicant and received into evidence on
- EXHIBIT 15** CEC/BLM Data Request Responses 31-32; docketed 7-2-09. Sponsored by Applicant and received into evidence on
- EXHIBIT 16** CEC/BLM Data Request Responses 151-155; docketed 7-7-09. Sponsored by Applicant and received into evidence on
- EXHIBIT 17** CURE Data Request Responses 143-178; docketed 8-5-09. Sponsored by Applicant and received into evidence on
- EXHIBIT 18** Additional Supportive Materials, Biology & Water; docketed 9-23-09. Sponsored by Applicant and received into evidence on
- EXHIBIT 19** CEC/BLM Data Request Responses 142-150; docketed 10-17-09. Sponsored by Applicant and received into evidence on
- EXHIBIT 20** Current Project Acreage; docketed 10-28-09. Sponsored by Applicant and received into evidence on
- EXHIBIT 21** Supplemental Biology and Water Information; docketed 10-30-09. Sponsored by Applicant and received into evidence on
- EXHIBIT 22** Revised Page 300-1 of SWPP; docketed 12-21-09. Sponsored by Applicant and received into evidence on
- EXHIBIT 23** Corridor Conflict Analysis; docketed 1-8-10. Sponsored by Applicant and received into evidence on
- EXHIBIT 24** San Diego MTS Agreement; docketed 1-8-10. Sponsored by Applicant and received into evidence on

- EXHIBIT 25** Glint and Glare Study. Sponsored by Applicant and received into evidence on
- EXHIBIT 26** Juan Batista de Anza Historic Trail Visual Impact Analysis, dated January 22, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 27** Additional information related to SWWTF Improvements, dated February 26, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 28** Applicant's Comments on the Energy Commission Draft Environmental Impact Statement (DEIS), dated March 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 29** Modeling Analysis for the Federal NO<sub>2</sub> 1 hour Standard, dated March 31, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 30** Imperial Valley Solar Sediment Transport Analysis, dated April 26, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 31** Early Spring 2010 Botanical Surveys, dated April 26, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 32** Supplement to the Imperial Valley Solar Application for Certification (formerly Solar Two). Dated May 2010, docketed on May 5, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 33** Overview of the SWWTF Project Limits, dated May 10, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 34** Revised Project Wash Avoidance Site Plan, dated May 10, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 35** Letters of Project Support, dated May 10, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 36** Peninsular Big Horn Sheep Locations and Critical Habitat, dated May 10, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 37** Project Footprint Evolution, dated May 17, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 38** Applicant's Proposed Revisions to Conditions of Certification, dated May 17, 2010. Sponsored by Applicant and received into evidence on

- EXHIBIT 39** Preliminary Greenhouse Gas Emissions from SWWTF Improvements, dated May 17, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 40** Independent Technical Review by Dr. Eric LaBolle, dated May 17, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 41** Existing Edge Effects Onsite, dated May 17, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 42** USFWS final rule on PBS Designated Critical Habitat, dated May 17, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 43** Harwood's Milk-Vetch CNDDDB Records, dated May 17, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 44** Brown Turbans CNDDDB Records, dated May 17, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 45** Wiggin's Croton CNDDDB Records, dated May 17, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 46** Dr. Chang's Response to Comments from CURE, dated May 17, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 47** Maricopa Solar – Noise Survey and Analysis, dated May 17, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 48** Rain Event Site Visit, dated May 17, 2010. Sponsored by Applicant and received into evidence on

**APPLICANT' S DECLARATIONS**

- EXHIBIT 100** Prepared direct testimony of Carolyn Dunmire on Cumulative Impacts and Alternatives. Sponsored by Applicant and received into evidence on
- EXHIBIT 101** Prepared direct testimony of Jason Pfaff on Visual Resources – Glint & Glare. Sponsored by Applicant and received into evidence on
- EXHIBIT 102** Prepared direct testimony of Julie Mitchell on Air Quality, Public Health, and Safety. Sponsored by Applicant and received into evidence on

- EXHIBIT 103** Prepared direct testimony of Kenneth Kostok on Project Description (Including Efficiency, Reliability, Transmission System Engineering). Sponsored by Applicant and received into evidence on
- EXHIBIT 104** Prepared direct testimony of Lanny Fisk on Paleontology. Sponsored by Applicant and received into evidence on
- EXHIBIT 105** Prepared direct testimony of Mark Storm on Noise. Sponsored by Applicant and received into evidence on
- EXHIBIT 106** Prepared direct testimony of Matthew Moore on Water Resources. Sponsored by Applicant and received into evidence on
- EXHIBIT 107** Prepared direct testimony of Michael Hatch on Geology/Soils. Sponsored by Applicant and received into evidence on
- EXHIBIT 108** Marc Van Patten, Sr. Director of Development with Tessera Solar North America on Project Objectives, Need, Water Supply, Alternatives, and Miscellaneous. Sponsored by Applicant and received into evidence on
- EXHIBIT 109** Prepared direct testimony of Noel Casil on Traffic and Transportation. Sponsored by Applicant and received into evidence on
- EXHIBIT 110** Prepared direct testimony of Patrick Mock, PhD on Biological Resources. Sponsored by Applicant and received into evidence on
- EXHIBIT 111** Prepared direct testimony of Rebecca Apple on Cultural Resources. Sponsored by Applicant and received into evidence on
- EXHIBIT 112** Prepared direct testimony of Sean Gallagher on Override Evidence. Sponsored by Applicant and received into evidence on
- EXHIBIT 113** Prepared direct testimony of Seth Hopkins on Land Use, Socioeconomics, and Visual Resources. Sponsored by Applicant and received into evidence on
- EXHIBIT 114** Prepared direct testimony of Tricia Winterbauer on Waste Management, Hazardous Waste, and Worker Safety. Sponsored by Applicant and received into evidence on

## **ENERGY COMMISSION STAFF EXHIBITS**

**EXHIBIT 300** Staff Assessment and Draft Environmental Impact Statement and Draft California Desert Conservation Area Plan Amendment, dated February 2010 and docketed on February 12, 2010. Sponsored by Staff and received into evidence on

## **INTERVENOR CURE EXHIBITS**

**EXHIBIT 400** Opening Testimony of Dr. Vernon C. Bleich on Behalf of the California Unions for Reliable Energy on Biological Resources for the Imperial Valley Solar Project, dated 5/10/10. Sponsored by CURE and received into evidence on

