



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

DOCKET 08-AFC-5
DATE _____
RECD. Jan 11, 2011

EXHIBIT LIST

*All listed exhibits were received into evidence at the Evidentiary
Hearing on August 16, 2010*

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 NO2 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

- EXHIBIT 115** Applicant's Submittal of Rebuttal Testimony Declarations submitted May 10, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 116** Applicant's Submittal of Testimony Compilation Declarations submitted May 17, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 117** Applicant's Revised Proposed Conditions of Certification submitted May 26, 2010 For Visual Resources. Sponsored by Applicant and received into evidence on
- EXHIBIT 118** Letter from Imperial County Planning Department to Dan Boyer submitted May 27, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 119** 404B-1 Alternatives Analysis for Imperial Valley Solar Project, July 13, 2010, dated June 3, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 120** Computation of Local Scour on Streambed Induced by SunCatchers, July 13, 2010, dated May 28, 2010 Sponsored by Applicant and received into evidence on
- EXHIBIT 121** Evaluation of Engineering Impacts of Revised Plan of Development, July 13, 2010. Site Plan, and Fencing Design for Solar 2 Site and Recommendations for Impact Mitigation, dated May 25, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 122** Applicant's Requested Changes to Conditions July 21, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 123** Letter from the BLM on Estimated Mitigation Funds, dated July 21, 2010. December 7, 2009. Sponsored by Applicant and received into evidence on
- EXHIBIT 124** Applicant's Brief Regarding Land Use Issues, dated June 10, 2010 June 10, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 125** Groundwater Well Registration for the Dan Boyer Water Company July 15, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 126** Declaration from Dan Boyer, dated July 16, 2010 July 21, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 127** Letter from David Dale, Seeley County Water District, dated July 21, 2010 July 19, 2010. Sponsored by Applicant and received into evidence on

- EXHIBIT 128** Email from Imperial Irrigation District, dated June 16, 2010 July 21, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 129** 404B-1 Alternatives Analysis for Imperial Valley Solar Project, July 21, 2010, dated July 16, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 130** Prepared Rebuttal Testimony of Marc Van Patten submitted July 26, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 131** Prepared Rebuttal Testimony of Julie Mitchell submitted July 26, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 132** Prepared Rebuttal Testimony of Sean Gallagher submitted July 26, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 133** Major Project changes to Reduce Environmental Impacts submitted July 26, 2010 and/or respond to Agency concerns. Sponsored by Applicant and received into evidence on
- EXHIBIT 134** SSA Conditions of Certification Applicant Agrees and Disagrees submitted July 26, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 135** Applicant's Proposed Changes to COC BIO-10 submitted July 26, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 136** Applicant's Proposed Changes to COC BIO-17 submitted July 26, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 137** Applicant's Proposed Changes to COC BIO-19 submitted July 26, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 138** Applicant's Proposed Changes to COC SOIL & WATER-7 submitted July 26, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 139** Applicant's Proposed Changes to COC Worker Safety-7 submitted July 26, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 140** Prepared Rebuttal Testimony for Robert Scott Prepared Rebuttal Testimony for Robert Scot submitted July 26, 2010 July 26, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 141** Prepared Rebuttal Testimony for Dr. Howard Chang submitted July 26, 2010. Sponsored by Applicant and received into evidence on

- EXHIBIT 142** Prepared Rebuttal Testimony for Dr. Patrick Mock submitted July 27, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 143** Prepared Rebuttal Testimony for Mike Fitzgerald July 27, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 144** Letter from Imperial County Fire Department submitted July 27, 2010. Sponsored by Applicant and received into evidence on
- EXHIBIT 145** Prepared Rebuttal Testimony for Waymon Votaw submitted July 27, 2010. Sponsored by Applicant and received into evidence on
- Exhibit 146** Air Quality Modeling Analysis Demonstrating Compliance with California 1-Hour NO2 Standard During First Year Construction. Sponsored by Applicant and received into evidence on
- Exhibit 147** Imperial Valley Solar Revised Conditions. Sponsored by Applicant and received into evidence on
- Exhibit 148** Applicant's Submittal of Phase I Initial Disturbance Area. Sponsored by Applicant and received into evidence on
- Exhibit 149** Applicant's Submittal of Estimated First Year Construction Water Use. Sponsored by Applicant and received into evidence on
- Exhibit 150** Applicant's Late Spring Survey Results. Sponsored by Applicant and received into evidence on

ENERGY COMMISSION STAFF EXHIBITS

- EXHIBIT 300** Staff Assessment. Sponsored by Staff and received into evidence on
- EXHIBIT 301** Appendix 1, Seeley Wastewater Reclamation Facility Improvements. Sponsored by Staff and received into evidence on
- EXHIBIT 302** Supplemental Staff Assessment, dated July 7, 2010. Sponsored by Staff and received into evidence on
- EXHIBIT 303** Staff's Rebuttal Testimony and Errata, dated July 21, 2010. Sponsored by Staff and received into evidence on
- EXHIBIT 304** Stipulation of Staff and Applicant on **WORKER SAFETY-7** and **-8**. Sponsored by Staff and received into evidence on

- EXHIBIT 305** "Hoffman Study" - Memorandum from Stanley R. Hoffman Associates, Inc. to Gerry Newcombe and Chief Peter Brierty dated June 30, 2010 Re: Estimated Allocation of Fire Facility Costs to Proposed Solar Energy Installations. Sponsored by Staff and received into evidence on
- EXHIBIT 306** Final Determination of Compliance. Sponsored by Staff and received into evidence on
- EXHIBIT 307** Cultural SSA dated August 2, 2010. Sponsored by Staff and received into evidence on
- EXHIBIT 308** Document entitled "Agreed-Upon Changes to Conditions of Certification" distributed at August 16 Evidentiary Hearing. Sponsored by Staff and received into evidence on
- EXHIBIT 309** Grant & Doherty Report. Sponsored by Staff and received into evidence on
- EXHIBIT 310** FTHL Rangewide Management Strategy. Sponsored by Staff and received into evidence on
- EXHIBIT 311** Staff- submitted documents pertaining to Identification of Parcels of Land. 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. Toweill, 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
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- EXHIBIT 627** California Legislature
 e. Senate Bill No. 1217
 f. Senate Bill No. 654
 g. Senate Bill No. 317
 h. Senate Bill No. 277 – Salton Sea Restoration Act.
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- EXHIBIT 628** Salton Sea Ecosystem Draft PEIR, Appendix E, Attachment E3, Evaluation of Playa Dust Emissions (PM10), 2006. Sponsored by Intervenor California Native Plant Society and received into evidence on
- EXHIBIT 629** Wind Storm Photos and Meteorological Data, Borrego Springs, CA, February 3, 2008. Sponsored by Intervenor California Native Plant Society and received into evidence on
- EXHIBIT 630** Wind Storm Photos and Meteorological Data, Borrego Springs, CA, May 9, 2010. Sponsored by Intervenor California Native Plant Society and received into evidence on
- EXHIBIT 631** Salton Sea Ecosystem Restoration Program Draft PEIR, Executive Summary, Volume I thru III. Sponsored by Intervenor California Native

- EXHIBIT 632** Plant Society and received into evidence on Salton Sea Ecosystem Restoration Program Final PEIR, Volume I and II. Sponsored by Intervenor California Native Plant Society and received into evidence on
- EXHIBIT 633** Salton Sea Ecosystem Restoration Program Preferred Alternative Report and Funding Plan. Sponsored by Intervenor California Native Plant Society and received into evidence on
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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