State Water Resources Control Board Eagle Mountain Pumped Storage Project (FERC Project No.13123)

Responses to Comments on July 2010 Draft Environmental Impact Report (SCH #2009011010)

January 2013

Package 6 of 6

This package contains the literature cited in the responses to comments.

Literature Cited

- American Society of Testing and Materials (ATSM), 2000. Method 1915-97. Annual Book of ASTM Standards, 2000.
- Black & Veatch and Woodard-Clyde. 1998. Phase I Technical Feasibility Report for Offstream Storage on the Colorado River Aqueduct.
- California Department of Health Services, 2000. Environmental Health Investigations Branch, Electric and Magnetic Fields Long Fact Sheet, 2000.
- California Department of Water Resources (DWR). 1979. Sources of Powerplant Cooling Water in the Desert Area of Southern California Reconnaissance Study. Bulletin 91-24.
- California Department of Water Resources (DWR). 1975. California's Groundwater. Bulletin 118.
- California Energy Commission (CEC), 2002. Distributed Generation Strategic Plan. Energy Commission P-700-02-002.
- California Energy Commission (CEC), 2007. California Energy Demand 2008 2018 Staff Revised Forecast. Energy Commission-200-2007-015-SF2.

- California Energy Commission (CEC), 2002. California Energy Almanac, 2002.

 California Gross System Power

 http://www.energyalmanac.ca.gov/electricity/system_power/2002_gross_system_power.html
- California Energy Commission (CEC), 2003. California Energy Almanac, 2003.

 California Gross System Power

 http://www.energyalmanac.ca.gov/electricity/system_power/2003_gross_system_power.html
- California Energy Commission (CEC), 2004. California Energy Almanac, 2004.

 California Gross System Power

 http://www.energyalmanac.ca.gov/electricity/system_power/2004_gross_system_power.html
- California Energy Commission (CEC), 2005. California Energy Almanac, 2005.

 California Gross System Power

 http://www.energyalmanac.ca.gov/electricity/system_power/2005_gross_system_power.html
- California Energy Commission (CEC), 2006. California Energy Almanac, 2006.

 California Gross System Power

 http://www.energyalmanac.ca.gov/electricity/system_power/2006_gross_system_power.html
- California Energy Commission (CEC), 2007. California Energy Almanac, 2007. Total Electricity System Power http://www.energyalmanac.ca.gov/electricity/system_power/2007_total_system_power.html
- California Energy Commission (CEC), 2008. California Energy Almanac, 2008. Total Electricity System Power

 http://www.energyalmanac.ca.gov/electricity/system_power/2008_total_system_power.html
- California Energy Commission (CEC), 2009. California Energy Almanac, 2009. Total Electricity System Power

 http://www.energyalmanac.ca.gov/electricity/system_power/2009_total_system_power.html
- California Energy Commission (CEC), 2009. California Energy Commission Staff Workshop on Energy Storage Technologies, April 2, 2009.

- California Energy Commission, (CEC), 2009. Integrated Energy Policy Report, Final Commission Report, December 2009, CEC -100-2009-003-CMF.
- California Energy Commission (CEC), 2010. Comparative Costs of California Central Station Electricity Generation. Final Staff Report. January 2010. CEC-200-2009-07SF.
- California Environmental Quality Act (CEQA) Guidelines. 2009. Appendix G, Environmental Checklist Form. California Natural Resources Agency. http://ceres.ca.gov/ceqa/guidelines/Appendix_G.html
- California Public Utilities Commission (CPUC), 2010. Devers-Mirage 115kV Subtransmission System Split Project Draft Environmental Impact Report, January 2010.
- California Public Utilities Commission (CPUC), 2006. EMF Design Guidelines for Electrical Facilities, July 21, 2006.
- California Public Utilities Commission (CPUC), 2006. Decision 06-06-063, "Interim Opinion: 2006 Update of Avoided Costs and Related Issues Pertaining to Energy Efficiency Resources," June 29, 2006, p.43.
- California Stormwater Quality Association. 2003. Stormwater Best Management Practice Handbooks. Menlo Park, California.
- Circle Mountain Biological Consultants, 1996. Biological Technical Report for the Eagle Mountain Landfill Project, February 1996.
- Das, B. M. 2002. Principles of Geotechnical Engineering. Fifth Edition. Brooks/Cole. Pacific Grove, CA.
- Davisson, M.L. and T.P. Rose, 2000. A Calibrated Maxey-Eakin Curve for the Fenner Basin of the Eastern Mojave Desert, California. U.S. Department of Energy, Laurence Livermore National Laboratory. May 15, 2000.
- Federal Energy Regulatory Commission (FERC), 2008. Preparing Environmental Documents Guidelines for Applicants, Contractors, and Staff. Published by the FERC, Washington, D.C. September 2008.
- Federal Energy Regulatory Commission (FERC), 2009. Division of Dam Safety and Inspections. FERC Security Program for Hydropower Projects Revision 2 (6/3/2009)

