

**Mitigation Monitoring and Reporting Program
for the Supplement to the 2011 General Plan Update Program
Environmental Impact Report for the**

**Climate Action Plan, General Plan Amendment, GHG Threshold,
and Guidelines for Determining Significance for Climate Change**

EIR # PDS2016-ER-16-00-003

State Clearinghouse #2016101055

PREPARED FOR:

County of San Diego Planning & Development Services Department

5510 Overland Avenue, Suite 310

San Diego, CA 92123

CONTACT:

Darin Neufeld, Planning Manager

Telephone: (858) 694-3455

darin.neufeld@sdcounty.ca.gov

PREPARED BY:

Ascent Environmental, Inc.

600 B Street, Suite 300

San Diego, CA 92101

CONTACT:

Amanda Olekszulin, Project Manager

Telephone: (916) 930-3183

amanda.olekszulin@ascentenvironmental.com

January 2018

MITIGATION MONITORING AND REPORTING PROGRAM

The following Mitigation Monitoring and Reporting Program (MMRP) has been prepared in compliance with the California Environmental Quality Act (CEQA) and the State CEQA Guidelines to provide for the monitoring of mitigation measures required of the County of San Diego (County) Climate Action Plan (CAP), an associated General Plan Amendment to the County's General Plan and revision to the associated mitigation monitoring and reporting program, a threshold of significance for greenhouse gases (GHG Threshold), and a revised Guidelines for Determining Significance for Climate Change (Guidelines). All actions constitute "the project". In addition, the Guidelines reference the Report Format and Content Requirements. The project was evaluated in the Supplemental Environmental Impact Report (Final SEIR) to the 2011 General Plan Update Program EIR (2011 GPU PEIR).

Section 21081.6 of the California Public Resources Code and Section 15091(d) and 15097 of the State CEQA Guidelines require public agencies "to adopt a reporting or monitoring program for changes to the project which it has adopted or made conditions of project approval in order to mitigate or avoid significant effects on the environment." An MMRP is required for the project because the EIR for the project identified potentially significant adverse impacts related to construction and operation of the project, and mitigation measures have been identified to reduce most of those impacts to a less-than-significant-level.

This MMRP will be adopted by the County of San Diego Board of Supervisors when it approves the project and will be kept on file at the County of San Diego Planning & Development Services Department, 5510 Overland Ave, Suite 310, San Diego, CA 92123.

This MMRP is to be used by the County of San Diego to ensure that adopted mitigation measures identified in the Final SEIR are implemented and that implementation is documented. The MMRP is presented in tabular format. The table columns contain the following information:

Mitigation Measure: Provides the text of the mitigation measures (by issue area), as provided in the Final SEIR, each of which has been adopted and incorporated into the project.

Mitigation Funding: Lists the anticipated funding mechanisms for the mitigation measure.

Timing: Identifies the timing of implementation of the mitigation measure. As this MMRP is for the Draft CAP, which is a "program" and does not propose any discrete project at this time, the timing column is intended to identify how this mitigation measure will be applied to future projects implemented in accordance with the CAP (hereafter "subsequent projects"). For example, a large-scale renewable energy project could be implemented after the adoption of the CAP. The timing column identifies how staff will review the subsequent project when there is an application for a discretionary permit, which reports will be required, how mitigation measures will be identified, and how those mitigation measures will be enforced and satisfied. Other mitigation measures will require County action upon adoption of the CAP. For example, internal processes or guidelines may need to be updated. Where this is the case, it is noted as such.

Responsibility: Identifies the County of San Diego Department or Division responsible for implementation of the mitigation measure.

