

SAN BERNARDINO
ASSOCIATED GOVERNMENTS
**SAN BERNARDINO COUNTY REGIONAL
GREENHOUSE GAS EMISSIONS
INVENTORIES AND REDUCTION PLAN**
Environmental Impact Report

SCH No. 2012111046

Volume I: Draft EIR (Chapter 1 to Section 4.0)

Prepared for



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Acronyms/Abbreviations

Acronym/Abbreviation	Definition
AB	Assembly Bill
AQMP	Air Quality Management Plan
BAU	business-as-usual scenario
CAA	Clean Air Act
CalGreen	California Green Building Standard Code, CCR Title 24, Part 6: California's Energy Efficiency Standards for Residential and Nonresidential Buildings
CARB	California Air Resources Board
CAT	California Action Team
CCAR	California Climate Action Registry
CCAT	California Climate Action Team
CCR	California Code of Regulations
CEC	California Energy Commission
CEESP	California Long-Term Energy Efficiency Strategic Plan
CFC	chlorofluorocarbons
CHP	Combined Heat and Power
CPUC	California Public Utilities Commission
CSI	California Solar Initiative
CWSRF	Clean Water State Revolving Funds
GHG	greenhouse gas
GWh	gigawatt-hours
HERO	Home Energy Renovation Opportunity
HFC	hydrofluorocarbons
kWh	kilowatt-hours
LED	low-emitting diode
MMBTU	million metric British thermal unit
MT CO ₂ e	metric tonne carbon dioxide equivalent
MWh	megawatt-hours
PSD	prevention of significant deterioration
RPS	Renewable Portfolio Standard
RTP	Regional Transportation Plan
SB	Senate Bill
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District

<i>Acronym/Abbreviation</i>	<i>Definition</i>
SCE	Southern California Edison
SCG	Southern California Gas Company
SCS	Sustainable Communities Strategy
SP	service population
USEPA	United States Environmental Protection Agency
UWMP	Urban Water Management Plan
VOC	volatile organic compounds

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CHAPTER 1 Introduction

The subject of this Draft Environmental Impact Report (Draft EIR) is the San Bernardino County Regional Greenhouse Gas Reduction Plan (Regional Reduction Plan or proposed project), which is a regional partnership of 21 cities and the San Bernardino Associated Governments (SANBAG) to reduce greenhouse gas (GHG) emissions within the region. The 21 Partnership Cities participating in the Regional Reduction Plan are Adelanto, Big Bear Lake, Chino, Chino Hills, Colton, Fontana, Grand Terrace, Hesperia, Highland, Loma Linda, Montclair, Needles, Ontario, Rancho Cucamonga, Redlands, Rialto, San Bernardino, Twentynine Palms, Victorville, Yucaipa, and Yucca Valley (Partnership Cities). The lead agency for the Regional Reduction Plan is the Planning Department, of SANBAG. A detailed description of the proposed project is contained in Chapter 3 (Project Description) of this Draft EIR.

Because the Regional Reduction Plan will require approval of certain discretionary actions by SANBAG and the Partnership Cities, the proposed project is subject to the California Environmental Quality Act (CEQA). SANBAG determined that the Regional Reduction Plan that an EIR should be prepared.

1.1 PURPOSE OF THE EIR

SANBAG has prepared this Draft EIR for the following purposes:

- To satisfy the requirements of CEQA (Public Resources Code, Sections 21000–21178) and the CEQA Guidelines (California Code of Regulations, Title 4, Chapter 14, Sections 15000–15387)
- To inform the general public, the local communities, and responsible and interested public agencies of the nature of the Regional Reduction Plan, possible environmental effects, possible measures to mitigate those effects, and alternatives to the proposed project
- To enable SANBAG and the Partnership Cities to consider environmental consequences when deciding whether to approve the Regional Reduction Plan
- To provide a basis for preparation of future environmental documents

The determination that SANBAG is the “lead agency” is made in accordance with CEQA Guidelines Sections 15051(d) and 15367, which define the lead agency when two or more public agencies share responsibility for carrying out or approving a project, the public agencies may by agreement designate an agency as Lead Agency. In the case of this proposed project, the 21 Partnership Cities and SANBAG have determined that SANBAG will be the Lead Agency. The facts and reasons supporting the determination that SANBAG is the proper Lead Agency under CEQA are set forth in Section 1.4 below.

This Draft EIR reflects the independent judgment of SANBAG regarding the potential environmental impacts, the level of significance of the impacts both before and after mitigation, and the mitigation measures proposed to reduce impacts.

As described in CEQA and the CEQA Guidelines, public agencies are charged with the duty to avoid or substantially lessen significant environmental impacts, where feasible. In discharging this duty, a public agency has an obligation to balance the project’s significant impacts on the environment with other conditions, including economic, social, technological, legal, and other benefits. This Draft EIR is an

informational document, the purpose of which is to (1) identify the potentially significant impacts of the proposed project on the environment and to indicate the manner in which those significant impacts can be avoided or significantly lessened; (2) to identify any significant and unavoidable adverse impacts that cannot be mitigated; and (3) to identify reasonable and feasible alternatives to the proposed project that would eliminate any significant adverse environmental impacts or reduce the impacts to a less-than-significant level.

The lead agency is required to consider the information in the EIR, along with any other relevant information, in making its decision on the Regional Reduction Plan. Although the EIR does not determine the ultimate decision that will be made regarding implementation of the proposed project, CEQA requires SANBAG to consider the information in the EIR and make findings regarding each significant effect in the EIR.

SANBAG will certify the EIR for the Regional Reduction Plan. Once certified, the EIR will serve as the base environmental document for the Regional Reduction Plan and will be used as a basis for decisions on development within the 21 Partnership Cities as responsible agencies under CEQA. Other agencies may also use this EIR in their review and approval process.

A responsible agency is an agency other than the lead agency that has a legal responsibility for also carrying out or approving a project if the agency wishes to adopt the project. A responsible agency must actively be involved in the lead agency's CEQA process, review the lead agency's CEQA documents, and make decisions on the project based on the lead agency's CEQA documents. (Pub. Res. Code Sec. 21069) A responsible agency will have to consider the lead agency's CEQA document in acting on its project approval and find the lead agency's CEQA document legally adequate. Section 1.4 below explains how the 21 Partnership Cities will act as responsible agencies relying on the EIR when considering adoption of their individual GHG Reduction Plans.

This Draft EIR was prepared in accordance with CEQA Guidelines Section 15151, which defines the standards for EIR adequacy:

An EIR should be prepared with a sufficient degree of analysis to provide decision makers with information which enables them to make a decision which intelligently takes account of environmental consequences. An evaluation of the environmental effects of a proposed project need not be exhaustive, but the sufficiency of an EIR is to be reviewed in the light of what is reasonably feasible. Disagreement among experts does not make an EIR inadequate, but the EIR would summarize the main points of disagreement among the experts. The courts have looked not for perfection, but for adequacy, completeness, and a good faith effort at full disclosure.

This EIR has been prepared as a Program EIR pursuant to CEQA Guidelines Section 15168. A Program EIR is an EIR that is prepared on a series of actions that can be characterized as one large project. As stated in the CEQA Guidelines, the use of a Program EIR can provide the following advantages:

1. Provide an occasion for a more exhaustive consideration of effects and alternatives than would be practical in an EIR on an individual action
2. Ensure consideration of cumulative impacts that might be slighted in a case-by-case analysis
3. Avoid duplicative reconsideration of basic policy considerations

4. Allow the Lead Agency and the 21 Partnership Cities to consider broad policy alternatives and program wide mitigation measures at an early time when the agency has greater flexibility to deal with basic problems or cumulative impacts
5. Allow reduction in paperwork

This EIR will review the existing conditions of the 21 Partnership Cities, analyze potential environmental impacts from implementation of the Regional Reduction Plan, identify policies from the Regional Reduction Plan that serve to reduce and minimize impacts, and identify mitigation measures, if necessary, to reduce potentially significant impacts of the Regional Reduction Plan. As the EIR does not focus on any specific development projects within the 21 Partnership Cities, subsequent activities in the Partnership Cities that involve individual projects must be examined in light of the Program EIR to determine whether any additional environmental review is necessary. If it is determined that an individual project would result in adverse impacts on the environment, an additional environmental document would then be required.

1.2 PROPOSED PROJECT

SANBAG and the 21 Partnership Cities are committed to providing a more livable, equitable and economically vibrant community through the reduction of greenhouse gas (GHG) emissions. By using energy more efficiently, harnessing renewable energy to power our buildings, recycling our waste, and enhancing access to sustainable transportation modes, we can keep dollars in our local economy, create new green jobs, and improve community quality of life. These efforts toward reducing GHG emission must be done in coordination with the 21 Partnership Cities' land use decisions.

The Regional Reduction Plan was designed under the premise that SANBAG, the Partnership Cities, and the communities they represent are uniquely capable of addressing emissions associated with sources under the Partnership Cities' jurisdictions. SANBAG and the Partnership Cities' emission reduction efforts should coordinate with the county and state strategies in order to accomplish emission reductions in an efficient and cost-effective manner.

The proposed project includes a set of baseline GHG emissions inventories, projections on future GHG emissions, and recommendations for GHG reduction strategies as a foundation for these efforts.

Implementation of the Regional Reduction Plan could result in construction of energy-generating facilities such as wind turbines and photovoltaic/solar arrays that would primarily be installed on rooftops of new or existing buildings. It is possible that some energy-generating facilities that would be considered public utility installations could be placed in other areas, subject to a conditional use permit. It could also result in energy-efficiency retrofits in residential, commercial, and industrial buildings throughout the Partnership Cities.

The Regional Reduction Plan achieves the purpose and goals described above by providing: an analysis of GHG emissions and sources attributable to the 21 Partnership Cities; estimates on how those emissions are expected to increase; recommends policies and actions that can reduce GHG emissions to meet state targets; and a template for implementation, tracking and reporting mechanisms that can be used by the 21 Partnership Cities to measure progress toward the goals. Individual city plans outlining policies and actions are analyzed and discussed in detail as separate chapters of this EIR.

1.3 SCOPE OF THE EIR

This EIR addresses the potential environmental effects of implementation of the proposed project within the jurisdictional areas of the 21 Partnership Cities and associated SOIs. As the Regional Reduction Plan is a comprehensive plan for reducing GHG emissions, the scope of the EIR includes an examination of all environmental issues that are considered in Appendix G of the 2012 CEQA Guidelines. In addition, the environmental issues analyzed in this document will include those areas determined to be potentially significant by the Notice of Preparation (NOP), responses to the NOP, and City staff. The NOP and comment letters received during the NOP review period are included in Appendix A of this EIR. The NOP identified that the EIR would address potential impacts to the following issue areas associated with implementation of the proposed project:

- Aesthetics
- Agricultural Resources
- Air Quality
- Biological Resources
- Cultural Resources
- Geology and Soils
- Greenhouse Gas Emissions
- Hazards/Hazardous Materials
- Hydrology and Water Quality
- Land Use/Planning
- Mineral Resources
- Noise
- Population and Housing
- Public Services
- Recreation
- Traffic and Circulation
- Utilities
- Mandatory Findings of Significance

In preparing the EIR, pertinent policies of the Regional Reduction Plan were evaluated for their ability to reduce impacts resulting from implementation of the Regional Reduction Plan. Regional and local agencies that regulate and provide services to the 21 Partnership Cities were also contacted for information. A list of references and persons consulted are provided at the end of each section.

Chapter 6 (Alternatives to the Proposed Project) of the EIR was prepared in accordance with CEQA Guidelines Section 15126.6, which requires an evaluation of a reasonable range of alternatives, including the No Project Alternative. It also identifies the “environmentally superior” alternative among the alternatives assessed.

1.4 LEAD, RESPONSIBLE, AND TRUSTEE AGENCIES

An informal project partnership, led by SANBAG, is cooperating in the Regional Reduction Plan that could be adopted by the 21 Partnership cities within San Bernardino County. Per the CEQA Guidelines, this EIR defines lead, responsible, and trustee agencies. SANBAG is the lead agency for the proposed

project because the 21 Partnership Cities designated SANBAG as the Lead Agency and SANBAG is leading this effort. Further, it was determined that SANBAG is an appropriate lead agency for the following reasons:

- SANBAG serves as an association of governments for all the cities in San Bernardino County and the unincorporated County of San Bernardino. The San Bernardino Associated Governments was formed under a Joint Powers Agreement (JPA) that became effective October 17, 1975, and which has been executed by all 24 cities and towns within the County, and by the County. The SANBAG Board of Directors is composed of elected representatives from each of the 24 member cities plus the five San Bernardino County supervisors. The JPA states:

The purpose of this Agreement is to improve and coordinate governmental services on a countywide, subregional and regional basis through the establishment of a cooperative association of governments.

The JPA further specifies that:

SANBAG shall perform all necessary functions to fulfill its purposes including, but not limited to, the following:

- a. Serve as a forum for consideration, study and recommendation on countywide, subregional and regional problems.
- b. Assemble information helpful in the consideration of problems peculiar to the various sections included in the collective area of the association membership.

Many councils of governments around the state are implementing the mandate of AB 32 and organizing and leading efforts to prepare greenhouse gas reduction plans. See <http://www.calcog.org/index.aspx?nid=106>

- Accordingly, it was determined by 21 SANBAG member cities and the SANBAG Board of Directors that the coordinated preparation of a San Bernardino County Regional Greenhouse Gas Reduction Plan and associated Environmental Impact Report was within the scope of SANBAG's powers, and would be an effective means for facilitating a response to AB 32 by the participating cities.
- Each of the 21 participating cities has been fully involved in the review of materials prepared for the Reduction Plan, including the documentation of the GHG inventory, identification of GHG reduction measures, and specification of reduction targets. A committee of city planning and community development directors meets monthly or bi-monthly to discuss issues of mutual interest, and the preparation of the Reduction Plan has been a topic of regular discussion by this advisory committee for approximately the last two years. SANBAG and its consultants have worked directly with each individual city, as well during the preparation of the Plan and EIR.
- It is anticipated that SANBAG will adopt the Plan following certification of the EIR.
- SANBAG has been asked by a number of the participating cities for technical staff support to assist them in taking the local actions that are necessary to implement the plan in their jurisdiction. On September 12, 2013, SANBAG was awarded a grant in the amount of \$50,000 to partially fund those and related actions by SANBAG to carry out the Plan.
- CEQA Guidelines Section 15051 indicates that where there are multiple potential lead agencies, agreement can be reached on who should be the lead agency. Given the participation of 21 cities in this regional GHG plan, the SANBAG Board members concurred that it would be appropriate

for SANBAG to take the lead in preparation of the Reduction Plan and EIR. No other entity was viewed to be an appropriate lead agency for this regionally coordinated effort.

- Further, SANBAG will use the Plan and the EIR to carry out a number of SANBAG responsibilities.
- Energy Efficiency and Renewable Energy Projects. SANBAG is responsible for three renewable energy and conservation initiatives referenced in the Reduction Plan that will enable the implementation of GHG reduction measures by the 21 cities. These initiatives will likely be relied upon as implementation measures in Climate Action Plans to be prepared by individual cities, and are described below:
 - > The first initiative is a Property Assessed Clean Energy (PACE) program, marketed as the HERO (Home Energy Renovation Opportunity) program. Each of the cities in the Reduction Plan will be participating in this program, which allows residential and commercial property owners to enter into voluntary assessment contracts with SANBAG to pay for the upfront costs associated with alternative energy installations, or energy and water conservation projects. The property owner then pays back the amount through an assessment on their property tax bill. The PACE program initiates Reduction Measures Energy-1 (energy efficiency retrofits), Energy-7 (solar installation on existing residential), and Energy-8 (solar installation on existing commercial/industrial) within the Regional Reduction Plan.
 - > The second initiative is a joint solar power procurement program. This initiative is aimed at increasing the adoption of solar power generation for local government facilities. By collectively approaching the procurement, each participating agency benefits from economies of scale that will reduce the overall cost. This complements the community-wide reduction measures within the Regional Reduction Plan with municipal reduction measures needed within future Climate Action Plans of the Participating Cities.
 - > The third initiative is an anticipated regional Energy Leader Program in partnership with Southern California Edison (SCE). This program will work with cities to complete energy audits of their facilities, suggest improvements to reduce energy consumption, and find common ways to promote energy conservation among each city's residents and businesses. Cities benefit from participating in this effort through rebates to their energy bills tied to their energy savings and through staff resources provided by SANBAG and paid for from a grant from SCE. This complements the community-wide reduction measures within the Regional Reduction Plan with municipal reduction measures needed within future Climate Action Plans of the Participating Cities.
- Metrolink: SANBAG is part of a Joint Powers Authority with other Southern California counties that initiated regional Metrolink commuter rail service in 1991 and that continues to maintain and operate that system. San Bernardino County is home to six Metrolink stations, around which planning has been conducted to facilitate transit oriented development in response to SB 375. This planning is part of the Southern California Association of Governments' (SCAG's) 2012 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) and is referenced as a GHG reduction measure in this Plan (On-Road 1 – Sustainable Communities Strategy).
- Transportation Commission and Authority: SANBAG, in its roles as County Transportation Commission and Transportation Authority, also programs funds for the implementation and operation of bus transit systems throughout the county. These systems enable citizens of the County to reduce their dependence on automobile trips, consistent with the GHG goals

espoused in the SCAG RTP/SCS. In addition, SANBAG programs funding for Active Transportation (bicycle/pedestrian) projects. All these activities are referenced in the Reduction Plan (see On-Road 1 – Sustainable Communities Strategy)

As mentioned above, a responsible agency refers to a public agency other than the lead agency that has discretionary approval over the project. The proposed Regional Reduction Plan is a planning document for the SANBAG and the 21 Partnership Cities to utilize and implement the reduction measures moving forward. As such, the 21 Partnership Cities are Responsible Agencies under CEQA. The Regional Reduction Plan does not address a specific or proposed development plan. Subsequent development projects will be subject to discretionary approval by the Partnership Cities and, depending on the development proposal, other public agencies. In addition to SANBAG and the Partnership Cities, future projects within the Partnership Cities may require approval from the Regional Water Quality Control Board (RWQCB) regarding water quality and quantity, as well as potential discharges into surface waters; California Department of Fish and Wildlife (CDFW) regarding biological resources; California Department of Transportation (Caltrans) regarding area highways and other roadways within the Partnership Cities that are under the maintenance of the state; and the U.S. Army Corps of Engineers (USACE) regarding waters of the US and wetlands.

A responsible agency under CEQA is a public agency, other than the lead agency, which has responsibility for carrying out or approving a project (Public Resources Code section 21069). The projects analyzed in this EIR are the Regional Reduction Plan and the individual GHG Reduction Plans to be considered for adoption and implementation by each of the 21 Partnership Cities. Partnership cities may choose to adopt a Climate Action Plan (CAP) or an individual GHG Reduction Plan. This would occur after SANBAG approves the Regional Reduction Plan and certifies the EIR. Development of a CAP or individual GHG Reduction Plan may require the development of a city-specific implementation plan identifying responsible parties, funding and tracking protocols, and the scheduling of actions, but the City CAP individual GHG Reduction Plan would need to be “qualified” per CEQA Guidelines Section 15183.5 to take advantage of the opportunity for “tiering” and streamlining provisions for analysis of GHG emissions for future projects.

Each of the 21 Partnership Cities would rely on this EIR and act as responsible agencies pursuant to CEQA Guidelines section 15096 in considering whether to adopt its individual GHG Reduction Plan or CAP (these terms are used interchangeably). As responsible agencies, each city would consider the information in the EIR before approving its GHG Reduction Plan or CAP. Each city would make findings pursuant to CEQA Guidelines Section 15096 on the environmental impacts (and related mitigation measures and alternatives) that relate to its GHG Reduction Plan or CAP. Each city would consider and adopt any feasible alternative or mitigation measures within its powers that would substantially lessen any significant environmental impact identified in the EIR. The city would make environmental findings for each significant impact in accordance with CEQA Guidelines Sections 15091 and 15093. After approval of the GHG Reduction Plan or CAP, each city would file a Notice of Determination stating that it approved the Plan/CAP acting as a responsible agency under CEQA relying on the EIR certified by SANBAG.

Since SANBAG is the lead agency under CEQA, it would certify the programmatic level EIR. As responsible agencies, each city would not certify the EIR. As discussed above, the individual cities will act

as responsible agencies in relying on this EIR for adoption of their individual GHG Reduction Plans or CAPs. Under CEQA, responsible agencies would need to prepare a supplemental CEQA environmental document only if the standards under CEQA Guidelines Sections 15162 or 15163 are met. A trustee agency is a state agency having jurisdiction by law over natural resources affected by a project, which are held in trust for the people of the state. The Regional Reduction Plan is a planning document for SANBAG and the 21 Partnership Cities and does not involve a specific state agency or address a specific or proposed development plan. As such, no trustee agencies are identified at this time. However, in relation to future development within the Partnership Cities, trustee agencies may include the California Department of Fish and Game (CDFG) regarding biological resources, USACE regarding waters of the US and wetlands; and the South Coast Air Quality Management District (SCAQMD) regarding issues of air quality and associated permitting.

1.5 INTENDED USES OF THE EIR

CEQA Guidelines Section 15183.5 (Tiering and Streamlining the Analysis of GHG Emissions) was added as part of the CEQA Guideline amendments and describes the criteria needed in a Climate Action Plan or GHG Reduction Plan that would allow for the tiering and streamlining of CEQA analysis for subsequent development projects. The following quote is from the CEQA Guideline amendments:

Section 15183.5. Tiering and Streamlining the Analysis of Greenhouse Gas Emissions.

- (a) Lead agencies may analyze and mitigate the significant effects of greenhouse gas emissions at a programmatic level, such as in a general plan, a long range development plan, or a separate plan to reduce greenhouse gas emissions. Later project-specific environmental documents may tier from and/or incorporate by reference that existing programmatic review. Project-specific environmental documents may rely on an EIR containing a programmatic analysis of greenhouse gas emissions as provided in section 15152 (tiering), 15167 (staged EIRs) 15168 (program EIRs), 15175-15179.5 (Master EIRs), 15182 (EIRs Prepared for Specific Plans), and 15183 (EIRs Prepared for General Plans, Community Plans, or Zoning).
- (b) Plans for the Reduction of Greenhouse Gas Emissions. Public agencies may choose to analyze and mitigate significant greenhouse gas emissions in a plan for the reduction of greenhouse gas emissions or similar document. A plan to reduce greenhouse gas emissions may be used in a cumulative impacts analysis as set forth below. Pursuant to Sections 15064(h)(3) and 15130(d), a lead agency may determine that a project's incremental contribution to a cumulative effect is not cumulatively considerable if the project complies with the requirements in a previously adopted plan or mitigation program under specified circumstances.
 - (1) Plan Elements. A plan for the reduction of greenhouse gas emissions should:
 - (A) Quantify greenhouse gas emissions, both existing and projected over a specified time period, resulting from activities within a defined geographic area;
 - (B) Establish a level, based on substantial evidence, below which the contribution to greenhouse gas emissions from activities covered by the plan would not be cumulatively considerable;
 - (C) Identify and analyze the greenhouse gas emissions resulting from specific actions or categories of actions anticipated within the geographic area;
 - (D) Specify measures or a group of measures, including performance standards, that substantial evidence demonstrates, if implemented on a project-by-project basis, would collectively achieve the specified emissions level;
 - (E) Establish a mechanism to monitor the plan's progress toward achieving the level and to require amendment if the plan is not achieving specified levels;

- (F) Be adopted in a public process following environmental review.
- (2) Use with Later Activities. A plan for the reduction of greenhouse gas emissions, once adopted following certification of an EIR or adoption of an environmental document, may be used in the cumulative impacts analysis of later projects. An environmental document that relies on a greenhouse gas reduction plan for a cumulative impacts analysis must identify those requirements specified in the plan that apply to the project, and, if those requirements are not otherwise binding and enforceable, incorporate those requirements as mitigation measures applicable to the project. If there is substantial evidence that the effects of a particular project may be cumulatively considerable notwithstanding the project's compliance with the specified requirements in the plan for the reduction of greenhouse gas emissions, an EIR must be prepared for the project.

One of the goals of the Regional Reduction Plan is to allow programmatic level review and mitigation of GHG emissions for the Participating Cities that allows for the streamlining of CEQA review for subsequent development projects within the Participating Cities that choose to implement the Regional Reduction Plan through the drafting and adoption of City-level "qualified CAPs or GHG Reduction Plans" To accomplish this, the Regional Reduction Plan framework is designed to provide the technical information needed to fulfill the requirements identified in CEQA Guidelines Section 15183.5, above. To fulfill all of these requirements, each Participating City choosing to adopt a qualified CAP or GHG Reduction Plan and implement the Regional Reduction Plan must establish a mechanism to monitor the CAP's or GHG Reduction Plan's progress toward achieving the reduction target and amend the Plan if the Plan is not achieving the reduction target.

This EIR is a program-level EIR pursuant to CEQA Guidelines Section 15168(a)(3), prepared in connection with issuance of rules, regulations, plans, or other general criteria to govern the conduct of a continuing program. This EIR has been prepared to analyze environmental impacts associated with implementation of the Regional Reduction Plan and to address appropriate and feasible mitigation measures or project alternatives that would minimize or eliminate these impacts. This document is intended to serve as an informational document. Additionally, this EIR would provide the primary source of environmental information for the Lead Agency to consider when exercising any permitting authority or approval power directly related to implementation of the proposed project.

Each Participating City as a responsible agency can rely on the environmental analysis and mitigation measures within this program-level EIR pertinent to each Participating City once SANBAG has certified it as adequately addressing the environmental impacts and appropriately mitigated significant impacts within each of the Participating Cities' jurisdictions. This intended use of the EIR negates the need to provide redundant individual EIRs for each Participating City.

This EIR is intended to provide decision-makers and the public with information that enables them to consider the environmental consequences of the proposed action. This EIR identifies significant or potentially significant environmental effects, as well as ways in which those impacts can be reduced to less-than-significant levels, whether through the imposition of mitigation measures or through the implementation of specific alternatives to the proposed project.

1.6 AREAS OF CONTROVERSY AND ISSUES TO BE RESOLVED

During the environmental review process, only one NOP comment letter was received, from a bicycle advocacy group, requesting that The San Bernardino County Regional GHG Reduction Plan include bicycle paths. In addition during the Scoping Meeting one verbal comment was received from an anonymous citizen asking that an alternative to the proposed project should include the use of offsite GHG emission credits or offsets rather than reducing GHG emissions within the Participating Cities' jurisdictional areas. No other comment letters were received with any areas of controversy or issues to be resolved. Southern California Association of Governments (SCAG), San Bernardino Valley Audubon Society, and Rincon Band of Luiseno Indians have submitted comment letters to request prompt notification of the draft EIR when released without substantial comments on the NOP.

1.7 EIR REVIEW PROCESS

1.7.1 Notice of Preparation and Scoping Meeting

An NOP was prepared and distributed to the State Clearinghouse, San Bernardino County Clerk of the Board, trustee agencies, responsible agencies, and other interested parties on November 14, 2012. Distribution of the NOP established a 30-day review period for the public and agencies to identify environmental issues that should be addressed in the Draft EIR. In addition, a Scoping Meeting was held on November 28, 2012, at the Southern California Association of Governments (SCAG) offices in San Bernardino to provide public agencies and interested parties a brief overview of the proposed project and receive comments on the scope of this Draft EIR.

1.7.2 Draft EIR

Pursuant to CEQA Guidelines Section 15205(b)(2), the Draft EIR will be submitted to the State Clearinghouse for distribution to state agencies. Submittal of the Draft EIR to the State Clearinghouse will also commence the 45-day review period. This Draft EIR is being circulated for review and comment to the public and other interested parties, agencies, and organizations for review. During the review period, copies of the Draft EIR will be available for review at the SANBAG office during normal business hours. The document is also available on the SANBAG website at www.sanbag.ca.gov/. The following is the address for the lead agency:

SANBAG Planning Department
1170 W. 3rd Street, 2nd Floor
San Bernardino, California 92410-1715

Written comments on the Draft EIR may be sent via U.S. mail or email and addressed to the following:

SANBAG Planning Department
1170 W. 3rd Street, 2nd Floor
San Bernardino, California 92410-1715
Attention Steve Smith, Director of Planning
Email: ssmith@sanbag.ca.gov
Phone: 909.884.8276

1.7.3 Final EIR and EIR Certification

Following the close of the public review and comment period, SANBAG will prepare and publish a document titled “Comments and Responses,” which will contain a summary of all written and recorded oral comments on this Draft EIR and written responses to those comments, along with copies of the letters received, a transcript of the public hearings, and any necessary revisions to the EIR. This Draft EIR and the Comments and Responses document will constitute the Final EIR. The SANBAG Board of Directors, in an advertised public meeting(s), will consider the documents and then, if found adequate, certify the Final EIR as completed in compliance with CEQA and the CEQA Guidelines.

1.7.4 CEQA Findings for Project Approval

Where a certified EIR identifies significant environmental effects, CEQA Guidelines Sections 15091 and 15092 require the adoption of findings prior to approval of a project. According to PRC Section 21081, the Lead Agency must make specific Findings of Fact (Findings) before approving a project for which a Final EIR has been certified that identifies one or more significant effects on the environment that may result from that Project. The purpose of the Findings is to establish the connection between the contents of the Final EIR and the action of the Lead Agency with regard to approval of the project, if the Lead Agency approves the Project. Prior to approval of a project, one of three findings must be made, as required by PRC Sections 21081 and CEQA Guidelines Section 15091:

- Changes or alterations have been required in, or incorporated into, the project that avoid or substantially lessen the significant environmental effect as identified in the Final EIR
- Such changes or alterations are within the responsibility and jurisdiction of another public agency other than SANBAG or the 21 Participating Cities. Such changes have been adopted by such other agency or can and should be adopted by such other agency
- Specific economic, legal, social, technological, or other considerations, including provision of employment opportunities for highly trained workers, make infeasible the mitigation measures or project alternatives identified in the Final EIR

If SANBAG were to approve the Regional Reduction Plan, despite significant impacts identified in the Final EIR that cannot be mitigated, SANBAG must state in writing the reasons for its actions, under CEQA Guidelines Section 15093. Those findings, called a Statement of Overriding Considerations, must be supported by substantial evidence in the record, and are used to explain the specific reasons why the benefits of a project make its unavoidable environmental effects acceptable.

1.7.5 Mitigation Monitoring and Reporting Program

At the time of project approval, CEQA and the CEQA Guidelines require lead agencies to adopt a reporting and mitigation monitoring program, which it has adopted or made a condition of project approval in order to mitigate or avoid significant effects on the environment (CEQA Section 21081.6; CEQA Guidelines Section 15097). This Draft EIR identifies and presents mitigation measures that would form the basis of such a monitoring and reporting program. Any measures adopted by SANBAG as conditions for approval of the project would be included in the Mitigation Monitoring and Reporting Program (MMRP).

1.8 ORGANIZATION OF THE DRAFT EIR

This Draft EIR is organized into eight chapters, as follows:

- **Chapter 1: Introduction**—This chapter provides an introduction and a description of the intended uses of the EIR and the review and certification process.
- **Chapter 2: Summary**—This chapter includes a summary of the project description, environmental impacts that would result from implementation of the proposed project, proposed mitigation measures, and the level of significance of the impact before and after mitigation.
- **Chapter 3: Project Description**—This chapter presents a complete description of the proposed project, including project location, project characteristics, and project objectives. This section also provides an overview of the study area’s environmental setting, including a description of existing and surrounding land uses, and a discussion of related projects to be analyzed in the EIR.
- **Chapter 4: Environmental Analysis**—This chapter is the primary focus of this Draft EIR. Environmental issues are considered within the context of each Participating City area in a separate section and contain a discussion of existing conditions for each Participating City area, including the regulatory setting, analysis methodology, thresholds of significance, and an assessment and discussion of the significance of impacts associated with the proposed project.
- **Chapter 5: Other CEQA Considerations**—This chapter provides a discussion of the potential growth inducement of the proposed project as well as a summary of any significant unavoidable impacts associated with the proposed project.
- **Chapter 6: Alternatives to the Proposed Project**—This chapter includes an analysis of a range of reasonable alternatives to the proposed project to provide informed decision making in accordance with CEQA Guidelines Section 15126(f). The range of alternatives selected is based on their ability to feasibly attain most of the basic objectives of the project and avoid or substantially lessen any of the significant effects of the project.
- **Chapter 7: Report Preparers**—This section presents a list of lead agency, other agencies, and consultant team members that contributed to the preparation Draft EIR. This section also identifies persons consulted during preparation of the Draft EIR.

CHAPTER 2 Summary

2.1 PURPOSE OF THE SUMMARY

This section summarizes the characteristics of the proposed project, the environmental impacts, mitigation measures, and residual impacts of the proposed project.

2.2 INTRODUCTION

This EIR is intended to provide decision-makers and the public with information that enables them to intelligently consider the environmental consequences of the proposed action. This EIR identifies significant or potentially significant environmental effects, as well as ways in which those impacts can be reduced to less-than-significant levels, through the imposition of mitigation measures (MMs), or through the implementation of alternatives to the project.

2.3 SUMMARY OF PROPOSED PROJECT

SANBAG and the 21 Partnership Cities are committed to providing a more livable, equitable and economically vibrant community through the reduction of greenhouse gas (GHG) emissions. By using energy more efficiently, harnessing renewable energy to power our buildings, recycling our waste, and enhancing access to sustainable transportation modes, we can keep dollars in our local economy, create new green jobs, and improve community quality of life. These efforts toward reducing GHG emission must be done in coordination with the 21 Partnership Cities' land use decisions.

The Regional Reduction Plan was designed under the premise that SANBAG, the Partnership Cities, and the communities they represent are uniquely capable of addressing emissions associated with sources under the Partnership Cities' jurisdictions. SANBAG and the Partnership Cities' emission reduction efforts should coordinate with the county and state strategies in order to accomplish emission reductions in an efficient and cost-effective manner.

The proposed project includes a set of baseline GHG emissions inventories, projections on future GHG emissions, and recommendations for GHG reduction strategies as a foundation for these efforts.

Implementation of the Regional Reduction Plan could result in construction of energy-generating facilities such as wind turbines and photovoltaic/solar arrays that would primarily be installed on rooftops of new or existing buildings. It is possible that some energy-generating facilities that would be considered public utility installations could be placed in other areas, subject to a conditional use permit. It could also result in energy-efficiency retrofits in residential, commercial, and industrial buildings throughout the Partnership Cities.

The Regional Reduction Plan achieves the purpose and goals described above by providing: an analysis of GHG emissions and sources attributable to the 21 Partnership Cities; estimates on how those emissions are expected to increase; recommends policies and actions that can reduce GHG emissions to

meet state targets; and a template for implementation, tracking and reporting mechanisms that can be used by the 21 Partnership Cities to measure progress toward the goals.