**EXHIBIT 401** Bleich Declaration, dated 5/10/10. Sponsored by CURE and received into evidence on

**EXHIBIT 402** Bleich C.V. Sponsored by CURE and received into evidence on

**EXHIBIT 403** DeForge, J. R., S. D. Ostermann, D. E. Towell, P. E. Cyrog, and E. M. Barrett. 1993. Helicopter survey of peninsular bighorn sheep in northern Baja California. Desert Bighorn Council Transactions 37:24-28, dated 1993. Sponsored by CURE and received into evidence on

**EXHIBIT 404** U.S. Fish and Wildlife Service. 2000. Recovery plan for bighorn sheep in the peninsular ranges, California. Sponsored by CURE and received into evidence on

**EXHIBIT 405** Memo from Guy Wagner to Toni Parr dated 17 June 2009, with a subject line of Solar Two Map PBHS Map.ppt. Sponsored by CURE and received into evidence on

**EXHIBIT 406** Bleich, V. C., J. D. Wehausen, and S. A. Holl. 1990. Desert-dwelling mountain sheep: conservation implications of a naturally fragmented distribution. Conservation Biology 4:383-390. Sponsored by CURE and received into evidence on

**EXHIBIT 407** Epps, C. W., J. D. Wehausen, V. C. Bleich, S. G. Torres, and J. S. Brashares. 2007. Optimizing dispersal and corridor models using landscape genetics. Journal of Applied Ecology 44:714-724. Sponsored by CURE and received into evidence on

- EXHIBIT 408** Schwartz, O. A., V. C. Bleich, and S. A. Holl. 1986. Genetics and the conservation of mountain sheep *Ovis canadensis nelsoni*. *Biological Conservation* 37:179-190. Sponsored by CURE and received into evidence on
- EXHIBIT 409** Bleich, V. C., J. D. Wehausen, R. R. Ramey II, and J. L. Rechel. 1996. Metapopulation theory and mountain sheep: implications for conservation. Pages 353-373 in D. R. McCullough (editor). *Metapopulations and wildlife conservation*. Island Press, Covelo, California. Sponsored by CURE and received into evidence on
- EXHIBIT 410** Bleich, V. C. 2005. Politics, promises, and illogical legislation confound wildlife conservation. *Wildlife Society Bulletin* 33:66-73. Sponsored by CURE and received into evidence on
- EXHIBIT 411** Flesch, A. D., C. W. Epps, J. W. Cain III, M. Clark, P. R. Krausman, and J. R. Morgart. 2010. Potential effects of the United States-Mexico border fence on wildlife. *Conservation Biology* 24:171-181. Sponsored by CURE and received into evidence on
- EXHIBIT 412** Andrew, N. G., V. C. Bleich, and P. V. August. 1999. Habitat selection by mountain sheep in the Sonoran Desert: implications for conservation in the United States and Mexico. *California Wildlife Conservation Bulletin* 12:1-30. Sponsored by CURE and received into evidence on
- EXHIBIT 413** Pierce, B. M., R. T. Bowyer, and V. C. Bleich. 2004. Habitat selection by mule deer: forage benefits or risk of predation? *Journal of Wildlife Management* 68:533-541. Sponsored by CURE and received into evidence on
- EXHIBIT 414** Bleich, V. C., R. T. Bowyer, and J. D. Wehausen. 1997. Sexual segregation in mountain sheep: resources or predation? *Wildlife Monographs* 134:1-50. Sponsored by CURE and received into evidence on
- EXHIBIT 415** Andrew, N. G. 1994. Demography and habitat use of desert-dwelling mountain sheep in the East Chocolate Mountains, Imperial County, California. MS Thesis, University of Rhode Island, Kingston, Rhode Island, USA. Sponsored by CURE and received into evidence on
- EXHIBIT 416** Marshal, J. P., P. R. Krausman, and V. C. Bleich. 2005. Dynamics of mule deer forage in the Sonoran Desert. *Journal of Arid Environments* 60:593-609. Sponsored by CURE and received into evidence on
- EXHIBIT 417** SES Solar Two LLC, Response to CURE Data Requests, Set One, 08-AFC-5. Sponsored by CURE and received into evidence on

- EXHIBIT 418** Rubin, E. S., W. M. Boyce, and V. C. Bleich. 2000. Reproductive strategies of desert bighorn sheep. *Journal of Mammalogy* 81:769-786. Sponsored by CURE and received into evidence on
- EXHIBIT 419** Marshal, J. P., P. R. Krausman, and V. C. Bleich. 2005. Rainfall, temperature, and forage dynamics affect nutritional quality of desert mule deer forage. *Rangeland Ecology and Management* 58:360-365. Sponsored by CURE and received into evidence on
- EXHIBIT 420** Bleich, V. C., R. T. Bowyer, D. J. Clark, and T. O. Clark. 1992. Quality of forages eaten by mountain sheep in the eastern Mojave Desert, California. *Desert Bighorn Council Transactions* 36:41-47. Sponsored by CURE and received into evidence on
- EXHIBIT 421** Oehler, M. W., Sr., R. T. Bowyer, and V. C. Bleich. 2003. Home ranges of mountain sheep: effects of precipitation in a desert ecosystem. *Mammalia* 67:385-402. Sponsored by CURE and received into evidence on
- EXHIBIT 422** Oehler, M. W., V. C. Bleich, R. T. Bowyer, and M. C. Nicholson. 2005. Mountain sheep and mining: implications for conservation and management. *California Fish and Game* 91:149-178. Sponsored by CURE and received into evidence on
- EXHIBIT 423** Wehausen, J. D. 2005. Nutrient predictability, birthing seasons, and lamb recruitment for desert bighorn sheep. Pages 37-50 in J. Goerrissen and J. M. Andre, editors. *Sweeney Granite Mountains Desert Research Center 1978-2003. A Quarter Century of Research and Teaching*. University of California Natural Reserve System, Riverside, California, USA. Sponsored by CURE and received into evidence on
- EXHIBIT 424** SES Solar Two, Appendix Y. Biological Resources Technical Report, Attachment B. Plant species observed on the Solar Two project site. Pages B-1 – B-4. Sponsored by CURE and received into evidence on
- EXHIBIT 425** Weaver, R. A., J. L. Mensch, and W. V. Fait. 1968. A survey of the California desert bighorn (*Ovis canadensis*) in San Diego County. California Department of Fish and Game, Federal Aid in Wildlife Restoration Project W-51-R-14. Final Report. Sponsored by CURE and received into evidence on
- EXHIBIT 426** Hicks, L. L. 1978. The status and distribution of peninsular bighorn sheep in the In-Ko-Pah Mountains, California. USDI Bureau of Land Management, Riverside District, El Centro, California, USA. Sponsored by