Mitigation Measure	Mitigation Funding	Timing	Responsibility
Aesthetics			
<p><u>CAP Mitigation Measure M-AES-1:</u> During the environmental review process for future Major Use Permits (MUP) for all large-scale renewable energy projects, the County Guidelines for Determining Significance for Visual Resources and Dark Skies and Glare shall be applied. When aesthetic impacts are determined to be significant, feasible and appropriate project specific mitigation measures shall be incorporated. Examples of standard mitigation measures within the County Guidelines include: siting/location considerations; minimizing development and grading of steep slopes; natural screening and landscaping; undergrounding utilities; inclusion of buffers; and lighting restrictions.</p>	Applicant	Guidelines implemented during a subsequent project's environmental review process; mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as conditions of project approval prior to, during, and after construction (as applicable).	Planning & Development Services (PDS) to implement during MUP discretionary review process.
<p><u>CAP Mitigation Measure M-AES-2:</u> Require that a Lighting Mitigation Plan be prepared as part of the MUP discretionary review process for all large scale renewable energy projects. The Lighting Mitigation Plan would demonstrate that the design and installation of all permanent lighting for large wind turbines or large geothermal stacks ancillary facilities is such that light bulbs and reflectors are not visible from public viewing areas; lighting does not cause reflected glare; and illumination of the project facilities, vicinity, and nighttime sky is minimized. The Lighting Mitigation Plan would demonstrate consistency with the Light Pollution Code (Section 59.100 et al.) and Sections 6322 and 6324 of the Zoning Ordinance to ensure outdoor light fixtures emitting light into the night sky do not result in a detrimental effect on astronomical research and to ensure reflected glare and light trespass is minimized.</p>	Applicant	County review processes (i.e., forms, internal procedures) to be updated following CAP adoption to require Lighting Mitigation Plans for large-scale renewable energy projects; Plan will be required during subsequent project environmental review process; mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as conditions of project approval prior to, during, and after construction (as applicable).	PDS to implement during MUP discretionary review process.
<p><u>CAP Mitigation Measure M-AES-3:</u> Require that a Shadow Flicker Study be prepared as part of the MUP discretionary review process for all wind turbine projects. The Shadow Flicker Study would utilize a shadow flicker model run to determine the potential shadow flicker that could occur at sensitive receptors within 2,000 meters (6,562 feet) of the proposed turbines. For wind turbine projects, because some receptors may lie within 60° due north of the turbines, outside of the sun's path at any given point in the year, these receptors may be excluded from the study. Beyond 2,000 meters, the human eye would not be able to discern a shadow cast from a wind turbine for example. The modeling should utilize many different inputs including:</p> <ol style="list-style-type: none"> 1) Real Data <ul style="list-style-type: none"> • Actual coordinates of turbines • Actual coordinates of receptors • Actual topographic data 2) Conservative Assumptions 	Applicant	County review processes (i.e., forms, internal procedures) to be updated following CAP adoption to require Shadow Flicker Study for all wind turbine projects adjacent to sensitive receptors; Study will be required during subsequent environmental review process; mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as conditions of project approval prior to, during, and after construction (as applicable).	PDS to implement during MUP discretionary review process.

Mitigation Measure	Mitigation Funding	Timing	Responsibility
<ul style="list-style-type: none"> • Specifications of the turbines being considered with the highest hub height and longest rotor diameter • 100% turbine operation • No vegetative screening • Receptors can be impacted from all directions (i.e., “greenhouse mode”) <p>3) Realistic Features</p> <ul style="list-style-type: none"> • Actual wind data from a local meteorological tower to account for the percentage of time wind blows from each direction • National Weather Service sunshine probability data to approximate average cloud cover. 			
<p>This CAP MMRP is in addition to all applicable 2011 GPU policies including LU-6.6, LU-6.9, LU-10.2, LU-11.2, LU-12.4, COS-11.1, COS-11.3, COS-11.5, COS-11.7, COS-12.2, COS-13.1, COS-13.2, H-2.1 and all applicable 2011 GPU PEIR mitigation measures AES-1.2, AES-1.6, AES-1.7, AES-1.8, AES-1.9, and AES-4.1.</p>	Applicant or County	Applicable GPU policies and mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as conditions of project approval prior to, during, and after construction (as applicable).	PDS to implement at time of discretionary review