- Federal Energy Regulatory Commission (FERC). 2012. Engineering Guidelines for the Evaluation of Hydropower Projects. http://www.ferc.gov/industries/hydropower/safety/guidelines/eng-guide.asp
- Freeze, R.A. and J.A. Cherry, 1979. Groundwater. Prentice Hall, Englewood Cliffs, NJ.
- GeoSyntec, 1992. Report of Waste Discharge, Eagle Mountain Landfill and Recycling Center. Prepared for Mine Reclamation Corporation, Palm Desert, California. Prepared by GeoSyntec Consultants, Huntington Beach, California.
- GeoSyntec Consultants, 1999. Report of Disposal Site Information, Eagle Mountain Landfill and Recycling Center, Desert Center, California. Volume 1. Prepared by GeoSyntec Consultants, Huntington Beach, California.
- GeoPentech. 2003. Upper Chuckwalla Groundwater Basin Storage, Draft Report. Produced for Metropolitan Water District of Southern California.
- Greystone, 1994. Source, Anticipated Impacts, and Possible Mitigation Measures Associated with the Water Supply for the Eagle Mountain Pumped Storage Project.
- Hanson, James C., 1992. Letter of Geothermal Surveys, Inc. Groundwater Conditions Eagle Mountain Area.
- Hightower, M. and G. Brown, 2004. Evaporation Suppression Research and Applications for Water Management. Identifying Technologies to Improve Regional Water Stewardship: North-Middle Rio Grande Corridor 21-22 April 2004. http://www.unm.edu/~cstp/Reports/H2O_Session_2/2-1-Hightower.pdf
- Hudson, G.B., J.E. Moran, and G.F. Eaton, 2002. Interpretation of Tritium ³Helium Groundwater Ages and Associated Nobel Gas Results from Public Water Supply Wells in the Los Angeles Physiographic Basin, Report to the California State Water Resources Control Board, December 2002.
- Hawkins, David, California Independent Systems Operator (ISO), 2009. Lead Renewables Power Engineer, Meeting at Cal ISO on March 6, 2009.
- ITron, Inc., 2010. Impacts of Distributed Generation. Prepared for: California Public Utilities Commission Energy Division Staff. Prepared by: Itron, Inc. 2800 Fifth Street, Suite 110 Davis, California 95618.
- Kaiser Ventures, LLC., 2011. Quarterly Report Under Section 13 OR 15(d) of the Securities Exchange Act of 1934 for the Quarterly Period Ended March 31, 2011. Filed with the Securities and Exchange Commission, dated May 5, 2011.

- Kaiser Ventures, LLC., 2010. Quarterly Report Under Section 13 or 15(d) of the Securities Exchange Act of 1934 for the Quarterly Period Ended June 30, 2010. Filed with the Securities and Exchange Commission, Washington, D.C. Commission File Number 000-33433.
- Kaiser Ventures, LLC., 2012. Annual Report Under Section 13 or 15(d) of the Securities Exchange Act of 1934 for the Fiscal Year Ended December 31, 2011. Filed with the Securities and Exchange Commission, Washington, D.C. March 31, 2012. Commission File Number 000-33433.
- Mann, John F. Jr. 1986. Groundwater Conditions in the Eagle Mountain Area.
- McCarthy, Regina, 2010. Assistant Administrator for Air and Radiation, U.S. EPA, Declaration to the United States Court of Appeals, December 8, 2010. Accessed at: http://www.epa.gov/air/ozonepollution/pdfs/20101208declaration.pdf.
- Metropolitan Water District of Southern California. 2012. Annual Progress Report to the California State Legislature Achievements in Conservation, Recycling and Groundwater Recharge. Los Angeles, CA.
- National Fire Protection Association's (NFPA) National Electrical Code (NEC) Current Edition 2011.