CURE and received into evidence on

- EXHIBIT 427** Dodd, N. 1989. Dietary considerations. Pages 109-134 in R. M. Lee (editor). The desert bighorn sheep in Arizona. Arizona Game and Fish Department, Phoenix, Arizona, USA. Sponsored by CURE and received into evidence on
- EXHIBIT 428** Scott, J. E. 1986. Food habits and nutrition of desert bighorn sheep (*Ovis canadensis cremnobates*) in the Santa Rosa Mountains, California. MS Thesis, California State Polytechnic University, Pomona, California, USA. Sponsored by CURE and received into evidence on
- EXHIBIT 429** Opening Testimony of Scott Cashen on Behalf of the California Unions for Reliable Energy on Biological Resources for the Imperial Valley Solar Project
- Figure 1 – Map #1 of MA blockage
  - Figure 2 – Map #2 of MA blockage
  - Figure 3 – GOEA nesting habitat
  - Figure 4 – CDFTL map
  - Figure 5 – Pictures of sensitive communities
  - Figure 6 – SS plants near Seeley
  - Figure 7 – Yuha and W. Mesa MAS
- Sponsored by CURE and received into evidence on
- EXHIBIT 430** Cashen Declaration Sponsored by CURE and received into evidence on
- EXHIBIT 431** Cashen C.V. Sponsored by CURE and received into evidence on
- EXHIBIT 432** Calico Solar Project SA/DEIS Sponsored by CURE and received into evidence on
- EXHIBIT 433** Calico Solar Project. Applicant's response to CURE data request 162 Sponsored by CURE and received into evidence on
- EXHIBIT 434** Energy Commission Staff's Rebuttal Testimony, Ivanpah Solar Electric Generating System Sponsored by CURE and received into evidence on
- EXHIBIT 435** Final Staff Assessment, Ivanpah Solar Electric Generating System Sponsored by CURE and received into evidence on
- EXHIBIT 436** Applicant's Comments on the SA/DEIS. Imperial Valley Solar (formerly solar Two) (08-AFC-5) Sponsored by CURE and received into evidence on
- EXHIBIT 437** California Native Plant Society (CNPS). 2010. Inventory of Rare and Endangered Plants (online edition, v7-10a). California Native Plant Society.

Sacramento, CA Sponsored by CURE and received into evidence on

- EXHIBIT 438** California Natural Diversity Database Info [internet]. Sacramento: California Department of Fish and Game; [cited 2010 Apr 29]. Sponsored by CURE and received into evidence on
- EXHIBIT 439** Bureau of Land Management. 2009. Survey Protocols Required for NEPA/ESA Compliance for BLM Special Status Plant Species Sponsored by CURE and received into evidence on
- EXHIBIT 440** Flat-tailed Horned Lizard Interagency Coordinating Committee. 2003. Flat-tailed horned lizard rangewide management strategy, 2003 revision. 80 pp. plus appendices Sponsored by CURE and received into evidence on
- EXHIBIT 441** Dodd CK Jr., RA Seigel. 1991. Relocation, repatriation, and translocation of amphibians and reptiles: Are they conservation strategies that work? *Herpetologica* 47(3): 336-350 Sponsored by CURE and received into evidence on
- EXHIBIT 442** Flat-tailed Horned Lizard Interagency Coordinating Committee. 2009 Mar. Annual Progress Report: Implementation of the Flat-tailed Horned Lizard Rangewide Management Strategy, January 1, 2008 – December 31, 2008. Sponsored by CURE and received into evidence on
- EXHIBIT 443** Ecosphere Environmental Services. 2009 Apr 21. SES Solar Two AFC Supplemental Cumulative Analysis Sponsored by CURE and received into evidence on
- EXHIBIT 444** Young KV and AT Young. 2005. Indirect effects of development on the flat-tailed horned lizard. Final Report submitted to Arizona Game and Fish Department, Yuma. 11 pp. Sponsored by CURE and received into evidence on
- EXHIBIT 445** Painter ML, MF Ingraldi. 2007. Use of Simulated Highway Underpass Crossing Structures by Flat-Tailed Horned Lizards (*Phrynosoma mcallii*), Final Report 594. Arizona Department of Transportation, Phoenix, Arizona Sponsored by CURE and received into evidence on
- EXHIBIT 446** 58 Fed. Reg. 62624 (November 29, 1993), Proposed Rule to List Flat-tailed Horned Lizard as Threatened. Sponsored by CURE and received into evidence on
- EXHIBIT 447** Okin GS, B Murray, WH Schlesinger. 2000. Degradation of sandy arid shrubland environments: observations, process modelling, and management implications. *Journal of Arid Environments* Vol. 47, No. 2

Sponsored by CURE and received into evidence on

- EXHIBIT 448** Bates C. 2006. Burrowing Owl (*Athene cunicularia*). In The Draft Desert Bird Conservation Plan: a strategy for reversing the decline of desert-associated birds in California. California Partners in Flight. Sponsored by CURE and received into evidence on
- EXHIBIT 449** DeSante DF, ED Ruhlen, DK Rosenberg. 2004. Density and abundance of burrowing owls in the agricultural matrix of the Imperial Valley, California. Studies in Avian Biology No. 27: 116-119 Sponsored by CURE and received into evidence on
- EXHIBIT 450** Rosenberg, DK and KL Haley. 2004. The ecology of burrowing owls in the agroecosystem of the Imperial Valley, California. Studies in Avian Biology No. 27: 120-135 Sponsored by CURE and received into evidence on
- EXHIBIT 451** The California Burrowing Owl Consortium. 1993. Burrowing Owl Survey Protocol and Mitigation Guidelines Sponsored by CURE and received into evidence on
- EXHIBIT 452** California Department of Fish and Game. 1995. Staff Report on Burrowing Owl Mitigation Sponsored by CURE and received into evidence on
- EXHIBIT 453** AFC, Biological Resources, Figure 6 Sponsored by CURE and received into evidence on
- EXHIBIT 454** US Fish and Wildlife Service, Division of Migratory Bird Management. 2009. Final Environmental Assessment, Proposal to Permit Take. Provided Under the Bald and Golden Eagle Protection Act. Washington: Dept. of Interior Sponsored by CURE and received into evidence on
- EXHIBIT 455** AFC, p. 5.6-9 Sponsored by CURE and received into evidence on
- EXHIBIT 456** Martin TE, GR Geupel. 1993. Nest-Monitoring Plots: Methods for Locating Nests and Monitoring Success. J. Field Ornithol. 64(4):507-519 Sponsored by CURE and received into evidence on
- EXHIBIT 457** North American Bird Conservation Initiative, U.S. Committee, 2009. The State of the Birds, United States of America, 2009. U.S. Department of Interior: Washington, DC. Sponsored by CURE and received into evidence on
- EXHIBIT 458** DeSante DF, GR Geupel. 1987. Landbird productivity in central coastal California: the relationship to annual rainfall and a reproductive failure in