2.4 CLASSIFICATION OF ENVIRONMENTAL IMPACTS

Under CEQA, a “significant impact” represents a substantial or potentially substantial adverse physical change to the environment. In evaluating specific effects, this EIR identifies thresholds of significance for each effect, evaluates the potential environmental change associated with each effect, and then characterizes the effects as impacts in the following categories:

- **Less Than Significant**—Results in no substantial adverse change to existing environmental conditions
- **Potentially Significant**—Constitutes a substantial adverse change to existing environmental conditions that can be mitigated to less-than-significant levels by implementation of proposed potentially feasible mitigation measures or by the selection of an environmentally superior project alternative

2.5 SIGNIFICANT AND UNAVOIDABLE IMPACTS

There would be no significant and unavoidable impacts as a result of implementing the Regional Reduction Plan in the 21 Partnership Cities.

2.6 ALTERNATIVES

As required by CEQA Guidelines Section 15126.6(a) and recent court cases, an EIR must:

Describe a range of reasonable alternatives to the project, or to the location of the project, which would feasibly attain most of the basic objectives of the project but would avoid or substantially lessen any of the significant effects of the project, and evaluate the comparative merits of the alternatives.

Further, CEQA Guidelines Section 15126.6(b) states:

The discussion of alternatives shall focus on alternatives to the project or its location which are capable of avoiding or substantially lessening any significant effects of the project, even if these alternatives would impede to some degree the attainment of the project objectives, or would be more costly.

The alternatives evaluated in this EIR are:

- No Project/Reasonably Foreseeable Development Alternative
- Use of GHG Emissions Credits to Achieve the Reduction Targets Alternative
- Renewable Energy Generation Restriction Alternative

2.7 SUMMARY OF IMPACTS AND MITIGATION MEASURES

Table 2-1 (Summary of Environmental Impacts of Implementing Local Reduction Measures in Adelanto) through Table 2-21 (Summary of Implementing Local Reduction Measures in Town of Yucca Valley) contain a summary of the environmental impacts of implementing each of the Regional Reduction Plan

local reduction measures in each of the 21 Partnership Cities. Mitigation measures to reduce potentially significant impacts are listed, by city, in Table 2-22 (Summary of Mitigation Measures).

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Table 2-1 Summary of Environmental Impacts of Implementing Local Reduction Measures in Adelanto

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																			
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Energy-9	Land Use-1	Land Use-2	Wastewater-2	Transportation-1	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-4	Waste-2	PS-1
Aesthetics																				
Scenic vistas	LS	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Scenic highways	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Visual character or quality	LS	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	LS	LS	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Light and glare	LS	LS	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Agriculture/Forestry Resources																				
Convert farmland to nonagricultural use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing agricultural zoning or Williamson Act	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing forest land or timberland zoning	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss or conversion of forest land to nonforest land	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Other changes causing conversion of farmland to nonfarmland use or forest land to nonforest land use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Air Quality																				
Conflict or obstruct air quality management plan	LS	NI	LS	LS	LS	LS	LS	LS	NI	NI	LS	LS	LS	LS	LS	NI	NI	NI	NI	LS
Violation of air quality standard	LS	NI	LS	NI	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS						
Exposure of sensitive receptors	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	LS	LS	LS	NI	NI	NI	NI	LS
Creation of objectionable odors	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-1 Summary of Environmental Impacts of Implementing Local Reduction Measures in Adelanto

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																			
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Energy-9	Land Use-1	Land Use-2	Wastewater-2	Transportation-1	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-4	Waste-2	PS-1
Cumulatively considerable net increase of any nonattainment criteria pollutant	LS	NI	LS	LS	LS	LS	LS	LS	NI	NI	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Biological Resources																				
Special-status species	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Riparian habitat or other sensitive natural community	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Protected wetlands	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Wildlife movement	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with any local policies or ordinances protecting biological resources	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with habitat conservation plan	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Cultural Resources																				
Substantial adverse change in significance of a historical resource	LS/MM	NI	NI	NI	LS/MM	LS/MM	LS/MM	NI	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI
Substantial adverse change in significance of a archaeological resource	LS/PR	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Destruction of a unique paleontological resource or site or unique geologic feature	LS/PR	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Disturb any human remains	LS/PR	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/MM	NI	NI	NI	LS/MM	LS/MM	LS/MM	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Geology/Soils																				
Fault rupture, strong seismic groundshaking, seismic-related ground failure, including liquefaction, landslides	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-1 Summary of Environmental Impacts of Implementing Local Reduction Measures in Adelanto

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																			
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Energy-9	Land Use-1	Land Use-2	Wastewater-2	Transportation-1	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-4	Waste-2	PS-1
Substantial soil erosion or loss of topsoil	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Located on a geologic unit or soil that is unstable, resulting in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Located on expansive soil	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Greenhouse Gas Emissions/Global Climate Change																				
Generate greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with an applicable plan, policy, or regulation to reduce greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Hazards/Hazardous Materials																				
Create significant hazard through the routine transport, use, or disposal of hazardous materials	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Create significant hazard through release of hazardous materials	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Emit hazardous emissions or handle acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located on a site that is included on a list of hazardous materials sites, creating significant hazard	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Located within 2 miles of a public airport or public use airport	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Located within the vicinity of a private airstrip	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-1 Summary of Environmental Impacts of Implementing Local Reduction Measures in Adelanto

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																			
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Energy-9	Land Use-1	Land Use-2	Wastewater-2	Transportation-1	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-4	Waste-2	PS-1
Impair or interfere with an adopted emergency response plan or emergency evacuation plan	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving wildland fires	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Hydrology/Water Quality																				
Violate any water quality standards or waste discharge requirements	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	LS	LS	LS	NI	NI
Deplete groundwater supplies or interfere with groundwater recharge	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in substantial erosion or siltation	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in on- or off-site flooding	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Exceed the capacity of existing or planned stormwater drainage systems or provide additional sources of polluted runoff	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Otherwise degrade water quality	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI
Place housing within a 100-year flood hazard area	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Place within a 100-year flood hazard area structures that would impede or redirect flood flows	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Inundation by seiche, tsunami, or mudflow	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	LS	LS	LS	NI	NI

Table 2-1 Summary of Environmental Impacts of Implementing Local Reduction Measures in Adelanto

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																				
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Energy-9	Land Use-1	Land Use-2	Wastewater-2	Transportation-1	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-4	Waste-2	PS-1	
Land Use/Planning																					
Physically divide an established community	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	
Conflict with any applicable land use plan, policy, or regulation	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	NI	NI	NI	LS	LS	LS	LS	LS
Conflict with any applicable habitat conservation plan or natural community conservation plan	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	NI	NI	NI	LS	LS	LS	LS	LS
Mineral Resources																					
Loss of availability of a known mineral resource	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss of availability of a locally important mineral resource recovery site	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Noise																					
Noise levels in excess of standards established in the local general plan or noise ordinance	LS/PR	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive groundborne vibration or groundborne noise levels	LS/PR	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Permanent increase in ambient noise levels	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Temporary or periodic increase in ambient noise levels	LS/PR	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/PR	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-1 Summary of Environmental Impacts of Implementing Local Reduction Measures in Adelanto

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																			
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Energy-9	Land Use-1	Land Use-2	Wastewater-2	Transportation-1	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-4	Waste-2	PS-1
Population/Housing																				
Induce substantial population growth	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of existing housing	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of people	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Public Services																				
Provision or need of new or physically altered governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for public services	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Recreation																				
Physical deterioration of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Transportation/Traffic																				
Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	LS
Conflict with an applicable congestion management program	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	LS
Change in air traffic patterns that results in substantial safety risks	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Increase hazards due to a design feature or incompatible uses	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Inadequate emergency access	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-1 Summary of Environmental Impacts of Implementing Local Reduction Measures in Adelanto

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																			
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Energy-9	Land Use-1	Land Use-2	Wastewater-2	Transportation-1	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-4	Waste-2	PS-1
Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Utilities/Service Systems																				
Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of new or existing water or wastewater treatment facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of new or existing stormwater drainage facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Insufficient water supplies from existing entitlements and resources, or need new or expanded entitlements	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	LS	NI	NI
Inadequate wastewater treatment capacity	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	LS	LS	LS	NI	NI
Insufficient permitted solid waste disposal capacity	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI
Noncompliance with federal, state, or local statutes and regulations related to solid waste	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	LS	NI	NI	NI	NI	LS	LS	LS	LS	NI

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Table 2-2 Summary of Environmental Impacts of Implementing Local Reduction Measures in Big Bear Lake

NI = no impact; LS = less than significant

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>
	<i>PS-1</i>
Aesthetics	
Scenic vistas	LS
Scenic highways	LS
Visual character or quality	LS
Light and glare	LS
Cumulative impacts	LS
Agriculture/Forestry Resources	
Convert farmland to nonagricultural use	NI
Conflict with existing agricultural zoning or Williamson Act	NI
Conflict with existing forest land or timberland zoning	NI
Loss or conversion of forest land to nonforest land	NI
Other changes causing conversion of farmland to nonfarmland use or forest land to nonforest land use	NI
Cumulative impacts	NI
Air Quality	
Conflict or obstruct air quality management plan	LS
Violation of air quality standard	LS
Exposure of sensitive receptors	LS
Creation of objectionable odors	NI
Cumulatively considerable net increase of any nonattainment criteria pollutant	LS
Biological Resources	
Special-status species	LS
Riparian habitat or other sensitive natural community	LS
Protected wetlands	LS

Table 2-2 Summary of Environmental Impacts of Implementing Local Reduction Measures in Big Bear Lake

NI = no impact; LS = less than significant

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>
	<i>PS-1</i>
Wildlife movement	LS
Conflict with any local policies or ordinances protecting biological resources	LS
Conflict with habitat conservation plan	NI
Cumulative impacts	LS
Cultural Resources	
Substantial adverse change in significance of a historical resource	LS
Substantial adverse change in significance of a archaeological resource	LS
Destruction of a unique paleontological resource or site or unique geologic feature	LS
Disturb any human remains	LS
Cumulative impacts	LS
Geology/Soils	
Fault rupture, strong seismic groundshaking, seismic-related ground failure, including liquefaction, landslides	LS
Substantial soil erosion or loss of topsoil	LS
Located on a geologic unit or soil that is unstable, resulting in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse	LS
Located on expansive soil	LS
Soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems	NI
Cumulative impacts	LS
Greenhouse Gas Emissions/Global Climate Change	
Generate greenhouse gas emissions	LS
Conflict with an applicable plan, policy, or regulation to reduce greenhouse gas emissions	LS
Hazards/Hazardous Materials	
Create significant hazard through the routine transport, use, or disposal of hazardous materials	LS
Create significant hazard through release of hazardous materials	NI

Table 2-2 Summary of Environmental Impacts of Implementing Local Reduction Measures in Big Bear Lake

NI = no impact; LS = less than significant

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>
	<i>PS-1</i>
Emit hazardous emissions or handle acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school	NI
Located on a site that is included on a list of hazardous materials sites, creating significant hazard	NI
Located within 2 miles of a public airport or public use airport	LS
Located within the vicinity of a private airstrip	NI
Impair or interfere with an adopted emergency response plan or emergency evacuation plan	NI
Risk of loss, injury, or death involving wildland fires	LS
Cumulative impacts	LS
Hydrology/Water Quality	
Violate any water quality standards or waste discharge requirements	LS
Deplete groundwater supplies or interfere with groundwater recharge	NI
Alter the existing drainage pattern of the site or area, resulting in substantial erosion or siltation	LS
Alter the existing drainage pattern of the site or area, resulting in on- or off-site flooding	NI
Exceed the capacity of existing or planned stormwater drainage systems or provide additional sources of polluted runoff	NI
Otherwise degrade water quality	NI
Place housing within a 100-year flood hazard area	NI
Place within a 100-year flood hazard area structures that would impede or redirect flood flows	NI
Risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam	NI
Inundation by seiche, tsunami, or mudflow	LS
Cumulative impacts	LS
Land Use/Planning	
Physically divide an established community	NI
Conflict with any applicable land use plan, policy, or regulation	LS
Conflict with any applicable habitat conservation plan or natural community conservation plan	NI

Table 2-2 Summary of Environmental Impacts of Implementing Local Reduction Measures in Big Bear Lake

NI = no impact; LS = less than significant

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>
	<i>PS-1</i>
Cumulative impacts	LS
Mineral Resources	
Loss of availability of a known mineral resource	NI
Loss of availability of a locally important mineral resource recovery site	NI
Cumulative impacts	NI
Noise	
Noise levels in excess of standards established in the local general plan or noise ordinance	LS
Excessive groundborne vibration or groundborne noise levels	LS
Permanent increase in ambient noise levels	NI
Temporary or periodic increase in ambient noise levels	LS
Excessive noise levels within 2 miles of a public airport or public use airport	NI
Excessive noise levels within the vicinity of a private airstrip	NI
Cumulative impacts	LS
Population/Housing	
Induce substantial population growth	NI
Displace substantial numbers of existing housing	NI
Displace substantial numbers of people	NI
Cumulative impacts	NI
Public Services	
Provision or need of new or physically altered governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for public services	NI
Cumulative impacts	NI

Table 2-2 Summary of Environmental Impacts of Implementing Local Reduction Measures in Big Bear Lake

NI = no impact; LS = less than significant

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>
	<i>PS-1</i>
Recreation	
Physical deterioration of recreational facilities	NI
Construction or expansion of recreational facilities	NI
Cumulative impacts	NI
Transportation/Traffic	
Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system	LS
Conflict with an applicable congestion management program	LS
Change in air traffic patterns that results in substantial safety risks	NI
Increase hazards due to a design feature or incompatible uses	NI
Inadequate emergency access	NI
Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities	LS
Cumulative impacts	LS
Utilities/Service Systems	
Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board	NI
Construction or expansion of new or existing water or wastewater treatment facilities	NI
Construction or expansion of new or existing stormwater drainage facilities	NI
Insufficient water supplies from existing entitlements and resources, or need new or expanded entitlements	NI
Inadequate wastewater treatment capacity	NI
Insufficient permitted solid waste disposal capacity	NI
Noncompliance with federal, state, or local statutes and regulations related to solid waste	NI
Cumulative impacts	NI

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Table 2-3 Summary of Environmental Impacts of Implementing Local Reduction Measures in Chino

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure											
	Energy-1	Energy-4	Energy-5	Energy-7	Energy-8	Wastewater-2	Transportation-1	Transportation-2	Water-3	Water-4	Waste-2	PS-1
Aesthetics												
Scenic vistas	LS	LS/PR	LS/MM	LS/MM	LS/MM	NI	LS/MM	NI	NI	NI	NI	NI
Scenic highways	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Visual character or quality	LS	LS/PR	LS/MM	LS/MM	LS/MM	NI	LS/MM	NI	NI	NI	NI	NI
Light and glare	LS	LS/PR	LS/MM	LS/MM	LS/MM	NI	LS/MM	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS/PR	LS/MM	LS/MM	LS/MM	NI	LS/MM	NI	NI	NI	NI	NI
Agriculture/Forestry Resources												
Convert farmland to nonagricultural use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing agricultural zoning or Williamson Act	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing forest land or timberland zoning	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss or conversion of forest land to nonforest land	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Other changes causing conversion of farmland to nonfarmland use or forest land to nonforest land use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Air Quality												
Conflict or obstruct air quality management plan	LS	LS	LS	LS	LS	LS	LS	LS	LS	NI	LS	NI
Violation of air quality standard	LS	NI	LS	LS	NI	LS	LS	NI	NI	NI	NI	NI
Exposure of sensitive receptors	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI
Creation of objectionable odors	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI
Cumulatively considerable net increase of any nonattainment criteria pollutant	LS	LS	LS	LS	LS	NI	LS	LS	LS	LS	LS	NI

Table 2-3 Summary of Environmental Impacts of Implementing Local Reduction Measures in Chino

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>											
	<i>Energy-1</i>	<i>Energy-4</i>	<i>Energy-5</i>	<i>Energy-7</i>	<i>Energy-8</i>	<i>Wastewater-2</i>	<i>Transportation-1</i>	<i>Transportation-2</i>	<i>Water-3</i>	<i>Water-4</i>	<i>Waste-2</i>	<i>PS-1</i>
Biological Resources												
Special-status species	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Riparian habitat or other sensitive natural community	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Protected wetlands	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Wildlife movement	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Conflict with any local policies or ordinances protecting biological resources	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Conflict with habitat conservation plan	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Cultural Resources												
Substantial adverse change in significance of a historical resource	LS/MM	NI	LS/MM	LS/MM	NI	NI	LS/MM	NI	NI	NI	NI	NI
Substantial adverse change in significance of a archaeological resource	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Destruction of a unique paleontological resource or site or unique geologic feature	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Disturb any human remains	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Cumulative impacts	LS/MM	NI	LS/MM	LS/MM	NI	NI	LS/MM	NI	NI	NI	NI	NI
Geology/Soils												
Fault rupture, strong seismic groundshaking, seismic-related ground failure, including liquefaction, landslides	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS	LS/PR	NI	NI	NI	NI	NI
Substantial soil erosion or loss of topsoil	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Located on a geologic unit or soil that is unstable, resulting in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Located on expansive soil	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI

Table 2-3 Summary of Environmental Impacts of Implementing Local Reduction Measures in Chino

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure											
	Energy-1	Energy-4	Energy-5	Energy-7	Energy-8	Wastewater-2	Transportation-1	Transportation-2	Water-3	Water-4	Waste-2	PS-1
Soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	LS/PR	LS/PR	NI	LS	LS/PR	NI	NI	NI	NI	NI
Greenhouse Gas Emissions/Global Climate Change												
Generate greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with an applicable plan, policy, or regulation to reduce greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Hazards/Hazardous Materials												
Create significant hazard through the routine transport, use, or disposal of hazardous materials	LS/PR	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Create significant hazard through release of hazardous materials	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Emit hazardous emissions or handle acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located on a site that is included on a list of hazardous materials sites, creating significant hazard	NI	NI	LS/PR	LS/PR	NI	NI	LS	NI	NI	NI	NI	NI
Located within 2 miles of a public airport or public use airport	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Located within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Impair or interfere with an adopted emergency response plan or emergency evacuation plan	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving wildland fires	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Cumulative impacts	LS/PR	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Hydrology/Water Quality												
Violate any water quality standards or waste discharge requirements	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Deplete groundwater supplies or interfere with groundwater recharge	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in substantial erosion or siltation	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI

Table 2-3 Summary of Environmental Impacts of Implementing Local Reduction Measures in Chino

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure											
	Energy-1	Energy-4	Energy-5	Energy-7	Energy-8	Wastewater-2	Transportation-1	Transportation-2	Water-3	Water-4	Waste-2	PS-1
Alter the existing drainage pattern of the site or area, resulting in on- or off-site flooding	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI
Exceed the capacity of existing or planned stormwater drainage systems or provide additional sources of polluted runoff	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Otherwise degrade water quality	NI	NI	LS	LS	NI	NI	NI	NI	NI	NI	NI	NI
Place housing within a 100-year flood hazard area	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Place within a 100-year flood hazard area structures that would impede or redirect flood flows	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Inundation by seiche, tsunami, or mudflow	NI	NI	LS	LS	LS	NI	LS	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Land Use/Planning												
Physically divide an established community	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with any applicable land use plan, policy, or regulation	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with any applicable habitat conservation plan or natural community conservation plan	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS	LS/PR	LS/PR	LS	LS	LS/PR	LS	LS	LS	LS	LS
Mineral Resources												
Loss of availability of a known mineral resource	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI
Loss of availability of a locally important mineral resource recovery site	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI
Noise												
Noise levels in excess of standards established in the local general plan or noise ordinance	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI

Table 2-3 Summary of Environmental Impacts of Implementing Local Reduction Measures in Chino

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure											
	Energy-1	Energy-4	Energy-5	Energy-7	Energy-8	Wastewater-2	Transportation-1	Transportation-2	Water-3	Water-4	Waste-2	PS-1
Excessive groundborne vibration or groundborne noise levels	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Permanent increase in ambient noise levels	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI
Temporary or periodic increase in ambient noise levels	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Excessive noise levels within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI
Excessive noise levels within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Population/Housing												
Induce substantial population growth	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of existing housing	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of people	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Public Services												
Provision or need of new or physically altered governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for public services	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Recreation												
Physical deterioration of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of recreational facilities	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI

Table 2-3 Summary of Environmental Impacts of Implementing Local Reduction Measures in Chino

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure											
	Energy-1	Energy-4	Energy-5	Energy-7	Energy-8	Wastewater-2	Transportation-1	Transportation-2	Water-3	Water-4	Waste-2	PS-1
Transportation/Traffic												
Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI
Conflict with an applicable congestion management program	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI
Change in air traffic patterns that results in substantial safety risks	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Increase hazards due to a design feature or incompatible uses	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Inadequate emergency access	NI	NI	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI
Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI
Utilities/Service Systems												
Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI
Construction or expansion of new or existing water or wastewater treatment facilities	NI	NI	NI	NI	NI	LS	NI	NI	LS	NI	NI	NI
Construction or expansion of new or existing stormwater drainage facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Insufficient water supplies from existing entitlements and resources, or need new or expanded entitlements	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI
Inadequate wastewater treatment capacity	NI	NI	NI	NI	NI	LS	NI	NI	NI	LS	NI	NI
Insufficient permitted solid waste disposal capacity	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Noncompliance with federal, state, or local statutes and regulations related to solid waste	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	LS	NI	NI	LS	LS	NI	NI

Table 2-4 Summary of Environmental Impacts of Implementing Local Reduction Measures in Chino Hills

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>			
	<i>Energy-7</i>	<i>Wastewater-2</i>	<i>Transportation-2</i>	<i>Water-4</i>
Aesthetics				
Scenic vistas	LS/PR	NI	NI	NI
Scenic highways	LS/PR	NI	NI	NI
Visual character or quality	LS/PR	NI	NI	NI
Light and glare	LS/PR	NI	NI	NI
Cumulative impacts	LS/PR	NI	NI	NI
Agriculture/Forestry Resources				
Convert farmland to nonagricultural use	NI	NI	NI	NI
Conflict with existing agricultural zoning or Williamson Act	NI	NI	NI	NI
Conflict with existing forest land or timberland zoning	NI	NI	NI	NI
Loss or conversion of forest land to nonforest land	NI	NI	NI	NI
Other changes causing conversion of farmland to nonfarmland use or forest land to nonforest land use	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI
Air Quality				
Conflict or obstruct air quality management plan	LS	LS	LS	LS
Violation of air quality standard	LS	LS	NI	NI
Exposure of sensitive receptors	NI	NI	NI	NI
Creation of objectionable odors	NI	NI	NI	NI
Cumulatively considerable net increase of any nonattainment criteria pollutant	LS	NI	LS	NI

Table 2-4 Summary of Environmental Impacts of Implementing Local Reduction Measures in Chino Hills

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>			
	<i>Energy-7</i>	<i>Wastewater-2</i>	<i>Transportation-2</i>	<i>Water-4</i>
Biological Resources				
Special-status species	LS/PR	NI	NI	NI
Riparian habitat or other sensitive natural community	LS/PR	NI	NI	NI
Protected wetlands	LS/PR	NI	NI	NI
Wildlife movement	LS/PR	NI	NI	NI
Conflict with any local policies or ordinances protecting biological resources	LS/PR	NI	NI	NI
Conflict with habitat conservation plan	LS/PR	NI	NI	NI
Cumulative impacts	LS/PR	NI	NI	NI
Cultural Resources				
Substantial adverse change in significance of a historical resource	LS/PR	NI	NI	NI
Substantial adverse change in significance of a archaeological resource	LS/PR	NI	NI	NI
Destruction of a unique paleontological resource or site or unique geologic feature	LS/PR	NI	NI	NI
Disturb any human remains	LS/PR	NI	NI	NI
Cumulative impacts	LS/PR	NI	NI	NI
Geology/Soils				
Fault rupture, strong seismic groundshaking, seismic-related ground failure, including liquefaction, landslides	NI	LS	NI	NI
Substantial soil erosion or loss of topsoil	NI	NI	NI	NI
Located on a geologic unit or soil that is unstable, resulting in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse	NI	NI	NI	NI
Located on expansive soil	NI	NI	NI	NI

Table 2-4 Summary of Environmental Impacts of Implementing Local Reduction Measures in Chino Hills

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>			
	<i>Energy-7</i>	<i>Wastewater-2</i>	<i>Transportation-2</i>	<i>Water-4</i>
Soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems	NI	NI	NI	NI
Cumulative impacts	NI	LS	NI	NI
Greenhouse Gas Emissions/Global Climate Change				
Generate greenhouse gas emissions	LS	LS	LS	LS
Conflict with an applicable plan, policy, or regulation to reduce greenhouse gas emissions	LS	LS	LS	LS
Hazards/Hazardous Materials				
Create significant hazard through the routine transport, use, or disposal of hazardous materials	LS/PR	NI	NI	NI
Create significant hazard through release of hazardous materials	NI	NI	NI	NI
Emit hazardous emissions or handle acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school	NI	NI	NI	NI
Located on a site that is included on a list of hazardous materials sites, creating significant hazard	NI	NI	NI	NI
Located within 2 miles of a public airport or public use airport	NI	NI	NI	NI
Located within the vicinity of a private airstrip	NI	NI	NI	NI
Impair or interfere with an adopted emergency response plan or emergency evacuation plan	LS/PR	NI	NI	NI
Risk of loss, injury, or death involving wildland fires	NI	NI	NI	NI
Cumulative impacts	LS/PR	NI	NI	NI
Hydrology/Water Quality				
Violate any water quality standards or waste discharge requirements	LS/PR	NI	NI	NI
Deplete groundwater supplies or interfere with groundwater recharge	LS	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in substantial erosion or siltation	LS/PR	NI	NI	NI

Table 2-4 Summary of Environmental Impacts of Implementing Local Reduction Measures in Chino Hills

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>			
	<i>Energy-7</i>	<i>Wastewater-2</i>	<i>Transportation-2</i>	<i>Water-4</i>
Alter the existing drainage pattern of the site or area, resulting in on- or off-site flooding	LS/PR	NI	NI	NI
Exceed the capacity of existing or planned stormwater drainage systems or provide additional sources of polluted runoff	LS/PR	NI	NI	NI
Otherwise degrade water quality	LS	NI	NI	NI
Place housing within a 100-year flood hazard area	NI	NI	NI	NI
Place within a 100-year flood hazard area structures that would impede or redirect flood flows	LS/PR	NI	NI	NI
Risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam	LS/PR	NI	NI	NI
Inundation by seiche, tsunami, or mudflow	LS/PR	NI	NI	NI
Cumulative impacts	LS/PR	NI	NI	NI
Land Use/Planning				
Physically divide an established community	NI	NI	NI	NI
Conflict with any applicable land use plan, policy, or regulation	LS	LS	LS	LS
Conflict with any applicable habitat conservation plan or natural community conservation plan	LS/PR	NI	NI	NI
Cumulative impacts	LS/PR	LS	LS	LS
Mineral Resources				
Loss of availability of a known mineral resource	NI	NI	NI	NI
Loss of availability of a locally important mineral resource recovery site	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI
Noise				
Noise levels in excess of standards established in the local general plan or noise ordinance	LS/PR	NI	NI	NI

Table 2-4 Summary of Environmental Impacts of Implementing Local Reduction Measures in Chino Hills

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>			
	<i>Energy-7</i>	<i>Wastewater-2</i>	<i>Transportation-2</i>	<i>Water-4</i>
Excessive groundborne vibration or groundborne noise levels	LS/PR	NI	NI	NI
Permanent increase in ambient noise levels	NI	NI	NI	NI
Temporary or periodic increase in ambient noise levels	LS/PR	NI	NI	NI
Excessive noise levels within 2 miles of a public airport or public use airport	NI	NI	NI	NI
Excessive noise levels within the vicinity of a private airstrip	NI	NI	NI	NI
Cumulative impacts	LS/PR	NI	NI	NI
Population/Housing				
Induce substantial population growth	NI	NI	NI	NI
Displace substantial numbers of existing housing	NI	NI	NI	NI
Displace substantial numbers of people	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI
Public Services				
Provision or need of new or physically altered governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for public services	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI
Recreation				
Physical deterioration of recreational facilities	NI	NI	NI	NI
Construction or expansion of recreational facilities	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI

Table 2-4 Summary of Environmental Impacts of Implementing Local Reduction Measures in Chino Hills

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>			
	<i>Energy-7</i>	<i>Wastewater-2</i>	<i>Transportation-2</i>	<i>Water-4</i>
Transportation/Traffic				
Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system	NI	NI	LS	NI
Conflict with an applicable congestion management program	NI	NI	LS	NI
Change in air traffic patterns that results in substantial safety risks	NI	NI	NI	NI
Increase hazards due to a design feature or incompatible uses	LS/PR	NI	NI	NI
Inadequate emergency access	LS/PR	NI	NI	NI
Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities	NI	NI	LS	NI
Cumulative impacts	LS/PR	NI	LS	NI
Utilities/Service Systems				
Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board	NI	LS	NI	NI
Construction or expansion of new or existing water or wastewater treatment facilities	NI	LS	NI	LS
Construction or expansion of new or existing stormwater drainage facilities	NI	NI	NI	NI
Insufficient water supplies from existing entitlements and resources, or need new or expanded entitlements	NI	NI	NI	LS
Inadequate wastewater treatment capacity	NI	LS	NI	NI
Insufficient permitted solid waste disposal capacity	NI	NI	NI	NI
Noncompliance with federal, state, or local statutes and regulations related to solid waste	NI	NI	NI	NI
Cumulative impacts	NI	LS	NI	LS

Table 2-5 Summary of Environmental Impacts of Implementing Local Reduction Measures in Colton

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																
	Energy-1	Energy-2	Energy-4	Energy-8	Land Use-1	Wastewater-1	Wastewater-2	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-3	Water-4	Waste-2	PS-1
Aesthetics																	
Scenic vistas	LS	NI	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Scenic highways	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Visual character or quality	LS	NI	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Light and glare	LS	LS	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Agriculture/Forestry Resources																	
Convert farmland to nonagricultural use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing agricultural zoning or Williamson Act	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing forest land or timberland zoning	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss or conversion of forest land to nonforest land	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Other changes causing conversion of farmland to nonfarmland use or forest land to nonforest land use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Air Quality																	
Conflict or obstruct air quality management plan	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Violation of air quality standard	LS	NI	NI	LS	LS	LS	NI	LS	NI	LS	LS	LS	NI	NI	NI	NI	LS
Exposure of sensitive receptors	NI	NI	NI	NI	NI	LS	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI
Creation of objectionable odors	NI	NI	NI	NI	LS	LS	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulatively considerable net increase of any nonattainment criteria pollutant	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS

Table 2-5 Summary of Environmental Impacts of Implementing Local Reduction Measures in Colton

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																
	Energy-1	Energy-2	Energy-4	Energy-8	Land Use-1	Wastewater-1	Wastewater-2	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-3	Water-4	Waste-2	PS-1
Biological Resources																	
Special-status species	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Riparian habitat or other sensitive natural community	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Protected wetlands	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Wildlife movement	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with any local policies or ordinances protecting biological resources	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with habitat conservation plan	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cultural Resources																	
Substantial adverse change in significance of a historical resource	LS/MM	NI	NI	LS/MM	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI	NI
Substantial adverse change in significance of a archaeological resource	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Destruction of a unique paleontological resource or site or unique geologic feature	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Disturb any human remains	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/MM	NI	NI	LS/MM	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI	NI
Geology/Soils																	
Fault rupture, strong seismic groundshaking, seismic-related ground failure, including liquefaction, landslides	NI	NI	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Substantial soil erosion or loss of topsoil	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located on a geologic unit or soil that is unstable, resulting in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-5 Summary of Environmental Impacts of Implementing Local Reduction Measures in Colton

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																
	Energy-1	Energy-2	Energy-4	Energy-8	Land Use-1	Wastewater-1	Wastewater-2	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-3	Water-4	Waste-2	PS-1
Located on expansive soil	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Greenhouse Gas Emissions/Global Climate Change																	
Generate greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with an applicable plan, policy, or regulation to reduce greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Hazards/Hazardous Materials																	
Create significant hazard through the routine transport, use, or disposal of hazardous materials	LS/PR	NI	NI	LS/PR	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Create significant hazard through release of hazardous materials	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Emit hazardous emissions or handle acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located on a site that is included on a list of hazardous materials sites, creating significant hazard	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Impair or interfere with an adopted emergency response plan or emergency evacuation plan	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving wildland fires	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/PR	NI	NI	LS/PR	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-5 Summary of Environmental Impacts of Implementing Local Reduction Measures in Colton

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																
	Energy-1	Energy-2	Energy-4	Energy-8	Land Use-1	Wastewater-1	Wastewater-2	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-3	Water-4	Waste-2	PS-1
Hydrology/Water Quality																	
Violate any water quality standards or waste discharge requirements	NI	NI	NI	NI	NI	NI	LS	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Deplete groundwater supplies or interfere with groundwater recharge	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in substantial erosion or siltation	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in on- or off-site flooding	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Exceed the capacity of existing or planned stormwater drainage systems or provide additional sources of polluted runoff	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Otherwise degrade water quality	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI
Place housing within a 100-year flood hazard area	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Place within a 100-year flood hazard area structures that would impede or redirect flood flows	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Inundation by seiche, tsunami, or mudflow	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	LS	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Land Use/Planning																	
Physically divide an established community	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with any applicable land use plan, policy, or regulation	LS	LS	LS	NI	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with any applicable habitat conservation plan or natural community conservation plan	NI	NI	LS	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS	LS	NI	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS

Table 2-5 Summary of Environmental Impacts of Implementing Local Reduction Measures in Colton

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																
	Energy-1	Energy-2	Energy-4	Energy-8	Land Use-1	Wastewater-1	Wastewater-2	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-3	Water-4	Waste-2	PS-1
Mineral Resources																	
Loss of availability of a known mineral resource	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss of availability of a locally important mineral resource recovery site	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Noise																	
Noise levels in excess of standards established in the local general plan or noise ordinance	NI	NI	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive groundborne vibration or groundborne noise levels	NI	NI	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Permanent increase in ambient noise levels	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Temporary or periodic increase in ambient noise levels	NI	NI	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Population/Housing																	
Induce substantial population growth	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of existing housing	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of people	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Public Services																	
Provision or need of new or physically altered governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for public services	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-5 Summary of Environmental Impacts of Implementing Local Reduction Measures in Colton