Agriculture and Forestry Resources

<p><u>CAP Mitigation Measure M-AGR-1:</u> During the environmental review process for future MUPs for large-scale renewable energy projects, the County Guidelines for Determining Significance for Agricultural Resources shall be applied. When impacts to Farmland are determined to be significant, feasible and appropriate project-specific mitigation measures shall be incorporated. Examples of standard mitigation measures within the County Guidelines include: avoidance of sensitive resources; preservation of habitat; revegetation; and resource management.</p>	Applicant	Guidelines implemented during a subsequent project’s environmental review process; mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as conditions of project approval prior to, during, and after construction (as applicable).	PDS to implement during MUP discretionary review process
<p><u>CAP Mitigation Measure M-AGR-2:</u> During the environmental review process for future MUPs for large-scale renewable energy projects, the County Guidelines for Determining Significance for Agriculture and Biological Resources shall be applied. When impacts to forest land are determined to be significant, feasible and appropriate project-specific mitigation measures shall be incorporated. Examples of standard mitigation measures within the County Guidelines include: avoidance of sensitive resources; preservation of habitat; revegetation; and resource management.</p>	Applicant	Guidelines implemented during a subsequent project’s environmental review process; mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as conditions of project approval prior to, during, and after construction (as applicable).	PDS to implement during MUP discretionary review process
<p>This CAP MMRP is in addition to all applicable 2011 GPU policies including LU-7.1, LU-7.2, COS-6.2, COS-6.4 and all applicable 2011 GPU PEIR</p>	Applicant or County	Applicable GPU policies and mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as	PDS to implement during discretionary

Mitigation Measure	Mitigation Funding	Timing	Responsibility
mitigation measures AGR-1.1, AGR-1.2, AGR-1.3, AGR-1.4, AGR-1.5, and AGR-2.1.		conditions of project approval prior to, during, and after construction (as applicable).	review process or to monitor and continue to implement
Air Quality			
<u>CAP Mitigation Measure M-AQ-1:</u> During the environmental review process for future discretionary permits for projects implemented under the CAP, the County Guidelines for Determining Significance for Air Quality shall be applied. When impacts are determined to be significant, feasible and appropriate project-specific mitigation measures shall be incorporated. Examples of standard mitigation measures within the County Guidelines include: dust control efforts; grading or fuel use restrictions; use of modified equipment; and restrictions on vehicle idling time.	Applicant	Guidelines implemented during a subsequent project's environmental review process; mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as conditions of project approval prior to, during, and after construction (as applicable).	PDS to implement during discretionary review process
<u>CAP Mitigation Measure M-AQ-2:</u> Coordinate with SDAPCD in implementing pending Rule 67.25 to reduce emissions and odors from composting operations. The rule is expected to establish best management practices for chipping and grinding of green waste to produce materials for composting or other uses, and to better manage stockpile operations to reduce emissions.	Air Pollution Control District (SDAPCD)	Expected adoption of the rule to occur in 2018-2019. SDAPCD to implement through inclusion of requirements in permits and/or registrations for projects utilizing composting operations.	SDAPCD to develop rule and implement by including requirements in APCD permits or registrations
<u>CAP Mitigation Measure M-AQ-3:</u> The County shall use the policies set forth in the CARB's Land Use and Air Quality Handbook as a guideline for siting new sources of odor related to solid waste.	Applicant	Handbook policies implemented during a subsequent project's environmental review process; mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as conditions of project approval prior to, during, and after construction (as applicable).	PDS to implement during discretionary review
<u>CAP Mitigation Measure M-AQ-4:</u> Require project applicants to conduct an odor impact analysis and incorporate control measures including but not limited to rapid incorporation of food waste and biweekly turnover to maintain aerobic conditions for open systems, and wet or dry scrubbers or bioscrubber systems on enclosed structures to reduce impacts.	Applicant	County review processes (i.e., forms, internal procedures) to be updated following CAP adoption to require odor analysis; will be required if needed during subsequent environmental review process; mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as conditions of project approval prior to, during, and after construction (as applicable).	PDS to implement during discretionary review