1986. Condor. 89:636-653. Sponsored by CURE and received into evidence on

- EXHIBIT 459** Martin TE, C Paine, CJ Conway, WM Hochacka. 1996. BBIRD field protocol. Montana Cooperative Wildlife Research Unit, Missoula (MT). Sponsored by CURE and received into evidence on
- EXHIBIT 460** AFC p. 5.6-4. Sponsored by CURE and received into evidence on
- EXHIBIT 461** California Department of Fish and Game. 2009 Dec 28. List of California Vegetation Alliances. Sacramento: Biogeographic Data Branch. Sponsored by CURE and received into evidence on
- EXHIBIT 462** BRG Consulting, Inc. 2003. Final Mitigated Negative Declaration and Environmental Assessment: Proposed Seeley Water / Wastewater Master Plans. Sponsored by CURE and received into evidence on
- EXHIBIT 463** US Fish and Wildlife Service. 2010. Species Profile: Yuma clapper rail [internet]. Environmental Online Conservation System. Sponsored by CURE and received into evidence on
- EXHIBIT 464** Dudek. 2009. Draft Mitigated Negative Declaration for the Seeley Wastewater Reclamation Facility Improvements, Imperial County, California. Sponsored by CURE and received into evidence on
- EXHIBIT 465** Gould GI Jr. 1975. Yuma Clapper Rail Study – Census and Habitat Distribution. Wildlife Management Branch Administrative Report No. 75-2. Supported by Federal Aid in Wildlife Restoration Project W-54-R-7, Nongame Wildlife Investigations. Sponsored by CURE and received into evidence on
- EXHIBIT 466** US Fish and Wildlife Service. 2006. Yuma Clapper Rail 5-Year Review. Sponsored by CURE and received into evidence on
- EXHIBIT 467** California Department of Water Resources and California Department of Fish and Game. 2006. Salton Sea Ecosystem Restoration Program Draft Programmatic Environmental Impact Report. Sponsored by CURE and received into evidence on
- EXHIBIT 468** URS Corporation. 2009 Sep 23. Letter from Matt Moore, Project Engineer, to David Dale, Seeley County Water District. Sponsored by CURE and received into evidence on
- EXHIBIT 469** Imperial Irrigation District. 2010 Jan 7. Comment letter on the Seeley County Water District's Wastewater Reclamation Facility Improvements

Project. Sponsored by CURE and received into evidence on

- EXHIBIT 470** URS. 2009 Jun. Supplement to SES Solar Two Application for Certification. p. 2.6-1. Sponsored by CURE and received into evidence on
- EXHIBIT 471** Evans Ogden LJ. 2002. Summary Report on the Bird Friendly Building Program: Effect of Light Reduction on Collision of Migratory Birds. Special Report for the Fatal Light Awareness Program (FLAP). Available at: <http://www.flap.org/>. Sponsored by CURE and received into evidence on
- EXHIBIT 472** National Park Service. 1994. Report to Congress: Report on effects of aircraft overflights on the National Park System. Sponsored by CURE and received into evidence on
- EXHIBIT 473**
- A. Letter from Sierra Club San Diego Chapter to David Dale, Seeley County Water District, February 2, 2010.
  - B. Salton Sea Authority Website Information, Environmental Issues Around the Sea, accessed online at <http://www.salttonsea.ca.gov/environ.htm> on 2/2/2010.
  - C. Letter from U.S. Fish and Wildlife Service to Seeley County Water District, February 2, 2010, re: Draft Mitigated Negative Declaration for the Seeley Wastewater Treatment Plant Improvements, Imperial County, California.
  - D. California Environmental Protection Agency, Regional Water Quality Control Board, Staff Report: Water Quality Issues in the Salton Sea Transboundary Watershed, February 2003.
  - E. State Water Resources Control Board – Colorado River Basin Region, website, [www.waterboards.ca.gov/coloradoriver/water\\_issues/programs/salton\\_sea/index.shtml](http://www.waterboards.ca.gov/coloradoriver/water_issues/programs/salton_sea/index.shtml), accessed on 2/2/2010.
  - F. Letter from Imperial County Public Works Department, January 25, 2010 re: Notice of Intent to adopt a Mitigated Negative Declaration for Seeley County Water District.
  - G. Letter from Department of Toxic Substances Control to Seeley County Water District, January 25, 2010 re: Notice of Intent to adopt a Proposed Mitigated Negative Declaration for Seeley County Water District Wastewater Reclamation Facility.

Sponsored by CURE and received into evidence on

- EXHIBIT 474** CNPS Botanical Survey Guidelines, December 9, 1983, Revised June 2, 2001. Sponsored by CURE and received into evidence on
- EXHIBIT 475** Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities, State of California, Natural Resources Agency, Department of Fish and Game, November 24, 2009. Sponsored by CURE and received into evidence on
- EXHIBIT 476** Yuma Clapper Rail, Species Profile, US Fish and Wildlife Service. Sponsored by CURE and received into evidence on
- EXHIBIT 477** Klem, Preventing Bird-Window Collisions (2000) Wilson Ornithological Society. Sponsored by CURE and received into evidence on
- EXHIBIT 478** Opening Testimony of Dr. Chris Bowles and Chris Campbell on Behalf of California Unions for Reliable Energy on Soil and Water Resources for the Imperial Valley Solar Project
- Figure 1 – 100-year discharge comparison
  - Figure 2 – 6-hour temporal rainfall distributions
- Sponsored by CURE and received into evidence on
- EXHIBIT 479** Bowles Declaration. Sponsored by CURE and received into evidence on
- EXHIBIT 480** Campbell Declaration. Sponsored by CURE and received into evidence on
- EXHIBIT 481** Christopher Bowles, Ph.D., C.V. Sponsored by CURE and received into evidence on
- EXHIBIT 482** Christopher Campbell, M.S., C.V. Sponsored by CURE and received into evidence on
- EXHIBIT 483** California Department of Water Resources, California Department of Fish and Game (October 2006), Salton Sea Ecosystem Restoration Program, Draft Programmatic Environmental Impact Report, Volume I: PEIR, Hydrology chapter. Sponsored by CURE and received into evidence on
- EXHIBIT 484** Y.A. Wood, R.C. Graham, S.G. Wells. 2005. Surface control of desert pavement pedologic process and landscape function, Cima Volcanic field, Mojave Desert, California. Sponsored by CURE and received into evidence on
- EXHIBIT 485** Julianne J. Miller, Todd G. Caldwell, Michael H. Young, and Graham K. Dalldorf (2008) Verifying Curve Numbers in Arid Environments by