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																	
	Energy-1	Energy-2	Energy-4	Energy-8	Land Use-1	Wastewater-1	Wastewater-2	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-3	Water-4	Waste-2	PS-1	
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Recreation																		
Physical deterioration of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of recreational facilities	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Transportation/Traffic																		
Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS
Conflict with an applicable congestion management program	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS
Change in air traffic patterns that results in substantial safety risks	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Increase hazards due to a design feature or incompatible uses	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Inadequate emergency access	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS
Utilities/Service Systems																		
Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of new or existing water or wastewater treatment facilities	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	LS	LS	LS	NI	NI	NI
Construction or expansion of new or existing stormwater drainage facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-5 Summary of Environmental Impacts of Implementing Local Reduction Measures in Colton

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>																
	<i>Energy-1</i>	<i>Energy-2</i>	<i>Energy-4</i>	<i>Energy-8</i>	<i>Land Use-1</i>	<i>Wastewater-1</i>	<i>Wastewater-2</i>	<i>Transportation-1</i>	<i>Transportation-2</i>	<i>Off-Road-1</i>	<i>Off-Road-2</i>	<i>Off-Road-3</i>	<i>Water-1</i>	<i>Water-3</i>	<i>Water-4</i>	<i>Waste-2</i>	<i>PS-1</i>
Insufficient water supplies from existing entitlements and resources, or need new or expanded entitlements	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	LS	NI	NI
Inadequate wastewater treatment capacity	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Insufficient permitted solid waste disposal capacity	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI
Noncompliance with federal, state, or local statutes and regulations related to solid waste	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	LS	LS	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	LS	LS	LS	LS	NI

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Table 2-6 Summary of Environmental Impacts of Implementing Local Reduction Measures in Fontana

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure					
	Energy-2	Wastewater-2	Transportation-1	Transportation-2	Water-4	PS-1
Aesthetics						
Scenic vistas	NI	NI	LS/PR	NI	NI	NI
Scenic highways	NI	NI	LS/PR	NI	NI	NI
Visual character or quality	NI	NI	LS/PR	NI	NI	NI
Light and glare	LS	NI	LS/PR	NI	NI	NI
Cumulative impacts	LS	NI	LS/PR	NI	NI	NI
Agriculture/Forestry Resources						
Convert farmland to nonagricultural use	NI	NI	NI	NI	NI	NI
Conflict with existing agricultural zoning or Williamson Act	NI	NI	NI	NI	NI	NI
Conflict with existing forest land or timberland zoning	NI	NI	NI	NI	NI	NI
Loss or conversion of forest land to nonforest land	NI	NI	NI	NI	NI	NI
Other changes causing conversion of farmland to nonfarmland use or forest land to nonforest land use	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI
Air Quality						
Conflict or obstruct air quality management plan	LS	LS	LS	LS	LS	LS
Violation of air quality standard	NI	NI	LS	NI	NI	LS
Exposure of sensitive receptors	NI	NI	LS/MM	NI	NI	NI
Creation of objectionable odors	NI	NI	LS	NI	NI	NI
Cumulatively considerable net increase of any nonattainment criteria pollutant	NI	NI	LS	NI	NI	LS

Table 2-6 Summary of Environmental Impacts of Implementing Local Reduction Measures in Fontana

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure					
	Energy-2	Wastewater-2	Transportation-1	Transportation-2	Water-4	PS-1
Biological Resources						
Special-status species	NI	NI	LS/PR	NI	NI	NI
Riparian habitat or other sensitive natural community	NI	NI	LS/PR	NI	NI	NI
Protected wetlands	NI	NI	LS/PR	NI	NI	NI
Wildlife movement	NI	NI	LS/PR	NI	NI	NI
Conflict with any local policies or ordinances protecting biological resources	NI	NI	LS/PR	NI	NI	NI
Conflict with habitat conservation plan	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	LS/PR	NI	NI	NI
Cultural Resources						
Substantial adverse change in significance of a historical resource	NI	NI	LS/PR	NI	NI	NI
Substantial adverse change in significance of a archaeological resource	NI	NI	LS/PR	NI	NI	NI
Destruction of a unique paleontological resource or site or unique geologic feature	NI	NI	LS/PR	NI	NI	NI
Disturb any human remains	NI	NI	LS/PR	NI	NI	NI
Cumulative impacts	NI	NI	LS/PR	NI	NI	NI
Geology/Soils						
Fault rupture, strong seismic groundshaking, seismic-related ground failure, including liquefaction, landslides	NI	NI	LS/PR	NI	NI	NI
Substantial soil erosion or loss of topsoil	NI	NI	LS/PR	NI	NI	NI
Located on a geologic unit or soil that is unstable, resulting in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse	NI	NI	LS/PR	NI	NI	NI
Located on expansive soil	NI	NI	LS/PR	NI	NI	NI

Table 2-6 Summary of Environmental Impacts of Implementing Local Reduction Measures in Fontana

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>					
	<i>Energy-2</i>	<i>Wastewater-2</i>	<i>Transportation-1</i>	<i>Transportation-2</i>	<i>Water-4</i>	<i>PS-1</i>
Soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	LS/PR	NI	NI	NI
Greenhouse Gas Emissions/Global Climate Change						
Generate greenhouse gas emissions	LS	LS	LS	LS	LS	LS
Conflict with an applicable plan, policy, or regulation to reduce greenhouse gas emissions	LS	LS	LS	LS	LS	LS
Hazards/Hazardous Materials						
Create significant hazard through the routine transport, use, or disposal of hazardous materials	NI	NI	LS/PR	NI	NI	NI
Create significant hazard through release of hazardous materials	NI	NI	NI	NI	NI	NI
Emit hazardous emissions or handle acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school	NI	NI	NI	NI	NI	NI
Located on a site that is included on a list of hazardous materials sites, creating significant hazard	NI	NI	LS/PR	NI	NI	NI
Located within 2 miles of a public airport or public use airport	NI	NI	LS/PR	NI	NI	NI
Located within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI
Impair or interfere with an adopted emergency response plan or emergency evacuation plan	NI	NI	LS/PR	NI	NI	NI
Risk of loss, injury, or death involving wildland fires	NI	NI	LS/PR	NI	NI	NI
Cumulative impacts	NI	NI	LS/PR	NI	NI	NI
Hydrology/Water Quality						
Violate any water quality standards or waste discharge requirements	NI	LS	LS/PR	NI	NI	NI
Deplete groundwater supplies or interfere with groundwater recharge	NI	NI	LS	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in substantial erosion or siltation	NI	NI	LS/PR	NI	NI	NI

Table 2-6 Summary of Environmental Impacts of Implementing Local Reduction Measures in Fontana

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>					
	<i>Energy-2</i>	<i>Wastewater-2</i>	<i>Transportation-1</i>	<i>Transportation-2</i>	<i>Water-4</i>	<i>PS-1</i>
Alter the existing drainage pattern of the site or area, resulting in on- or off-site flooding	NI	NI	LS/PR	NI	NI	NI
Exceed the capacity of existing or planned stormwater drainage systems or provide additional sources of polluted runoff	NI	NI	LS/PR	NI	NI	NI
Otherwise degrade water quality	NI	NI	LS	NI	NI	NI
Place housing within a 100-year flood hazard area	NI	NI	LS/PR	NI	NI	NI
Place within a 100-year flood hazard area structures that would impede or redirect flood flows	NI	NI	LS/PR	NI	NI	NI
Risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam	NI	NI	LS	NI	NI	NI
Inundation by seiche, tsunami, or mudflow	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	LS/PR	NI	NI	NI
Land Use/Planning						
Physically divide an established community	NI	NI	NI	NI	NI	NI
Conflict with any applicable land use plan, policy, or regulation	LS	LS	LS	LS	LS	LS
Conflict with any applicable habitat conservation plan or natural community conservation plan	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	LS
Mineral Resources						
Loss of availability of a known mineral resource	NI	NI	NI	NI	NI	NI
Loss of availability of a locally important mineral resource recovery site	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI
Noise						
Noise levels in excess of standards established in the local general plan or noise ordinance	NI	NI	LS/PR	NI	NI	NI

Table 2-6 Summary of Environmental Impacts of Implementing Local Reduction Measures in Fontana

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>					
	<i>Energy-2</i>	<i>Wastewater-2</i>	<i>Transportation-1</i>	<i>Transportation-2</i>	<i>Water-4</i>	<i>PS-1</i>
Excessive groundborne vibration or groundborne noise levels	NI	NI	LS/PR	NI	NI	NI
Permanent increase in ambient noise levels	NI	NI	LS/PR	NI	NI	NI
Temporary or periodic increase in ambient noise levels	NI	NI	LS/PR	NI	NI	NI
Excessive noise levels within 2 miles of a public airport or public use airport	NI	NI	LS/PR	NI	NI	NI
Excessive noise levels within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	LS/PR	NI	NI	NI
Population/Housing						
Induce substantial population growth	NI	NI	NI	NI	NI	NI
Displace substantial numbers of existing housing	NI	NI	NI	NI	NI	NI
Displace substantial numbers of people	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI
Public Services						
Provision or need of new or physically altered governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for public services	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI
Recreation						
Physical deterioration of recreational facilities	NI	NI	NI	NI	NI	NI
Construction or expansion of recreational facilities	NI	NI	LS/PR	NI	NI	NI
Cumulative impacts	NI	NI	LS/PR	NI	NI	NI

Table 2-6 Summary of Environmental Impacts of Implementing Local Reduction Measures in Fontana

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>					
	<i>Energy-2</i>	<i>Wastewater-2</i>	<i>Transportation-1</i>	<i>Transportation-2</i>	<i>Water-4</i>	<i>PS-1</i>
Transportation/Traffic						
Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system	NI	NI	LS	LS	NI	LS
Conflict with an applicable congestion management program	NI	NI	LS	LS	NI	LS
Change in air traffic patterns that results in substantial safety risks	NI	NI	NI	NI	NI	NI
Increase hazards due to a design feature or incompatible uses	NI	NI	LS/PR	NI	NI	NI
Inadequate emergency access	NI	NI	LS/PR	NI	NI	NI
Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities	NI	NI	LS	LS	NI	LS
Cumulative impacts	NI	NI	LS/PR	LS	NI	LS
Utilities/Service Systems						
Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board	NI	LS	NI	NI	NI	NI
Construction or expansion of new or existing water or wastewater treatment facilities	NI	LS	LS/PR	NI	LS	NI
Construction or expansion of new or existing stormwater drainage facilities	NI	NI	LS/PR	NI	NI	NI
Insufficient water supplies from existing entitlements and resources, or need new or expanded entitlements	NI	NI	LS/PR	NI	LS	NI
Inadequate wastewater treatment capacity	NI	LS	NI	NI	NI	NI
Insufficient permitted solid waste disposal capacity	NI	NI	NI	NI	NI	NI
Noncompliance with federal, state, or local statutes and regulations related to solid waste	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	LS	LS/PR	NI	LS	NI

Table 2-7 Summary of Environmental Impacts of Implementing Local Reduction Measures in Grand Terrace

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>						
	<i>Energy-1</i>	<i>Energy-2</i>	<i>Energy-4</i>	<i>Wastewater-2</i>	<i>Transportation-2</i>	<i>Water-4</i>	<i>PS-1</i>
Aesthetics							
Scenic vistas	LS	NI	LS/PR	NI	NI	NI	NI
Scenic highways	NI	NI	NI	NI	NI	NI	NI
Visual character or quality	LS	NI	LS/PR	NI	NI	NI	NI
Light and glare	LS	LS	LS/PR	NI	NI	NI	NI
Cumulative impacts	LS	LS	LS/PR	NI	NI	NI	NI
Agriculture/Forestry Resources							
Convert farmland to nonagricultural use	NI	NI	NI	NI	NI	NI	NI
Conflict with existing agricultural zoning or Williamson Act	NI	NI	NI	NI	NI	NI	NI
Conflict with existing forest land or timberland zoning	NI	NI	NI	NI	NI	NI	NI
Loss or conversion of forest land to nonforest land	NI	NI	NI	NI	NI	NI	NI
Other changes causing conversion of farmland to nonfarmland use or forest land to nonforest land use	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI
Air Quality							
Conflict or obstruct air quality management plan	LS	LS	LS	LS	LS	LS	LS
Violation of air quality standard	NI	NI	NI	NI	NI	NI	LS
Exposure of sensitive receptors	NI	NI	NI	NI	NI	NI	NI
Creation of objectionable odors	NI	NI	NI	NI	NI	NI	NI
Cumulatively considerable net increase of any nonattainment criteria pollutant	LS	LS	LS	NI	NI	NI	LS

Table 2-7 Summary of Environmental Impacts of Implementing Local Reduction Measures in Grand Terrace

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>						
	<i>Energy-1</i>	<i>Energy-2</i>	<i>Energy-4</i>	<i>Wastewater-2</i>	<i>Transportation-2</i>	<i>Water-4</i>	<i>PS-1</i>
Biological Resources							
Special-status species	NI	NI	NI	NI	NI	NI	NI
Riparian habitat or other sensitive natural community	NI	NI	NI	NI	NI	NI	NI
Protected wetlands	NI	NI	NI	NI	NI	NI	NI
Wildlife movement	NI	NI	NI	NI	NI	NI	NI
Conflict with any local policies or ordinances protecting biological resources	NI	NI	NI	NI	NI	NI	NI
Conflict with habitat conservation plan	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI
Cultural Resources							
Substantial adverse change in significance of a historical resource	LS/MM	NI	NI	NI	NI	NI	NI
Substantial adverse change in significance of a archaeological resource	NI	NI	NI	NI	NI	NI	NI
Destruction of a unique paleontological resource or site or unique geologic feature	NI	NI	NI	NI	NI	NI	NI
Disturb any human remains	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/MM	NI	NI	NI	NI	NI	NI
Geology/Soils							
Fault rupture, strong seismic groundshaking, seismic-related ground failure, including liquefaction, landslides	LS/PR	NI	LS/PR	NI	NI	NI	NI
Substantial soil erosion or loss of topsoil	NI	NI	NI	NI	NI	NI	NI
Located on a geologic unit or soil that is unstable, resulting in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse	NI	NI	NI	NI	NI	NI	NI
Located on expansive soil	NI	NI	NI	NI	NI	NI	NI

Table 2-7 Summary of Environmental Impacts of Implementing Local Reduction Measures in Grand Terrace

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>						
	<i>Energy-1</i>	<i>Energy-2</i>	<i>Energy-4</i>	<i>Wastewater-2</i>	<i>Transportation-2</i>	<i>Water-4</i>	<i>PS-1</i>
Soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/PR	NI	NI	NI	NI	NI	NI
Greenhouse Gas Emissions/Global Climate Change							
Generate greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS
Conflict with an applicable plan, policy, or regulation to reduce greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS
Hazards/Hazardous Materials							
Create significant hazard through the routine transport, use, or disposal of hazardous materials	LS/PR	NI	NI	NI	NI	NI	NI
Create significant hazard through release of hazardous materials	NI	NI	NI	NI	NI	NI	NI
Emit hazardous emissions or handle acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school	NI	NI	NI	NI	NI	NI	NI
Located on a site that is included on a list of hazardous materials sites, creating significant hazard	NI	NI	NI	NI	NI	NI	NI
Located within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI
Located within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI
Impair or interfere with an adopted emergency response plan or emergency evacuation plan	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving wildland fires	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/PR	NI	NI	NI	NI	NI	NI
Hydrology/Water Quality							
Violate any water quality standards or waste discharge requirements	NI	NI	NI	LS	NI	NI	NI
Deplete groundwater supplies or interfere with groundwater recharge	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in substantial erosion or siltation	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in on- or off-site flooding	NI	NI	NI	NI	NI	NI	NI

Table 2-7 Summary of Environmental Impacts of Implementing Local Reduction Measures in Grand Terrace

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>						
	<i>Energy-1</i>	<i>Energy-2</i>	<i>Energy-4</i>	<i>Wastewater-2</i>	<i>Transportation-2</i>	<i>Water-4</i>	<i>PS-1</i>
Exceed the capacity of existing or planned stormwater drainage systems or provide additional sources of polluted runoff	NI	NI	NI	NI	NI	NI	NI
Otherwise degrade water quality	NI	NI	NI	NI	NI	NI	NI
Place housing within a 100-year flood hazard area	NI	NI	NI	NI	NI	NI	NI
Place within a 100-year flood hazard area structures that would impede or redirect flood flows	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam	NI	NI	NI	NI	NI	NI	NI
Inundation by seiche, tsunami, or mudflow	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS	NI	NI	NI
Land Use/Planning							
Physically divide an established community	NI	NI	NI	NI	NI	NI	NI
Conflict with any applicable land use plan, policy, or regulation	LS	LS	LS	LS	LS	LS	LS
Conflict with any applicable habitat conservation plan or natural community conservation plan	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS	LS	LS	LS	LS	LS
Mineral Resources							
Loss of availability of a known mineral resource	NI	NI	NI	NI	NI	NI	NI
Loss of availability of a locally important mineral resource recovery site	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI
Noise							
Noise levels in excess of standards established in the local general plan or noise ordinance	LS/PR	NI	NI	NI	NI	NI	NI
Excessive groundborne vibration or groundborne noise levels	NI	NI	NI	NI	NI	NI	NI
Permanent increase in ambient noise levels	NI	NI	NI	NI	NI	NI	NI

Table 2-7 Summary of Environmental Impacts of Implementing Local Reduction Measures in Grand Terrace

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>						
	<i>Energy-1</i>	<i>Energy-2</i>	<i>Energy-4</i>	<i>Wastewater-2</i>	<i>Transportation-2</i>	<i>Water-4</i>	<i>PS-1</i>
Temporary or periodic increase in ambient noise levels	LS/PR	NI	NI	NI	NI	NI	NI
Excessive noise levels within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/PR	NI	NI	NI	NI	NI	NI
Population/Housing							
Induce substantial population growth	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of existing housing	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of people	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI
Public Services							
Provision or need of new or physically altered governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for public services	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI
Recreation							
Physical deterioration of recreational facilities	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of recreational facilities	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI
Transportation/Traffic							
Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system	NI	NI	NI	NI	LS	NI	LS
Conflict with an applicable congestion management program	NI	NI	NI	NI	LS	NI	LS

Table 2-7 Summary of Environmental Impacts of Implementing Local Reduction Measures in Grand Terrace

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>						
	<i>Energy-1</i>	<i>Energy-2</i>	<i>Energy-4</i>	<i>Wastewater-2</i>	<i>Transportation-2</i>	<i>Water-4</i>	<i>PS-1</i>
Change in air traffic patterns that results in substantial safety risks	NI	NI	NI	NI	NI	NI	NI
Increase hazards due to a design feature or incompatible uses	NI	NI	NI	NI	NI	NI	NI
Inadequate emergency access	NI	NI	NI	NI	NI	NI	NI
Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities	NI	NI	NI	NI	LS	NI	LS
Cumulative impacts	NI	NI	NI	NI	LS	NI	LS
Utilities/Service Systems							
Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board	NI	NI	NI	LS	NI	NI	NI
Construction or expansion of new or existing water or wastewater treatment facilities	NI	NI	NI	LS	NI	LS	NI
Construction or expansion of new or existing stormwater drainage facilities	NI	NI	NI	NI	NI	NI	NI
Insufficient water supplies from existing entitlements and resources, or need new or expanded entitlements	NI	NI	NI	NI	NI	LS	NI
Inadequate wastewater treatment capacity	NI	NI	NI	LS	NI	NI	NI
Insufficient permitted solid waste disposal capacity	NI	NI	NI	NI	NI	NI	NI
Noncompliance with federal, state, or local statutes and regulations related to solid waste	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS	NI	LS	NI

Table 2-8 Summary of Environmental Impacts of Implementing Local Reduction Measures in Hesperia

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																	
	Energy-1	Energy-2	Energy-4	Energy-6	Energy-7	Energy-8	Land Use-1	Wastewater-1	Wastewater-2	Wastewater-3	Transportation-1	Off-Road-1	Off-Road-3	Water-1	Water-2	Water-3	Waste-2	PS-1
Aesthetics																		
Scenic vistas	LS	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Scenic highways	LS	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Visual character or quality	LS	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Light and glare	LS	LS	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Agriculture/Forestry Resources																		
Convert farmland to nonagricultural use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing agricultural zoning or Williamson Act	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing forest land or timberland zoning	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss or conversion of forest land to nonforest land	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Other changes causing conversion of farmland to nonfarmland use or forest land to nonforest land use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Air Quality																		
Conflict or obstruct air quality management plan	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Violation of air quality standard	LS	NI	NI	LS	LS	LS	LS	LS	NI	NI	LS	LS	LS	NI	NI	NI	NI	LS
Exposure of sensitive receptors	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI
Creation of objectionable odors	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI
Cumulatively considerable net increase of any nonattainment criteria pollutant	LS	LS	LS	LS	LS	LS	LS	LS	LS	NI	LS	LS	LS	LS	LS	LS	LS	LS

Table 2-8 Summary of Environmental Impacts of Implementing Local Reduction Measures in Hesperia

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																	
	Energy-1	Energy-2	Energy-4	Energy-6	Energy-7	Energy-8	Land Use-1	Wastewater-1	Wastewater-2	Wastewater-3	Transportation-1	Off-Road-1	Off-Road-3	Water-1	Water-2	Water-3	Waste-2	PS-1
Biological Resources																		
Special-status species	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Riparian habitat or other sensitive natural community	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Protected wetlands	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Wildlife movement	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Conflict with any local policies or ordinances protecting biological resources	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Conflict with habitat conservation plan	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Cultural Resources																		
Substantial adverse change in significance of a historical resource	LS/MM	NI	NI	LS/MM	LS/MM	LS/MM	NI	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI
Substantial adverse change in significance of a archaeological resource	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Destruction of a unique paleontological resource or site or unique geologic feature	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Disturb any human remains	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/MM	NI	NI	LS/PR	LS/MM	LS/MM	NI	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI
Geology/Soils																		
Fault rupture, strong seismic groundshaking, seismic-related ground failure, including liquefaction, landslides	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Substantial soil erosion or loss of topsoil	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Located on a geologic unit or soil that is unstable, resulting in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI

Table 2-8 Summary of Environmental Impacts of Implementing Local Reduction Measures in Hesperia

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																	
	Energy-1	Energy-2	Energy-4	Energy-6	Energy-7	Energy-8	Land Use-1	Wastewater-1	Wastewater-2	Wastewater-3	Transportation-1	Off-Road-1	Off-Road-3	Water-1	Water-2	Water-3	Waste-2	PS-1
Located on expansive soil	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Greenhouse Gas Emissions/Global Climate Change																		
Generate greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with an applicable plan, policy, or regulation to reduce greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Hazards/Hazardous Materials																		
Create significant hazard through the routine transport, use, or disposal of hazardous materials	LS/PR	NI	NI	LS/PR	LS/PR	LS/PR	NI	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Create significant hazard through release of hazardous materials	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Emit hazardous emissions or handle acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located on a site that is included on a list of hazardous materials sites, creating significant hazard	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI
Located within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Located within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Impair or interfere with an adopted emergency response plan or emergency evacuation plan	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving wildland fires	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/PR	NI	NI	LS/PR	LS/PR	LS/PR	NI	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI

Table 2-8 Summary of Environmental Impacts of Implementing Local Reduction Measures in Hesperia

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																	
	Energy-1	Energy-2	Energy-4	Energy-6	Energy-7	Energy-8	Land Use-1	Wastewater-1	Wastewater-2	Wastewater-3	Transportation-1	Off-Road-1	Off-Road-3	Water-1	Water-2	Water-3	Waste-2	PS-1
Hydrology/Water Quality																		
Violate any water quality standards or waste discharge requirements	NI	NI	NI	NI	LS/PR	NI	NI	NI	LS	LS	LS/PR	NI	NI	NI	NI	NI	NI	NI
Deplete groundwater supplies or interfere with groundwater recharge	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in substantial erosion or siltation	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in on- or off-site flooding	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Exceed the capacity of existing or planned stormwater drainage systems or provide additional sources of polluted runoff	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Otherwise degrade water quality	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Place housing within a 100-year flood hazard area	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Place within a 100-year flood hazard area structures that would impede or redirect flood flows	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Inundation by seiche, tsunami, or mudflow	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	LS	LS	LS/PR	NI	NI	NI	NI	NI	NI	NI
Land Use/Planning																		
Physically divide an established community	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with any applicable land use plan, policy, or regulation	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with any applicable habitat conservation plan or natural community conservation plan	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI

Table 2-8 Summary of Environmental Impacts of Implementing Local Reduction Measures in Hesperia

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																	
	Energy-1	Energy-2	Energy-4	Energy-6	Energy-7	Energy-8	Land Use-1	Wastewater-1	Wastewater-2	Wastewater-3	Transportation-1	Off-Road-1	Off-Road-3	Water-1	Water-2	Water-3	Waste-2	PS-1
Cumulative impacts	LS	LS	LS	LS	LS/PR	NI	LS	LS	LS	LS	LS/PR	LS	LS	LS	LS	LS	LS	LS
Mineral Resources																		
Loss of availability of a known mineral resource	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss of availability of a locally important mineral resource recovery site	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Noise																		
Noise levels in excess of standards established in the local general plan or noise ordinance	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Excessive groundborne vibration or groundborne noise levels	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Permanent increase in ambient noise levels	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Temporary or periodic increase in ambient noise levels	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Population/Housing																		
Induce substantial population growth	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of existing housing	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of people	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-8 Summary of Environmental Impacts of Implementing Local Reduction Measures in Hesperia

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																	
	Energy-1	Energy-2	Energy-4	Energy-6	Energy-7	Energy-8	Land Use-1	Wastewater-1	Wastewater-2	Wastewater-3	Transportation-1	Off-Road-1	Off-Road-3	Water-1	Water-2	Water-3	Waste-2	PS-1
Public Services																		
Provision or need of new or physically altered governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for public services	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Recreation																		
Physical deterioration of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Transportation/Traffic																		
Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	LS
Conflict with an applicable congestion management program	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	LS
Change in air traffic patterns that results in substantial safety risks	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Increase hazards due to a design feature or incompatible uses	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Inadequate emergency access	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	LS
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS
Utilities/Service Systems																		
Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-8 Summary of Environmental Impacts of Implementing Local Reduction Measures in Hesperia

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>																	
	<i>Energy-1</i>	<i>Energy-2</i>	<i>Energy-4</i>	<i>Energy-6</i>	<i>Energy-7</i>	<i>Energy-8</i>	<i>Land Use-1</i>	<i>Wastewater-1</i>	<i>Wastewater-2</i>	<i>Wastewater-3</i>	<i>Transportation-1</i>	<i>Off-Road-1</i>	<i>Off-Road-3</i>	<i>Water-1</i>	<i>Water-2</i>	<i>Water-3</i>	<i>Waste-2</i>	<i>PS-1</i>
Construction or expansion of new or existing water or wastewater treatment facilities	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	LS	LS	LS	NI	NI
Construction or expansion of new or existing stormwater drainage facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Insufficient water supplies from existing entitlements and resources, or need new or expanded entitlements	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	LS	NI	NI
Inadequate wastewater treatment capacity	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	NI	NI	NI
Insufficient permitted solid waste disposal capacity	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI
Noncompliance with federal, state, or local statutes and regulations related to solid waste	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	LS	LS	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	LS	LS	LS	LS	NI

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Table 2-9 Summary of Environmental Impacts of Implementing Local Reduction Measures in Highland

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>					
	<i>Energy-4</i>	<i>Energy-5</i>	<i>Transportation-2</i>	<i>Off-Road-2</i>	<i>Water-4</i>	<i>PS-1</i>
Aesthetics						
Scenic vistas	LS/PR	LS/PR	NI	NI	NI	NI
Scenic highways	NI	NI	NI	NI	NI	NI
Visual character or quality	LS/PR	LS/PR	NI	NI	NI	NI
Light and glare	LS/PR	LS/PR	NI	NI	NI	NI
Cumulative impacts	LS/PR	LS/PR	NI	NI	NI	NI
Agriculture/Forestry Resources						
Convert farmland to nonagricultural use	NI	NI	NI	NI	NI	NI
Conflict with existing agricultural zoning or Williamson Act	NI	NI	NI	NI	NI	NI
Conflict with existing forest land or timberland zoning	NI	NI	NI	NI	NI	NI
Loss or conversion of forest land to nonforest land	NI	NI	NI	NI	NI	NI
Other changes causing conversion of farmland to nonfarmland use or forest land to nonforest land use	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI
Air Quality						
Conflict or obstruct air quality management plan	LS	LS	LS	LS	LS	LS
Violation of air quality standard	NI	LS	NI	LS	NI	LS
Exposure of sensitive receptors	NI	LS	NI	LS	NI	NI
Creation of objectionable odors	NI	LS	NI	LS	NI	NI
Cumulatively considerable net increase of any nonattainment criteria pollutant	LS	LS	NI	LS	NI	LS

Table 2-9 Summary of Environmental Impacts of Implementing Local Reduction Measures in Highland

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure					
	Energy-4	Energy-5	Transportation-2	Off-Road-2	Water-4	PS-1
Biological Resources						
Special-status species	NI	LS/PR	NI	NI	NI	NI
Riparian habitat or other sensitive natural community	NI	LS/PR	NI	NI	NI	NI
Protected wetlands	NI	LS/PR	NI	NI	NI	NI
Wildlife movement	NI	LS/PR	NI	NI	NI	NI
Conflict with any local policies or ordinances protecting biological resources	NI	LS/PR	NI	NI	NI	NI
Conflict with habitat conservation plan	NI	LS	NI	NI	NI	NI
Cumulative impacts	NI	LS/PR	NI	NI	NI	NI
Cultural Resources						
Substantial adverse change in significance of a historical resource	NI	LS/PR	NI	NI	NI	NI
Substantial adverse change in significance of a archaeological resource	NI	LS/PR	NI	NI	NI	NI
Destruction of a unique paleontological resource or site or unique geologic feature	NI	LS/PR	NI	NI	NI	NI
Disturb any human remains	NI	LS/PR	NI	NI	NI	NI
Cumulative impacts	NI	LS/PR	NI	NI	NI	NI
Geology/Soils						
Fault rupture, strong seismic groundshaking, seismic-related ground failure, including liquefaction, landslides	LS/PR	LS/PR	NI	NI	NI	NI
Substantial soil erosion or loss of topsoil	NI	LS/PR	NI	NI	NI	NI
Located on a geologic unit or soil that is unstable, resulting in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse	NI	LS/PR	NI	NI	NI	NI
Located on expansive soil	NI	LS/PR	NI	NI	NI	NI

Table 2-9 Summary of Environmental Impacts of Implementing Local Reduction Measures in Highland

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>					
	<i>Energy-4</i>	<i>Energy-5</i>	<i>Transportation-2</i>	<i>Off-Road-2</i>	<i>Water-4</i>	<i>PS-1</i>
Soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	LS/PR	NI	NI	NI	NI
Greenhouse Gas Emissions/Global Climate Change						
Generate greenhouse gas emissions	LS	LS	LS	LS	LS	LS
Conflict with an applicable plan, policy, or regulation to reduce greenhouse gas emissions	LS	LS	LS	LS	LS	LS
Hazards/Hazardous Materials						
Create significant hazard through the routine transport, use, or disposal of hazardous materials	NI	LS/PR	NI	NI	NI	NI
Create significant hazard through release of hazardous materials	NI	NI	NI	NI	NI	NI
Emit hazardous emissions or handle acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school	NI	NI	NI	NI	NI	NI
Located on a site that is included on a list of hazardous materials sites, creating significant hazard	NI	LS/PR	NI	NI	NI	NI
Located within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI
Located within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI
Impair or interfere with an adopted emergency response plan or emergency evacuation plan	NI	LS/PR	NI	NI	NI	NI
Risk of loss, injury, or death involving wildland fires	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	LS/PR	NI	NI	NI	NI
Hydrology/Water Quality						
Violate any water quality standards or waste discharge requirements	NI	LS/PR	NI	NI	NI	NI
Deplete groundwater supplies or interfere with groundwater recharge	NI	LS/PR	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in substantial erosion or siltation	NI	LS/PR	NI	NI	NI	NI

Table 2-9 Summary of Environmental Impacts of Implementing Local Reduction Measures in Highland

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>					
	<i>Energy-4</i>	<i>Energy-5</i>	<i>Transportation-2</i>	<i>Off-Road-2</i>	<i>Water-4</i>	<i>PS-1</i>
Alter the existing drainage pattern of the site or area, resulting in on- or off-site flooding	NI	LS/PR	NI	NI	NI	NI
Exceed the capacity of existing or planned stormwater drainage systems or provide additional sources of polluted runoff	NI	LS/PR	NI	NI	NI	NI
Otherwise degrade water quality	NI	LS/PR	NI	NI	NI	NI
Place housing within a 100-year flood hazard area	NI	NI	NI	NI	NI	NI
Place within a 100-year flood hazard area structures that would impede or redirect flood flows	NI	LS/PR	NI	NI	NI	NI
Risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam	NI	LS/PR	NI	NI	NI	NI
Inundation by seiche, tsunami, or mudflow	NI	LS	LS	NI	NI	NI
Cumulative impacts	NI	LS/PR	LS	NI	NI	NI
Land Use/Planning						
Physically divide an established community	NI	NI	NI	NI	NI	NI
Conflict with any applicable land use plan, policy, or regulation	LS	LS	LS	LS	LS	LS
Conflict with any applicable habitat conservation plan or natural community conservation plan	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS	LS	LS	LS	LS
Mineral Resources						
Loss of availability of a known mineral resource	NI	LS/PR	NI	NI	NI	NI
Loss of availability of a locally important mineral resource recovery site	NI	LS/PR	NI	NI	NI	NI
Cumulative impacts	NI	LS/PR	NI	NI	NI	NI
Noise						
Noise levels in excess of standards established in the local general plan or noise ordinance	NI	LS/PR	NI	NI	NI	NI

Table 2-9 Summary of Environmental Impacts of Implementing Local Reduction Measures in Highland

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>					
	<i>Energy-4</i>	<i>Energy-5</i>	<i>Transportation-2</i>	<i>Off-Road-2</i>	<i>Water-4</i>	<i>PS-1</i>
Excessive groundborne vibration or groundborne noise levels	NI	LS/PR	NI	NI	NI	NI
Permanent increase in ambient noise levels	NI	NI	NI	NI	NI	NI
Temporary or periodic increase in ambient noise levels	NI	LS/PR	NI	NI	NI	NI
Excessive noise levels within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI
Excessive noise levels within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	LS/PR	NI	NI	NI	NI
Population/Housing						
Induce substantial population growth	NI	NI	NI	NI	NI	NI
Displace substantial numbers of existing housing	NI	NI	NI	NI	NI	NI
Displace substantial numbers of people	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI
Public Services						
Provision or need of new or physically altered governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for public services	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI
Recreation						
Physical deterioration of recreational facilities	NI	NI	NI	NI	NI	NI
Construction or expansion of recreational facilities	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI

Table 2-9 Summary of Environmental Impacts of Implementing Local Reduction Measures in Highland