Mitigation Measure	Mitigation Funding	Timing	Responsibility
This CAP MMRP is in addition to all applicable 2011 GPU policies including COS-14.1, COS-14.2, COS-14.8, COS-14.9, COS-14.10, COS-15.1, COS-15.3, COS-15.4, COS-15.5, COS-15.6, COS-16.2, COS-16.3, COS-20.3, LU-2.8 and all applicable 2011 GPU PEIR mitigation measures AIR-2.1, AIR-2.2, AIR-2.3, AIR-2.4, AIR-2.5, AIR-2.6, AIR-2.7, AIR-2.8, AIR-2.9, AIR-2.10, AIR-2.11, AIR-2.12, AIR-2.13, AIR-4.1.	County	Applicable GPU policies and mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as conditions of project approval prior to, during, and after construction (as applicable).	PDS, SDAPCD, Department of General Services (DGS), or Department of Public Works (DPW) to implement
Biological Resources			
<u>CAP Mitigation Measure M-BIO-1:</u> During the environmental review process for future MUPs for large-scale renewable energy projects, the County Guidelines for Determining Significance for Biological Resources shall be applied. When impacts to biological resources are determined to be significant, feasible and appropriate project-specific mitigation measures shall be incorporated. Examples of standard mitigation measures within the County Guidelines include: avoidance of sensitive resources; preservation of habitat; revegetation; resource management; and restrictions on lighting, runoff, access, and/or noise.	Applicant	Guidelines implemented during a subsequent project's environmental review process; mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as conditions of project approval prior to, during, and after construction (as applicable).	PDS to implement during discretionary review
<u>CAP Mitigation Measure M-BIO-2:</u> Update the County Guidelines for Determining Significance for Biological Resources to include, or incorporate by reference, recommendations from the California Department of Fish and Wildlife, the Avian Power Line Interaction Committee, the USFWS Draft Guidance, and the California Energy Commission (e.g., California Guidelines for Reducing Impacts to Birds and Bats from Wind Energy Development). Examples of recommended mitigation measures include: site screening; pre-permitting monitoring; acoustic monitoring; buffer zone inclusion; reduction of foraging resources near turbines and transmission lines; specific lighting to reduce bird collisions; post-construction monitoring; and avian protection plans.	County and Applicant	Guidelines to be updated following CAP adoption to include recommendations; will be required during subsequent environmental review process; mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as conditions of project approval prior to, during, and after construction (as applicable).	PDS to update Guidelines and implement during the discretionary review process
This CAP MMRP is in addition to all applicable 2011 GPU policies including COS-1.1, COS-1.2, COS-1.3, COS-1.6, COS-1.7, COS-1.8, COS-1.9, COS-2.1, COS-2.2, COS-3.1, COS-3.2, LU-6.1, LU-6.2, LU-6.3, LU-6.6, LU-6.7, LU-10.2 and all applicable 2011 GPU PEIR mitigation measures BIO-1.2, BIO-1.3, BIO-1.4, BIO-1.5, BIO-1.6, BIO-1.7, BIO-2.1, BIO-2.2, BIO-2.3, and BIO-2.4.	County, Private, or Applicant	Applicable GPU policies and mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as conditions of project approval prior to, during, and after construction (as applicable).	PDS, DPW, or Department of Parks and Recreation (DPR) to implement