Combining Detailed Geomorphic Mapping and Pedotransfer Functions.  
Sponsored by CURE and received into evidence on

- EXHIBIT 486** Young & Chen. (2009) "Soil Heterogeneity and Moisture Distribution Due to Rainfall Events in Vegetated Desert Areas: Potential Impact on Soil Recharge and Ecosystems Annual Report 2009". Sponsored by CURE and received into evidence on
- EXHIBIT 487** Jon D. Pelletier, Michael Cline, Stephen B. DeLong (2007) Desert pavement dynamics: numerical modeling and field-based calibration. Sponsored by CURE and received into evidence on
- EXHIBIT 488** Biological Soil Crusts: Ecology and Management, Technical Reference 1730-2, 2001, US Department of the Interior: BLM and USGS. Sponsored by CURE and received into evidence on
- EXHIBIT 489** James R. Angel, Michael A. Palecki, Steven E. Hollinger. (2005) Storm Precipitation in the United States. Part II: Soil Erosion Characteristics. Sponsored by CURE and received into evidence on
- EXHIBIT 490** F. Gonzalez-Borrino, W.R. Osterkamp (2004) Applying RUSLE 2.0 on burned-forest lands: An appraisal. Sponsored by CURE and received into evidence on
- EXHIBIT 491** Li Chen, Jun Yin, Julianne Miller, Michael Young (2009) The Role of the Clast Layer of Desert pavement in Rainfall-Runoff Processes. Sponsored by CURE and received into evidence on
- EXHIBIT 492** Peter R. Griffiths, Richard Hereford, Robert H. Webb (2006) Sediment yield and runoff frequency of small drainage basins in the Mojave Desert, U.S.A. Sponsored by CURE and received into evidence on
- EXHIBIT 493** Draft Programmatic Agreement – Imperial Valley Solar Project. Sponsored by CURE and received into evidence on
- EXHIBIT 494** CURE Comments on the Draft Programmatic Agreement. Sponsored by CURE and received into evidence on
- EXHIBIT 495** National Register Bulletin, Guidelines for Evaluating and Documenting Historic Aids to Navigation to the National Register of Historic Places. Sponsored by CURE and received into evidence on
- EXHIBIT 496** Letter from the National Park Service to the Energy Commission and BLM commenting on The Staff Assessment/Draft Environmental Impact Statement. Sponsored by CURE and received into evidence on

- EXHIBIT 497** Letter from Quechan Indian Tribe, Ft. Yuma Indian Reservation, to Carrie Simmons, Bureau of Land Management commenting on the Draft Programmatic Agreement. Sponsored by CURE and received into evidence on
- EXHIBIT 498-A** 5/17/10 Rebuttal Testimony of Scott Cashen on Behalf of California Unions for Reliable Energy on Biological Resources for the Imperial Valley Solar Project. Sponsored by CURE and received into evidence on
- EXHIBIT 498-B** Cashen Declaration. Sponsored by CURE and received into evidence on
- EXHIBIT 498-C** Cashen comment letter to Army Corps. Sponsored by CURE and received into evidence on
- EXHIBIT 498-D** Mancini KM, DN Gladwin, R Vilella, MG Cavendish. 1988. Effects of aircraft noise and sonic booms on domestic animals and wildlife: a literature synthesis. National Ecology Research Center Report # NERC-88/29. Sponsored by CURE and received into evidence on
- EXHIBIT 498-E** ICC Meeting Minutes. Sponsored by CURE and received into evidence on
- EXHIBIT 498-F** 2010 Western Regional Climate Center [internet]. 2010. Period of Record Monthly Climate Summary, El Centro 2 SSW, California. Available at: <http://www.wrcc.dri.edu/cgi-bin/cliMAIN.pl?ca2713>. Sponsored by CURE and received into evidence on
- EXHIBIT 498-G** 2003 Department of Fish and Game. List of California Terrestrial Natural Communities Recognized by The California Natural Diversity Database. September 2003 edition. Sponsored by CURE and received into evidence on
- EXHIBIT 498-H** 2001 Okin GS, B Murray, WH Schlesinger. 2001. Degradation of sandy arid shrubland environments: observations, process modeling, and management implications. Journal of Arid Environments Vol. 47, No. 2, pp. 123–144. Sponsored by CURE and received into evidence on
- EXHIBIT 498-I** US Gypsum Final EIR/EIS, p. 3.3-42. Sponsored by CURE and received into evidence on
- EXHIBIT 498-J** USEPA letter to USACE (5/12/10) re Public Notice (PN) SPL-2008-01244-MLM for the proposed Imperial Valley Solar Project, Tessera Solar North America, Imperial County, California. Sponsored by CURE and received into evidence on