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>					
	<i>Energy-4</i>	<i>Energy-5</i>	<i>Transportation-2</i>	<i>Off-Road-2</i>	<i>Water-4</i>	<i>PS-1</i>
Transportation/Traffic						
Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system	NI	NI	LS	NI	NI	LS
Conflict with an applicable congestion management program	NI	NI	LS	NI	NI	LS
Change in air traffic patterns that results in substantial safety risks	NI	NI	NI	NI	NI	NI
Increase hazards due to a design feature or incompatible uses	NI	LS/PR	NI	NI	NI	NI
Inadequate emergency access	NI	LS/PR	NI	NI	NI	NI
Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities	NI	NI	LS	NI	NI	LS
Cumulative impacts	NI	LS/PR	LS	NI	NI	LS
Utilities/Service Systems						
Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board	NI	NI	NI	NI	NI	NI
Construction or expansion of new or existing water or wastewater treatment facilities	NI	NI	NI	NI	LS	NI
Construction or expansion of new or existing stormwater drainage facilities	NI	NI	NI	NI	NI	NI
Insufficient water supplies from existing entitlements and resources, or need new or expanded entitlements	NI	NI	NI	NI	LS	NI
Inadequate wastewater treatment capacity	NI	NI	NI	NI	NI	NI
Insufficient permitted solid waste disposal capacity	NI	NI	NI	NI	NI	NI
Noncompliance with federal, state, or local statutes and regulations related to solid waste	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS	NI

Table 2-10 Summary of Environmental Impacts of Implementing Local Reduction Measures in Loma Linda

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																	
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Land Use-1	Wastewater-2	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-3	PS-1
Aesthetics																		
Scenic vistas	LS	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Scenic highways	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Visual character or quality	LS	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Light and glare	LS	LS	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Agriculture/Forestry Resources																		
Convert farmland to nonagricultural use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing agricultural zoning or Williamson Act	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing forest land or timberland zoning	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss or conversion of forest land to nonforest land	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Other changes causing conversion of farmland to nonfarmland use or forest land to nonforest land use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Air Quality																		
Conflict or obstruct air quality management plan	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Violation of air quality standard	LS	NI	NI	NI	LS	LS	LS	LS	LS	LS	NI	LS	LS	LS	NI	NI	NI	LS
Exposure of sensitive receptors	NI	NI	NI	NI	LS	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI
Creation of objectionable odors	NI	NI	NI	NI	LS	NI	NI	LS	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI
Cumulatively considerable net increase of any nonattainment criteria pollutant	LS	LS	LS	LS	LS	LS	LS	LS	NI	LS	LS	LS	LS	LS	LS	LS	LS	LS

Table 2-10 Summary of Environmental Impacts of Implementing Local Reduction Measures in Loma Linda

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																	
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Land Use-1	Wastewater-2	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-3	PS-1
Biological Resources																		
Special-status species	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Riparian habitat or other sensitive natural community	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Protected wetlands	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Wildlife movement	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with any local policies or ordinances protecting biological resources	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with habitat conservation plan	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Cultural Resources																		
Substantial adverse change in significance of a historical resource	LS/MM	NI	NI	NI	LS/PR	LS/MM	LS/MM	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI
Substantial adverse change in significance of a archaeological resource	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Destruction of a unique paleontological resource or site or unique geologic feature	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Disturb any human remains	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/MM	NI	NI	NI	LS/PR	LS/MM	LS/MM	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI
Geology/Soils																		
Fault rupture, strong seismic groundshaking, seismic-related ground failure, including liquefaction, landslides	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	LS	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Substantial soil erosion or loss of topsoil	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Located on a geologic unit or soil that is unstable, resulting in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-10 Summary of Environmental Impacts of Implementing Local Reduction Measures in Loma Linda

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																		
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Land Use-1	Wastewater-2	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-3	PS-1	
Located on expansive soil	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	LS	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Greenhouse Gas Emissions/Global Climate Change																			
Generate greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with an applicable plan, policy, or regulation to reduce greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Hazards/Hazardous Materials																			
Create significant hazard through the routine transport, use, or disposal of hazardous materials	LS/PR	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Create significant hazard through release of hazardous materials	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Emit hazardous emissions or handle acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located on a site that is included on a list of hazardous materials sites, creating significant hazard	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Impair or interfere with an adopted emergency response plan or emergency evacuation plan	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving wildland fires	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/PR	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-10 Summary of Environmental Impacts of Implementing Local Reduction Measures in Loma Linda

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																	
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Land Use-1	Wastewater-2	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-3	PS-1
Hydrology/Water Quality																		
Violate any water quality standards or waste discharge requirements	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Deplete groundwater supplies or interfere with groundwater recharge	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in substantial erosion or siltation	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in on- or off-site flooding	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Exceed the capacity of existing or planned stormwater drainage systems or provide additional sources of polluted runoff	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Otherwise degrade water quality	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Place housing within a 100-year flood hazard area	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Place within a 100-year flood hazard area structures that would impede or redirect flood flows	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Inundation by seiche, tsunami, or mudflow	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Land Use/Planning																		
Physically divide an established community	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with any applicable land use plan, policy, or regulation	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with any applicable habitat conservation plan or natural community conservation plan	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-10 Summary of Environmental Impacts of Implementing Local Reduction Measures in Loma Linda

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																		
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Land Use-1	Wastewater-2	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-3	PS-1	
Cumulative impacts	LS	LS	LS	LS	LS	LS/PR	NI	LS	LS	LS/PR	LS	LS	LS	LS	LS	LS	LS	LS	LS
Mineral Resources																			
Loss of availability of a known mineral resource	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss of availability of a locally important mineral resource recovery site	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Noise																			
Noise levels in excess of standards established in the local general plan or noise ordinance	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive groundborne vibration or groundborne noise levels	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Permanent increase in ambient noise levels	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Temporary or periodic increase in ambient noise levels	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Population/Housing																			
Induce substantial population growth	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of existing housing	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of people	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-10 Summary of Environmental Impacts of Implementing Local Reduction Measures in Loma Linda

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																	
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Land Use-1	Wastewater-2	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-3	PS-1
Public Services																		
Provision or need of new or physically altered governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for public services	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Recreation																		
Physical deterioration of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Transportation/Traffic																		
Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	NI	LS
Conflict with an applicable congestion management program	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	NI	LS
Change in air traffic patterns that results in substantial safety risks	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Increase hazards due to a design feature or incompatible uses	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Inadequate emergency access	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	NI	LS
Cumulative impacts	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	LS/PR	LS	NI	NI	NI	NI	NI	NI	LS
Utilities/Service Systems																		
Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-10 Summary of Environmental Impacts of Implementing Local Reduction Measures in Loma Linda

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>																	
	<i>Energy-1</i>	<i>Energy-2</i>	<i>Energy-3</i>	<i>Energy-4</i>	<i>Energy-5</i>	<i>Energy-7</i>	<i>Energy-8</i>	<i>Land Use-1</i>	<i>Wastewater-2</i>	<i>Transportation-1</i>	<i>Transportation-2</i>	<i>Off-Road-1</i>	<i>Off-Road-2</i>	<i>Off-Road-3</i>	<i>Water-1</i>	<i>Water-2</i>	<i>Water-3</i>	<i>PS-1</i>
Construction or expansion of new or existing water or wastewater treatment facilities	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	LS	LS	LS	NI
Construction or expansion of new or existing stormwater drainage facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Insufficient water supplies from existing entitlements and resources, or need new or expanded entitlements	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	LS	NI
Inadequate wastewater treatment capacity	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI
Insufficient permitted solid waste disposal capacity	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Noncompliance with federal, state, or local statutes and regulations related to solid waste	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	LS	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	LS	LS	LS	NI

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Table 2-11 Summary of Environmental Impacts of Implementing Local Reduction Measures in Montclair

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>									
	<i>Energy-2</i>	<i>Energy-3</i>	<i>Energy-4</i>	<i>Transportation-1</i>	<i>Transportation-2</i>	<i>Off-Road-2</i>	<i>Water-3</i>	<i>Water-4</i>	<i>Waste-2</i>	<i>PS-1</i>
Aesthetics										
Scenic vistas	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI
Scenic highways	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Visual character or quality	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI
Light and glare	LS	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI
Agriculture/Forestry Resources										
Convert farmland to nonagricultural use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing agricultural zoning or Williamson Act	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing forest land or timberland zoning	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss or conversion of forest land to nonforest land	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Other changes causing conversion of farmland to nonfarmland use or forest land to nonforest land use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Air Quality										
Conflict or obstruct air quality management plan	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Violation of air quality standard	NI	NI	NI	LS	NI	LS	NI	NI	NI	LS
Exposure of sensitive receptors	NI	NI	NI	LS	NI	LS	NI	NI	NI	NI
Creation of objectionable odors	NI	NI	NI	LS	NI	LS	NI	NI	NI	NI
Cumulatively considerable net increase of any nonattainment criteria pollutant	LS	LS	LS	LS	NI	LS	LS	LS	NI	LS

Table 2-11 Summary of Environmental Impacts of Implementing Local Reduction Measures in Montclair

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>									
	<i>Energy-2</i>	<i>Energy-3</i>	<i>Energy-4</i>	<i>Transportation-1</i>	<i>Transportation-2</i>	<i>Off-Road-2</i>	<i>Water-3</i>	<i>Water-4</i>	<i>Waste-2</i>	<i>PS-1</i>
Biological Resources										
Special-status species	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Riparian habitat or other sensitive natural community	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Protected wetlands	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Wildlife movement	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Conflict with any local policies or ordinances protecting biological resources	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with habitat conservation plan	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Cultural Resources										
Substantial adverse change in significance of a historical resource	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Substantial adverse change in significance of a archaeological resource	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Destruction of a unique paleontological resource or site or unique geologic feature	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Disturb any human remains	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Geology/Soils										
Fault rupture, strong seismic groundshaking, seismic-related ground failure, including liquefaction, landslides	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI
Substantial soil erosion or loss of topsoil	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Located on a geologic unit or soil that is unstable, resulting in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Located on expansive soil	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-11 Summary of Environmental Impacts of Implementing Local Reduction Measures in Montclair

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>									
	<i>Energy-2</i>	<i>Energy-3</i>	<i>Energy-4</i>	<i>Transportation-1</i>	<i>Transportation-2</i>	<i>Off-Road-2</i>	<i>Water-3</i>	<i>Water-4</i>	<i>Waste-2</i>	<i>PS-1</i>
Cumulative impacts	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Greenhouse Gas Emissions/Global Climate Change										
Generate greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with an applicable plan, policy, or regulation to reduce greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Hazards/Hazardous Materials										
Create significant hazard through the routine transport, use, or disposal of hazardous materials	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Create significant hazard through release of hazardous materials	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Emit hazardous emissions or handle acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located on a site that is included on a list of hazardous materials sites, creating significant hazard	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Located within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Impair or interfere with an adopted emergency response plan or emergency evacuation plan	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving wildland fires	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Hydrology/Water Quality										
Violate any water quality standards or waste discharge requirements	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Deplete groundwater supplies or interfere with groundwater recharge	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in substantial erosion or siltation	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in on- or off-site flooding	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Exceed the capacity of existing or planned stormwater drainage systems or provide additional sources of polluted runoff	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI

Table 2-11 Summary of Environmental Impacts of Implementing Local Reduction Measures in Montclair

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>									
	<i>Energy-2</i>	<i>Energy-3</i>	<i>Energy-4</i>	<i>Transportation-1</i>	<i>Transportation-2</i>	<i>Off-Road-2</i>	<i>Water-3</i>	<i>Water-4</i>	<i>Waste-2</i>	<i>PS-1</i>
Otherwise degrade water quality	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI
Place housing within a 100-year flood hazard area	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Place within a 100-year flood hazard area structures that would impede or redirect flood flows	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI
Inundation by seiche, tsunami, or mudflow	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Land Use/Planning										
Physically divide an established community	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with any applicable land use plan, policy, or regulation	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with any applicable habitat conservation plan or natural community conservation plan	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Mineral Resources										
Loss of availability of a known mineral resource	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss of availability of a locally important mineral resource recovery site	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Noise										
Noise levels in excess of standards established in the local general plan or noise ordinance	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Excessive groundborne vibration or groundborne noise levels	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Permanent increase in ambient noise levels	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Temporary or periodic increase in ambient noise levels	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI

Table 2-11 Summary of Environmental Impacts of Implementing Local Reduction Measures in Montclair

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>									
	<i>Energy-2</i>	<i>Energy-3</i>	<i>Energy-4</i>	<i>Transportation-1</i>	<i>Transportation-2</i>	<i>Off-Road-2</i>	<i>Water-3</i>	<i>Water-4</i>	<i>Waste-2</i>	<i>PS-1</i>
Excessive noise levels within 2 miles of a public airport or public use airport	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Excessive noise levels within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Population/Housing										
Induce substantial population growth	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of existing housing	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of people	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Public Services										
Provision or need of new or physically altered governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for public services	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Recreation										
Physical deterioration of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of recreational facilities	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Transportation/Traffic										
Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system	NI	NI	NI	LS	LS	NI	NI	NI	NI	LS
Conflict with an applicable congestion management program	NI	NI	NI	LS	LS	NI	NI	NI	NI	LS
Change in air traffic patterns that results in substantial safety risks	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-11 Summary of Environmental Impacts of Implementing Local Reduction Measures in Montclair

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>									
	<i>Energy-2</i>	<i>Energy-3</i>	<i>Energy-4</i>	<i>Transportation-1</i>	<i>Transportation-2</i>	<i>Off-Road-2</i>	<i>Water-3</i>	<i>Water-4</i>	<i>Waste-2</i>	<i>PS-1</i>
Increase hazards due to a design feature or incompatible uses	NI	NI	NI	LS/PR	LS	NI	NI	NI	NI	NI
Inadequate emergency access	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities	NI	NI	NI	LS	LS	NI	NI	NI	NI	LS
Cumulative impacts	NI	NI	NI	LS/PR	LS	NI	NI	NI	NI	LS
Utilities/Service Systems										
Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of new or existing water or wastewater treatment facilities	NI	NI	NI	LS/PR	NI	NI	LS	LS	NI	NI
Construction or expansion of new or existing stormwater drainage facilities	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Insufficient water supplies from existing entitlements and resources, or need new or expanded entitlements	NI	NI	NI	LS/PR	NI	NI	LS	LS	NI	NI
Inadequate wastewater treatment capacity	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Insufficient permitted solid waste disposal capacity	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI
Noncompliance with federal, state, or local statutes and regulations related to solid waste	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI
Cumulative impacts	NI	NI	NI	LS/PR	NI	NI	LS	LS	LS	NI

Table 2-12 Summary of Environmental Impacts of Implementing Local Reduction Measures in Needles

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure															
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Energy-9	Land Use-2	Wastewater-1	Wastewater-2	Wastewater-3	Off-Road-1	Off-Road-2	Waste-2	PS-1
Aesthetics																
Scenic vistas	LS	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Scenic highways	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Visual character or quality	LS	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	LS	NI	NI	NI	NI	NI	NI	NI
Light and glare	LS	LS	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Agriculture/Forestry Resources																
Convert farmland to nonagricultural use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing agricultural zoning or Williamson Act	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing forest land or timberland zoning	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss or conversion of forest land to nonforest land	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Other changes causing conversion of farmland to nonfarmland use or forest land to nonforest land use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Air Quality																
Conflict or obstruct air quality management plan	LS	LS	LS	LS	LS	LS	LS	LS	NI	LS	LS	LS	LS	LS	LS	NI
Violation of air quality standard	LS	NI	NI	NI	LS	LS	LS	LS	NI	LS	LS	NI	LS	LS	NI	NI
Exposure of sensitive receptors	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI
Creation of objectionable odors	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI
Cumulatively considerable net increase of any nonattainment criteria pollutant	LS	LS	LS	LS	LS	LS	LS	LS	NI	LS	NI	NI	LS	LS	LS	NI

Table 2-12 Summary of Environmental Impacts of Implementing Local Reduction Measures in Needles

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure															
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Energy-9	Land Use-2	Wastewater-1	Wastewater-2	Wastewater-3	Off-Road-1	Off-Road-2	Waste-2	PS-1
Biological Resources																
Special-status species	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Riparian habitat or other sensitive natural community	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Protected wetlands	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Wildlife movement	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with any local policies or ordinances protecting biological resources	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with habitat conservation plan	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cultural Resources																
Substantial adverse change in significance of a historical resource	LS/MM	NI	NI	NI	LS/MM	LS/MM	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI	NI
Substantial adverse change in significance of a archaeological resource	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Destruction of a unique paleontological resource or site or unique geologic feature	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Disturb any human remains	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/MM	NI	NI	NI	LS/MM	LS/MM	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI	NI
Geology/Soils																
Fault rupture, strong seismic groundshaking, seismic-related ground failure, including liquefaction, landslides	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS	NI	NI	NI	NI	NI
Substantial soil erosion or loss of topsoil	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located on a geologic unit or soil that is unstable, resulting in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located on expansive soil	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-12 Summary of Environmental Impacts of Implementing Local Reduction Measures in Needles

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure															
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Energy-9	Land Use-2	Wastewater-1	Wastewater-2	Wastewater-3	Off-Road-1	Off-Road-2	Waste-2	PS-1
Soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS	NI	NI	NI	NI	NI
Greenhouse Gas Emissions/Global Climate Change																
Generate greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with an applicable plan, policy, or regulation to reduce greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Hazards/Hazardous Materials																
Create significant hazard through the routine transport, use, or disposal of hazardous materials	LS/PR	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Create significant hazard through release of hazardous materials	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Emit hazardous emissions or handle acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located on a site that is included on a list of hazardous materials sites, creating significant hazard	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located within 2 miles of a public airport or public use airport	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Impair or interfere with an adopted emergency response plan or emergency evacuation plan	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving wildland fires	NI	NI	NI	NI	LS/PR	LS/PR	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/PR	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Hydrology/Water Quality																
Violate any water quality standards or waste discharge requirements	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI
Deplete groundwater supplies or interfere with groundwater recharge	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI

Table 2-12 Summary of Environmental Impacts of Implementing Local Reduction Measures in Needles

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure															
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Energy-9	Land Use-2	Wastewater-1	Wastewater-2	Wastewater-3	Off-Road-1	Off-Road-2	Waste-2	PS-1
Alter the existing drainage pattern of the site or area, resulting in substantial erosion or siltation	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in on- or off-site flooding	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Exceed the capacity of existing or planned stormwater drainage systems or provide additional sources of polluted runoff	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Otherwise degrade water quality	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Place housing within a 100-year flood hazard area	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Place within a 100-year flood hazard area structures that would impede or redirect flood flows	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Inundation by seiche, tsunami, or mudflow	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS	NI	NI	NI	NI
Land Use/Planning																
Physically divide an established community	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with any applicable land use plan, policy, or regulation	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with any applicable habitat conservation plan or natural community conservation plan	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS	LS	LS	LS	LS	NI	LS	LS	LS	LS	LS	LS	LS	LS	LS
Mineral Resources																
Loss of availability of a known mineral resource	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss of availability of a locally important mineral resource recovery site	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-12 Summary of Environmental Impacts of Implementing Local Reduction Measures in Needles

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure															
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Energy-9	Land Use-2	Wastewater-1	Wastewater-2	Wastewater-3	Off-Road-1	Off-Road-2	Waste-2	PS-1
Noise																
Noise levels in excess of standards established in the local general plan or noise ordinance	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive groundborne vibration or groundborne noise levels	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Permanent increase in ambient noise levels	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Temporary or periodic increase in ambient noise levels	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Population/Housing																
Induce substantial population growth	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of existing housing	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of people	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Public Services																
Provision or need of new or physically altered governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for public services	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Recreation																
Physical deterioration of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-12 Summary of Environmental Impacts of Implementing Local Reduction Measures in Needles

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure															
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Energy-9	Land Use-2	Wastewater-1	Wastewater-2	Wastewater-3	Off-Road-1	Off-Road-2	Waste-2	PS-1
Transportation/Traffic																
Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with an applicable congestion management program	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Change in air traffic patterns that results in substantial safety risks	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Increase hazards due to a design feature or incompatible uses	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Inadequate emergency access	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Utilities/Service Systems																
Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI
Construction or expansion of new or existing water or wastewater treatment facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI
Construction or expansion of new or existing stormwater drainage facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Insufficient water supplies from existing entitlements and resources, or need new or expanded entitlements	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Inadequate wastewater treatment capacity	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI
Insufficient permitted solid waste disposal capacity	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Noncompliance with federal, state, or local statutes and regulations related to solid waste	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI

Table 2-13 Summary of Environmental Impacts of Implementing Local Reduction Measures in Ontario

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																				
	Energy-1	Energy-2	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Land Use-1	Wastewater-2	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-2	Water-3	Water-4	Waste-2	Agriculture-1	Agriculture-2	PS-1
Aesthetics																					
Scenic vistas	LS	NI	LS/PR	LS/MM	LS/PR	LS/MM	LS/MM	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Scenic highways	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Visual character or quality	LS	NI	LS/PR	LS/MM	LS/PR	LS/MM	LS/MM	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Light and glare	LS	LS	LS/PR	LS/MM	LS/PR	LS/MM	LS/MM	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS	LS/PR	LS/MM	LS/PR	LS/MM	LS/MM	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Agriculture/Forestry Resources																					
Convert farmland to nonagricultural use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing agricultural zoning or Williamson Act	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing forest land or timberland zoning	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss or conversion of forest land to nonforest land	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Other changes causing conversion of farmland to nonfarmland use or forest land to nonforest land use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Air Quality																					
Conflict or obstruct air quality management plan	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	NI	LS	LS	LS	NI
Violation of air quality standard	LS	NI	NI	LS	LS	LS	NI	LS	LS	LS	NI	LS	LS	LS	NI	NI	NI	NI	LS	LS	NI
Exposure of sensitive receptors	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI
Creation of objectionable odors	NI	NI	NI	NI	NI	NI	NI	LS	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI

Table 2-13 Summary of Environmental Impacts of Implementing Local Reduction Measures in Ontario

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																					
	Energy-1	Energy-2	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Land Use-1	Wastewater-2	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-2	Water-3	Water-4	Waste-2	Agriculture-1	Agriculture-2	PS-1	
Cumulatively considerable net increase of any nonattainment criteria pollutant	LS	NI	LS	LS	LS	LS	LS	LS	NI	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	NI
Biological Resources																						
Special-status species	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Riparian habitat or other sensitive natural community	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Protected wetlands	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Wildlife movement	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with any local policies or ordinances protecting biological resources	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with habitat conservation plan	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cultural Resources																						
Substantial adverse change in significance of a historical resource	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Substantial adverse change in significance of a archaeological resource	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Destruction of a unique paleontological resource or site or unique geologic feature	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Disturb any human remains	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-13 Summary of Environmental Impacts of Implementing Local Reduction Measures in Ontario

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																				
	Energy-1	Energy-2	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Land Use-1	Wastewater-2	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-2	Water-3	Water-4	Waste-2	Agriculture-1	Agriculture-2	PS-1
Geology/Soils																					
Fault rupture, strong seismic groundshaking, seismic-related ground failure, including liquefaction, landslides	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	LS	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Substantial soil erosion or loss of topsoil	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located on a geologic unit or soil that is unstable, resulting in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located on expansive soil	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	LS	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Greenhouse Gas Emissions/Global Climate Change																					
Generate greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with an applicable plan, policy, or regulation to reduce greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Hazards/Hazardous Materials																					
Create significant hazard through the routine transport, use, or disposal of hazardous materials	LS/PR	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	LS/PR	NI
Create significant hazard through release of hazardous materials	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Emit hazardous emissions or handle acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-13 Summary of Environmental Impacts of Implementing Local Reduction Measures in Ontario

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																				
	Energy-1	Energy-2	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Land Use-1	Wastewater-2	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-2	Water-3	Water-4	Waste-2	Agriculture-1	Agriculture-2	PS-1
Located on a site that is included on a list of hazardous materials sites, creating significant hazard	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located within 2 miles of a public airport or public use airport	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Impair or interfere with an adopted emergency response plan or emergency evacuation plan	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving wildland fires	NI	NI	NI	LS/PR	LS	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/PR	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Hydrology/Water Quality																					
Violate any water quality standards or waste discharge requirements	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	LS/PR	NI
Deplete groundwater supplies or interfere with groundwater recharge	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in substantial erosion or siltation	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in on- or off-site flooding	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Exceed the capacity of existing or planned stormwater drainage systems or provide additional sources of polluted runoff	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Otherwise degrade water quality	NI	NI	NI	LS	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Place housing within a 100-year flood hazard area	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-13 Summary of Environmental Impacts of Implementing Local Reduction Measures in Ontario

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																				
	Energy-1	Energy-2	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Land Use-1	Wastewater-2	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-2	Water-3	Water-4	Waste-2	Agriculture-1	Agriculture-2	PS-1
Place within a 100-year flood hazard area structures that would impede or redirect flood flows	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Inundation by seiche, tsunami, or mudflow	NI	NI	NI	LS	LS/PR	LS	LS	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Land Use/Planning																					
Physically divide an established community	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with any applicable land use plan, policy, or regulation	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with any applicable habitat conservation plan or natural community conservation plan	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	NI	LS	LS/PR	LS	LS/PR	LS	LS	LS	LS/PR	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Mineral Resources																					
Loss of availability of a known mineral resource	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss of availability of a locally important mineral resource recovery site	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Noise																					
Noise levels in excess of standards established in the local general plan or noise ordinance	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-13 Summary of Environmental Impacts of Implementing Local Reduction Measures in Ontario

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																				
	Energy-1	Energy-2	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Land Use-1	Wastewater-2	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-2	Water-3	Water-4	Waste-2	Agriculture-1	Agriculture-2	PS-1
Excessive groundborne vibration or groundborne noise levels	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Permanent increase in ambient noise levels	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Temporary or periodic increase in ambient noise levels	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Population/Housing																					
Induce substantial population growth	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of existing housing	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of people	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Public Services																					
Provision or need of new or physically altered governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for public services	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Recreation																					
Physical deterioration of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-13 Summary of Environmental Impacts of Implementing Local Reduction Measures in Ontario

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																				
	Energy-1	Energy-2	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Land Use-1	Wastewater-2	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-2	Water-3	Water-4	Waste-2	Agriculture-1	Agriculture-2	PS-1
Construction or expansion of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Transportation/Traffic																					
Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with an applicable congestion management program	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Change in air traffic patterns that results in substantial safety risks	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Increase hazards due to a design feature or incompatible uses	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Inadequate emergency access	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Utilities/Service Systems																					
Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of new or existing water or wastewater treatment facilities	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	LS	NI
Construction or expansion of new or existing stormwater drainage facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-13 Summary of Environmental Impacts of Implementing Local Reduction Measures in Ontario

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																				
	Energy-1	Energy-2	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Land Use-1	Wastewater-2	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-2	Water-3	Water-4	Waste-2	Agriculture-1	Agriculture-2	PS-1
Insufficient water supplies from existing entitlements and resources, or need new or expanded entitlements	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI
Inadequate wastewater treatment capacity	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI
Insufficient permitted solid waste disposal capacity	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI
Noncompliance with federal, state, or local statutes and regulations related to solid waste	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	LS	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	LS	LS	LS	LS	NI	NI	NI

Table 2-14 Summary of Environmental Impacts of Implementing Local Reduction Measures in Rancho Cucamonga

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																
	Energy-1	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Wastewater-2	Transportation-1	Transportation-2	Water-1	Water-3	Water-4	Waste-2	PS-1
Aesthetics																	
Scenic vistas	LS	NI	LS/MM	LS/MM	LS/MM	LS/MM	LS/MM	LS/MM	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI
Scenic highways	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Visual character or quality	LS	NI	LS/MM	LS/MM	LS/MM	LS/MM	LS/MM	LS/MM	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI
Light and glare	LS	NI	LS/MM	LS/MM	LS/MM	LS/MM	LS/MM	LS/MM	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI
Cumulative impacts	LS	NI	LS/MM	LS/MM	LS/MM	LS/MM	LS/MM	LS/MM	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI
Agriculture/Forestry Resources																	
Convert farmland to nonagricultural use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing agricultural zoning or Williamson Act	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing forest land or timberland zoning	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss or conversion of forest land to nonforest land	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Other changes causing conversion of farmland to nonfarmland use or forest land to nonforest land use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Air Quality																	
Conflict or obstruct air quality management plan	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	NI	LS
Violation of air quality standard	LS	NI	NI	LS	LS	LS	LS	LS	NI	LS	LS	NI	NI	NI	NI	NI	NI
Exposure of sensitive receptors	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI
Creation of objectionable odors	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI
Cumulatively considerable net increase of any nonattainment criteria pollutant	LS	LS	LS	LS	LS	LS	LS	LS	LS	NI	LS	LS	LS	LS	LS	LS	NI

Table 2-14 Summary of Environmental Impacts of Implementing Local Reduction Measures in Rancho Cucamonga

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																
	Energy-1	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Wastewater-2	Transportation-1	Transportation-2	Water-1	Water-3	Water-4	Waste-2	PS-1
Biological Resources																	
Special-status species	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Riparian habitat or other sensitive natural community	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Protected wetlands	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Wildlife movement	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Conflict with any local policies or ordinances protecting biological resources	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Conflict with habitat conservation plan	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Cultural Resources																	
Substantial adverse change in significance of a historical resource	LS/MM	NI	NI	LS/MM	LS/MM	LS/MM	LS/MM	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI
Substantial adverse change in significance of a archaeological resource	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Destruction of a unique paleontological resource or site or unique geologic feature	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Disturb any human remains	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/MM	NI	NI	LS/MM	LS/MM	LS/MM	LS/MM	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI
Geology/Soils																	
Fault rupture, strong seismic groundshaking, seismic-related ground failure, including liquefaction, landslides	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	LS	LS/PR	NI	NI	NI	NI	NI	NI
Substantial soil erosion or loss of topsoil	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Located on a geologic unit or soil that is unstable, resulting in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI

Table 2-14 Summary of Environmental Impacts of Implementing Local Reduction Measures in Rancho Cucamonga

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																
	Energy-1	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Wastewater-2	Transportation-1	Transportation-2	Water-1	Water-3	Water-4	Waste-2	PS-1
Located on expansive soil	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	LS	LS/PR	NI	NI	NI	NI	NI	NI
Greenhouse Gas Emissions/Global Climate Change																	
Generate greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with an applicable plan, policy, or regulation to reduce greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Hazards/Hazardous Materials																	
Create significant hazard through the routine transport, use, or disposal of hazardous materials	LS/PR	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Create significant hazard through release of hazardous materials	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Emit hazardous emissions or handle acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located on a site that is included on a list of hazardous materials sites, creating significant hazard	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI
Located within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Located within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Impair or interfere with an adopted emergency response plan or emergency evacuation plan	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving wildland fires	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/PR	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI

Table 2-14 Summary of Environmental Impacts of Implementing Local Reduction Measures in Rancho Cucamonga

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																
	Energy-1	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Wastewater-2	Transportation-1	Transportation-2	Water-1	Water-3	Water-4	Waste-2	PS-1
Hydrology/Water Quality																	
Violate any water quality standards or waste discharge requirements	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Deplete groundwater supplies or interfere with groundwater recharge	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in substantial erosion or siltation	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in on- or off-site flooding	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Exceed the capacity of existing or planned stormwater drainage systems or provide additional sources of polluted runoff	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Otherwise degrade water quality	NI	NI	NI	LS	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Place housing within a 100-year flood hazard area	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Place within a 100-year flood hazard area structures that would impede or redirect flood flows	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Inundation by seiche, tsunami, or mudflow	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Land Use/Planning																	
Physically divide an established community	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with any applicable land use plan, policy, or regulation	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with any applicable habitat conservation plan or natural community conservation plan	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-14 Summary of Environmental Impacts of Implementing Local Reduction Measures in Rancho Cucamonga

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																
	Energy-1	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Wastewater-2	Transportation-1	Transportation-2	Water-1	Water-3	Water-4	Waste-2	PS-1
Cumulative impacts	LS	LS	LS	LS	LS	LS	NI	LS	LS	LS	NI	LS	LS	LS	LS	LS	LS
Mineral Resources																	
Loss of availability of a known mineral resource	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Loss of availability of a locally important mineral resource recovery site	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Noise																	
Noise levels in excess of standards established in the local general plan or noise ordinance	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Excessive groundborne vibration or groundborne noise levels	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Permanent increase in ambient noise levels	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Temporary or periodic increase in ambient noise levels	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Excessive noise levels within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Excessive noise levels within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Population/Housing																	
Induce substantial population growth	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of existing housing	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of people	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-14 Summary of Environmental Impacts of Implementing Local Reduction Measures in Rancho Cucamonga

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																
	Energy-1	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Wastewater-2	Transportation-1	Transportation-2	Water-1	Water-3	Water-4	Waste-2	PS-1
Public Services																	
Provision or need of new or physically altered governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for public services	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Recreation																	
Physical deterioration of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Transportation/Traffic																	
Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI
Conflict with an applicable congestion management program	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI
Change in air traffic patterns that results in substantial safety risks	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Increase hazards due to a design feature or incompatible uses	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Inadequate emergency access	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI
Utilities/Service Systems																	
Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI

Table 2-14 Summary of Environmental Impacts of Implementing Local Reduction Measures in Rancho Cucamonga

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>																
	<i>Energy-1</i>	<i>Energy-3</i>	<i>Energy-4</i>	<i>Energy-5</i>	<i>Energy-6</i>	<i>Energy-7</i>	<i>Energy-8</i>	<i>Energy-9</i>	<i>Land Use-1</i>	<i>Wastewater-2</i>	<i>Transportation-1</i>	<i>Transportation-2</i>	<i>Water-1</i>	<i>Water-3</i>	<i>Water-4</i>	<i>Waste-2</i>	<i>PS-1</i>
Construction or expansion of new or existing water or wastewater treatment facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	LS	LS	NI	NI	NI
Construction or expansion of new or existing stormwater drainage facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Insufficient water supplies from existing entitlements and resources, or need new or expanded entitlements	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI
Inadequate wastewater treatment capacity	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	LS	NI	NI
Insufficient permitted solid waste disposal capacity	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Noncompliance with federal, state, or local statutes and regulations related to solid waste	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	LS	LS	LS	NI	NI

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Table 2-15 Summary of Environmental Impacts of Implementing Local Reduction Measures in Redlands