Mitigation Measure	Mitigation Funding	Timing	Responsibility
Cultural and Historic Resources			
<u>CAP Mitigation Measure M-CUL-1:</u> For all small-scale wind turbine projects, the County shall provide incentives through the Mills Act to encourage the restoration, renovation, or adaptive reuse of historic resources. This will be done by reaching out to property owners with identified historic resources to participate.	County, State or Private	County review processes (i.e., forms, internal procedures) to be updated following CAP adoption to include incentives and/or consultation; establish framework of eligible properties; determine best practices in consultation with property owners and to utilize existing incentives.	PDS to develop and implement outreach program
This CAP MMRP is in addition to all applicable 2011 GPU policies including COS-7.1, COS-7.2, COS-7.3, COS-7.4, COS-7.5, COS-7.6, COS-8.1, COS-8.2, COS-9.1, COS-9.2 and all applicable 2011 GPU PEIR mitigation measures CUL-1.1, CUL-1.2, CUL-1.3, CUL-1.4, CUL-1.5, CUL-1.7, CUL-1.8, CUL-2.1, CUL-2.2, CUL-2.3, CUL-2.4, CUL-2.5, CUL-2.6, CUL-3.1, CUL-3.2, and CUL-4.1.	Applicant or County	Applicable GPU policies and mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as conditions of project approval prior to, during, and after construction (as applicable).	PDS, DGS, or DPR to implement.
Greenhouse Gases			
<p><u>CAP Mitigation Measure M-GHG-1:</u> The County shall require in-process and future GPAs to reduce their emissions to ensure that CAP emission forecasts are not substantially altered such that attainment of GHG reduction targets could not be achieved. Project applicants for in-process and future GPAs could accomplish this through two options, as outlined below:</p> <p><u>Option 1 (No Net Increase):</u> GPA project applicants shall achieve no net increase in GHG emissions from additional density above the 2011 GPU. Applicants shall be required in their respective CEQA documents to quantify the GHG emissions from their projects that exceed the GHG emissions for the 2011 GPU density or intensity forming the basis of the CAP emission forecasts (i.e., projections). This increase in emissions shall be reduced through on-site design features and mitigation measures and off-site mitigation, including purchase of carbon offset credits by the applicant. Applicants shall demonstrate compliance with relevant CAP measures as identified in the "CAP Consistency Review Checklist" in addition to all feasible on-site design features and mitigation measures. Off-site mitigation, including purchase of carbon offset credits, would be allowed after all feasible on-site design features and mitigation measures have been incorporated.</p> <p>For example, if 400 residential units were allowed under the 2011 GPU and a GPA proposes 500 residential units, the emissions for the additional 100 units would be calculated and offset through compliance with the CAP Consistency Review Checklist and additional feasible on-site measures and off-site measures, including the use of carbon offsets. The emissions associated with</p>	Applicant	PDS staff to implement following CAP adoption; PDS staff will review technical reports prepared by applicant/consultant to ensure consistency with Report Format and Guidelines and ensure that all feasible on-site design features and mitigation measures have been incorporated; the Director of PDS shall determine the geographic priorities of off-site carbon offset credits; offset credits shall be purchased prior to construction and operation of subsequent project.	PDS to implement at time of discretionary review

Mitigation Measure	Mitigation Funding	Timing	Responsibility
<p>the allowable density of 400 units would be mitigated through compliance with the CAP Consistency Review Checklist.</p> <p>The County will consider, to the satisfaction of the Director of Planning & Development Services (PDS), the following geographic priorities for GHG reduction features, and GHG reduction projects and programs: 1) project design features/on-site reduction measures; 2) off-site within the unincorporated areas of the County of San Diego; 3) off-site within the County of San Diego; 4) off-site within the State of California; 5) off-site within the United States; and 6) off-site internationally.</p> <p>Geographic priorities would focus first on local reduction features (including projects and programs that would reduce GHG emissions) to ensure that reduction efforts achieved locally would provide co-benefits. Depending on the carbon offset credit utilized, co-benefits may include reductions in criteria air pollutants, toxic air contaminants, energy demand, water consumption, health benefits, social benefits, and economic benefits. The GPA applicant or its designee shall first pursue offset projects and programs locally within unincorporated areas of the County of San Diego to the extent such carbon offset credits are available and are financially feasible, as reasonably determined by the Director of PDS.</p> <p>If carbon offset credits are provided as mitigation, the GPA applicant, or its designee, shall purchase and retire carbon offsets in a quantity sufficient to offset the net increase from GHG emissions above the density or intensity allowed in the 2011 GPU. This includes all GHG emissions from construction (including sequestration loss from vegetation removal) and operations.</p> <p>For the net increase of construction and operations GHG emissions, prior to County's issuance of the project's first grading permit (for construction GHG emissions) or first building permit (for operations GHG emissions) the GPA applicant, or its designee, shall provide evidence to the satisfaction of the Director PDS that the project applicant or its designee has purchased and retired carbon offset credits in a quantity sufficient to offset the net increase of construction and operations GHG emissions generated by the project. Operations emissions may be offset in phases, commensurate with the overall phasing of the project.</p> <p>Carbon offset credits must be purchased through any of the following: (i) a CARB-approved registry, such as the Climate Action Reserve, the American Carbon Registry, and the Verified Carbon Standard, (ii) any registry approved by CARB to act as a registry under the state's cap-and-trade program, (iii) through the CAPCOA GHG Rx and the SDAPCD, or (iv) if no registry is in existence as identified in options (i), (ii), or (iii), above, then any other</p>			