- EXHIBIT 498-K** Travis Huxman, UA Biosphere 2 and B2 Earthscience, Associate Professor, Ecology and Evolutionary Biology, University of Arizon, Tucson, Arizona: Climate Change and the Sonoran Desert. Sponsored by CURE and received into evidence on
- EXHIBIT 498-L** CURE letter addressed to Christopher Meyer and Jim Stobaugh (5/28/09) re Biological Resource Survey Techniques for the Solar Two Project. Sponsored by CURE and received into evidence on
- EXHIBIT 498-M** Monthly Precipitation, EL Centro 2 SSW, California. Sponsored by CURE and received into evidence on
- EXHIBIT 498-N** EPA: Sole Source Aquifer Designations in EPA, Region 9. Sponsored by CURE and received into evidence on
- EXHIBIT 498-O** Ground-Water Resources, Ocotillo-Coyote Wells Basin, Calif. Sponsored by CURE and received into evidence on
- EXHIBIT 498-P** U.S. Geological Survey Water-Resources Investigations 77-30: Digital-Model Evaluation of the Ground-Water Resources in the Ocotillo-Coyote Wells Basin, Imperial County, California. Sponsored by CURE and received into evidence on
- EXHIBIT 498-Q** Rebuttal Testimony of Dr. Vernon C. Bleich on Behalf of California Unions for Reliable Energy on Biological Resources for the Imperial Valley Solar Project. Sponsored by CURE and received into evidence on
- EXHIBIT 498-R** Bleich Declaration. Sponsored by CURE and received into evidence on
- EXHIBIT 498-S** S. Torres email 5/13/10. Sponsored by CURE and received into evidence on
- EXHIBIT 498-T** R. Botta email 5/14/10. Sponsored by CURE and received into evidence on
- EXHIBIT 498-U** Felicia Sirchia email 5/11/10. Sponsored by CURE and received into evidence on
- EXHIBIT 498-V** Testimony of Bridget Nash-Chrabascz on Cultural Resources for the Imperial Valley Solar Project 5/17/10. Sponsored by CURE and received into evidence on
- EXHIBIT 498-W** Nash-Chrabascz Declaration 5/17/10. Sponsored by CURE and received into evidence on
- EXHIBIT 498-X** Nash-Chrabascz C.V. Sponsored by CURE and received into evidence on

- EXHIBIT 498-Y** Quechan Indian Tribe Comments on Staff Assessment/Draft Environmental Impact Statement, May 17, 2010. Sponsored by CURE and received into evidence on
- EXHIBIT 498-Z** Comment letters on Draft Programmatic Agreement for Imperial Valley Solar Project from consulting parties. Sponsored by CURE and received into evidence on
- EXHIBIT 499-A** Rebuttal Testimony of Dr. Christopher Bowles and Christopher Campbell on Behalf of California Unions for Reliable Energy on Soil and Water Resources for the Imperial Valley Solar Project 5/17/10. Sponsored by CURE and received into evidence on
- EXHIBIT 499-B** Bowles/Campbell Declaration. Sponsored by CURE and received into evidence on
- EXHIBIT 499-C** Grismer, M.E., M. Orang, R. Snyder, and R. Matyac. 2002. Pan evaporation to reference evapotranspiration conversion methods. *Journal of Irrigation and Drainage Engineering* 128(3):180-184. Sponsored by CURE and received into evidence on
- EXHIBIT 499-D** Coleman, MacRae and Stein, Effect of Increases in Peak Flows and Imperviousness on the Morphology of southern California Streams, April 2005. Sponsored by CURE and received into evidence on
- EXHIBIT 499-E** Comment letter from Center for Biological Diversity on the USACE Review of the Imperial Valley Solar Project dated 5/11/10. Sponsored by CURE and received into evidence on

**INTERVENOR TOM BUDLONG EXHIBITS**

- EXHIBIT 500** The National Environmental Policy Act of 1969, As Amended. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 501** Executive Order 13212. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 502** Secretarial Order 3285. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 503** 2010\_01\_22, 60 Press Release, 60 units in AZ. Sponsored by Intervenor Budlong and received into evidence on

- EXHIBIT 504** Dr. Butler's 2007-05 Stirling Technology Evaluation. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 505** Energy Policy Act of 2005. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 506** South County Phase 2 Particulate Study, Exec Summary. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 507** CEQ 40 Questions, Questions 1-10. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 508** CEQ Authorization Memo. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 509** Solar Two Concentrating Solar Power Tech Project May Rise Near San Diego. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 510** BLM Web Page Excerpt. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 511** Omitted.
- EXHIBIT 512** Omitted.
- EXHIBIT 513** Omitted.
- EXHIBIT 514** Omitted.
- EXHIBIT 515** US EPA 1996 designated Ocotillo-Coyote Wells Groundwater Basin as a "Sole Source Aquifer" 61 FR 47752, Sept 10, 1996). Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 516** "EH Table 10 Water well information, water quality, and groundwater elevations Ocotillo/Coyote Wells Groundwater Basin, a Sole Source Aquifer, Imperial County CA" Updated March 2010 from Sierra Club comments on USG FEIR/EIS 2008 and included in CWSP Scoping comments found at 28appa-nop-initial-study-a at pp 7-17 (USG EIR/EIS Appendix B-1 USGS Hydrologic Data, USGS NWIS water level and quality data & Bookman-Edmonston 3/96 (BE96), BE 1/2004 (BE04). 11pages. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 517** Ocotillo/Nomirage Community Area Plan (ONCAP) a part of the Land Use Element of the Imperial County General Plan 1994 with groundwater basin map. Sponsored by Intervenor Budlong and received into evidence on

- EXHIBIT 518** US EPA 2010-04-11 letter re Final EIS for US Gypsum project. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 519** USGS 2008-12-24 letter to Cong. Filner re Final EIS for US Gypsum Project. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 520** US EPA 2009-02-25 comments re NOI for Coyote Wells Specific Plan Area. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 521** USG FEIR/S 4.0 Collective Responses Table 4.0-1 Water quality info from USGS. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 522** USG FEIR/S 4.0 Collective Responses Fig. 4 Wells with Water Quality Data. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 523** USG FEIR/S 4.0 Collective Responses Fig 7. Wells with Recent Water Level data. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 524** BE 2004 Table 4-2 Historic Groundwater Pumping in 2006 USG DEIR/S. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 525** Ocotillo Express Wind Draft Plan of Development 2009. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 526** SES Applicant's Submittal of Opening Testimony re Van Patten re well 16S/9E-36G4. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 527** Terms for Well 16S/9E-436G4. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 528** Moore in SES Applicant's submittal of Opening Testimony re well 16S/9E-36G4. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 529** Ocotillo Express Wind Facility 4 pgs. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 530** USG FEIR/S Mitigation & Monitoring re Hydrology ES 9-11 submitted as an exhibit for the CWSP DEIR comments 20210. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 531** USG DEIR/S Mitigation & Monitoring re Hydrology See Applicant's Appendix C for Hydrology. Sponsored by Intervenor Budlong and received into evidence on