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																			
	Energy-1	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Wastewater-1	Wastewater-2	Wastewater-3	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Water-1	Water-3	Water-4	PS-1
Aesthetics																				
Scenic vistas	LS	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Scenic highways	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Visual character or quality	LS	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Light and glare	LS	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Agriculture/Forestry Resources																				
Convert farmland to nonagricultural use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing agricultural zoning or Williamson Act	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing forest land or timberland zoning	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss or conversion of forest land to nonforest land	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Other changes causing conversion of farmland to nonfarmland use or forest land to nonforest land use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Air Quality																				
Conflict or obstruct air quality management plan	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	NI	LS
Violation of air quality standard	LS	NI	NI	LS	LS	LS	LS	LS	LS	LS	LS	NI	LS	NI	LS	LS	NI	NI	LS	LS
Exposure of sensitive receptors	NI	NI	NI	LS	NI	NI	NI	NI	NI	LS	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI
Creation of objectionable odors	NI	NI	NI	LS	NI	NI	NI	NI	LS	LS	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI

Table 2-15 Summary of Environmental Impacts of Implementing Local Reduction Measures in Redlands

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																			
	Energy-1	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Wastewater-1	Wastewater-2	Wastewater-3	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Water-1	Water-3	Water-4	PS-1
Cumulatively considerable net increase of any nonattainment criteria pollutant	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	NI	NI	LS	LS	LS	LS	LS	LS	LS	LS
Biological Resources																				
Special-status species	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Riparian habitat or other sensitive natural community	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Protected wetlands	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Wildlife movement	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Conflict with any local policies or ordinances protecting biological resources	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Conflict with habitat conservation plan	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Cultural Resources																				
Substantial adverse change in significance of a historical resource	LS/MM	NI	NI	LS/PR	LS/MM	LS/MM	LS/MM	NI	NI	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI
Substantial adverse change in significance of a archaeological resource	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Destruction of a unique paleontological resource or site or unique geologic feature	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Disturb any human remains	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/MM	NI	NI	LS/PR	LS/PR	LS/MM	LS/MM	NI	NI	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI

Table 2-15 Summary of Environmental Impacts of Implementing Local Reduction Measures in Redlands

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																			
	Energy-1	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Wastewater-1	Wastewater-2	Wastewater-3	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Water-1	Water-3	Water-4	PS-1
Geology/Soils																				
Fault rupture, strong seismic groundshaking, seismic-related ground failure, including liquefaction, landslides	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Substantial soil erosion or loss of topsoil	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Located on a geologic unit or soil that is unstable, resulting in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Located on expansive soil	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Greenhouse Gas Emissions/Global Climate Change																				
Generate greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with an applicable plan, policy, or regulation to reduce greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Hazards/Hazardous Materials																				
Create significant hazard through the routine transport, use, or disposal of hazardous materials	LS/PR	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Create significant hazard through release of hazardous materials	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Emit hazardous emissions or handle acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-15 Summary of Environmental Impacts of Implementing Local Reduction Measures in Redlands

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																			
	Energy-1	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Wastewater-1	Wastewater-2	Wastewater-3	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Water-1	Water-3	Water-4	PS-1
Located on a site that is included on a list of hazardous materials sites, creating significant hazard	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI
Located within 2 miles of a public airport or public use airport	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Located within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Impair or interfere with an adopted emergency response plan or emergency evacuation plan	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving wildland fires	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/PR	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	LS/PR	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Hydrology/Water Quality																				
Violate any water quality standards or waste discharge requirements	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS	LS/PR	NI	NI	NI	NI	NI	LS	NI
Deplete groundwater supplies or interfere with groundwater recharge	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in substantial erosion or siltation	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in on- or off-site flooding	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Exceed the capacity of existing or planned stormwater drainage systems or provide additional sources of polluted runoff	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Otherwise degrade water quality	NI	NI	NI	LS	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Place housing within a 100-year flood hazard area	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Place within a 100-year flood hazard area structures that would impede or redirect flood flows	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI

Table 2-15 Summary of Environmental Impacts of Implementing Local Reduction Measures in Redlands

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																			
	Energy-1	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Wastewater-1	Wastewater-2	Wastewater-3	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Water-1	Water-3	Water-4	PS-1
Risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Inundation by seiche, tsunami, or mudflow	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS	LS/PR	NI	NI	NI	NI	NI	LS	NI
Land Use/Planning																				
Physically divide an established community	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with any applicable land use plan, policy, or regulation	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with any applicable habitat conservation plan or natural community conservation plan	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS	LS	LS	LS	LS/PR	NI	LS	LS	LS	LS	LS	LS/PR	LS	LS	LS	LS	LS	LS	LS
Mineral Resources																				
Loss of availability of a known mineral resource	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Loss of availability of a locally important mineral resource recovery site	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Noise																				
Noise levels in excess of standards established in the local general plan or noise ordinance	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Excessive groundborne vibration or groundborne noise levels	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Permanent increase in ambient noise levels	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Temporary or periodic increase in ambient noise levels	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI

Table 2-15 Summary of Environmental Impacts of Implementing Local Reduction Measures in Redlands

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																			
	Energy-1	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Wastewater-1	Wastewater-2	Wastewater-3	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Water-1	Water-3	Water-4	PS-1
Excessive noise levels within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Population/Housing																				
Induce substantial population growth	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of existing housing	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of people	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Public Services																				
Provision or need of new or physically altered governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for public services	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Recreation																				
Physical deterioration of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Transportation/Traffic																				
Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	LS

Table 2-15 Summary of Environmental Impacts of Implementing Local Reduction Measures in Redlands

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																				
	Energy-1	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Wastewater-1	Wastewater-2	Wastewater-3	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Water-1	Water-3	Water-4	PS-1	
Conflict with an applicable congestion management program	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	NI	LS
Change in air traffic patterns that results in substantial safety risks	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Increase hazards due to a design feature or incompatible uses	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Inadequate emergency access	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	NI	LS
Cumulative impacts	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	LS	NI	NI	NI	NI	NI	NI	LS
Utilities/Service Systems																					
Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	NI	NI	NI	
Construction or expansion of new or existing water or wastewater treatment facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	LS	LS	NI	NI	
Construction or expansion of new or existing stormwater drainage facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	
Insufficient water supplies from existing entitlements and resources, or need new or expanded entitlements	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	LS	NI	
Inadequate wastewater treatment capacity	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	NI	LS	NI	
Insufficient permitted solid waste disposal capacity	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	
Noncompliance with federal, state, or local statutes and regulations related to solid waste	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	LS	LS	LS	NI	

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Table 2-16 Summary of Environmental Impacts of Implementing Local Reduction Measures in Rialto

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																		
	Energy-1	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Wastewater-1	Wastewater-3	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Water-1	Water-3	Water-4	PS-1
Aesthetics																			
Scenic vistas	LS	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Scenic highways	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Visual character or quality	LS	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Light and glare	LS	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Agriculture/Forestry Resources																			
Convert farmland to nonagricultural use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing agricultural zoning or Williamson Act	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing forest land or timberland zoning	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss or conversion of forest land to nonforest land	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Other changes causing conversion of farmland to nonfarmland use or forest land to nonforest land use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Air Quality																			
Conflict or obstruct air quality management plan	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Violation of air quality standard	LS	NI	LS	LS	NI	LS	NI	LS	LS	NI	NI	NI	LS						
Exposure of sensitive receptors	NI	NI	NI	LS	NI	NI	NI	NI	NI	LS	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI
Creation of objectionable odors	NI	NI	NI	LS	NI	NI	NI	NI	LS	LS	NI	LS	NI	NI	NI	NI	NI	NI	NI

Table 2-16 Summary of Environmental Impacts of Implementing Local Reduction Measures in Rialto

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																			
	Energy-1	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Wastewater-1	Wastewater-3	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Water-1	Water-3	Water-4	PS-1	
Cumulatively considerable net increase of any nonattainment criteria pollutant	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	NI	LS	LS	LS	LS	LS	LS	LS	LS	LS
Biological Resources																				
Special-status species	NI	NI	NI	LS/MM	NI	LS/MM	NI	NI	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI
Riparian habitat or other sensitive natural community	NI	NI	NI	LS/MM	NI	LS/MM	NI	NI	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI
Protected wetlands	NI	NI	NI	LS/MM	NI	LS/MM	NI	NI	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI
Wildlife movement	NI	NI	NI	LS/MM	NI	LS/MM	NI	NI	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with any local policies or ordinances protecting biological resources	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with habitat conservation plan	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/MM	NI	LS/MM	NI	NI	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI
Cultural Resources																				
Substantial adverse change in significance of a historical resource	LS/MM	NI	NI	LS/MM	LS/MM	LS/MM	LS/MM	NI	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI
Substantial adverse change in significance of a archaeological resource	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Destruction of a unique paleontological resource or site or unique geologic feature	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Disturb any human remains	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/MM	NI	NI	LS/MM	LS/MM	LS/MM	LS/MM	LS/MM	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI
Geology/Soils																				
Fault rupture, strong seismic groundshaking, seismic-related ground failure, including liquefaction, landslides	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI

Table 2-16 Summary of Environmental Impacts of Implementing Local Reduction Measures in Rialto

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																		
	Energy-1	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Wastewater-1	Wastewater-3	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Water-1	Water-3	Water-4	PS-1
Substantial soil erosion or loss of topsoil	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Located on a geologic unit or soil that is unstable, resulting in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Located on expansive soil	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Greenhouse Gas Emissions/Global Climate Change																			
Generate greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with an applicable plan, policy, or regulation to reduce greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Hazards/Hazardous Materials																			
Create significant hazard through the routine transport, use, or disposal of hazardous materials	LS/PR	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Create significant hazard through release of hazardous materials	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Emit hazardous emissions or handle acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located on a site that is included on a list of hazardous materials sites, creating significant hazard	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI
Located within 2 miles of a public airport or public use airport	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-16 Summary of Environmental Impacts of Implementing Local Reduction Measures in Rialto

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																			
	Energy-1	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Wastewater-1	Wastewater-3	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Water-1	Water-3	Water-4	PS-1	
Impair or interfere with an adopted emergency response plan or emergency evacuation plan	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving wildland fires	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/PR	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Hydrology/Water Quality																				
Violate any water quality standards or waste discharge requirements	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Deplete groundwater supplies or interfere with groundwater recharge	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in substantial erosion or siltation	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in on- or off-site flooding	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Exceed the capacity of existing or planned stormwater drainage systems or provide additional sources of polluted runoff	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Otherwise degrade water quality	NI	NI	NI	LS	NI	LS	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI
Place housing within a 100-year flood hazard area	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Place within a 100-year flood hazard area structures that would impede or redirect flood flows	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Inundation by seiche, tsunami, or mudflow	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-16 Summary of Environmental Impacts of Implementing Local Reduction Measures in Rialto

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																		
	Energy-1	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Wastewater-1	Wastewater-3	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Water-1	Water-3	Water-4	PS-1
Land Use/Planning																			
Physically divide an established community	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with any applicable land use plan, policy, or regulation	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with any applicable habitat conservation plan or natural community conservation plan	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS	LS	LS	LS	LS/PR	NI	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Mineral Resources																			
Loss of availability of a known mineral resource	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Loss of availability of a locally important mineral resource recovery site	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Noise																			
Noise levels in excess of standards established in the local general plan or noise ordinance	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Excessive groundborne vibration or groundborne noise levels	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Permanent increase in ambient noise levels	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Temporary or periodic increase in ambient noise levels	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS/PR	NI	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI

Table 2-16 Summary of Environmental Impacts of Implementing Local Reduction Measures in Rialto

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																		
	Energy-1	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Wastewater-1	Wastewater-3	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Water-1	Water-3	Water-4	PS-1
Population/Housing																			
Induce substantial population growth	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of existing housing	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of people	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Public Services																			
Provision or need of new or physically altered governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for public services	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Recreation																			
Physical deterioration of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Transportation/Traffic																			
Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	LS
Conflict with an applicable congestion management program	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	LS
Change in air traffic patterns that results in substantial safety risks	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Increase hazards due to a design feature or incompatible uses	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI

Table 2-16 Summary of Environmental Impacts of Implementing Local Reduction Measures in Rialto

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																		
	Energy-1	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Wastewater-1	Wastewater-3	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Water-1	Water-3	Water-4	PS-1
Inadequate emergency access	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI
Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	LS
Cumulative impacts	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS
Utilities/Service Systems																			
Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of new or existing water or wastewater treatment facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	LS	LS	LS	NI
Construction or expansion of new or existing stormwater drainage facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Insufficient water supplies from existing entitlements and resources, or need new or expanded entitlements	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	LS	NI
Inadequate wastewater treatment capacity	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI
Insufficient permitted solid waste disposal capacity	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI
Noncompliance with federal, state, or local statutes and regulations related to solid waste	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	LS	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	LS	LS	LS	NI

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Table 2-17 Summary of Environmental Impacts of Implementing Local Reduction Measures in San Bernardino

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																		
	Energy-1	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Land Use-1	Wastewater-2	Wastewater-3	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-2	Water-3	Water-4	Waste-2	PS-1
Aesthetics																			
Scenic vistas	LS	LS/MM	LS/MM	LS/MM	LS/MM	LS/MM	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI	NI
Scenic highways	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Visual character or quality	LS	LS/MM	LS/MM	LS/MM	LS/MM	LS/MM	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI	NI
Light and glare	LS	LS/MM	LS/MM	LS/MM	LS/MM	LS/MM	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS/MM	LS/MM	LS/MM	LS/MM	LS/MM	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI	NI
Agriculture/Forestry Resources																			
Convert farmland to nonagricultural use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing agricultural zoning or Williamson Act	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing forest land or timberland zoning	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss or conversion of forest land to nonforest land	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Other changes causing conversion of farmland to nonfarmland use or forest land to nonforest land use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Air Quality																			
Conflict or obstruct air quality management plan	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	NI	LS
Violation of air quality standard	LS	NI	LS	LS	LS	NI	LS	LS	NI	LS	NI	LS	LS	LS	NI	NI	LS	NI	LS
Exposure of sensitive receptors	NI	NI	LS	NI	NI	NI	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI	NI
Creation of objectionable odors	NI	NI	LS	NI	NI	NI	LS	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-17 Summary of Environmental Impacts of Implementing Local Reduction Measures in San Bernardino

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																			
	Energy-1	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Land Use-1	Wastewater-2	Wastewater-3	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-2	Water-3	Water-4	Waste-2	PS-1	
Cumulatively considerable net increase of any nonattainment criteria pollutant	LS	LS	LS	LS	LS	LS	LS	NI	NI	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Biological Resources																				
Special-status species	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Riparian habitat or other sensitive natural community	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Protected wetlands	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Wildlife movement	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with any local policies or ordinances protecting biological resources	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with habitat conservation plan	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cultural Resources																				
Substantial adverse change in significance of a historical resource	LS/MM	NI	LS/PR	LS/MM	LS/MM	NI	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Substantial adverse change in significance of a archaeological resource	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Destruction of a unique paleontological resource or site or unique geologic feature	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Disturb any human remains	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/MM	NI	LS/PR	LS/PR	LS/MM	NI	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Geology/Soils																				
Fault rupture, strong seismic groundshaking, seismic-related ground failure, including liquefaction, landslides	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	LS	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-17 Summary of Environmental Impacts of Implementing Local Reduction Measures in San Bernardino

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																			
	Energy-1	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Land Use-1	Wastewater-2	Wastewater-3	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-2	Water-3	Water-4	Waste-2	PS-1	
Substantial soil erosion or loss of topsoil	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located on a geologic unit or soil that is unstable, resulting in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located on expansive soil	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	LS	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Greenhouse Gas Emissions/Global Climate Change																				
Generate greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with an applicable plan, policy, or regulation to reduce greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Hazards/Hazardous Materials																				
Create significant hazard through the routine transport, use, or disposal of hazardous materials	LS/PR	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Create significant hazard through release of hazardous materials	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Emit hazardous emissions or handle acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located on a site that is included on a list of hazardous materials sites, creating significant hazard	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located within 2 miles of a public airport or public use airport	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-17 Summary of Environmental Impacts of Implementing Local Reduction Measures in San Bernardino

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																		
	Energy-1	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Land Use-1	Wastewater-2	Wastewater-3	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-2	Water-3	Water-4	Waste-2	PS-1
Impair or interfere with an adopted emergency response plan or emergency evacuation plan	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving wildland fires	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/PR	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Hydrology/Water Quality																			
Violate any water quality standards or waste discharge requirements	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	LS	LS/PR	NI	NI	NI	NI	NI	NI	LS	NI	NI
Deplete groundwater supplies or interfere with groundwater recharge	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in substantial erosion or siltation	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in on- or off-site flooding	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Exceed the capacity of existing or planned stormwater drainage systems or provide additional sources of polluted runoff	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Otherwise degrade water quality	NI	NI	LS	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Place housing within a 100-year flood hazard area	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Place within a 100-year flood hazard area structures that would impede or redirect flood flows	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Inundation by seiche, tsunami, or mudflow	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS	LS/PR	NI	NI	NI	NI	NI	NI	LS	NI	NI

Table 2-17 Summary of Environmental Impacts of Implementing Local Reduction Measures in San Bernardino

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																		
	Energy-1	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Land Use-1	Wastewater-2	Wastewater-3	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-2	Water-3	Water-4	Waste-2	PS-1
Land Use/Planning																			
Physically divide an established community	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with any applicable land use plan, policy, or regulation	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with any applicable habitat conservation plan or natural community conservation plan	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS	LS/PR	LS	LS/PR	LS	LS	LS	LS	LS/PR	LS	LS	LS	LS	LS	LS	LS	LS	LS
Mineral Resources																			
Loss of availability of a known mineral resource	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss of availability of a locally important mineral resource recovery site	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Noise																			
Noise levels in excess of standards established in the local general plan or noise ordinance	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive groundborne vibration or groundborne noise levels	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Permanent increase in ambient noise levels	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Temporary or periodic increase in ambient noise levels	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-17 Summary of Environmental Impacts of Implementing Local Reduction Measures in San Bernardino

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																		
	Energy-1	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Land Use-1	Wastewater-2	Wastewater-3	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-2	Water-3	Water-4	Waste-2	PS-1
Population/Housing																			
Induce substantial population growth	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of existing housing	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of people	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Public Services																			
Provision or need of new or physically altered governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for public services	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Recreation																			
Physical deterioration of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI
Transportation/Traffic																			
Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	NI	NI	LS
Conflict with an applicable congestion management program	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	NI	NI	LS
Change in air traffic patterns that results in substantial safety risks	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Increase hazards due to a design feature or incompatible uses	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Inadequate emergency access	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-17 Summary of Environmental Impacts of Implementing Local Reduction Measures in San Bernardino

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																		
	Energy-1	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Land Use-1	Wastewater-2	Wastewater-3	Transportation-1	Transportation-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-2	Water-3	Water-4	Waste-2	PS-1
Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	NI	NI	LS
Cumulative impacts	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	LS/PR	LS	NI	NI	NI	NI	NI	NI	NI	LS
Utilities/Service Systems																			
Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of new or existing water or wastewater treatment facilities	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI
Construction or expansion of new or existing stormwater drainage facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Insufficient water supplies from existing entitlements and resources, or need new or expanded entitlements	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	LS	NI	NI
Inadequate wastewater treatment capacity	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI
Insufficient permitted solid waste disposal capacity	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI
Noncompliance with federal, state, or local statutes and regulations related to solid waste	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	LS	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	LS	LS	LS	LS	NI

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Table 2-18 Summary of Environmental Impacts of Implementing Local Reduction Measures in Twentynine Palms

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																	
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Energy-9	Land Use-1	Land Use-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-3	Waste-2	PS-1
Aesthetics																		
Scenic vistas	LS	NI	NI	LS/MM	LS/MM	LS/MM	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Scenic highways	LS	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Visual character or quality	LS	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI
Light and glare	LS	LS	NI	LS/MM	LS/MM	LS/MM	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Agriculture/Forestry Resources																		
Convert farmland to nonagricultural use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing agricultural zoning or Williamson Act	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing forest land or timberland zoning	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss or conversion of forest land to nonforest land	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Other changes causing conversion of farmland to nonfarmland use or forest land to nonforest land use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Air Quality																		
Conflict or obstruct air quality management plan	LS	LS	LS	LS	LS	LS	LS	LS	LS	NI	LS	LS	LS	LS	LS	LS	LS	LS
Violation of air quality standard	LS	NI	NI	NI	LS	LS	LS	LS	LS	NI	LS	LS	LS	NI	NI	NI	LS	LS
Exposure of sensitive receptors	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Creation of objectionable odors	NI	NI	NI	NI	LS	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulatively considerable net increase of any nonattainment criteria pollutant	LS	LS	LS	LS	LS	LS	LS	LS	LS	NI	LS	LS	LS	LS	LS	LS	LS	LS

Table 2-18 Summary of Environmental Impacts of Implementing Local Reduction Measures in Twentynine Palms

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																		
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Energy-9	Land Use-1	Land Use-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-3	Waste-2	PS-1	
Biological Resources																			
Special-status species	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Riparian habitat or other sensitive natural community	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Protected wetlands	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Wildlife movement	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with any local policies or ordinances protecting biological resources	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with habitat conservation plan	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cultural Resources																			
Substantial adverse change in significance of a historical resource	LS/MM	NI	NI	NI	LS/PR	LS/MM	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Substantial adverse change in significance of a archaeological resource	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Destruction of a unique paleontological resource or site or unique geologic feature	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Disturb any human remains	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/MM	NI	NI	NI	LS/PR	LS/MM	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Geology/Soils																			
Fault rupture, strong seismic groundshaking, seismic-related ground failure, including liquefaction, landslides	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Substantial soil erosion or loss of topsoil	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located on a geologic unit or soil that is unstable, resulting in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located on expansive soil	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-18 Summary of Environmental Impacts of Implementing Local Reduction Measures in Twentynine Palms

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																		
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Energy-9	Land Use-1	Land Use-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-3	Waste-2	PS-1	
Soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Greenhouse Gas Emissions/Global Climate Change																			
Generate greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with an applicable plan, policy, or regulation to reduce greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Hazards/Hazardous Materials																			
Create significant hazard through the routine transport, use, or disposal of hazardous materials	LS/PR	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Create significant hazard through release of hazardous materials	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Emit hazardous emissions or handle acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located on a site that is included on a list of hazardous materials sites, creating significant hazard	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Impair or interfere with an adopted emergency response plan or emergency evacuation plan	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving wildland fires	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/PR	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Hydrology/Water Quality																			
Violate any water quality standards or waste discharge requirements	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-18 Summary of Environmental Impacts of Implementing Local Reduction Measures in Twentynine Palms

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																	
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Energy-9	Land Use-1	Land Use-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-3	Waste-2	PS-1
Deplete groundwater supplies or interfere with groundwater recharge	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in substantial erosion or siltation	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in on- or off-site flooding	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Exceed the capacity of existing or planned stormwater drainage systems or provide additional sources of polluted runoff	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Otherwise degrade water quality	NI	NI	NI	NI	LS	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Place housing within a 100-year flood hazard area	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Place within a 100-year flood hazard area structures that would impede or redirect flood flows	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Inundation by seiche, tsunami, or mudflow	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Land Use/Planning																		
Physically divide an established community	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with any applicable land use plan, policy, or regulation	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with any applicable habitat conservation plan or natural community conservation plan	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS	LS	LS	LS	LS/PR	NI	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Mineral Resources																		
Loss of availability of a known mineral resource	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-18 Summary of Environmental Impacts of Implementing Local Reduction Measures in Twentynine Palms

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																		
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Energy-9	Land Use-1	Land Use-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-3	Waste-2	PS-1	
Loss of availability of a locally important mineral resource recovery site	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Noise																			
Noise levels in excess of standards established in the local general plan or noise ordinance	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive groundborne vibration or groundborne noise levels	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Permanent increase in ambient noise levels	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Temporary or periodic increase in ambient noise levels	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Population/Housing																			
Induce substantial population growth	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of existing housing	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of people	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Public Services																			
Provision or need of new or physically altered governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for public services	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-18 Summary of Environmental Impacts of Implementing Local Reduction Measures in Twentynine Palms

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																		
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-7	Energy-8	Energy-9	Land Use-1	Land Use-2	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-3	Waste-2	PS-1	
Recreation																			
Physical deterioration of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Transportation/Traffic																			
Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with an applicable congestion management program	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Change in air traffic patterns that results in substantial safety risks	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Increase hazards due to a design feature or incompatible uses	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Inadequate emergency access	NI	NI	NI	NI	LS/PR	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Utilities/Service Systems																			
Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of new or existing water or wastewater treatment facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	LS	NI	NI	NI
Construction or expansion of new or existing stormwater drainage facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Insufficient water supplies from existing entitlements and resources, or need new or expanded entitlements	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	LS	NI	NI	NI
Inadequate wastewater treatment capacity	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-18 Summary of Environmental Impacts of Implementing Local Reduction Measures in Twentynine Palms

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>																	
	<i>Energy-1</i>	<i>Energy-2</i>	<i>Energy-3</i>	<i>Energy-4</i>	<i>Energy-5</i>	<i>Energy-7</i>	<i>Energy-8</i>	<i>Energy-9</i>	<i>Land Use-1</i>	<i>Land Use-2</i>	<i>Off-Road-1</i>	<i>Off-Road-2</i>	<i>Off-Road-3</i>	<i>Water-1</i>	<i>Water-2</i>	<i>Water-3</i>	<i>Waste-2</i>	<i>PS-1</i>
Insufficient permitted solid waste disposal capacity	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Noncompliance with federal, state, or local statutes and regulations related to solid waste	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	LS	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	LS	NI	NI

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Table 2-19 Summary of Environmental Impacts of Implementing Local Reduction Measures in Victorville

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																					
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Land Use-2	Wastewater-2	Transportation-1	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-3	Water-4	Waste-2	PS-1
Aesthetics																						
Scenic vistas	LS	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Scenic highways	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Visual character or quality	LS	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	LS	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Light and glare	LS	LS	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Agriculture/Forestry Resources																						
Convert farmland to nonagricultural use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing agricultural zoning or Williamson Act	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with existing forest land or timberland zoning	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss or conversion of forest land to nonforest land	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Other changes causing conversion of farmland to nonfarmland use or forest land to nonforest land use	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Air Quality																						
Conflict or obstruct air quality management plan	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	NI	LS	LS	LS	LS	LS	LS	LS	LS	NI	LS	NI
Violation of air quality standard	LS	NI	NI	NI	LS	LS	LS	LS	LS	NI	NI	LS	LS	LS	LS	LS	NI	NI	NI	NI	NI	NI
Exposure of sensitive receptors	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI
Creation of objectionable odors	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-19 Summary of Environmental Impacts of Implementing Local Reduction Measures in Victorville

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																					
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Land Use-2	Wastewater-2	Transportation-1	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-3	Water-4	Waste-2	PS-1
Cumulatively considerable net increase of any nonattainment criteria pollutant	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	NI	NI	LS	LS	LS	LS	LS	LS	LS	LS	LS	NI
Biological Resources																						
Special-status species	NI	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Riparian habitat or other sensitive natural community	NI	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Protected wetlands	NI	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Wildlife movement	NI	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with any local policies or ordinances protecting biological resources	NI	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with habitat conservation plan	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cultural Resources																						
Substantial adverse change in significance of a historical resource	LS/MM	NI	NI	NI	LS/MM	LS/MM	LS/MM	LS/MM	NI	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI	NI
Substantial adverse change in significance of a archaeological resource	NI	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Destruction of a unique paleontological resource or site or unique geologic feature	NI	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Disturb any human remains	NI	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/MM	NI	NI	NI	LS/MM	LS/PR	LS/MM	LS/MM	NI	NI	NI	NI	LS/MM	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-19 Summary of Environmental Impacts of Implementing Local Reduction Measures in Victorville

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																					
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Land Use-2	Wastewater-2	Transportation-1	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-3	Water-4	Waste-2	PS-1
Geology/Soils																						
Fault rupture, strong seismic groundshaking, seismic-related ground failure, including liquefaction, landslides	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Substantial soil erosion or loss of topsoil	NI	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located on a geologic unit or soil that is unstable, resulting in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse	NI	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located on expansive soil	NI	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	LS	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Greenhouse Gas Emissions/Global Climate Change																						
Generate greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with an applicable plan, policy, or regulation to reduce greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Hazards/Hazardous Materials																						
Create significant hazard through the routine transport, use, or disposal of hazardous materials	LS/PR	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Create significant hazard through release of hazardous materials	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Emit hazardous emissions or handle acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-19 Summary of Environmental Impacts of Implementing Local Reduction Measures in Victorville

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																						
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Land Use-2	Wastewater-2	Transportation-1	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-3	Water-4	Waste-2	PS-1	
Located on a site that is included on a list of hazardous materials sites, creating significant hazard	NI	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Located within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Impair or interfere with an adopted emergency response plan or emergency evacuation plan	NI	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving wildland fires	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/PR	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Hydrology/Water Quality																							
Violate any water quality standards or waste discharge requirements	NI	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Deplete groundwater supplies or interfere with groundwater recharge	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in substantial erosion or siltation	NI	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in on- or off-site flooding	NI	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Exceed the capacity of existing or planned stormwater drainage systems or provide additional sources of polluted runoff	NI	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Otherwise degrade water quality	NI	NI	NI	NI	LS	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Place housing within a 100-year flood hazard area	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-19 Summary of Environmental Impacts of Implementing Local Reduction Measures in Victorville

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																					
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Land Use-2	Wastewater-2	Transportation-1	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-3	Water-4	Waste-2	PS-1
Place within a 100-year flood hazard area structures that would impede or redirect flood flows	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Inundation by seiche, tsunami, or mudflow	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI
Land Use/Planning																						
Physically divide an established community	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with any applicable land use plan, policy, or regulation	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Conflict with any applicable habitat conservation plan or natural community conservation plan	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS	LS	LS	LS	LS	LS	NI	LS	LS	LS	LS	NI	LS	LS	LS	LS	LS	LS	LS	LS	LS
Mineral Resources																						
Loss of availability of a known mineral resource	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Loss of availability of a locally important mineral resource recovery site	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Noise																						
Noise levels in excess of standards established in the local general plan or noise ordinance	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-19 Summary of Environmental Impacts of Implementing Local Reduction Measures in Victorville

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																						
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Land Use-2	Wastewater-2	Transportation-1	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-3	Water-4	Waste-2	PS-1	
Excessive groundborne vibration or groundborne noise levels	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Permanent increase in ambient noise levels	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Temporary or periodic increase in ambient noise levels	NI	NI	NI	NI	LS/PR	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	NI	LS/PR	LS/PR	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Population/Housing																							
Induce substantial population growth	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of existing housing	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of people	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Public Services																							
Provision or need of new or physically altered governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for public services	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Recreation																							
Physical deterioration of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-19 Summary of Environmental Impacts of Implementing Local Reduction Measures in Victorville

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																						
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Land Use-2	Wastewater-2	Transportation-1	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-3	Water-4	Waste-2	PS-1	
Construction or expansion of recreational facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Transportation/Traffic																							
Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with an applicable congestion management program	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Change in air traffic patterns that results in substantial safety risks	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Increase hazards due to a design feature or incompatible uses	NI	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Inadequate emergency access	NI	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	LS/PR	NI	LS/PR	NI	NI	NI	NI	NI	LS/PR	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Utilities/Service Systems																							
Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of new or existing water or wastewater treatment facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	LS	LS	LS	NI	NI	NI	NI
Construction or expansion of new or existing stormwater drainage facilities	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Table 2-19 Summary of Environmental Impacts of Implementing Local Reduction Measures in Victorville

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure																					
	Energy-1	Energy-2	Energy-3	Energy-4	Energy-5	Energy-6	Energy-7	Energy-8	Energy-9	Land Use-1	Land Use-2	Wastewater-2	Transportation-1	Off-Road-1	Off-Road-2	Off-Road-3	Water-1	Water-2	Water-3	Water-4	Waste-2	PS-1
Insufficient water supplies from existing entitlements and resources, or need new or expanded entitlements	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	LS	LS	NI	NI	NI
Inadequate wastewater treatment capacity	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI
Insufficient permitted solid waste disposal capacity	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Noncompliance with federal, state, or local statutes and regulations related to solid waste	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	LS	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	LS	NI	NI	NI	NI	LS	LS	LS	LS	NI	NI

Table 2-20 Summary of Environmental Impacts of Implementing Local Reduction Measures in Yucaipa

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>						
	<i>Energy-7</i>	<i>Energy-8</i>	<i>Transportation-1</i>	<i>Transportation-2</i>	<i>Water-3</i>	<i>Water-4</i>	<i>PS-1</i>
Aesthetics							
Scenic vistas	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI
Scenic highways	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI
Visual character or quality	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI
Light and glare	LS/PR	LS/PR	LS/PR	LS	NI	NI	NI
Cumulative impacts	LS/PR	LS/PR	LS/PR	LS	NI	NI	NI
Agriculture/Forestry Resources							
Convert farmland to nonagricultural use	NI	NI	NI	NI	NI	NI	NI
Conflict with existing agricultural zoning or Williamson Act	NI	NI	NI	NI	NI	NI	NI
Conflict with existing forest land or timberland zoning	NI	NI	NI	NI	NI	NI	NI
Loss or conversion of forest land to nonforest land	NI	NI	NI	NI	NI	NI	NI
Other changes causing conversion of farmland to nonfarmland use or forest land to nonforest land use	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI
Air Quality							
Conflict or obstruct air quality management plan	LS	LS	LS	NI	LS	LS	LS
Violation of air quality standard	LS	LS	LS	NI	NI	NI	LS
Exposure of sensitive receptors	LS	LS	LS	NI	NI	NI	NI
Creation of objectionable odors	LS	LS	LS	NI	NI	NI	NI
Cumulatively considerable net increase of any nonattainment criteria pollutant	LS	LS	LS	NI	LS	LS	LS

Table 2-20 Summary of Environmental Impacts of Implementing Local Reduction Measures in Yucaipa

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

Environmental Impacts	Regional Reduction Plan Local Reduction Measure						
	Energy-7	Energy-8	Transportation-1	Transportation-2	Water-3	Water-4	PS-1
Biological Resources							
Special-status species	LS/PR	NI	LS/PR	NI	NI	NI	NI
Riparian habitat or other sensitive natural community	LS/PR	NI	LS/PR	NI	NI	NI	NI
Protected wetlands	LS/PR	NI	LS/PR	NI	NI	NI	NI
Wildlife movement	LS/PR	NI	LS/PR	NI	NI	NI	NI
Conflict with any local policies or ordinances protecting biological resources	LS/PR	NI	LS/PR	NI	NI	NI	NI
Conflict with habitat conservation plan	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/PR	NI	LS/PR	NI	NI	NI	NI
Cultural Resources							
Substantial adverse change in significance of a historical resource	LS/MM	LS/MM	LS/MM	NI	NI	NI	NI
Substantial adverse change in significance of a archaeological resource	LS/PR	NI	LS/PR	NI	NI	NI	NI
Destruction of a unique paleontological resource or site or unique geologic feature	LS/PR	NI	LS/PR	NI	NI	NI	NI
Disturb any human remains	LS/PR	NI	LS/PR	NI	NI	NI	NI
Cumulative impacts	LS/MM	LS/MM	LS/MM	NI	NI	NI	NI
Geology/Soils							
Fault rupture, strong seismic groundshaking, seismic-related ground failure, including liquefaction, landslides	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI
Substantial soil erosion or loss of topsoil	LS/PR	NI	LS/PR	NI	NI	NI	NI
Located on a geologic unit or soil that is unstable, resulting in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse	LS/PR	NI	LS/PR	NI	NI	NI	NI
Located on expansive soil	LS/PR	NI	LS/PR	NI	NI	NI	NI
Soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems	NI	NI	NI	NI	NI	NI	NI