Mitigation Measure	Mitigation Funding	Timing	Responsibility
<p>reputable registry or entity that issues carbon offsets consistent with Cal. Health & Saf. Code section 38562(d)(1)), to the satisfaction of the Director of PDS.</p> <p><u>Option 2 (Net Zero):</u> GPA project applicants shall reduce all project GHG emissions to zero to achieve no net increase over baseline conditions (carbon neutrality). Project emissions shall be reduced to zero through on-site design features and mitigation measures and off-site mitigation, including purchase of carbon offset credits by the applicant or its designee. Applicants shall demonstrate compliance with relevant CAP measures as identified in the “CAP Consistency Review Checklist” before considering additional feasible on-site design features and mitigation measures. Off-site mitigation, including purchase of carbon offset credits, would be allowed after all feasible on-site design features and mitigation measures have been incorporated.</p> <p>The County will consider, to the satisfaction of the Director of Planning & Development Services (PDS), the following geographic priorities for GHG reduction features, and GHG reduction projects and programs: 1) project design features/on-site reduction measures; 2) off-site within the unincorporated areas of the County of San Diego; 3) off-site within the County of San Diego; 4) off-site within the State of California; 5) off-site within the United States; and 6) off-site internationally.</p> <p>Geographic priorities would focus first on local reduction features (including projects and programs that would reduce GHG emissions) to ensure that reduction efforts achieved locally would provide co-benefits. Depending on the carbon offset credit utilized, co-benefits may include reductions in criteria air pollutants, toxic air contaminants, energy demand, water consumption, health benefits, social benefits, and economic benefits. The GPA applicant or its designee shall first pursue offset projects and programs locally within unincorporated areas of the County of San Diego to the extent such carbon offset credits are available and are financially feasible, as reasonably determined by the Director of PDS.</p> <p>If carbon offset credits are provided as mitigation, the GPA applicant, or its designee, shall purchase and retire carbon offsets in a quantity sufficient to offset all GHG emissions from the project. This includes all GHG emissions from construction (including sequestration loss from vegetation removal) and operations.</p> <p>Prior to the County's issuance of the project's first grading permit (for construction GHG emissions) or first building permit (for operations GHG emissions) the GPA applicant, or its designee, shall provide evidence to the satisfaction of the Director of PDS that the project applicant or its designee</p>			

Mitigation Measure	Mitigation Funding	Timing	Responsibility
<p>has purchased and retired carbon offset credits in a quantity sufficient to offset all construction and operations GHG emissions generated by the project. Operations emissions may be offset in phases, commensurate with the overall phasing of the project.</p> <p>Carbon offset credits must be purchased through any of the following: (i) a CARB-approved registry, such as the Climate Action Reserve, the American Carbon Registry, and the Verified Carbon Standard, (ii) any registry approved by CARB to act as a registry under the state's cap-and-trade program, (iii) through the CAPCOA GHG Rx and the San Diego County Air Pollution Control District (APCD), or (iv) if no registry is in existence as identified in options (i), (ii), or (iii), above, then any other reputable registry or entity that issues carbon offsets consistent with Cal. Health & Saf. Code section 38562(d)(1)), to the satisfaction of the Director of PDS.</p>			
<p>This CAP MMRP is in addition to all applicable 2011 GPU policies including COS-10.7, COS-15.1, COS-15.2, COS-15.3, COS-17.1, COS-17.5, COS-18.2, COS-20.1, COS-20.2, COS-20.4 and all applicable 2011 GPU PEIR mitigation measures CC-1.1, CC-1.2, CC-1.3, CC-1.4, CC-1.5, CC-1.6, CC-1.7, CC-1.8, CC-1.9, CC-1.10, CC-1.11, CC-1.12, CC-1.13, CC-1.14, CC-1.15, CC-1.16, CC-1.17, CC-1.18, and CC-1.19.</p>	County, State, Private	Applicable GPU policies and mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as conditions of project approval prior to, during, and after construction (as applicable).	PDS, DPW, DPR, or Health and Human Services (HHS) to implement
Hazards and Hazardous Materials			
<p><u>CAP Mitigation Measure M-HAZ-1:</u> During the environmental review process for future discretionary permits for all renewable energy projects, the County Guidelines for Determining Significance for Wildland Fire & Fire Protection shall be applied. When impacts are determined to be significant, feasible and appropriate project-specific mitigation measures shall be incorporated. Examples of standard mitigation measures within the County Guidelines include: installation of fire suppression systems; sufficient on-site water storage; inclusion of fire management zones; and funded agreements with fire protection districts.</p>	Applicant	Guidelines implemented during a subsequent project's environmental review process; mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as conditions of project approval prior to, during, and after construction (as applicable).	PDS to implement during discretionary review
<p>This CAP MMRP also includes by reference all applicable 2011 GPU policies including LU-6.11, S-1.3, S-3.1, S-3.2, S-3.3, S-3.4, S-3.6, S-4.1, S-15.1, S-15.2, S-15.3, M-1.2, M-3.3, M-7.1 and all applicable 2011 GPU PEIR mitigation measures HAZ-1.1, HAZ-1.2, HAZ-1.3, HAZ-1.4, HAZ-1.5, HAZ-2.1, HAZ-3.1, HAZ-3.2, HAZ-3.3, HAZ-4.1, HAZ-4.2, HAZ-4.3, and HAZ-4.4.</p>	County	Applicable GPU policies and mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as conditions of project approval prior to, during, and after construction (as applicable).	PDS or DPW to implement