- EXHIBIT 532** San Diego Smart Energy 2020, The 21st Century Alternative, Prepared by E-Tech International, Santa Fe, New Mexico, Author: Bill Powers, P.E. , dated October 2007. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 533** In Our Backyard, How to Increase Renewable Energy Production on Big Buildings and Other Local Spaces, dated December 2009. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 534** Imperial Valley Solar Project, Frequently Asked Questions, dated May 2010. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 535** Imperial Valley Solar – Fact Sheet – Tessera Solar. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 536** 2010-4 URS Fig. Impacts of Avoidance or Partial Avoidance of Drainage Areas I K C E G014. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 537** USGS 1977 GW Report 019. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 538** AppCt. Decision 2006-10 DOD034281 SC V. Col re USG. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 539** US EPA re 2006 USG DEIS in FEIS 5.0 Response to Comments. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 540** USGS re 2006 USG DEIS in FEIS 5.0 Response to Comments. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 541** Powers re Best Comparative Costs of Solar 2010-05-13. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 542** San Diego Solar Panels Costs Less with 1BOG. <http://solarsandiego.1bog>. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 543** 16-Apr-10 REW US Solar PV grows 38% in 2009. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 544** 07-Apr-10 RETI Phase 28 Draft Report Thin Film PV Lower Cost than Solar thermal. Sponsored by Intervenor Budlong and received into evidence on

- EXHIBIT 545** 10-MAR-10 SNL SCE Orders 200 MW of Sunpower T5 Solar Tiles \$3.50 Watt. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 546** Powers 2010-05-13 Email Re Solar Costs [http:mail.google](http://mail.google). Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 547** 01-May-10 Sun Centric CSI Study Cost Trends. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 548** Huntley 1993 re Chloride Changes. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 549** Huntley 1979 Magnitude and Potential Effects of Declining GW Elev 003. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 550** 2010 RMT Impacts Avoidance of Drainages. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 551** 2010 Harmon Fig. Water Levels AMSL Most Recent 017. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 552** Tisdale re 2006 USG DEIR in 5.0 Response to Comments. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 553** Well Ownership USGS 1977 GW Doc 001. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 554** Zipp 1980 GW. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 555** Table Westwind Water Sales History and Water Levels Well 16S9E-36G4 & USG 16S9E-36H1. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 556** Hamilton Well 16S9E-34B1 Water Levels 2010 [http:groundwater watch.usgs.gov\\_AWLSites](http://groundwater.watch.usgs.gov_AWLSites). Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 557** Hamilton Well Water Level Table 98-09 [http:nwis.waterdata.usgs](http://nwis.waterdata.usgs). Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 558** Table 16, 17 Discrepancies in USG Groundwater Pumping-Rhone 2003 & USG EIR-EIS. Sponsored by Intervenor Budlong and received into evidence on

- EXHIBIT 559** Table 14 USG Annual Pumping and Water Levels in 3 USG Wells. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 560** USG Annual Reports 93-02 002. Sponsored by Intervenor Budlong and received into evidence on
- EXHIBIT 561** Rhone 2003 Email re USG Annual Pumpage 003. Sponsored by Intervenor Budlong and received into evidence on

#### **INTERVENOR CALIFORNIA NATIVE PLANT SOCIETY EXHIBITS**

- EXHIBIT 600** Anthropogenic Degradation of the Southern California Desert Ecosystem and Prospects for Natural Recovery and Restoration, Jeffrey E. Lovich and David Bainbridge, Environmental Management Vol. 24, No.3, pp. 309-326; 1999, not docketed. Sponsored by Intervenor California Native Plant Society and received into evidence on
- EXHIBIT 601** Citizen Guide to The California Environmental Quality Act, J. William Yeates, Esq.; January 2000, not docketed. Sponsored by Intervenor California Native Plant Society and received into evidence on
- EXHIBIT 602** - A Citizen's Guide to the NEPA: Having your voice heard, Council on Environmental Quality, Executive Office of the President; December 2007, not docketed. Sponsored by Intervenor California Native Plant Society and received into evidence on
- EXHIBIT 603** 2009 California Environmental Quality Act (CEQA) Statute and Guidelines, California Resources Agency, not docketed. Sponsored by Intervenor California Native Plant Society and received into evidence on
- EXHIBIT 604** Resume of Carolyn Martus, California Native Plant Society, Botanist. Sponsored by Intervenor California Native Plant Society and received into evidence on
- EXHIBIT 605** Letter from Carolyn Martus, dated March 30, 2010, addressing the inadequate botanical surveys for SES Solar 2 (project). Sponsored by Intervenor California Native Plant Society and received into evidence on

#### **INTERVENOR HOSSEIN ALIMAMAGHANI EXHIBITS**

- EXHIBIT 700** Petition to Intervene, dated April 15, 2010. Sponsored by Intervenor Alimamaghani and received into evidence on
  
- EXHIBIT 701** Parcel and Water District Maps from the Seeley County Water District. Sponsored by Intervenor Alimamaghani and received into evidence on
  
- EXHIBIT 702** Declaration of Service, dated April 15, 2010. Sponsored by Intervenor Alimamaghani and received into evidence on
  
- EXHIBIT 703** Proof of Service. Sponsored by Intervenor Alimamaghani and received into evidence on

**IMPERIAL VALLEY SOLAR PROJECT**  
**TOPIC AND WITNESS LIST – MAY 24-25, 2010 EVIDENTIARY HEARINGS**

<b>TOPIC</b>	<b>WITNESSES</b> <i>Indicate whether witness will testify by declaration, in-person testimony with time estimate, or both</i>	<i>Indicate cross-examination time estimate for each witness you intend to cross-examine</i>
<b>1. Executive Summary and Project Description</b>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> Marc VanPatten, Tessera Solar Ken Kostok, Tessera Solar</li> <li>• <b>Staff:</b> Christopher Meyer</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> No cross/no rebuttal</li> <li>• <b>Staff:</b> None</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b> 30 Minutes</li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>
<b>2. Facility Design</b>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> Kenneth Kostok</li> <li>• <b>Staff:</b> Shahab Khoshmashrab</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> No cross/no rebuttal</li> <li>• <b>Staff:</b> None</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>
<b>3. Power Plant Efficiency</b>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> Kenneth Kostok</li> <li>• <b>Staff:</b> Shahab Khoshmashrab</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> No cross/no rebuttal</li> <li>• <b>Staff:</b> None</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b> 10 Minutes</li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>
<b>4. Transmission System Engineering</b>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> Kenneth Kostok</li> <li>• <b>Staff:</b> Sudath Arachchige and Mark Hesters</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> No cross/no rebuttal</li> <li>• <b>Staff:</b> None</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>