Table 2-20 Summary of Environmental Impacts of Implementing Local Reduction Measures in Yucaipa

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>						
	<i>Energy-7</i>	<i>Energy-8</i>	<i>Transportation-1</i>	<i>Transportation-2</i>	<i>Water-3</i>	<i>Water-4</i>	<i>PS-1</i>
Cumulative impacts	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI
Greenhouse Gas Emissions/Global Climate Change							
Generate greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS
Conflict with an applicable plan, policy, or regulation to reduce greenhouse gas emissions	LS	LS	LS	LS	LS	LS	LS
Hazards/Hazardous Materials							
Create significant hazard through the routine transport, use, or disposal of hazardous materials	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI
Create significant hazard through release of hazardous materials	NI	NI	NI	NI	NI	NI	NI
Emit hazardous emissions or handle acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school	NI	NI	NI	NI	NI	NI	NI
Located on a site that is included on a list of hazardous materials sites, creating significant hazard	NI	NI	LS	NI	NI	NI	NI
Located within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI
Located within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI
Impair or interfere with an adopted emergency response plan or emergency evacuation plan	LS/PR	NI	LS/PR	NI	NI	NI	NI
Risk of loss, injury, or death involving wildland fires	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI
Cumulative impacts	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI
Hydrology/Water Quality							
Violate any water quality standards or waste discharge requirements	LS/PR	NI	LS/PR	NI	NI	NI	NI
Deplete groundwater supplies or interfere with groundwater recharge	NI	NI	LS	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in substantial erosion or siltation	LS/PR	NI	LS/PR	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in on- or off-site flooding	LS/PR	NI	LS/PR	NI	NI	NI	NI
Exceed the capacity of existing or planned stormwater drainage systems or provide additional sources of polluted runoff	LS	NI	LS/PR	NI	NI	NI	NI

Table 2-20 Summary of Environmental Impacts of Implementing Local Reduction Measures in Yucaipa

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>						
	<i>Energy-7</i>	<i>Energy-8</i>	<i>Transportation-1</i>	<i>Transportation-2</i>	<i>Water-3</i>	<i>Water-4</i>	<i>PS-1</i>
Otherwise degrade water quality	LS/PR	NI	LS	NI	NI	NI	NI
Place housing within a 100-year flood hazard area	NI	NI	NI	NI	NI	NI	NI
Place within a 100-year flood hazard area structures that would impede or redirect flood flows	LS/PR	NI	LS/PR	NI	NI	NI	NI
Risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam	LS	NI	LS/PR	NI	NI	NI	NI
Inundation by seiche, tsunami, or mudflow	LS	NI	LS/PR	NI	NI	NI	NI
Cumulative impacts	LS/PR	NI	LS/PR	NI	NI	NI	NI
Land Use/Planning							
Physically divide an established community	NI	NI	NI	NI	NI	NI	NI
Conflict with any applicable land use plan, policy, or regulation	LS	LS	LS	LS	LS	LS	LS
Conflict with any applicable habitat conservation plan or natural community conservation plan	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS	LS	LS	LS	LS	LS
Mineral Resources							
Loss of availability of a known mineral resource	NI	NI	NI	NI	NI	NI	NI
Loss of availability of a locally important mineral resource recovery site	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI
Noise							
Noise levels in excess of standards established in the local general plan or noise ordinance	LS/PR	LR/PR	LS/PR	NI	NI	NI	NI
Excessive groundborne vibration or groundborne noise levels	NI	NI	LS/PR	NI	NI	NI	NI
Permanent increase in ambient noise levels	NI	NI	LS/PR	NI	NI	NI	NI
Temporary or periodic increase in ambient noise levels	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI

Table 2-20 Summary of Environmental Impacts of Implementing Local Reduction Measures in Yucaipa

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>						
	<i>Energy-7</i>	<i>Energy-8</i>	<i>Transportation-1</i>	<i>Transportation-2</i>	<i>Water-3</i>	<i>Water-4</i>	<i>PS-1</i>
Excessive noise levels within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI	NI	NI
Excessive noise levels within the vicinity of a private airstrip	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	LS/PR	LS/PR	LS/PR	NI	NI	NI	NI
Population/Housing							
Induce substantial population growth	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of existing housing	NI	NI	NI	NI	NI	NI	NI
Displace substantial numbers of people	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI
Public Services							
Provision or need of new or physically altered governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for public services	NI	NI	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI	NI	NI
Recreation							
Physical deterioration of recreational facilities	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of recreational facilities	NI	NI	LS/PR	NI	NI	NI	NI
Cumulative impacts	NI	NI	LS/PR	NI	NI	NI	NI
Transportation/Traffic							
Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system	NI	NI	LS	LS	NI	NI	LS
Conflict with an applicable congestion management program	NI	NI	LS	LS	NI	NI	LS
Change in air traffic patterns that results in substantial safety risks	NI	NI	NI	NI	NI	NI	NI

Table 2-20 Summary of Environmental Impacts of Implementing Local Reduction Measures in Yucaipa

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LS/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>						
	<i>Energy-7</i>	<i>Energy-8</i>	<i>Transportation-1</i>	<i>Transportation-2</i>	<i>Water-3</i>	<i>Water-4</i>	<i>PS-1</i>
Increase hazards due to a design feature or incompatible uses	LS/PR	NI	LS/PR	LS	NI	NI	NI
Inadequate emergency access	LS/PR	NI	LS/PR	NI	NI	NI	NI
Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities	NI	NI	LS/PR	LS	NI	NI	LS
Cumulative impacts	LS/PR	NI	LS/PR	LS	NI	NI	LS
Utilities/Service Systems							
Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board	NI	NI	NI	NI	NI	NI	NI
Construction or expansion of new or existing water or wastewater treatment facilities	NI	NI	NI	NI	LS	LS	NI
Construction or expansion of new or existing stormwater drainage facilities	NI	NI	LS	NI	NI	NI	NI
Insufficient water supplies from existing entitlements and resources, or need new or expanded entitlements	NI	NI	NI	NI	LS	LS	NI
Inadequate wastewater treatment capacity	NI	NI	NI	NI	NI	NI	NI
Insufficient permitted solid waste disposal capacity	NI	NI	LS	NI	NI	NI	NI
Noncompliance with federal, state, or local statutes and regulations related to solid waste	NI	NI	LS	NI	NI	NI	NI
Cumulative impacts	NI	NI	LS	NI	LS	LS	NI

Table 2-21 Summary of Environmental Impacts of Implementing Local Reduction Measures in Yucca Valley

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LT/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>				
	<i>Energy-1</i>	<i>Energy-5</i>	<i>Energy-7</i>	<i>Water-4</i>	<i>PS-1</i>
Aesthetics					
Scenic vistas	LS	LS/PR	LS/PR	NI	NI
Scenic highways	NI	LS/PR	LS/PR	NI	NI
Visual character or quality	LS	LS/PR	LS/PR	NI	NI
Light and glare	LS	LS/PR	LS/PR	NI	NI
Cumulative impacts	LS	LS/PR	LS/PR	NI	NI
Agriculture/Forestry Resources					
Convert farmland to nonagricultural use	NI	NI	NI	NI	NI
Conflict with existing agricultural zoning or Williamson Act	NI	NI	NI	NI	NI
Conflict with existing forest land or timberland zoning	NI	NI	NI	NI	NI
Loss or conversion of forest land to nonforest land	NI	NI	NI	NI	NI
Other changes causing conversion of farmland to nonfarmland use or forest land to nonforest land use	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI
Air Quality					
Conflict or obstruct air quality management plan	LS	LS	LS	LS	LS
Violation of air quality standard	NI	LS	LS	NI	LS
Exposure of sensitive receptors	NI	LS	LS	NI	NI
Creation of objectionable odors	NI	LS	LS	NI	NI
Cumulatively considerable net increase of any nonattainment criteria pollutant	LS	LS	LS	LS	LS
Biological Resources					
Special-status species	NI	LS/PR	LS/PR	NI	NI

Table 2-21 Summary of Environmental Impacts of Implementing Local Reduction Measures in Yucca Valley

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LT/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>				
	<i>Energy-1</i>	<i>Energy-5</i>	<i>Energy-7</i>	<i>Water-4</i>	<i>PS-1</i>
Riparian habitat or other sensitive natural community	NI	LS/PR	LS/PR	NI	NI
Protected wetlands	NI	LS/PR	LS/PR	NI	NI
Wildlife movement	NI	LS/PR	LS/PR	NI	NI
Conflict with any local policies or ordinances protecting biological resources	NI	LS/PR	LS/PR	NI	NI
Conflict with habitat conservation plan	NI	NI	NI	NI	NI
Cumulative impacts	NI	LS/PR	LS/PR	NI	NI
Cultural Resources					
Substantial adverse change in significance of a historical resource	LS/MM	LS/MM	LS/MM	NI	NI
Substantial adverse change in significance of a archaeological resource	NI	LS/PR	LS/PR	NI	NI
Destruction of a unique paleontological resource or site or unique geologic feature	NI	LS/PR	LS/PR	NI	NI
Disturb any human remains	NI	LS/PR	LS/PR	NI	NI
Cumulative impacts	LS/MM	LS/MM	LS/MM	NI	NI
Geology/Soils					
Fault rupture, strong seismic groundshaking, seismic-related ground failure, including liquefaction, landslides	NI	LS/PR	LS/PR	NI	NI
Substantial soil erosion or loss of topsoil	NI	LS/PR	LS/PR	NI	NI
Located on a geologic unit or soil that is unstable, resulting in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse	NI	LS/PR	LS/PR	NI	NI
Located on expansive soil	NI	LS/PR	LS/PR	NI	NI
Soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems	NI	NI	NI	NI	NI
Cumulative impacts	NI	LS/PR	LS/PR	NI	NI
Greenhouse Gas Emissions/Global Climate Change					
Generate greenhouse gas emissions	LS	LS	LS	LS	LS

Table 2-21 Summary of Environmental Impacts of Implementing Local Reduction Measures in Yucca Valley

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LT/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>				
	<i>Energy-1</i>	<i>Energy-5</i>	<i>Energy-7</i>	<i>Water-4</i>	<i>PS-1</i>
Conflict with an applicable plan, policy, or regulation to reduce greenhouse gas emissions	LS	LS	LS	LS	LS
Hazards/Hazardous Materials					
Create significant hazard through the routine transport, use, or disposal of hazardous materials	LS/PR	LS/PR	LS/PR	NI	NI
Create significant hazard through release of hazardous materials	NI	NI	NI	NI	NI
Emit hazardous emissions or handle acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school	NI	NI	NI	NI	NI
Located on a site that is included on a list of hazardous materials sites, creating significant hazard	NI	NI	NI	NI	NI
Located within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI
Located within the vicinity of a private airstrip	NI	NI	NI	NI	NI
Impair or interfere with an adopted emergency response plan or emergency evacuation plan	NI	LS/PR	LS/PR	NI	NI
Risk of loss, injury, or death involving wildland fires	NI	NI	NI	NI	NI
Cumulative impacts	LS/PR	LS/PR	LS/PR	NI	NI
Hydrology/Water Quality					
Violate any water quality standards or waste discharge requirements	NI	LS/PR	LS/PR	NI	NI
Deplete groundwater supplies or interfere with groundwater recharge	NI	NI	NI	NI	NI
Alter the existing drainage pattern of the site or area, resulting in substantial erosion or siltation	NI	LS/PR	LS/PR	NI	NI
Alter the existing drainage pattern of the site or area, resulting in on- or off-site flooding	NI	LS/PR	LS/PR	NI	NI
Exceed the capacity of existing or planned stormwater drainage systems or provide additional sources of polluted runoff	NI	LS	LS	NI	NI
Otherwise degrade water quality	NI	NI	NI	NI	NI
Place housing within a 100-year flood hazard area	NI	NI	NI	NI	NI
Place within a 100-year flood hazard area structures that would impede or redirect flood flows	NI	LS/PR	LS/PR	NI	NI
Risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam	NI	LS	LS	NI	NI

Table 2-21 Summary of Environmental Impacts of Implementing Local Reduction Measures in Yucca Valley

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LT/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>				
	<i>Energy-1</i>	<i>Energy-5</i>	<i>Energy-7</i>	<i>Water-4</i>	<i>PS-1</i>
Inundation by seiche, tsunami, or mudflow	NI	LS	LS	NI	NI
Cumulative impacts	NI	LS/PR	LS/PR	NI	NI
Land Use/Planning					
Physically divide an established community	NI	NI	NI	NI	NI
Conflict with any applicable land use plan, policy, or regulation	LS	LS	LS	LS	LS
Conflict with any applicable habitat conservation plan or natural community conservation plan	NI	NI	NI	NI	NI
Cumulative impacts	LS	LS	LS	LS	LS
Mineral Resources					
Loss of availability of a known mineral resource	NI	NI	NI	NI	NI
Loss of availability of a locally important mineral resource recovery site	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI
Noise					
Noise levels in excess of standards established in the local general plan or noise ordinance	LS/PR	LS/PR	LS/PR	NI	NI
Excessive groundborne vibration or groundborne noise levels	NI	NI	NI	NI	NI
Permanent increase in ambient noise levels	NI	NI	NI	NI	NI
Temporary or periodic increase in ambient noise levels	LS/PR	LS/PR	LS/PR	NI	NI
Excessive noise levels within 2 miles of a public airport or public use airport	NI	NI	NI	NI	NI
Excessive noise levels within the vicinity of a private airstrip	NI	NI	NI	NI	NI
Cumulative impacts	LS/PR	LS/PR	LS/PR	NI	NI
Population/Housing					
Induce substantial population growth	NI	NI	NI	NI	NI

Table 2-21 Summary of Environmental Impacts of Implementing Local Reduction Measures in Yucca Valley

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LT/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>				
	<i>Energy-1</i>	<i>Energy-5</i>	<i>Energy-7</i>	<i>Water-4</i>	<i>PS-1</i>
Displace substantial numbers of existing housing	NI	NI	NI	NI	NI
Displace substantial numbers of people	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI
Public Services					
Provision or need of new or physically altered governmental facilities to maintain acceptable service ratios, response times, or other performance objectives for public services	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI
Recreation					
Physical deterioration of recreational facilities	NI	NI	NI	NI	NI
Construction or expansion of recreational facilities	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	NI	NI
Transportation/Traffic					
Conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system	NI	NI	NI	NI	LS
Conflict with an applicable congestion management program	NI	NI	NI	NI	LS
Change in air traffic patterns that results in substantial safety risks	NI	NI	NI	NI	NI
Increase hazards due to a design feature or incompatible uses	NI	NI	NI	NI	NI
Inadequate emergency access	NI	LS/PR	LS/PR	NI	NI
Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities	NI	NI	NI	NI	LS
Cumulative impacts	NI	LS/PR	LS/PR	NI	LS
Utilities/Service Systems					
Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board	NI	NI	NI	NI	NI
Construction or expansion of new or existing water or wastewater treatment facilities	NI	NI	NI	LS	NI

Table 2-21 Summary of Environmental Impacts of Implementing Local Reduction Measures in Yucca Valley

NI = no impact; LS = less than significant; LS/PR = less than significant with implementation of policies/regulations; LT/MM = less than significant with mitigation measures

<i>Environmental Impacts</i>	<i>Regional Reduction Plan Local Reduction Measure</i>				
	<i>Energy-1</i>	<i>Energy-5</i>	<i>Energy-7</i>	<i>Water-4</i>	<i>PS-1</i>
Construction or expansion of new or existing stormwater drainage facilities	NI	NI	NI	NI	NI
Insufficient water supplies from existing entitlements and resources, or need new or expanded entitlements	NI	NI	NI	LS	NI
Inadequate wastewater treatment capacity	NI	NI	NI	NI	NI
Insufficient permitted solid waste disposal capacity	NI	NI	NI	NI	NI
Noncompliance with federal, state, or local statutes and regulations related to solid waste	NI	NI	NI	NI	NI
Cumulative impacts	NI	NI	NI	LS	NI

Table 2-22 Summary of Mitigation Measures	
<i>Environmental Impact</i>	<i>Mitigation Measure</i>
City of Adelanto	
Cultural Resources (Historical Resources)	<p>MM4.1.5-1. Prior to activities that would physically affect any buildings or structures 50 years old or older or affect their historic setting, a cultural resource professional who meets the Secretary of the Interior’s Professional Qualifications Standards for Architectural History shall be retained to determine if the project would cause a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5. The investigation shall include, as determined appropriate by the cultural resource professional and the City of Adelanto, the appropriate archival research, including, if necessary, a records search of the Archaeological Information Center (AIC) of the California Historical Resources Information System (CHRIS) and a pedestrian survey of the proposed improvements area to determine if any significant historic-period resources would be adversely affected by the proposed Regional Reduction Plan activities. The results of the investigation shall be documented in a technical report or memorandum that identifies and evaluates any historical resources within the improvements area and includes recommendations and methods for eliminating or reducing impacts on historical resources. Methods could include, but are not limited to, written and photographic recordation of the resource in accordance with the level of Historic American Building Survey (HABS) documentation that is appropriate to the significance (local, state, national) of the resource.</p>
City of Big Bear Lake	None required
City of Chino	
Aesthetics (Scenic Vistas, Visual Character, Light and Glare)	<p>MM4.3.1-1a. Renewable energy generating facilities shall be placed or constructed below any major ridgeline when viewed from any designated scenic corridor as identified in the Chino General Plan.</p> <p>MM4.3.1-1b. Renewable energy generating facilities shall not be:</p> <ul style="list-style-type: none"> ■ Located within a scenic corridor as identified in the Chino General Plan. ■ Located in an area that would substantially obstruct views of adjacent property owners. ■ Allowed in areas where prohibited by the Alquist-Priolo Earthquake Fault Zoning Act, the terms of any easement, or the listing of the proposed site in the National Register of Historic Places or the California Register of Historical Resources, or on the City’s Historic Inventory. <p>MM4.3.1-1c. Renewable energy generating facilities shall be limited to a height of 80 feet on parcels between one and 5 acres, and limited to a height of 100 feet on parcels greater than 5 acres.</p> <p>MM4.3.1-2a. The minimum setback from any nonresidential property line shall be equal to the renewable energy system height.</p> <p>MM4.3.1-2b. The minimum setback of a commercial-scale renewable energy system from any residential property line shall be at least 1,500 feet.</p> <p>MM4.3.1-2c. On open space, only one renewable energy system unit per 10 acres shall be allowed. Units shall be installed with at least 240 feet separation from each other. If the units are to 50 feet in height, a maximum of two units may be installed for every 5 acres. For every additional 5 acres, one additional unit may be added not to exceed a maximum of five units and the separation between the units may be reduced to twice the height of the systems.</p> <p>MM4.3.1-2d. Renewable energy generating facilities not incorporated into the building, or part of the parking structure, or considered an accessory structure to an existing residence shall be prohibited in urbanized residential neighborhoods.</p> <p>MM4.3.1-2e. Residential properties less than 5 acres shall be limited to one accessory wind energy system that shall not exceed the height of the zone in which it is located.</p> <p>MM4.3.1-2f. Residential properties that are 5 acres and more shall be limited to two accessory wind energy systems that shall not exceed the height of the zone in which it is located.</p> <p>MM4.3.1-3a. All proposed energy-generating structures shall be constructed utilizing non-reflective materials to the maximum extent feasible. If a reflective material is used, appropriate shielding shall be placed or the structure relocated to reduce the amount of visible glare. The City shall review all discretionary projects prior to issuance of</p>

Table 2-22 Summary of Mitigation Measures	
<i>Environmental Impact</i>	<i>Mitigation Measure</i>
	building permits to ensure that appropriate shielding and placement of such structures are included in design plans. MM4.3.1-3b. All proposed energy-generating structures in open spaces areas shall not be lighted unless required by code or regulation.
Cultural Resources (Historical Resources)	MM4.3.5-1. Prior to activities that would physically affect any buildings or structures 50 years old or older or affect their historic setting, a cultural resource professional who meets the Secretary of the Interior’s Professional Qualifications Standards for Architectural History shall be retained to determine if the project would cause a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5. The investigation shall include, as determined appropriate by the cultural resource professional and the City of Chino, the appropriate archival research, including, if necessary, a records search of the Archaeological Information Center (AIC) of the California Historical Resources Information System (CHRIS) and a pedestrian survey of the proposed improvements area to determine if any significant historic-period resources would be adversely affected by the proposed Regional Reduction Plan activities. The results of the investigation shall be documented in a technical report or memorandum that identifies and evaluates any historical resources within the improvements area and includes recommendations and methods for eliminating or reducing impacts on historical resources. Methods could include, but are not limited to, written and photographic recordation of the resource in accordance with the level of Historic American Building Survey (HABS) documentation that is appropriate to the significance (local, state, national) of the resource.
City of Chino Hills	None required
City of Colton	
Cultural Resources (Historical Resources)	MM4.5.5-1. Prior to activities that would physically affect known historical resources or any buildings or structures 50 years old or older or affect their historic setting, a cultural resource professional who meets the Secretary of the Interior’s Professional Qualifications Standards for Architectural History will be consulted to determine if the proposed energy-efficiency retrofit activities or the installation of solar would cause a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5. The investigation shall include, as determined appropriate by the cultural resource professional and the City of Colton, archival research, including, if necessary, a records search of the Archaeological Information Center (AIC) of the California Historical Resources Information System (CHRIS) and a pedestrian survey of the proposed improvements area to determine if any significant historic-period resources would be adversely affected by the proposed Regional Reduction Plan activities. The results of the investigation shall be documented in a technical report or memorandum that identifies and evaluates any historical resources within the improvements area and includes recommendations and methods for eliminating or reducing impacts on historical resources. Methods could include, but are not limited to, written and photographic recordation of the resource in accordance with the level of Historic American Building Survey (HABS) documentation that is appropriate to the significance (local, state, national) of the resource.
City of Fontana	
Air Quality (Diesel Particulate Matter Emissions Near Metrolink Stations)	MM4.6.3-1. Transit-oriented development near the Metrolink stations shall set back all sensitive land uses (residential, daycare facilities, schools, preschools, and eldercare facilities) at least 500 feet from the nearest railroad track to reduce concentrations of air pollution, to acceptable levels.

Table 2-22 Summary of Mitigation Measures	
<i>Environmental Impact</i>	<i>Mitigation Measure</i>
City of Grand Terrace	
Cultural Resources (Historical Resources)	MM4.7.5-1. Prior to activities that would physically affect any buildings or structures 50 years old or older or affect their historic setting, a cultural resource professional who meets the Secretary of the Interior’s Professional Qualifications Standards for Architectural History shall be retained to determine if the project would cause a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5. The investigation shall include, as determined appropriate by the cultural resource professional and the City of Grand Terrace, the appropriate archival research, including, if necessary, a records search of the Archaeological Information Center (AIC) of the California Historical Resources Information System (CHRIS) and a pedestrian survey of the proposed improvements area to determine if any significant historic-period resources would be adversely affected by the proposed Regional Plan activities. The results of the investigation shall be documented in a technical report or memorandum that identifies and evaluates any historical resources within the improvements area and includes recommendations and methods for eliminating or reducing impacts on historical resources. Methods could include, but are not limited to, written and photographic recordation of the resource in accordance with the level of Historic American Building Survey (HABS) documentation that is appropriate to the significance (local, state, national) of the resource.
City of Hesperia	
Cultural Resources (Historical Resources)	MM4.8.5-1. Prior to activities that would physically affect any buildings or structures 50 years old or older or affect their historic setting, a cultural resource professional who meets the Secretary of the Interior’s Professional Qualifications Standards for Architectural History shall be retained to determine if the project would cause a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5. The investigation shall include, as determined appropriate by the cultural resource professional and the City of Hesperia, the appropriate archival research, including, if necessary, a records search of the Archaeological Information Center (AIC) of the California Historical Resources Information System (CHRIS) and a pedestrian survey of the proposed improvements area to determine if any significant historic-period resources would be adversely affected by the proposed Regional Reduction Plan activities. The results of the investigation shall be documented in a technical report or memorandum that identifies and evaluates any historical resources within the improvements area and includes recommendations and methods for eliminating or reducing impacts on historical resources. Methods could include, but are not limited to, written and photographic recordation of the resource in accordance with the level of Historic American Building Survey (HABS) documentation that is appropriate to the significance (local, state, national) of the resource.
City of Highland	None required.
City of Loma Linda	
Cultural Resources (Historical Resources)	MM4.10.5-1. Prior to activities that would physically affect known historical resources or any buildings or structures 50 years old or older or affect their historic setting, a cultural resource professional who meets the Secretary of the Interior’s Professional Qualifications Standards for Architectural History will be consulted to determine if the proposed energy-efficiency retrofit or solar installation activities would cause a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5. The investigation shall include, as determined appropriate by the cultural resource professional and the City of Loma Linda, archival research, including, if necessary, a records search of the Archaeological Information Center (AIC) of the California Historical Resources Information System (CHRIS) and a pedestrian survey of the proposed improvements area to determine if any significant historic-period resources would be adversely affected by the proposed Regional Reduction Plan activities. The results of the investigation shall be documented in a technical report or memorandum that identifies and evaluates any historical resources within the improvements area and includes recommendations and methods for eliminating or reducing impacts on historical resources. Methods could include, but are not limited to, written and photographic recordation of the resource in accordance with the level of Historic American Building Survey (HABS) documentation that is appropriate to the significance (local, state, national) of the resource.

Table 2-22 Summary of Mitigation Measures	
<i>Environmental Impact</i>	<i>Mitigation Measure</i>
City of Montclair	
Air Quality (Diesel Particulate Matter Emissions Near Metrolink Stations)	MM4.11.3-1. Transit-oriented development near the Metrolink Stations shall set back all sensitive land uses (residential, daycare facilities, schools, preschools, and eldercare facilities) at least 500 feet from the nearest railroad track to reduce concentrations of air pollution, to acceptable levels.
City of Needles	
Cultural Resources (Historical Resources)	MM4.12.1-1. Prior to activities that would physically affect any buildings or structures 50 years old or older or affect their historic setting, a cultural resource professional who meets the Secretary of the Interior’s Professional Qualifications Standards for Architectural History shall be retained to determine if the project would cause a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5. The investigation shall include, as determined appropriate by the cultural resource professional and the City of Needles, the appropriate archival research, including, if necessary, a records search of the Archaeological Information Center (AIC) of the California Historical Resources Information System (CHRIS) and a pedestrian survey of the proposed improvements area to determine if any significant historic-period resources would be adversely affected by the proposed Regional Reduction Plan activities. The results of the investigation shall be documented in a technical report or memorandum that identifies and evaluates any historical resources within the improvements area and includes recommendations and methods for eliminating or reducing impacts on historical resources. Methods could include, but are not limited to, written and photographic recordation of the resource in accordance with the level of Historic American Building Survey (HABS) documentation that is appropriate to the significance (local, state, national) of the resource.
City of Ontario	
Aesthetics (Scenic Vistas, Visual Quality, Light and Glare)	<p>MM4.13.1-1a. Renewable energy generating facilities shall require additional review when located within a scenic corridor as identified in the Ontario General Plan.</p> <p>MM4.13.1-1b. Renewable energy generating facilities shall comply with applicable standards as identified through the comprehensive update of the city’s development code subsequent to City CAP approval.</p> <p>MM4.13.1-2a. The minimum setback from any non-residential property line shall be equal to the renewable energy system height.</p> <p>MM4.13.1-2b. The minimum buffer or setback of a commercial-scale renewable energy system from any residential property line shall be at least 1,500 feet. Subsequent to the City CAP approval, a comprehensive update of the city’s development code shall occur.</p> <p>MM4.13.1-2c. Renewable energy generating facilities not incorporated into the building, or part of the parking structure, or considered an accessory structure to an existing residence shall be prohibited in urbanized residential neighborhoods.</p> <p>MM4.13.1-2d. Residential properties shall be limited to one wind energy system per 5 acres and shall not exceed the height of the zone in which it is located.</p> <p>MM4.13.1-3a. All proposed energy-generating structures shall be constructed utilizing non-reflective materials to the maximum extent feasible. If a reflective material is used, appropriate shielding shall be placed or the structure relocated to reduce the amount of visible glare. The City shall review all discretionary projects prior to issuance of building permits to ensure that appropriate shielding and placement of such structures are included in design plans.</p> <p>MM4.13.1-3b. All proposed energy-generating structures in open spaces areas shall not be lighted unless required by the City.</p>

Table 2-22 Summary of Mitigation Measures	
<i>Environmental Impact</i>	<i>Mitigation Measure</i>
Air Quality (Diesel Particulate Matter Emissions Near Metrolink Stations)	<p>MM4.13.3-1. Transit-oriented development near the Metrolink Stations shall set back all sensitive land uses (residential, daycare facilities, schools, preschools, and eldercare facilities) at least 500 feet from the nearest rail yard to reduce concentrations of air pollution, to acceptable levels. As an alternative to the setback, an air toxics health risk assessment of sensitive land uses should be completed demonstrating that sensitive land uses closer than 500 feet from the nearest rail yard will not result in a cancer risk of 10 in a million, and a non-cancer health risk of 1 on the health hazard index. The methodology of the health risk analysis must follow the protocols found on the Office of Environmental Hazards Assessment (OEHA) website: http://www.oehha.ca.gov/.</p>
City of Rancho Cucamonga	
Aesthetics (Scenic Vistas, Visual Quality, Light and Glare)	<p>MM4.14.1-1a. Renewable energy generating facilities shall be placed or constructed below any major ridgeline when viewed from any designated scenic corridor as identified in the General Plan.</p> <p>MM4.14.1-1b. Renewable energy generating facilities shall not be:</p> <ul style="list-style-type: none"> ■ Located within a scenic corridor as identified in the General Plan ■ Located in an area that would substantially obstruct views of adjacent property owners ■ Allowed in areas where prohibited by the Alquist-Priolo Earthquake Fault Zoning Act, the terms of any easement, or the listing of the proposed site in the National Register of Historic Places or the California Register of Historical Resources, or on the City's Historic Inventory <p>MM4.14.1-1c. The installation of alternative energy systems and facilities shall be subject to the development standards of the Rancho Cucamonga Development Code Section 17.76 relating to Development Standards for Solar Systems (17.76.020) and Development Standards for Wind Energy Systems (17.76.030).</p> <p>MM4.14.1-2a. Development Standards for Wind Energy Systems (17.76.030) establish requirements for the installation of wind energy systems on residentially and industrially zoned properties. Development standards are included for the operation and installation of wind energy systems.</p> <p>MM4.14.1-2b. Within residential districts, free standing renewable energy generating systems shall be limited to a maximum of 40 feet above the highest grade level, and roof mounted renewable energy generating systems shall be limited to a maximum height of 15 feet above the structure on which the system is located.</p> <p>MM4.14.1-2c. Within residential districts, the maximum number of renewable energy generating facilities is limited to one (1) freestanding or two (2) roof mounted systems.</p> <p>MM4.14.1-2d. Within industrial districts, free standing renewable energy generating systems shall be limited to a maximum height of 80 feet above the highest grade level, and roof mounted renewable energy generating systems shall be limited to a maximum height of 15 feet above the structure on which the system is mounted.</p> <p>MM4.14.1-2e. Within industrial districts, the maximum number of renewable energy generating systems is two (2) freestanding or four (4) roof-mounted systems.</p> <p>MM4.14.1-3a. Structural components including, but not limited to, towers and blades shall be of a nonreflective, unobtrusive color. The City shall review all discretionary projects prior to issuance of building permits to ensure that appropriate shielding and placement of such structures are included in design plans.</p> <p>MM4.14.1-3b. Exterior lighting on any wind energy system shall be prohibited unless specifically required by the Federal Aviation Administration.</p>
Air Quality (Diesel Particulate Matter Emissions Near Metrolink Stations)	<p>MM4.14.3-1. Transit-oriented development near the Metrolink stations shall set back all sensitive land uses (residential, day-care facilities, schools, pre-schools, and elder-care facilities) at least 500 feet from the nearest railroad track to reduce concentrations of air pollution to acceptable levels.</p>

Table 2-22 Summary of Mitigation Measures	
<i>Environmental Impact</i>	<i>Mitigation Measure</i>
Cultural Resources (Historical Resources)	MM4.14.5-1. Prior to activities that would physically affect known historical resources or any buildings or structures 50 years old or older or affect their historic setting, a cultural resource professional who meets the Secretary of the Interior’s Professional Qualifications Standards for Architectural History will be consulted to determine if the proposed energy-efficiency retrofit activities would cause a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5. The investigation shall include, as determined appropriate by the cultural resource professional and the City of Rancho Cucamonga, archival research, including, if necessary, a records search of the Archaeological Information Center (AIC) of the California Historical Resources Information System (CHRIS) and a pedestrian survey of the proposed improvements area to determine if any significant historic-period resources would be adversely affected by the proposed Regional Plan activities. The results of the investigation shall be documented in a technical report or memorandum that identifies and evaluates any historical resources within the improvements area and includes recommendations and methods for eliminating or reducing impacts on historical resources. Methods could include, but are not limited to, written and photographic recordation of the resource in accordance with the level of Historic American Building Survey (HABS) documentation that is appropriate to the significance (local, state, national) of the resource.
City of Redlands	
Cultural Resources (Historical Resources)	MM4.15.5-1. Prior to activities that would physically affect known historical resources or any buildings or structures 50 years old or older or affect their historic setting, a cultural resource professional who meets the Secretary of the Interior’s Professional Qualifications Standards for Architectural History will be consulted to determine if the proposed energy-efficiency retrofit or solar installation activities would cause a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5. The investigation shall include, as determined appropriate by the cultural resource professional and the City of Redlands, archival research, including, if necessary, a records search of the Archaeological Information Center (AIC) of the California Historical Resources Information System (CHRIS) and a pedestrian survey of the proposed improvements area to determine if any significant historic-period resources would be adversely affected by the proposed Regional Plan activities. The results of the investigation shall be documented in a technical report or memorandum that identifies and evaluates any historical resources within the improvements area and includes recommendations and methods for eliminating or reducing impacts on historical resources. Methods could include, but are not limited to, written and photographic recordation of the resource in accordance with the level of Historic American Building Survey (HABS) documentation that is appropriate to the significance (local, state, national) of the resource.
City of Rialto	
Air Quality (Diesel Particulate Matter Emissions Near Metrolink Stations)	MM4.16.3-1. Transit-oriented development near the Metrolink Stations shall set back all sensitive land uses (residential, daycare facilities, schools, preschools, and eldercare facilities) at least 500 feet from the nearest railroad track to reduce concentrations of air pollution, to acceptable levels
Biological Resources (Special-Status Species, Riparian/Sensitive Habitat, Wetlands, Wildlife Movement)	<p>MM4.16.4-1a. A biological resources assessment shall be prepared for any renewable energy generating facility proposed within the Lytle Creek Wash area, or on any undeveloped land within a Critical Habitat designation. This assessment shall identify the habitat types and quality, species occurrence and distribution, determine the specific impacts to biological resources and characterize the biological significance of those impacts, and define measures to avoid, reduce or compensate for any significant impacts attributable to the proposed project. The biological assessment shall be submitted to the Development Services Director for review/approval, and shall be included in the CEQA compliance documentation for all such proposals.</p> <p>MM4.16.4-1b. A focused survey for burrowing owls shall be conducted by a qualified professional biologist for any new development project proposed on a vacant site of two acres or larger, with a landscape of annual and perennial grasslands, desert, or arid scrubland with low-growing vegetation. The purpose of the survey is to determine if burrowing owls are foraging or nesting on or adjacent to the project site. If surveys confirm that the site is occupied habitat, mitigation measures to minimize impacts to burrowing owls, their burrows and foraging habitat shall be identified. The results of this survey, including any mitigation recommendations, shall be incorporated into the project-level CEQA compliance documentation. Owl surveys and approaches to mitigation shall be in accordance with the Staff Report on Burrowing Owl Mitigation, issued</p>