Mitigation Measure	Mitigation Funding	Timing	Responsibility
Hydrology and Water Quality			
This CAP MMRP is in addition to all applicable 2011 GPU policies including LU-6.5, LU-6.9, LU-6.10, LU-6.12, LU-8.1, LU-8.2, LU-13.1, LU-13.2, LU-14.1, LU-14.2, LU-14.3, LU-14.4, COS-4.1, COS-4.2, COS-4.3, COS-4.4, COS-5.1, COS-5.2, COS-5.3, COS-5.5, S-8.1, S-8.2, S-9.1, S-9.2, S-9.3, S-9.4, S-9.5, S-9.6, S-10.1, S-10.2, S-10.3, S-10.4, S-10.5, S-10.6 and all applicable 2011 GPU PEIR mitigation measures HYD-1.1, HYD-1.2, HYD-1.3, HYD-1.4, HYD-1.5, HYD-1.6, HYD-1.7, HYD-1.8, HYD-1.9, HYD-1.10, HYD-2.1, HYD-2.2, HYD-2.3, HYD-2.4, HYD-2.5, HYD-3.1, HYD-3.2, HYD-3.3, HYD-4.1, HYD-4.2, HYD-4.3, HYD-6.1, HYD-8.1, and HYD-8.2.	County or Utilities	Applicable GPU policies and mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as conditions of project approval prior to, during, and after construction (as applicable).	PDS, DPW, DPR, or Department of Environmental Health (DEH) to implement
Land Use and Planning			
This CAP MMRP is in addition to all applicable 2011 GPU policies including LU-2.1, LU-9.3, LU-9.10, LU-11.2, LU-12.4, H-2.1 and all applicable 2011 GPU PEIR mitigation measures LAN-1.1, LAN-1.2, and LAN-1.3.	County	Applicable GPU policies and mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as conditions of project approval prior to, during, and after construction (as applicable).	PDS or DPW to implement
Noise			
This CAP MMRP is in addition to all applicable 2011 GPU policies including LU-2.8, M-2.4, N-1.4, N-1.5, N-2.1, N-2.2, N-3.1, N-4.1, N-4.2, N-4.3, N-4.5, N-6.1, N-6.2, N-6.3, N-6.4, N-6.5, N-6.6, S-15.1 and all applicable 2011 GPU PEIR mitigation measures NOI-1.1, NOI-1.2, NOI-1.3, NOI-1.4, NOI-1.5, NOI-1.7, NOI-1.8, NOI-1.9, NOI-2.1, NOI-2.2, NOI-2.4, NOI-3.1, NOI-3.2, NOI-4.1, NOI-4.2, NOI-5.1, NOI-5.2, and NOI-5.3.	Applicant or County	Applicable GPU policies and mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as conditions of project approval prior to, during, and after construction (as applicable).	PDS or DPW to implement
Transportation and Traffic			
<u>CAP Mitigation Measure M-TRAF-1</u> : During the environmental review process for future Major Use Permits for all large-scale renewable energy projects, the County Guidelines for Determining Significance for Transportation and Traffic shall be applied. When traffic impacts are determined to be significant, feasible and appropriate project-specific mitigation measures shall be incorporated. Examples of standard mitigation measures within the County Guidelines include: traffic signal improvements; physical road improvements; street re-striping and parking prohibitions; fair share contributions toward	Applicant	Guidelines implemented during a subsequent project's environmental review process; mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as conditions of project approval prior to, during, and after construction (as applicable).	PDS to implement during MUP discretionary review