 http://www.nfpa.org/aboutthecodes/AboutTheCodes.asp?DocNum=70
- Nishikawa, T. Izbicki, J.A., Hevesi, J.A., Stamos, C.L., and Martin, P., 2004, Evaluation of Geohydrologic Framework, Recharge Estimates, and Ground-Water Flow of the Joshua Tree Area, San Bernardino County, California: U.S. Geological Survey Scientific Investigations Report 2004–5267, 115 p.
- Pace Global. 2011. Personal communication from Patrick Augustine, Director, Consulting Services, Pace Global to Stephen Lowe, President, Eagle Crest Energy Company. Email June 11, 2011, California Supply Curve.
- Pacific Gas and Electric Company (PG&E), 1999. Tri-Valley 2000 Capacity Increase Project Proponent's Environmental Assessment, Chapter 17, Corona and Induced Current Effects, November 1999. Page 17-3 Accessed at: http://www.cpuc.ca.gov/Environment/info/aspen/tri-valley/17%20-%20Corona%20and%20Induced%20Current%20Effects.pdf.
- RECON. 1992. Biological Assessment for the Eagle Mountain Landfill Project. Prepared for the Bureau of Land Management, Palm Springs, CA. 102 pp.

- Regional Water Quality Control Board and State Water Resources Control Board (RWQCB, SWRCB), 2011. Water Quality Control Plan. Colorado River Basin Region 7. Includes Amendments Adopted by the Regional Board through 2011.
- Riverside County, 1997. Eagle Mountain Landfill Specific Plan #305. January 1997. Approved September 8, 1997.
- Sacramento Bee, 2010. U.S. Supreme Court to Hear California Prison Overcrowding Case Today. November 30, 2010.
- Schmidt, E., 2009. Reducing Evaporation Losses. International Water and Power Construction. October 2009.
- SCS Engineers. 1990. Background Groundwater Quality Monitoring Program. Eagle Mountain California. Cited in Eagle Mountain Landfill and Recycling Center EIS/EIR.
- Sobek, A.A., Schuller, W.A., Freeman, J.R., Smith, R.M., 1978. Field and Laboratory Methods Applicable to Overburden and Mine Soils. EPA 600/2-78-054.
- Southern California Edison, 2010. Electro Magnetic Fields Answers to Commonly Asked Questions. Accessed online on December 3, 2012. (http://www.sce.com/Safety/everyone/electric-magnetic-fields.html)
- State Water Resources Control Board (SWRCB), 1998. Amended 2006. Resolution No. 88-63 (as revised by Resolution No. 2006-0008). Adoption of Policy Entitled, "Sources of Drinking Water." From the SWRCB May 19, 1998 meeting, and amended on February 1, 2006.
- State Water Resources Control Board (SWRCB), 1975. Resolution No. 75-58, Water Quality Control Policy on the Use and Disposal of Inland Water Used for Powerpant Cooling. Adopted June 19, 1975.
- Tracy, Don, 2011. Associate Civil Engineer, Flood Control District, Riverside County. January 20, 2011. Personal communication with Ginger Gillin, GEI Consultants, Inc.
- Turner, R. M., and D. E. Brown. 1982. 154.1 Sonoran desertscrub. Pages 181-221 In D.E. Brown, ed. Biotic communities of the American southwest-United States and Mexico. Desert Plants 4.
- U.S. Army Corps of Engineers Manual No. 1110-2-3006: Engineering and Design of Hydroelectric Power Plants Electrical Design, dated June 30, 1994.