Table 2-22 Summary of Mitigation Measures	
<i>Environmental Impact</i>	<i>Mitigation Measure</i>
	<p>by the California Department of Fish and Game on October 17, 1995.</p> <p>MM4.16.4-2. The City will enforce a policy of “no net loss” of wetlands and riparian values with respect to any future land use approvals within the Lytle Creek area. This policy shall be implemented through on-site means, or by off-site means if located within the vicinity of the affected reach of the creek.</p> <p>MM4.16.4-4. Prior to approval of any land use plan or development project proposal within the Lytle Creek Wash area that affects more than two contiguous acres of undeveloped land, a biological assessment of the effects on wildlife movement shall be completed and considered by the City’s decision-makers. This assessment shall be submitted to the Development Services Director for review/approval, and shall be included in the CEQA compliance documentation for all such proposals.</p>
Cultural Resources (Historical Resources)	<p>MM4.16.5-1. Prior to activities that would physically affect buildings or structures 45 years old or older or affect their historic setting, the project applicant shall retain a cultural resource professional who meets the Secretary of the Interior’s Professional Qualifications Standards for Architectural History to determine if the project would cause a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5. The investigation shall include, as determined appropriate by the cultural resource professional and the City of Rialto, the appropriate archival research, including, if necessary, a records search of the Archaeological Information Center (AIC) of the California Historical Resources Information System (CHRIS) and a pedestrian survey of the proposed improvements area to determine if any significant historic-period resources would be adversely affected by the proposed Regional Plan activities. The results of the investigation shall be documented in a technical report or memorandum that identifies and evaluates any historical resources within the improvements area and includes recommendations and methods for eliminating or reducing impacts on historical resources. The technical report or memorandum shall be submitted to the City of Rialto for approval. As determined necessary by the City, environmental documentation (e.g., CEQA documentation) prepared for future development within the project site shall reference or incorporate the findings and recommendations of the technical report or memorandum. The project applicant shall be responsible for implementing methods for eliminating or reducing impacts on historical resources identified in the technical report or memorandum. Additional methods could include, but not be limited to, written and photographic recordation of the resource in accordance with the level of Historic American Building Survey (HABS) documentation that is appropriate to the significance (local, state, national) of the resource</p>
City of San Bernardino	
Aesthetics (Scenic Vistas, Visual Quality, Light and Glare)	<p>MM4.17.1-1a. Renewable energy generating facilities shall be placed or constructed below any major ridgeline when viewed from any designated scenic corridor as identified in the San Bernardino General Plan.</p> <p>MM4.17.1-1b. Renewable energy generating facilities shall not be:</p> <ul style="list-style-type: none"> ■ Located within middle and background scenic view sheds as identified in General Plan ■ Located in an area that would substantially obstruct views of adjacent property owners ■ Allowed in areas where prohibited by the Alquist-Priolo Earthquake Fault Zoning Act, the terms of any easement, or the listing of the proposed site in the National Register of Historic Places or the California Register of Historical Resources, or on the City’s Historic Inventory <p>MM4.17.1-1c. Renewable energy generating facilities shall be limited to a height of 80 feet on parcels between one and 5 acres, and limited to a height of 100 feet on parcels greater than 5 acres.</p> <p>MM4.17.1-2a. The minimum setback from any non-residential property line shall be equal to the renewable energy system height.</p> <p>MM4.17.1-2b. The minimum setback of a commercial-scale renewable energy system from any residential property line shall be at least 1,500 feet.</p> <p>MM4.17.1-2c. On open space, only one renewable energy system unit per 10 acres shall be allowed. Units shall be installed with at least 240 feet separation from each other. If the units are to 50 feet in height, a maximum of two units may be installed for every 5 acres. For every additional 5 acres, one additional unit may be added not to exceed a maximum of five units and the separation between the units may be reduced to twice the height of the systems.</p> <p>MM4.17.1-2d. Renewable energy generating facilities not incorporated into the building, or part of the parking structure, or considered an accessory structure to an existing</p>

Table 2-22 Summary of Mitigation Measures	
Environmental Impact	Mitigation Measure
	<p>residence shall be prohibited in urbanized residential neighborhoods.</p> <p>MM4.17.1-2e. Residential properties less than 5 acres shall be limited to one accessory wind energy system that shall not exceed the height of the zone in which it is located.</p> <p>MM4.17.1-2f. Residential properties that are 5 acres and more shall be limited to two accessory wind energy systems that shall not exceed the height of the zone in which it is located.</p> <p>MM4.17.1-3a. All proposed energy-generating structures shall be constructed utilizing non-reflective materials to the maximum extent feasible. If a reflective material is used, appropriate shielding shall be placed or the structure relocated to reduce the amount of visible glare. The City shall review all discretionary projects prior to issuance of building permits to ensure that appropriate shielding and placement of such structures are included in design plans.</p> <p>MM4.17.1-3b. All proposed energy-generating structures in open spaces areas shall not be lighted unless required by code or regulation.</p>
Air Quality (Diesel Particulate Matter Emissions Near Metrolink Stations)	<p>MM4.17.3-1a. Transit-oriented development near the passenger rail stations shall set back all sensitive land uses (residential, daycare facilities, schools, preschools, and eldercare facilities) at least 500 feet from the nearest railroad track to reduce concentrations of air pollution, to acceptable levels.</p> <p>MM4.17.3-1b. Transit-oriented development would not be allowed in conjunction with the San Bernardino Santa Fe Depot.</p>
Cultural Resources (Historical Resources)	<p>MM4.17.5-1. Prior to activities that would physically affect buildings or structures 45 years old or older or affect their historic setting, the project applicant shall retain a cultural resource professional who meets the Secretary of the Interior’s Professional Qualifications Standards for Architectural History to determine if the project would cause a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5. The investigation shall include, as determined appropriate by the cultural resource professional and the City of San Bernardino, the appropriate archival research, including, if necessary, a records search of the Archaeological Information Center (AIC) of the California Historical Resources Information System (CHRIS) and a pedestrian survey of the proposed improvements area to determine if any significant historic-period resources would be adversely affected by the proposed Regional Plan activities. The results of the investigation shall be documented in a technical report or memorandum that identifies and evaluates any historical resources within the improvements area and includes recommendations and methods for eliminating or reducing impacts on historical resources. The technical report or memorandum shall be submitted to the City of San Bernardino for approval. As determined necessary by the City, environmental documentation (e.g., CEQA documentation) prepared for future development within the project site shall reference or incorporate the findings and recommendations of the technical report or memorandum. The project applicant shall be responsible for implementing methods for eliminating or reducing impacts on historical resources identified in the technical report or memorandum. Additional methods could include, but not be limited to, written and photographic recordation of the resource in accordance with the level of Historic American Building Survey (HABS) documentation that is appropriate to the significance (local, state, national) of the resource.</p>
City of Twentynine Palms	
Aesthetics (Scenic Vistas and Light and Glare)	<p>MM4.18.1-1a Renewable energy generating facilities shall not be located within the City of Twentynine Palms.</p> <p>MM4.18.1-2a. All proposed energy-generating structures shall be constructed utilizing non-reflective materials to the maximum extent feasible. If a reflective material is used, appropriate shielding shall be placed or the structure relocated to reduce the amount of visible glare. The City shall review all discretionary projects prior to issuance of building permits to ensure that appropriate shielding and placement of such structures are included in design plans.</p>

Table 2-22 Summary of Mitigation Measures	
<i>Environmental Impact</i>	<i>Mitigation Measure</i>
Cultural Resources (Historical Resources)	MM4.18.5-1. Prior to activities that would physically affect buildings or structures 45 years old or older or affect their historic setting, the project applicant shall retain a cultural resource professional who meets the Secretary of the Interior’s Professional Qualifications Standards for Architectural History to determine if the project would cause a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5. The investigation shall include, as determined appropriate by the cultural resource professional and the City of Twentynine Palms, the appropriate archival research, including, if necessary, a records search of the Archaeological Information Center (AIC) of the California Historical Resources Information System (CHRIS) and a pedestrian survey of the proposed improvements area to determine if any significant historic-period resources would be adversely affected by the proposed Regional Plan activities. The results of the investigation shall be documented in a technical report or memorandum that identifies and evaluates any historical resources within the improvements area and includes recommendations and methods for eliminating or reducing impacts on historical resources. The technical report or memorandum shall be submitted to the City of Twentynine Palms for approval. As determined necessary by the City, environmental documentation (e.g., CEQA documentation) prepared for future development within the project site shall reference or incorporate the findings and recommendations of the technical report or memorandum. The project applicant shall be responsible for implementing methods for eliminating or reducing impacts on historical resources identified in the technical report or memorandum. Additional methods could include, but not be limited to, written and photographic recordation of the resource in accordance with the level of Historic American Building Survey (HABS) documentation that is appropriate to the significance (local, state, national) of the resource.
City of Victorville	
Cultural Resources (Historical Resources)	MM4.19.5-1. Prior to activities that would physically affect any buildings or structures 50 years old or older or affect their historic setting, a cultural resource professional who meets the Secretary of the Interior’s Professional Qualifications Standards for Architectural History shall be retained to determine if the project would cause a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5. The investigation shall include, as determined appropriate by the cultural resource professional and the City of Victorville, the appropriate archival research, including, if necessary, a records search of the Archaeological Information Center (AIC) of the California Historical Resources Information System (CHRIS) and a pedestrian survey of the proposed improvements area to determine if any significant historic-period resources would be adversely affected by the proposed Regional Plan activities. The results of the investigation shall be documented in a technical report or memorandum that identifies and evaluates any historical resources within the improvements area and includes recommendations and methods for eliminating or reducing impacts on historical resources. Methods could include, but are not limited to, written and photographic recordation of the resource in accordance with the level of Historic American Building Survey (HABS) documentation that is appropriate to the significance (local, state, national) of the resource.
City of Yucaipa	
Cultural Resources (Historical Resources)	MM4.20.5-1. Prior to activities that would physically affect known historical resources or any buildings or structures 50 years old or older or affect their historic setting, a cultural resource professional who meets the Secretary of the Interior’s Professional Qualifications Standards for Architectural History will be consulted to determine if the proposed solar installation activities would cause a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5. The investigation shall include, as determined appropriate by the cultural resource professional and the City of Yucaipa, archival research, including, if necessary, a records search of the Archaeological Information Center (AIC) of the California Historical Resources Information System (CHRIS) and a pedestrian survey of the proposed improvements area to determine if any significant historic-period resources would be adversely affected by the proposed Regional Plan activities. The results of the investigation shall be documented in a technical report or memorandum that identifies and evaluates any historical resources within the improvements area and includes recommendations and methods for eliminating or reducing impacts on historical resources. Methods could include, but are not limited to, written and photographic recordation of the resource in accordance with the level of Historic American Building Survey (HABS) documentation that is appropriate to the significance (local, state, national) of the resource.

Table 2-22 Summary of Mitigation Measures	
<i>Environmental Impact</i>	<i>Mitigation Measure</i>
City of Yucca Valley	
Cultural Resources (Historical Resources)	MM4.21.1-1. Prior to activities that would physically affect any buildings or structures 50 years old or older or affect their historic setting, a cultural resource professional who meets the Secretary of the Interior's Professional Qualifications Standards for Architectural History shall be retained to determine if the project would cause a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5. The investigation shall include, as determined appropriate by the cultural resource professional and the Town of Yucca Valley, the appropriate archival research, including, if necessary, a records search of the Archaeological Information Center (AIC) of the California Historical Resources Information System (CHRIS) and a pedestrian survey of the proposed improvements area to determine if any significant historic-period resources would be adversely affected by the proposed Regional Reduction Plan activities. The results of the investigation shall be documented in a technical report or memorandum that identifies and evaluates any historical resources within the improvements area and includes recommendations and methods for eliminating or reducing impacts on historical resources. Methods could include, but are not limited to, written and photographic recordation of the resource in accordance with the level of Historic American Building Survey (HABS) documentation that is appropriate to the significance (local, state, national) of the resource.

CHAPTER 3 Project Description

3.1 LEAD AGENCY

San Bernardino Associated Governments (SANBAG)
Planning Department
1170 W. 3rd Street, 2nd Floor
San Bernardino, California 92410-1715

3.2 ENVIRONMENTAL SETTING

The Project is a plan for the reduction of greenhouse gas (GHG) emissions within the 21 Partnership Cities within San Bernardino County. The 21 Partnership Cities are Responsible Agencies in implementing the Project within each of their jurisdictional boundaries. As such, the Project site includes the incorporated areas of the 21 Partnership Cities scattered throughout San Bernardino County, which occupies approximately 20,100 square miles. The 21 Partnership Cities are Adelanto, Big Bear Lake, Chino, Chino Hills, Colton, Fontana, Grand Terrace, Hesperia, Highland, Loma Linda, Montclair, Needles, Ontario, Rancho Cucamonga, Redlands, Rialto, San Bernardino, Twentynine Palms, Victorville, Yucaipa, and Yucca Valley. San Bernardino County is located within Southern California (Figure 3-1 [Regional Location Map]). The 21 Partnership Cities are shown in Figure 3-2 (Project Area Map). The Partnership Cities are in the South Coast and Mojave Desert Air Basins, and the South Coast Air Quality Management District (SCAQMD) and Mojave Desert Air Quality Management District (MDAQMD) are the agencies principally responsible for comprehensive air pollution control in the Air Basins.

3.3 PROJECT OBJECTIVES

SANBAG and the Participating Cities developed the San Bernardino County Regional Greenhouse Gas Reduction Plan (Regional Reduction Plan or proposed project) to:

- Create a GHG baseline within each of the 21 Partnership Cities from which to benchmark GHG reductions.
- Prepare a future year (2020) GHG emissions forecast for each of the 21 Partnership Cities.
- Develop a tool for each of the Participating Cities to use in developing its municipal GHG emissions inventory (i.e., emissions due only to the city's municipal operations and sometimes referred to as municipal inventory) and municipal reduction plan.
- Develop feasible and cost effective GHG reduction targets and measures, and City selection of targets and measures appropriate for each Participating City. The GHG reduction measures provide the mechanisms that will reduce GHG emissions regionally and within each Participating City.
- Provide a regional plan that is consistent with and complementary to the GHG emissions reduction efforts being conducted by San Bernardino County, the State of California through the

Global Warming Solutions Act (AB 32), and the federal government through the actions of the Environmental Protection Agency.

- Develop “the basis for” community climate action plans (CAPs) for each jurisdiction meeting jurisdiction identified reduction goals.
- Provide all the technical data needed for each Participating City to establish a CAP that fulfills all the qualifications identified in CEQA Guidelines Section 15183.5 from which future development within the Participating City adopting the “qualified CAP” can tier and thereby streamline the environmental analysis necessary under CEQA.

3.4 PROJECT CHARACTERISTICS

SANBAG and the Participating Cities are committed to providing a more livable, equitable and economically vibrant community through the reduction of GHG emissions. By using energy more efficiently, harnessing renewable energy to power our buildings, recycling our waste, and enhancing access to sustainable transportation modes, SANBAG and the Participating Cities can keep dollars in our local economy, create new green jobs, and improve community quality of life. These efforts toward reducing GHG emission must be done in coordination with the Participating Cities’ land use decisions.

3.4.1 Project Design

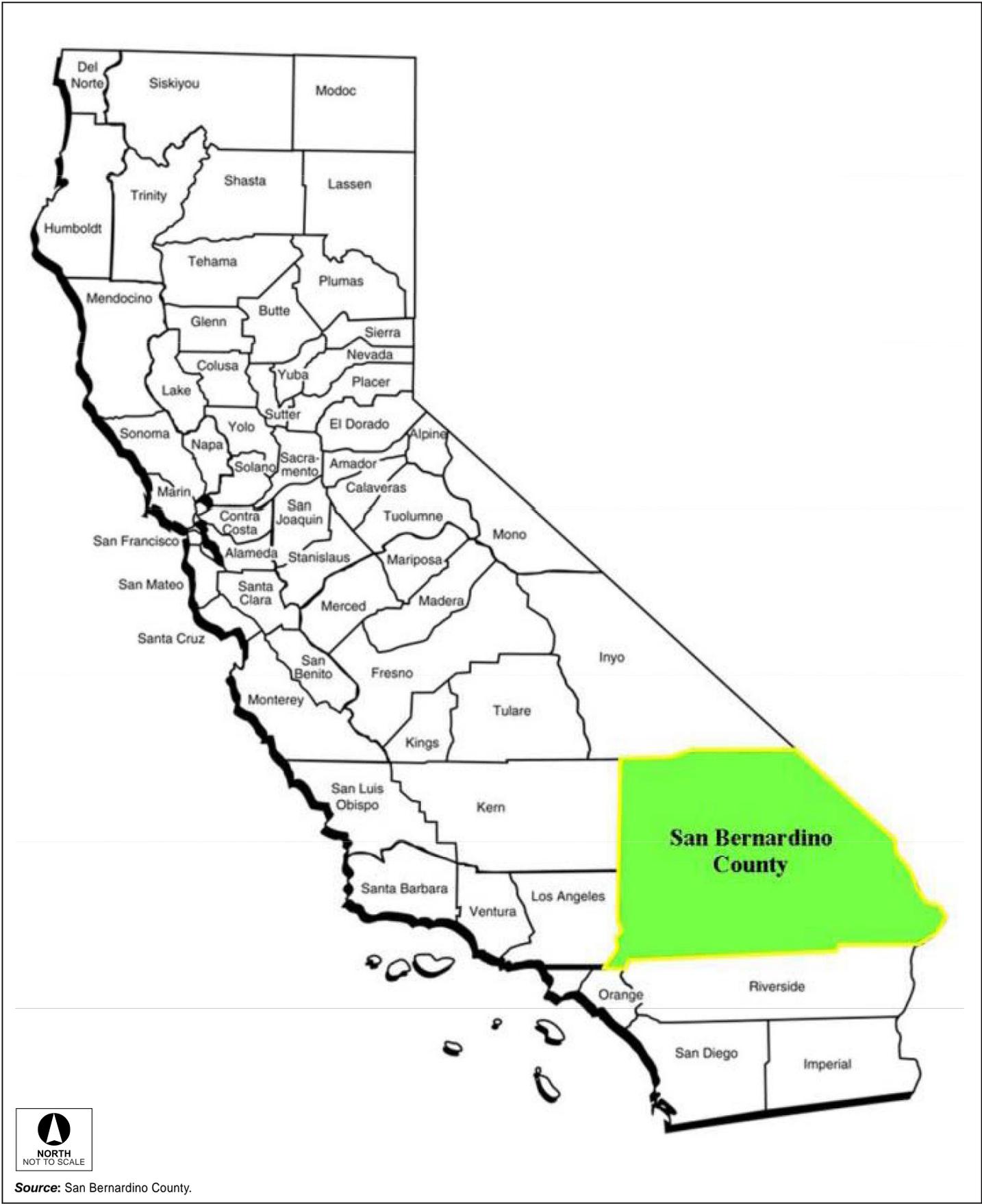
The Regional Reduction Plan was designed under the premise that SANBAG and the 21 Participating Cities and the community they represent are uniquely capable of addressing emissions associated with sources under each City’s jurisdiction. SANBAG and Participating Cities’ emission reduction efforts should coordinate with the County of San Bernardino and state strategies in order to accomplish emission reductions in an efficient and cost-effective manner.

The proposed project includes a set of baseline GHG emissions inventories, projections on future GHG emissions, and recommendations for GHG reduction strategies as a foundation for these efforts.

Implementation of the Regional Reduction Plan could result in construction of energy-generating facilities such as wind turbines and photovoltaic/solar arrays that would primarily be installed on rooftops of new or existing buildings. It is possible that some energy-generating facilities that would be considered public utility installations could be placed in other areas, subject to a conditional use permit. It could also result in energy-efficiency retrofits in residential, commercial, and industrial buildings throughout the Partnership Cities.

The Regional Reduction Plan achieves the goals and project objectives described above by providing: an analysis of GHG emissions and sources attributable to the 21 Partnership Cities; estimates on how those emissions are expected to increase; recommended policies and actions that can reduce GHG emissions to meet state targets; and a template for implementation, tracking and reporting mechanisms that can be used by the 21 Partnership Cities to measure progress toward the goals.

The State of California has set specific targets for reducing GHG emissions from the burning of fossil fuels in both power plants and vehicles by adopting various regulations. In addition, State energy



Source: San Bernardino County.

Figure 3-1
Regional Location Map

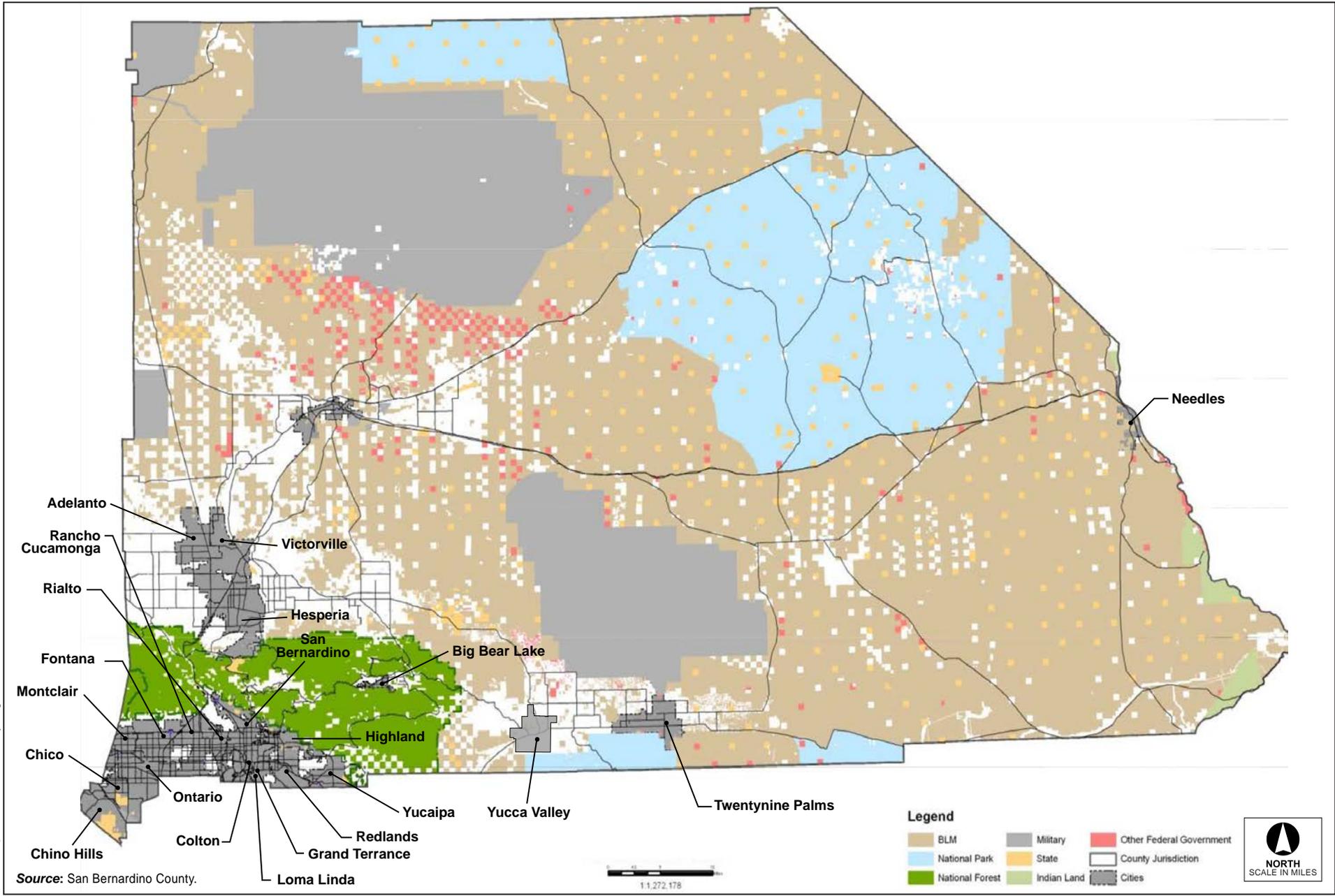


Figure 3-2
Project Area Map

efficiency and renewable requirements provide another level of reductions. In order to provide credit to the Partnership Cities for regulatory actions already taken or planned by the State of California, this Regional Reduction Plan evaluates the GHG reductions that will occur within each Partnership City as a result of these actions. These will be identified in the Regional Reduction Plan as “state-reduction measures.” The State-reduction measures are included here to show all of the anticipated reduction strategies identified in the AB 32 Scoping Plan for implementation at the State Level that will ultimately result in a reduction of GHG emissions at the Participating City level. The State measures are not administered or enforced by SANBAG or the Participating Cities, but the Participating Cities—by describing them herein—substantiates the reductions associated with these State Measures.

The County of San Bernardino has also set specific targets for reducing GHG emissions within the County through the County of San Bernardino GHG Reduction Plan. The County of San Bernardino GHG Reduction Plan includes reductions associated with methane capture systems at the County owned and operated landfills that have relevance to reducing GHG emissions associated with solid waste within some of the Participating Cities. This measure is identified as “County-1” in the Regional Reduction Plan. The County measure is not administered or enforced by SANBAG or the Participating Cities, but the Participating Cities—by describing them herein—substantiates the reductions associated with the County-1 measure.

The remaining reduction measures are local measures that will be incorporated at the City level by SANBAG and the Participating Cities to provide additional reductions in GHG emissions. These City level measures are identified by the sector of GHG emissions they reduce. As an example, a measure that reduces City-level GHG emissions by improving the energy efficiency of existing buildings is labeled “Energy-1.” Participating Cities that adopt Tier 1 Voluntary CALGreen Standards for water conservation in new buildings is identified as “Water-1,” reduced on-road transportation emissions through local land use implementation of the Southern California Association of Governments (SCAG) Sustainable Communities Strategy (SCS) is identified as “Transportation-1,” reduced construction equipment emissions is identified as “Off-Road-1,” waste diversion is identified as “Waste-1,” and so forth through the emission sources.

The CEQA guidelines support projects that lower the carbon footprint of new development, and encourage programmatic mitigation strategies that may include reliance on adopted regional blueprint plans, CAPs, and regional GHG reduction plans that meet regional and local GHG emissions targets and that have also undergone CEQA review. The criteria needed to use adopted plans in evaluating impacts of GHG emissions from subsequent development projects is found in CEQA Guidelines Section 15183.5. Once a Participating City includes additional sections that show how that City will implement the reduction measures, monitor progress, update their plan as needed to ensure successfully meeting the reduction target, and adopt the plan as a “qualified” CAP for that City, the adopted CAP fulfills these requirements. The City is responsible for ensuring that new projects conform to these guidelines and meet the goals and requirements outlined in the CAP.

3.4.2 Reduction Targets

The Purpose of the Regional Reduction Plan is to reduce GHG emissions within the region that is complementary to, and consistent with, GHG emission reduction planning in the Statewide AB-32

Scoping Plan; regional GHG emissions reduction planning implemented by SCAG through the Sustainable Communities Strategy and San Bernardino County through the San Bernardino County GHG Reduction Plan; and local GHG emission reduction planning within Climate Action Plans either adopted or proposed by the Participating Cities. To provide consistency and complement these statewide, regional, and efforts, The Participating Cities set Reduction Targets. The Reduction Targets are as follows:

Reduction Target	Number of Participating Cities
15% below 2008 level of Emissions by 2020	12 Cities have chosen this target
30% below 2020 BAU Level of Emissions by 2020	2 Cities have chosen this target
29% below 2020 BAU Level of Emissions by 2020	2 Cities have chosen this target
27% below 2020 BAU Level of Emissions by 2020	1 City has chosen this target
26% below 2020 BAU Level of Emissions by 2020	1 City has chosen this target
22% below 2020 BAU Level of Emissions by 2020	1 City has chosen this target
20% below 2020 BAU Level of Emissions by 2020	2 Cities have chosen this target

SOURCE: San Bernardino County Regional GHG Reduction Plan (2013).

In order for California to meet the goals of AB 32, statewide GHG emissions will need to be reduced back to 1990 levels by 2020. To be consistent with the goals of AB 32, the Regional Reduction Plan would also need to achieve the same GHG emission reduction target.

In the AB 32 Scoping Plan, CARB equated a return to 1990 levels to a 15 percent reduction from “current” levels. CARB states, “... ARB recommended a greenhouse gas reduction goal for local governments of 15 percent below today’s levels by 2020 to ensure that their municipal and community-wide emissions match the state’s reduction target” (CARB 2008). The reduction target calculated in the Scoping Plan was based on an inventory of the state’s 2004 GHG emissions (then considered to be “current” levels); these emissions represent a high-point in the economy before the economic recession. For the Regional Reduction Plan, the reduction target is based on a 2008 baseline GHG emissions inventory. By using 2008 as a baseline, the Regional Reduction Plan is consistent with the CARB in using an inventory target that is based on pre-recession conditions. Consistent with this rationale, twelve of the Participating Cities have chosen 15% below 2008 levels of emissions by 2020 as their Reduction Target.

However, some of the Participating Cities have chosen a reduction target that is tied to the predicted 2020 business as usual scenario. The primary reason for tying the reduction target to a predicted 2020 inventory is to be consistent with their current or proposed Climate Action Plan. The AB 32, Scoping Plan published in 2008 projected statewide GHG emissions to increase to 596 million metric tons (MMT) of CO₂e by 2020. This projected level of emissions is known as the 2020 business as usual (BAU) forecast and requires a reduction of approximately 29% of the 2020 BAU to achieve 1990 levels of emissions by 2020. The 2020 BAU forecast in the AB 32 Scoping Plan (2008) was based upon growth projections within the different economic sectors associated with GHG emission sources. Consistent with the 2008 AB-32 Scoping Plan, four jurisdictions have chosen to reduce the 2020 BAU forecasts by 29% or more as their Reduction Target. Again, the primary reason for choosing this reduction target is

based upon consistency with adopted Climate Action Plans or adopted commitments in General Plan Policies to draft a Climate Action Plan with this reduction target.

In 2011 the CARB adopted the Final Supplement to the AB 32 Scoping Plan Functional Equivalent Document (2011). In the Final Supplement, CARB updated the 2020 BAU based on revised growth projections and considering the influence of the recent recession and reduction measures that are already in place. Based upon revised growth projections only, statewide emissions would need to be reduced approximately 20% from the Updated 2020 BAU. Taking into account current regulations that reduce GHG emissions, the Final Supplement to the AB 32 Scoping Plan concluded that the 2020 BAU updated to reflect revised growth rates and adjusted to reflect GHG reductions currently in place would need to be reduced by approximately 16% to achieve 1990 levels of emissions by 2020. Since the Regional Reduction Plan looks at 2020 BAU without adjustment from existing regulations, five Participating Cities have committed to a reduction target between 20% and 27% below 2020 BAU emissions. Again, the primary reason these cities have chosen these levels of reductions is in order to be consistent with adopted Climate Action Plans, General Plan Policies, and/or other commitments the cities have made in efforts to reduce GHG emissions.

3.4.3 Reduction Measures

The Purpose of the Regional Reduction Plan is to reduce GHG emissions within the region. To fulfill that purpose, the Partnership has developed the following reduction measures that will reduce GHG emissions associated with emission sources within the Partnership Cities and its regional (or countywide) activities as a whole.

To reduce GHG emissions within the region, the Regional Reduction Plan includes reductions from both existing and new sources of emissions.

Reduction measures focused on new sources of emissions such as Energy-3: Green Building Ordinance for New Buildings rely upon the Partnership Cities' land use approval authority to implement.

Reduction measures focused on existing sources, such as Energy-1: Promote Energy Efficiency for Existing Buildings rely upon voluntary programs. These voluntary programs are an important component of the Regional Reduction Plan and needed in order to retrofit existing buildings and reduce emissions from these existing sources. Where voluntary programs to reduce emissions from existing sources occur, data on past participation in the voluntary programs or similar voluntary programs is used to predict future participation. The prediction of future participation is used in quantifying the reductions that will come from these voluntary programs. It is the responsibility of the Partnership Cities choosing these voluntary programs as reduction measures within their jurisdiction to promote and highlight to the public the benefits of the voluntary programs which include cost rebate programs to offset the cost of the retrofits offered by SCE and other utilities and the long-term lowering of utility bills resulting from the retrofits. Promoting the voluntary programs should increase participation in these programs. Therefore, the estimated level of participation calculated in the Regional Reduction Plan is conservative. Actual participation in these programs is likely to be higher than calculated.

A summary of the reduction measures chosen by each Partnership City, the GHG emissions reduction quantification and comparison to reduction targets are in Chapter 3 of the Regional Reduction Plan. A

detailed description of all the reduction measures is provided in Chapter 4 of the Regional Reduction Plan. Appendix A of the Regional Reduction Plan provides quantitative details on the GHG emission inventories including the anticipated reductions (2020 Reduced) associated with the reduction measures. Appendix B and C of the Regional Reduction Plan provides detailed Cost analysis and savings of the reduction measures.