Mitigation Measure	Mitigation Funding	Timing	Responsibility
identified, funded and scheduled projects; and transportation demand management programs.			
This CAP MMRP is in addition to all applicable 2011 GPU policies including LU-2.8, LU-5.1, LU-5.4, LU-5.5, LU-6.9, LU-6.10, LU-9.8, LU-10.4, LU-11.6, LU-11.8, LU-12.2, M-1.1, M-1.2, M-1.3, M-2.1, M-2.2, M-2.3, M-3.1, M-3.2, M-3.3, M-4.2, M-4.3, M-4.4, M-4.5, M-4.6, M-5.1, M-5.2, M-8.1, M-8.2, M-8.3, M-8.4, M-8.5, M-8.6, M-8.7, M-8.8, M-9.1, M-9.2, M-9.3, M-9.4, M-10.1, M-10.2, M-10.3, M-10.4, M-11.1, M-11.2, M-11.3, M-11.4, M-11.5, M-11.6, M-11.7, S-3.4, S-3.5, S-14.1 and all applicable 2011 GPU PEIR mitigation measures TRA-1.1, TRA-1.2, TRA-1.3, TRA-1.4, TRA-1.5, TRA-1.6, TRA-1.7, TRA-2.1, TRA-3.1, TRA-4.1, TRA-4.2, TRA-4.3, TRA-4.4, TRA-5.1, TRA-5.2, TRA-5.3, TRA-6.1, TRA-6.2, TRA-6.3, TRA-6.4, TRA-6.5, TRA-6.6, TRA-6.7, TRA-6.8, and TRA-6.9.	County, State, or Federal	Applicable GPU policies and mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied as conditions of project approval prior to, during, and after construction (as applicable).	PDS, or DPW to implement
<u>CAP Mitigation Measure M-TCR-1:</u> Facilitate the identification of tribal cultural resources through field studies, collaboration with agencies, tribes, and institutions, such as the South Coastal Information Center, while maintaining the confidentiality of sensitive cultural information.	County	The County will continue to facilitate the identification of tribal cultural resources through the discretionary review process; County archaeologists currently coordinate with appropriate organization(s) for every discretionary project.	PDS and DPR to implement
<u>CAP Mitigation Measure M-TCR-2:</u> Require development to avoid tribal cultural resources, if feasible. If complete avoidance is not possible, require development to mitigate impacts to tribal cultural resources pursuant to Assembly Bill 52.	Applicant	The County will continue to require development to avoid tribal cultural resources through the discretionary review process; County archaeologists currently coordinate with appropriate organization(s) for every discretionary project.	PDS and DPR to implement at time of discretionary review
<u>CAP Mitigation Measure M-TCR-3:</u> Support the dedication of easements that protect tribal cultural resources.	Applicant	The County will continue to support the dedication of easements through the discretionary review process; County archaeologists currently coordinate with appropriate organization(s) for every discretionary project.	PDS and DPR to implement during discretionary review
<u>CAP Mitigation Measure M-TCR-4:</u> Protect significant tribal cultural resources through regional coordination and consultation with the Native American Heritage Commission and local tribal governments, including Senate Bill 18 and Assembly Bill 52 consultation.	County, State, Private	The County will continue to protect significant tribal cultural resources through the discretionary review process; County archaeologists currently coordinate with appropriate organization(s) for every discretionary project.	PDS and DPR to implement
This CAP MMRP is in addition to all applicable 2011 GPU policies including COS-7.4, COS-7.6 and all applicable 2011 GPU PEIR mitigation measures CUL-2.1, CUL-2.2, CUL-2.4, and CUL-2.6.	County, State, or Federal	Applicable GPU policies and mitigation measures evaluated during review of technical report and/or project design review; mitigation measures and/or project design features shall be satisfied prior to, during, and after construction (as applicable).	PDS, DGS, or DPR to implement