- U.S. Army Corps of Engineer's Engineer Manual (EM) 1110-2-4205 Engineering and Design Hydroelectric Power Plants Mechanical Design, dated June, 30 1995.
- U.S. Department of Interior, Bureau of Land Management (BLM) and California Energy Commission (CEC), 2010. Palen Solar Power Project Draft EIS. Staff Assessment and Draft Environmental Impact Statement. May 2010.
- U.S. Department of Interior, Bureau of Land Management (BLM), 2010. Plan Amendment / Final EIS for the Genesis Solar Energy Project. August 2010.
- U.S. Department of Interior, Bureau of Land Management, and State of California Energy Commission (BLM, CEC). 2010. Staff Assessment and Environmental Impact Statement Genesis Solar Energy Project. Application for Certification (09-AFC-8), Riverside County, March 2010. CEC-700-2010-006.
- U.S. Department of Interior, Bureau of Land Management, and State of California Energy Commission (BLM, CEC). 2010. Staff Assessment and Draft Environmental Impact Statement Palen Solar Energy Project. Application for Certification (09-AFC-7) March 2010. CEC-700-2010-007.
- U.S. Department of Interior, Bureau of Land Management (BLM), Palm Springs South Coast Field Office, 2010. Record of Decision, Blythe Solar Power Project and Amendment to the California Desert Conservation Area Plan. October 2010. Riverside County, California. Environmental Impact Statement FES 10-41, Case File Number: CACA 048811. BLM Publication Index Number: BLM/CA/ES-2010-015+1793, NEPA Tracking Number: DOI-BLM-CA-060-0010-0013-EIS. October 2010. http://www.blm.gov/pgdata/etc/medialib/blm/ca/pdf/palmsprings/blythe_feis0.Par.
 - 18342.File.dat/Blythe_ROD_FINAL.pdf
- U.S. Department of Interior, Bureau of Land Management (BLM), Palm Springs South Coast Field Office, 2011. CACA–17905, LLCAD06000 L51010000 ER0000 LVRWB09B1820. Notice of Availability of the Record of Decision for the Southern California Edison Company Devers-Palo Verde No. 2 Transmission Line Project, California. Federal Register, Volume 76, Number 138, page 42725.
- U.S. Department of Interior, Bureau of Land Management (BLM) and County of Riverside Planning Department (Riverside County), 1996. Draft Environmental Impact Statement/ Environmental Impact Report for the Eagle Mountain Landfill and Recycling Center Project. Prepared by CH2MHill. State Clearinghouse No. 95052023.
- U.S. Department of the Interior, Bureau of Reclamation (BOR), Lower Colorado Regional Office, Boulder City, Nevada, 2010. Letter to Ms. Rachael E. Koss,

- Adams Broadwell Joseph and Cardozo, South San Francisco CA. December 14, 2010. Subject: Genesis Solar Energy Project (Your letter dated November 4, 2010).
- U.S. Department of the Interior, National Park Service (NPS), 1994. Memorandum.
- U.S. Environmental Protection Agency (USEPA), 2006. SF6 Leak Rates from High Voltage Circuit Breakers U.S. EPA Investigates Potential Greenhouse Gas Emissions Source. IEEE Power Engineering Society General Meeting, Montreal, Quebec, Canada, June 2006. Obtained online (http://www.epa.gov/electricpower-sf6/documents/leakrates_circuitbreakers.pdf).
- U.S. Environmental Protection Agency (USEPA), 2011. Integrated Review Plan for the Ozone National Ambient Air Quality Standards. Publication No. EPA-452/R-11-006 April 2011.
- U.S. Fish and Wildlife Service (USFWS), 2010a. USFWS white paper providing guidance for the development of project-specific avian and bat protection plans for renewable energy facilities. Unpub. Memorandum. August 3, 2010. 13 pp.
- U.S. Fish and Wildlife Service (USFWS), 2010b. Eagle Act consultation for renewable energy projects. Unpub. Memorandum. August 26, 2010. 10 pp.
- U.S. Fish and Wildlife Service (USFWS), 1996. Letter from Gail C. Kobetich, Field Supervisor, Carlsbad Field Office of the USFWS to Henri R. Bisson, District Manager, California Desert District Office, BLM, Riverside, California, dated September 30, 1996.
- U.S. Fish and Wildlife Service (USFWS), 1993. Letter from the Field Supervisor, Carlsbad Field Office, USFWS to the California State Director, BLM dated September 30, 1993.
- U.S. Fish and Wildlife Service (USFWS), 1992. Biological Opinion (BO) for the Eagle Mountain Landfill Project (1-6-92-F-39), September 10, 1992.
- U.S. Geological Survey (USGS), 1994. Water-Resources Investigations Report 1994-4005.
- U.S. Geological Survey (USGS), 2004. USGS Scientific Investigations Report 2004-5267.
- U.S. Geological Survey (USGS), 2008a. Scientific Investigations Report 2008-5113.
- U.S. Geological Survey (USGS), 2008b. Scientific Investigations Report 2008-5189.

- U.S. Geological Survey (USGS), 1967. Water Supply Paper 1662-D. Specific yield—compilation of specific yields for various materials. Johnson, A. I. 1967.
- Wilson, R.P., and Owen-Joyce, S.J. 1994. Method to identify wells that yield water that will be replaced by Colorado River water in Arizona, California, Nevada, and Utah. United States Geologic Survey. Water Resources Investigation Report 94-4005.
- Winograd, I. J., and Thordarson, W., 1975. Hydrogeologic and hydrochemical framework, south-central Great Basin, Nevada-California, with special reference to the Nevada Test Site. U. S. Geological Survey, Professional Paper 712-C. 125 pp.