<p><b>5. Transmission Line Safety and Nuisance</b></p>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> Kenneth Kostok</li> <li>• <b>Staff:</b> Obed Odoemelam, Ph.D.</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> No cross/no rebuttal</li> <li>• <b>Staff:</b> None</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>
<p><b>6. Public Health</b></p>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> Julie Mitchell</li> <li>• <b>Staff:</b> Alvin Greenberg</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> No cross/no rebuttal</li> <li>• <b>Staff:</b> None</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>
<p><b>7. Worker Safety and Fire Protection</b></p>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> Tricia Winterbauer</li> <li>• <b>Staff:</b> Rick Tyler</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> No cross/no rebuttal</li> <li>• <b>Staff:</b> None</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>
<p><b>8. Hazardous Materials Management</b></p>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> Tricia Winterbauer</li> <li>• <b>Staff:</b> Rick Tyler</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> No cross/no rebuttal</li> <li>• <b>Staff:</b> None</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>
<p><b>9. Waste Management</b></p>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> Tricia Winterbauer</li> <li>• <b>Staff:</b> Susan Phinney</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> No cross/no rebuttal</li> <li>• <b>Staff:</b> None</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>

<p><b>10. Geology and Paleontology</b></p>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> Lanny Fisk; Mike Hatch</li> <li>• <b>Staff:</b> Dal Hunter, Ph.D., C.E.G.</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> No cross/no rebuttal</li> <li>• <b>Staff:</b> None</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>
<p><b>11. Traffic and Transportation</b></p>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> Noel Casil</li> <li>• <b>Staff:</b> Steven Brown</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> No cross/no rebuttal</li> <li>• <b>Staff:</b> None</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>
<p><b>12. Socioeconomic Resources (including Environmental Justice)</b></p>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> Seth Hopkins</li> <li>• <b>Staff:</b> Amanda Stennick</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> No cross/no rebuttal</li> <li>• <b>Staff:</b> None</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>
<p><b>13. Power Plant Reliability</b></p>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> Kenneth Kostok</li> <li>• <b>Staff:</b> Shahab Khoshmashrab</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b> Dr. Barry Butler</li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> No cross/no rebuttal</li> <li>• <b>Staff:</b> None</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b> 40 Minutes</li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>
<p><b>14. Air Quality</b></p>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> Julie Mitchell</li> <li>• <b>Staff:</b> William Walters, P.E.</li> <li>• <b>CURE:</b> To be determined based on review of AFC Supplement; would occur at subsequent hearing.</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> No cross/no rebuttal</li> <li>• <b>Staff:</b> None</li> <li>• <b>CURE:</b> To be determined based on review of AFC Supplement; would occur at subsequent hearing.</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>

<p><b>15. Biological Resources</b></p>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> Pat Mock, Mike Fitzgerald, Michael Wood</li> <li>• <b>Staff:</b> Counsel will summarize status</li>   <li>• <b>CURE:</b> Scott Cashen and Vernon Bleich by phone: witness(es) will sponsor revised testimony in person at subsequent hearing.</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> 2 hrs cross/2 hrs rebuttal</li> <li>• <b>Staff:</b> Staff will conduct its cross examination on this topic at a subsequent hearing.</li> <li>• <b>CURE:</b> CURE will conduct cross examination on this topic at a subsequent hearing.</li>   <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani</b></li> </ul>
<p><b>16. Soil and Water Resources</b></p>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> Matt Moore, Robert Scott</li> <li>• <b>Staff:</b> Counsel will summarize status</li>   <li>• <b>CURE:</b> Chris Bowles, Chris Campbell by phone; witness(es) will sponsor revised testimony at subsequent hearing.</li> <li>• <b>Budlong:</b> Edie Harmon</li> <li>• <b>CNPS</b></li> <li>• <b>Alimamaghani:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> 1 hr cross/2 hrs rebuttal</li> <li>• <b>Staff:</b> Staff will conduct all its cross examination on this topic at a subsequent hearing.</li> <li>• <b>CURE:</b> CURE will conduct cross examination on this topic at a subsequent hearing.</li>   <li>• <b>Budlong:</b> 60 minutes. Optionally can defer until subsequent hearing.</li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>
<p><b>17. Cultural Resources</b></p>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> Rebecca Apple</li> <li>• <b>Staff:</b> Counsel will summarize status</li>   <li>• <b>CURE:</b> Bridget Nash by phone; witness(es) will sponsor revised testimony at subsequent hearing.</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> /2 hr cross/1/2 hr rebuttal</li> <li>• <b>Staff:</b> Staff will conduct its cross examination on this topic at a subsequent hearing.</li> <li>• <b>CURE:</b> CURE will conduct cross examination on this topic at a subsequent hearing.</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>
<p><b>18. Land Use</b></p>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> Seth Hopkins</li> <li>• <b>Staff:</b> Susanne Huerta and Negar Vahidi</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> No cross/no rebuttal</li> <li>• <b>Staff:</b> None</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>

<p><b>19. Noise and Vibration</b></p>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> Mark Storm</li> <li>• <b>Staff:</b> Erin Bright</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> No cross/no rebuttal</li> <li>• <b>Staff:</b> None</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>
<p><b>20. Visual Resources</b></p>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> Seth Hopkins</li> <li>• <b>Staff:</b> William Kanemoto, James Jewell</li> <li>• <b>CURE:</b> None</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> No cross/no rebuttal</li> <li>• <b>Staff:</b> None</li> <li>• <b>CURE:</b> 10 Minutes</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>
<p><b>21. Alternatives</b></p>	<ul style="list-style-type: none"> <li>• <b>Applicant:</b> Carolyn Dunmire, Marc Van Patten</li> <li>• <b>Staff:</b> Counsel will summarize status</li>   <li>• <b>CURE:</b> : Witness(es) will sponsor revised testimony at subsequent hearing.</li> <li>• <b>Budlong:</b></li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Applicant :</b> 1/2 hr cross/ ½ hr rebuttal</li> <li>• <b>Staff:</b> Staff will conduct its cross examination on this topic at a subsequent hearing.</li>   <li>• <b>CURE:</b> CURE will conduct cross examination on this topic at a subsequent hearing.</li> <li>• <b>Budlong:</b> Examination at subsequent hearing.</li> <li>• <b>CNPS:</b></li> <li>• <b>Alimamaghani:</b></li> </ul>