These reduction measures are summarized below:

■ Energy-Related Reduction Measures

Energy-1: Promote Energy Efficiency for Existing Buildings

Measure Description: Promote energy efficiency in existing residential buildings and commercial buildings, and remove funding barriers to energy-efficiency improvements. The following implementation strategies can be used to help achieve these goals:

- Promote energy efficiency in *residential* buildings:
 - > Implement a low-income weatherization program.
 - > Partner with community services agencies, utilities, nonprofits, and other entities to incentivize energy-efficiency projects, including HVAC, lighting, water heating equipment, insulation, and weatherization for low income residents. Residential energy-efficiency projects can be financed through programs such as PACE or California First, which allow property owners to finance improvements that are repaid through an assessment on their property taxes for up to 20 years. Incentives, such as those available from California Energy Upgrade, can also assist. These and similar programs are often administered through the participating local government entity.
 - > Launch energy-efficiency campaigns targeted at residents. Provide public education on the need for energy efficiency and emissions reduction programs and incentives.
 - > Promote Smart Grid.
- Promote energy efficiency in *commercial* buildings:
 - > Incentivize schedule energy-efficiency “tune-ups” of existing buildings. Energy audit and tune-up programs are typically run by the local utility. Cities would work with utilities to take advantage of energy audit programs for municipal buildings and promote awareness of these programs for private commercial buildings.
 - > Promote individualized energy management services for large energy users. Cities would work with utilities to take advantage of energy audit programs for municipal buildings and promote awareness of these programs for private commercial buildings.
 - > Partner with utilities to leverage the Savings by Design incentive program for commercial projects. Savings by Design incentive requires 10 percent better than Title 24 standards in order to qualify; up to \$200K in performance rebates per project are available.
- Remove funding barriers to energy-efficiency improvements. For example, leverage federal tax credits or local rebates, such as those offered by Southern California Edison. Participate in programs (national, state, or regional) that provide innovative, low-interest financing for energy-efficiency and alternative energy projects. Promote incentives to encourage the use of energy-

efficient equipment and lighting. Provide financial incentives for adoption of identified efficiency measures.

- > Launch energy-efficiency campaigns targeted at business. Provide public education on the need for energy efficiency and emissions reduction programs and incentives. Outreach programs can be sponsored by individual cities or by a regionwide consortium.
- > Remove funding barriers to energy-efficiency improvements. For example, leverage federal tax credits or local rebates, such as those offered by Southern California Edison. Identify funding sources to assist affordable housing managers in incorporating energy-efficient designs and features.
- Participate in PACE programs such as California First or similar, as feasible. These programs allow property owners to finance improvements that are repaid through an assessment on their property taxes for up to 20 years. These and similar programs are often administered through the participating local government entity.

Entity Responsible for Implementation: This measure would be implemented by individual city governments and in part by utilities. It would also involve collaboration between cities (sub-regional implementation).

Measure Implementation Details: SANBAG is supporting potential PACE-style funding district development in San Bernardino for interested cities. To implement this measure, the city governments can leverage external funding sources, develop educational campaigns, and other strategies outlined in the measure description. Implementation of this measure would be gradual through 2020 as residents change their energy consumption behavior and as existing buildings undergo energy-efficiency improvements. Implementation would vary by city.

Level of Commitment: The cities selecting this measure would retrofit a portion of existing homes and nonresidential buildings by 2020 based on their selected levels of commitment.

Co-Benefits: Reduced energy use, reduced air pollution increased property values, public health improvements, and increased quality of life.

Energy-2: Outdoor Lighting

Measure Description: Adopt outdoor lighting standards in the zoning ordinance to reduce electricity consumption above and beyond the requirements of AB 1109. This could be achieved by requiring 50 percent of outdoor lighting fixtures to use LED bulbs and 100 percent of traffic signals to use LED bulbs by 2020 (California Air Pollution Control Officers Association 2009 and 2010; California Attorney General's Office 2010). The lighting standards could also include the following provisions:

- Encourage lighting along the urban-rural edge, not to exceed one-half the current maximum lighting standard.
- Prohibit continuous all night outdoor lighting in parks, sport facilities, construction sites, and other relevant areas (unless it compromises safety).
- Implement or exceed CALGreen's nonresidential voluntary mandatory measures related to outdoor lighting controls and equipment (Section A5.209.3) and outdoor lighting

(Section A5.209.4), (i.e., achieve CALGreen Tier 1 lighting standards or otherwise demonstrate that energy efficiency of lighting fixtures exceeds mandatory Title 24 by a minimum 15 percent).

Entity Responsible for Implementation: The individual city governments are responsible for implementing this measure.

Measure Implementation Details: To implement this measure, the city governments can adopt outdoor lighting standards in their zoning ordinances. Implementation would be gradual through 2020 as an increasing number of outdoor lighting fixtures are replaced with energy-efficient fixtures.

Level of Commitment: Each city selecting this measure would require 50 percent of all residential outdoor lighting to be CFL lights, 50 percent of all commercial outdoor lighting to be halogen/LED lights, and 100 percent of all traffic signals to be LED lights.

Co-Benefits: Reduced energy use, reduced air pollution, increased property values, and increased quality of life.

Energy-3: Green Building Ordinance for New Buildings

Measure Description: Adopt a green building ordinance that exceeds Title 24 standards (or any subsequent standards that replace the current Title 24 standards) by achieving at least Tier 1 voluntary standards within CALGreen (California Air Pollution Control Officers Association 2010; California Attorney General's Office 2010). Tier 1 and 2 measures are not mandatory unless adopted by cities as part of the code. Residential voluntary measures related to energy efficiency in Tier 1 and Tier 2 include the following:

- Use of exterior window shading (A4.205.2)
- Use of innovative HVAC systems such as radiant, hydronic, ground source, or others (A4.207.1)
- Use of Energy Star® rated appliances (A4.210.1)
- Use of electric heat pumps with Heating Seasonal Performance Factor of 8.0 or higher (A4.207.6)
- Solar water heating systems (A4.211.2)
- Duct leakage and location requirements (A4.207.8 and A4.207.7)

Entity Responsible for Implementation: The individual city governments are responsible for implementing this measure.

Measure Implementation Details: The city governments can each adopt a green building ordinance. This measure would be implemented when each city adopts an ordinance. Benefits from the measure would be gradual as new houses are constructed according to the ordinance. SCE has programs and incentive funding, such as rebates, for energy efficient appliances, lighting, heating, and home energy performance.

Level of Commitment: Each city selecting this measure would require new buildings to exceed Title 24 standards (or any subsequent standards that replaces the current Title 24 standards) by 15 percent in 2020 (CALGreen Tier 1).

Co-Benefits: Reduced energy use, reduced air pollution, resource conservation, increased property values, public health improvement, and increased quality of life.

Energy-4: Solar Installation in New Housing Developments

Measure Description: Establish a goal for solar installations on new homes to be achieved before 2020 (California Air Pollution Control Officers Association 2009, 2010). Potential goals might be:

- Aggressive—50 percent of new units have solar installations
- Medium—25 percent of new units have solar installations
- Low commitment—10 percent of new units have solar installations

The selected goal could be achieved in part through programs such as the California Energy Commission's New Solar Homes Partnership (this program provides rebates to developers of six units or more who offer solar power in 50 percent of new units). Other, similar programs with solar power requirements equal to or greater than those of the California Energy Commission's New Solar Homes Partnership could also be accessed, including private funding from SunRun, SolarCity, or other solar lease Power Purchase Agreements (PPAs). Additionally, nonfinancial incentives and streamlined permitting at the local level can support this goal. The cities may also act as resources for connecting project proponents with funding opportunities. This measure could complement voluntary CALGreen measures related to solar photovoltaic systems.

Entity Responsible for Implementation: The individual city governments, in coordination with external funding programs and/or private companies, are responsible for implementing this measure.

Measure Implementation Details: To implement this measure, the city governments can work with residential developers, state funding programs, and private companies to provide funding for solar energy projects. Implementation of this measure would be gradual through 2020 as new housing developments are constructed and equipped with solar installations.

Level of Commitment: Each city selecting this measure would require a certain percentage of new single-family homes to install solar.

Co-Benefits: Reduced air pollution, waste reduction, energy diversity and security, reduced price volatility, economic development, public health improvements, and increased property values.

Energy-5: Solar Installation for New Commercial/Industrial Development

Measure Description: Establish a goal for solar installations on new commercial and industrial development to be achieved before 2020 (California Air Pollution Control Officers Association 2009, 2010). Potential goals might be:

- Aggressive—30 percent of energy requirements for new development supplied with onsite or offsite renewable power
- Medium—15 percent of energy requirements for new development supplied with onsite or offsite renewable power

- Low commitment—5 percent of energy requirements for new development supplied with onsite or offsite renewable power

These goals could be supported through nonfinancial incentives or streamlined permitting through the cities. Primary funding would likely be through state- or utility-level programs or through private funding such as a PPA. Cities may also act as a resource for connecting project proponents with funding opportunities.

Entity Responsible for Implementation: The individual city governments, in coordination with various private companies, are responsible for implementing this measure.

Measure Implementation Details: To implement this measure, the city governments can work with private companies to provide funding for solar energy projects. Implementation of this measure would be gradual through 2020 as new commercial and industrial developments are constructed and equipped with solar installations.

Level of Commitment: Each city selecting this measure would require new commercial/industrial buildings to install solar to provide a minimum percentage of the building's onsite energy needs.

Co-Benefits: Reduced air pollution, waste reduction, energy diversity and security, reduced price volatility, economic development, public health improvements, and increased property values.

Energy-6: Onsite Solar Energy for New and Existing Warehouse Space

Measure Description: Promote and incentivize solar installations on existing and new warehouse space through partnerships with SCE and other private sector funding sources including SunRun, SolarCity, and other solar lease or PPA companies. Establish a goal that all new warehousing projects install solar to provide a minimum of 25 percent of the project's new onsite energy needs and that all existing warehousing install solar to offset 25 percent of power needs with solar. This goal could be supported through nonfinancial incentives or streamlined permitting. Cities may also act as a resource for connecting project proponents with funding opportunities.

Entity Responsible for Implementation: The individual city governments, in coordination with various private companies, are responsible for implementing this measure.

Measure Implementation Details: To implement this measure, the city governments can work with private companies and utilities to provide funding for solar energy projects. Implement of this measure would be gradual through 2020 as new warehouse spaces are constructed and equipped with solar installations and existing warehouse spaces are retrofitted.

Level of Commitment: Each city selecting this measure would require a percentage of new and incentivize a percentage of existing warehouses to install solar to provide a minimum of 25 percent of the building's onsite energy needs.

Co-Benefits: Reduced air pollution, waste reduction, energy diversity and security, reduced price volatility, economic development, public health improvements, and increased property values

Energy-7: Solar Installation for Existing Housing

Measure Description: Establish a goal for solar installations on existing commercial and industrial development to be achieved before 2020 (California Air Pollution Control Officers Association 2009, 2010) Potential goals might be:

- Aggressive—30 percent of energy requirements for existing development supplied with onsite or offsite renewable power
- Medium—20 percent of energy requirements for existing development supplied with onsite or offsite renewable power
- Low commitment—10 percent of energy requirements for existing development supplied with onsite or offsite renewable power

These goals could be supported through nonfinancial incentives or streamlined permitting through the cities. Primary funding would likely be through state- or utility-level programs or through private funding such as a PPA. Cities may also act as a resource for connecting project proponents with funding opportunities.

Entity Responsible for Implementation: The individual city governments, in coordination with various private companies, are responsible for implementing this measure.

Measure Implementation Details: To implement this measure, the city governments can work with private companies to provide funding for solar energy projects. Implementation of this measure would be gradual through 2020 as new commercial and industrial developments are constructed and equipped with solar installations.

Level of Commitment: Each city selecting this measure would incentivize and support a certain percentage of existing single-family homes to install solar.

Co-Benefits: Reduced air pollution, waste reduction, energy diversity and security, reduced price volatility, economic development, public health improvements, and increased property values.

Energy-9: Solar Installation for Existing Commercial/Industrial Buildings

Measure Description: Establish a goal for solar installations on existing commercial/industrial buildings to be achieved before 2020 (California Air Pollution Control Officers Association 2009, 2010) Potential goals might be:

- Aggressive—30 percent of existing buildings have solar installations
- Medium—20 percent of existing buildings have solar installations
- Low commitment—10 percent of existing buildings have solar installations
- The selected goal could be achieved in part through private funding from SunRun, SolarCity, or other solar lease PPAs. Additionally, nonfinancial incentives and streamlined permitting at the local level can support this goal. The cities may also act as resources for connecting property owners with funding opportunities. This measure could complement voluntary CALGreen measures related to solar photovoltaic systems.

Entity Responsible for Implementation: The individual city governments, in coordination with external funding programs and/or private companies, are responsible for implementing this measure.

Measure Implementation Details: To implement this measure, the city governments can work with building owners, state funding programs, and private companies to provide funding for solar energy projects. Implementation of this measure would be gradual through 2020 as solar is installed on existing buildings.

Level of Commitment: Each city selecting this measure would incentivize a certain percentage of existing commercial and industrial buildings to install solar to provide a minimum of 15 percent of the building's onsite energy needs.

Co-Benefits: Reduced air pollution, waste reduction, energy diversity and security, reduced price volatility, economic development, public health improvements, and increased property values.

Energy-8: Co-Generation Facilities

Measure Description: Co-generation facilities simultaneously generate electricity and useful heat. They are typically used in district heating systems. As feasible, encourage co-generation facilities to supply 15 percent of building energy in new commercial and industrial facilities greater than 100,000 square feet (California Air Pollution Control Officers Association 2010; California Attorney General's Office 2010). Example facilities are university campuses or large medical centers.

Entity Responsible for Implementation: The individual city governments, in coordination with cogeneration facilities, are responsible for implementing this measure.

Measure Implementation Details: The city governments can coordinate with the co-generation facilities to encourage incremental increases in their contributions to building energy in commercial and industrial facilities. Implementation of this measure would be gradual through 2020 as building energy is increasingly provided by co-generation facilities.

Level of Commitment: Each city selecting this measure would have to require a minimum of 15 percent of new commercial electricity consumption be supplied by co-generation facilities by 2020.

Co-Benefits: Reduced energy use, reduced air pollution, and energy diversity and security.

■ On-Road Transportation-Related Reduction Measures

On-Road-1: Sustainable Communities Strategy (Regional)

Measure Description: SB 375 provides for a new planning process that coordinates land use planning, regional transportation plans, and funding priorities in order to help California meet the GHG reduction goals established in AB 32. While Pavley and LCFS seek to reduce fuel consumed and reduce the carbon content of fuel consumed, SB 375 seeks to reduce VMT through land use planning. SB 375 requires regional transportation plans, developed by MPOs to incorporate an SCS in their RTPs. The goal of the SCS is to reduce regional VMT through land use planning and associated transportation patterns. SB 375 also includes provisions for streamlined CEQA review for some infill projects such as transit-oriented development. The regional GHG reduction target for SCAG is 8 percent by 2020 and 13 percent by

2035, compared to 2005 GHG emissions on a per capita basis. SCAG's 2012–2035 RTP/SCS, if fully implemented would successfully achieve the targets set by CARB.

Entity Responsible for Implementation: The Partnership cities and SCAG are responsible for implementing this measure. SANBAG plays a supporting role in enabling transportation improvements, such as extension of the Metrolink line to Redlands and Bus Rapid Transit improvements in San Bernardino County.

Measure Implementation Details: Each city would need to determine which strategies would be implemented in its jurisdiction. Implementation of this measure would also require coordination between multiple entities (such as on transit improvements) and would be gradual through 2020 (and would continue beyond 2020).

Level of Commitment: This measure depends on the degree to which each city decides to implement the land use planning strategies of SCAG's 2012 RTP/SCS. The SCS is not a mandatory land use plan and thus local cities, as the land use authority, have choices of which strategies to follow in their land use planning. This measure would have different effectiveness in each city, depending on what actions are feasible and selected. Cities choosing this measure would need to implement strategies similar to those included in the SCS, such as transit oriented development, infill housing, mixed use development, and public transit expansion, for example. No city would likely be able to implement all strategies. This measure allows for flexibility in how the cities participate in the SCS. Cities may be able to implement the SCS strategies partially, but perhaps not to the full degree called for in the SCS. Some strategies contained within the SCS are presented in the following section.

Co-Benefits: Reduced energy use, reduced air pollution, public health improvements, energy security, increased quality of life, and smart growth.

Specific Local Measure Options Consistent with the SCS

The following measures are consistent with the strategies included in the SCS. They are included below because they represent individual transportation measures that the cities can implement as part of the SCS.

On-Road-1.1: Improve Transit Travel Time and Connectivity (Regional)

Measure Description: To the extent feasible, reduce transit passenger travel time through reduced headways and increased speed. In addition, improve intermodal connectivity among transit systems. These goals could be pursued in connection with, and in addition to, adoption of SANBAG's LRTP.

On-Road-1.2: Other Transit Improvements (Regional)

Measure Description: Work with local and regional transit agencies to secure the following services. Additional Bus Rapid Transit routes, and other transit choices such as shuttles and rail, beyond what is outlined in the SANBAG LRTP:

- Convenient feeder service from multimodal transit center to downtown employment centers
- Regionwide bus/transit passes

- Park-and-ride lots
- New opportunities to finance further transit service for the elderly, handicapped, and recreational purposes
- Shuttle service to transport facilities (e.g., park-and-ride lots)
- Idling limits for transit fleets

On-Road-1.3: Public Transit Funding (Regional)

Measure Description: Collaborate with a broad range of agencies and organizations to improve and expand funding for public transit infrastructure and operations.

On-Road-1.4: Adopt Land Use Patterns to Favor Transit-Oriented Development (Local Regional)

Measure Description: This strategy would involve changes to local general plans to further prioritize transit-oriented development along existing and planned transit facilities. This strategy could build on one of the alternatives considered in the LRTP alternative, which redistributes population and employment growth to transit corridors, and promotes transit oriented development at station areas.

On-Road-1.5: Nonmotorized Zones (Local)

Measure Description: Create urban nonmotorized zones in downtown areas where feasible. Consider establishing a goal for conversion of downtown roadway miles to transit, linear parks, or other nonmotorized zones (California Air Pollution Control Officers Association 2010) and provide for the following services.

- Monitor traffic and congestion to determine roadways that should be targeted for improvements.
- Evaluate potential efficiency gains from further signal synchronization. Synchronize traffic signals throughout the city and with adjoining cities while allowing free flow of mass transit systems. Require continuous maintenance of the synchronization system.
- Allow for more-efficient bus operation, including possible signal preemption, and expand signal timing programs where air quality benefits can be demonstrated.

On-Road-1.6: Traffic Calming (Local)

Measure Description: Provide traffic calming measures to encourage people to walk or bike instead of using a vehicle.

On-Road-1.7: Traffic Signal Synchronization (Local)

Measure Description: Improve travel speed by enhanced signal synchronization.

On-Road-1.8: Parking Policy (Local)

Measure Description: As part of the parking policy, consider designating a percentage of downtown parking spaces for ride-sharing vehicles, while reducing the available downtown parking spaces for

private vehicles (California Air Pollution Control Officers Association 2009, 2010) (Supporting General Plan policies: Trans-4). The following implementation strategies can be used to help achieve these goals.

- Use parking pricing to discourage private vehicle use, especially at peak times.
- Create parking benefit districts, which invest meter revenues in pedestrian infrastructure and other public amenities. Parking districts should be encouraged throughout the county, but they should be concentrated in high traffic areas, including downtowns.
- Provide convenient pathways through parking for pedestrians; provide shade trees for parking.
- Encourage larger parking spaces to accommodate vans used for ride-sharing, as well as adequate passenger loading and waiting areas.

On-Road-1.9: Trip Reduction Ordinance (Local)

Measure Description: Implement a voluntary trip reduction ordinance that promotes the preparation and implementation of a trip reduction plan (TRP) for large employers (100 employees or more). Possible performance targets for the TRPs could be a reduction of the vehicle trips per employee by 15 percent in 5 years and 25 percent in 10 years (California Air Pollution Control Officers Association 2010). The TRP could also consider:

- Limiting the hours when deliveries can be made to off-peak hours in high traffic areas
- Conducting annual employee commute surveys to help inform trip reduction goals and focus implementation strategies

On-Road-1.10: Employer Provided Fringe Benefits (Local)

Measure Description: Encourage use of telecommuting and alternative work schedules for employees. Encourage other employer benefits to reduce VMT, including a Guaranteed Ride Home Program.

On-Road-1.11: Pedestrian Bicycle Lanes (Local/Regional)

Measure Description: Create bicycle lanes directed to the location of schools and major employment districts.

On-Road-1.12: Pedestrian and Bicycle Network Improvements (Local/Regional)

Measure Description: Provide improvement to the existing pedestrian and bicycle network as follows:

- Encourage the development of bicycle stations, attended parking, and other attended bicycle parking support facilities at intermodal hubs.
- Establish a network of multiuse trails to facilitate safe and direct off-street bicycle and pedestrian travel. Provide bike racks along these trails at secure, lighted locations.
- Evaluate and consider free bicycles for public use and/or charge a nominal fee for their use.
- Amend or implement a development code to include standards for provision of safe pedestrian and bicyclist accommodations, including “Complete Streets” policies that foster equal access by all users, including pedestrians and bicyclists. Include standards in the design of roadways. As appropriate, require new development and redevelopment projects to address bicycle and pedestrian access internally and to other areas through easements; safe access to public

transportation and construction of paths that connect with other nonmotorized routes; and safe road crossings at major intersections for school children and seniors.

- Apply for regional, state, and federal grants for bicycle and pedestrian infrastructure projects. Consider using state gas tax subventions, sales tax funds, other funding sources, and development exactions/impact fees to provide bicycle and pedestrian facilities.
- Prohibit projects that impede bicycle and walking access, e.g., large parking areas that cannot be crossed by nonmotorized vehicles, and new residential communities that block through-access on existing or potential bicycle and pedestrian routes.
- Develop and implement a bicycle safety education program to teach drivers and bike riders the laws, riding protocols, routes, safety tips, and emergency maneuvers to increase confidence, safety, and frequency of use for new and existing bike riders.

On-Road-1.13: Alternative Fuel Infrastructure (Local/Regional)

Measure Description: Promote the necessary facilities and infrastructure to encourage the use of privately owned low- or zero-emission vehicles such as electric vehicle charging facilities and conveniently locate alternative fueling stations. Convert public transit, street sweeping, and refuse fleets to alternative fuels and provide supporting infrastructure. Examine the use of smaller, more fuel-efficient taxicabs and offering incentives to taxicab owners to use gas-electric hybrid vehicles.

On-Road-1.14: School Programs and Outreach (Local)

Measure Description: Collaborate with local public schools districts to expand school bus services and routes. Encourage ridesharing programs in private schools to match parents by geographical location for student transport including the following:

- Continue to provide public education and information about options for reducing motor vehicle-related GHG emissions. Include information on trip reduction; trip linking; public transit; biking and walking; vehicle performance and efficiency (e.g., keeping tires inflated); low- or zero-emission vehicles; and car and ride sharing.

On-Road-2: “Smart Bus” Technology (Regional)

Measure Description: Collaborate with Omnitrans to implement “Smart Bus” technology, global positioning system (GPS), and electronic displays at all transit stops by 2020 to provide customers with “real-time” arrival and departure time information (California Air Pollution Control Officers Association 2009). Smart Bus Technologies include Automatic Vehicle Location (AVL) systems and real-time passenger information at bus stations. Omnitrans plans to implement these technologies systemwide on all bus routes serving San Bernardino Valley (Omnitrans service area) to enable information sharing, enhance rider services, and attract potential riders. The AVL system has already been implemented. The Bus Arrival Prediction Information System (BAPIS) would be installed in two phases. In Phase I, real-time rider information would be available via text messaging, Quick Response (QR), website, Interactive Voice Response (IVR), and mobile phone devices. Completed implementation is slated for December 2012. In Phase II, Omnitrans will install electronic signs at all major transit hubs and provide General Transit Feed Specification (GTFS) data to the general public to build apps for mobile devices like smartphones and tablet computers. Phase II completion is slated for December 2013. GHG emissions

are expected to decrease because the AVL technologies could lead to more fuel-efficient bus operations for Omnitrans and the BAPIS technologies could potentially attract more transit riders who may switch modes from automobiles. Omnitrans' Demand Response Services, OmniLink and Access, do not operate on a fixed schedule or route and are not included in this analysis.

Entity Responsible for Implementation: Omnitrans is primarily responsible for this measure. The Partnership cities and individual city governments would coordinate with Omnitrans as appropriate.

Measure Implementation Details: To implement this measure, the Partnership cities would coordinate with Omnitrans in the region to utilize "Smart Bus" and similar technology. Implementation of this measure would most likely be achieved in increments as the technology is expanded throughout the region.

Level of Commitment: Omnitrans plans to implement these technologies systemwide on all bus routes serving San Bernardino Valley. Therefore, no local action is required from the cities.

Co-Benefits: Reduced air pollution, public health improvements, and increased quality of life.

■ Off-Road Equipment-Related Reduction Measures

Off-Road Equipment-1: Construction Equipment

Measure Description: Establish a goal such that a percentage of construction equipment utilizes electric equipment (California Air Pollution Control Officers Association 2010). Potential goals might be to require 5 to 25 percent of equipment on annual projects occurring within the cities to be electrically-powered. Achieving the goal would require close coordination with the air district that sets air quality related requirements on construction vehicles and also provides mitigation options related to construction vehicles through Voluntary Emission Reduction Agreement (VERA) programs, which may overlap with this measure.

Entity Responsible for Implementation: Partnership cities, SCAQMD, and the Mojave Desert Air Quality Management District could all share in implementing this measure.

Measure Implementation Details: Because the air districts sometimes have mitigation programs for air quality that focus on construction equipment and sometimes have funding to assist with equipment swap-out, cities choosing this measure would benefit from coordinating with the air districts in implementing this measure. Once the goals are adopted, implementation of this measure would be complete, and benefits would be achieved.

Level of Commitment: Cities choosing this measure have identified goals of between 10 and 30 percent of construction equipment for this measure.

Co-Benefits: Reduced air pollution, public health improvements, and increased quality of life.

Off-Road Equipment-2: Idling Ordinance

Measure Description: Adopt an ordinance that limits idling time for heavy-duty construction equipment beyond CARB or local air district regulations and if not already required as part of CEQA

mitigation. Recommended idling limit is 3 minutes (California Air Pollution Control Officers Association 2010). As part of permitting requirements or city contracts, encourage contractors to submit a construction vehicle management plan that includes such things as idling time requirements; requiring hour meters on equipment; and documenting the serial number, horsepower, age, and fuel of all onsite equipment. California state law currently requires all off-road equipment fleets to limit idling to no more than 5 minutes.

Entity Responsible for Implementation: The individual city governments are responsible for implementing this measure.

Measure Implementation Details: The city governments can adopt ordinances restricting idling time. Implementation of this measure would be a one-time action. Once the ordinance is adopted, the measure would begin to yield benefits.

Level of Commitment: Each city choosing this measure would have to adopt an ordinance that limits idling time for heavy-duty construction equipment to 3 minutes.

Co-Benefits: Reduced energy use, reduced air pollution, and public health improvements.

Off-Road Equipment-3: Landscaping Equipment

Measure Description: Adopt an ordinance that reduces gasoline-powered landscaping equipment use and/or reduces the number and operating time of such equipment. Require 75 percent of the cities' landscaping equipment be electric by 2020 and 100 percent by 2030 (California Air Pollution Control Officers Association 2010). Cities would work in close cooperation with the air district in drafting an ordinance or developing outreach programs to be consistent with current air district rules and CEQA guidelines. The ordinance could also include the following provisions for community landscaping equipment.

- Sponsor a lawnmower exchange program that allows residents to trade in their gasoline powered mower for an electric mower at a low or discounted price.
- Require exterior electrical outlets on all new building developments.

Entity Responsible for Implementation: The individual city governments are responsible for implementing this measure.

Measure Implementation Details: The city governments can each adopt an ordinance that would result in compliance with the measure by 2020. Implementation of this measure would be gradual through 2020 and 2030 as residents exchange equipment, and as the Cities swap old equipment for new equipment.

Level of Commitment: Each city choosing this measure would require a certain percentage of all landscaping equipment in the cities be electric-powered by 2020.

Co-Benefits: Reduced air pollution, public health improvements, and increased quality of life.

■ Agricultural-Related Reduction Measures

Agriculture-1: Methane Capture at Large Dairies

Measure Description: This is a voluntary measure to be undertaken by large dairies and encourages the installation of methane digesters to capture methane emissions from the decomposing manure. The methane could be used onsite as an alternative to natural gas in combustion, power production, or as a transportation fuel. Further, individual project proponents may be able to sell GHG credits associated with these installations on the voluntary carbon market.

Entity Responsible for Implementation: Large dairies within the Partnership cities are responsible for implementing this measure.

Measure Implementation Details: Dairies would need to install methane capture and control equipment at their facilities and employ other best-management practices for reducing fugitive methane emissions. Chino and Ontario, along with the air district, can collaborate with the dairies to achieve this. The installation of equipment is a one-time event, and implementation would be complete once the equipment begins operating.

Level of Commitment: Chino and Ontario would have to collaborate with the relevant dairies to help establish methane recovery systems.

Co-Benefits: Reduced air pollution and public health improvements.

Agriculture-2: Utilize Methane Captured at Dairies

Measure Description: Implement a voluntary program to reuse biogas (methane from manure) captured at animal operations facilities in the city. This biogas could be destroyed onsite, transported for offsite use (e.g., through a gas distribution or transmission pipeline), or used to power vehicles. Using captured biogas could potentially offset natural gas use or off-road fuel use in the city (reductions may be achieved in the building energy sector and/or the off-road sector).

Entity Responsible for Implementation: Large dairies within the Partnership cities are responsible for implementing this measure.

Measure Implementation Details: Dairies would need to install methane combustion and reuse equipment at their facilities. Chino and Ontario, along with the air district, can collaborate with the dairies to achieve this. The installation of equipment is a one-time event, and implementation would be complete once the equipment begins operating.

Level of Commitment: Chino and Ontario would have to collaborate with the relevant dairies to help establish methane reuse systems.

Co-Benefits: Reduced energy use and reduced air pollution.

■ Other Land Use-Related Reduction Measures

Land Use-1: Urban Forestry

Measure Description: Establish a citywide tree planting goal or tree preservation goal. Possible implementation mechanisms might include a requirement to account for trees removed and planted as part of new construction and/or establishing a goal and funding source for new trees planted on city property. This measure will reduce energy consumption and associated GHG emissions in the building energy sector by reducing the heat island effect.

Entity Responsible for Implementation: The individual city governments are responsible for implementing this measure.

Measure Implementation Details: The city governments can require trees to be planted as part of new construction, possibly as part of CEQA review and approval of new projects. Implementation of this measure would be gradual as new developments are constructed with accompanying trees.

Level of Commitment: Each city selecting this measure is assumed to plant three trees per non open space acre by 2020.

Co-Benefits: Reduced energy consumption, reduced air pollution, increased quality of life, and reduced urban heat island effect.

Land Use-2: Promote Rooftop Gardens

Measure Description: Establish a goal for 5 percent of new residences and 15 percent of new commercial facilities over 100,000 square feet to construct rooftop gardens. Rooftop green space insulates the building underneath, increasing energy efficiency. Rooftop gardens also cool the surrounding area through moisture retention and surface reflectivity. This measure could also reduce energy consumption and associated GHG emissions in the building energy sector (California Air Pollution Control Officers Association 2010). This measure could be implemented through the following incentives:

- Consider offering nonfinancial incentives, as feasible, to encourage rooftop gardens.
- Consider providing informational materials to contractors, homeowners and businesses about the benefits of and incentives for rooftop gardens.

Entity Responsible for Implementation: The individual city governments are responsible for implementing this measure.

Measure Implementation Details: The city governments can set goals for new residences and commercial facilities to have rooftop green space. Implementation of this measure would be gradual as new developments are constructed with rooftop gardens.

Level of Commitment: Each city selecting this measure would require 5 percent of new residences and 15 percent of new commercial facilities over 100,000 square feet to construct rooftop gardens.

Co-Benefits: Reduced energy consumption, and increased quality of life.

■ Solid Waste-Related Reduction Measures

Waste-1: Install Methane Capture, Especially LFGTE and Direct Gas Projects

Measure Description: As appropriate, install methane capture technology and associated monitoring systems on landfills without methane capture, with a goal of increasing the facility-level methane capture to the highest feasible rate (i.e., approaching 100 percent). While flaring, landfill-gas-to-energy (LFGTE), and direct gas projects all offer GHG reduction opportunities in the form of methane reduction, LFGTE and direct gas projects offer additional GHG reductions by offsetting fossil fuel energy use. A list of disposal sites that do not currently have landfill gas projects can be found in EPA's Landfill Methane Outreach Program database at <http://www.epa.gov/lmop/> (California Air Pollution Control Officers Association 2010). Often, the city may not have complete operational control over a landfill and implementation may be the responsibility of a private waste services company with whom the city coordinates.

Entity Responsible for Implementation: The City of Redlands would be responsible for implementing this measure at the California Street Landfill.

Measure Implementation Details: The California Street Landfill would need to upgrade equipment as necessary to increase and utilize the captured methane gas. The installation of equipment is a one-time event, and implementation would be complete once the equipment begins operating.

Level of Commitment: The City of Redlands would install methane capture technology and associated monitoring systems on the California Street Landfill.

Co-Benefits: Reduced energy use, reduced air pollution, and reduced energy price volatility.

Waste-2: Waste Diversion

Measure Description: Exceed the waste diversion goal (50 percent) recommended by Assembly Bill 939 and CALGreen by adopting citywide waste goals of at least 75 percent of waste diversion (California Air Pollution Control Officers Association 2010). In instances where cities operate their own waste services programs, they will have responsibility to expand or establish composting, recycling, and yard waste programs to residences and businesses. Cities would work with waste providers to identify baseline, opportunities, and achievable diversion goals before a certain time period, all of which can be incorporated into the waste provider's contract with a jurisdiction. This measure could include:

- Expand educational programs to inform residents about reuse, recycling, composting, waste to energy, and zero waste programs. Encourage local recycling and composting initiatives at the neighborhood level.
- Adopt a construction and demolition waste recovery ordinance that meets the CALGreen voluntary guidance of a 65 to 75 percent reduction in nonhazardous construction and demolition waste.
- Encourage local businesses to expand their recycling and composting efforts and to reduce packaging of products manufactured in the cities.

- Establish a reuse/recycling center where furniture, appliances, building materials, and other useful, nonhazardous items may be dropped off or purchased for a nominal fee.
- Enhance regional coordination on waste management, to take advantage of economies of scale of recycling, composting, and other diversion programs.

Entity Responsible for Implementation: The individual city governments along with waste service providers are responsible for implementing this measure.

Measure Implementation Details: City governments that operate their own waste services programs can develop educational programs to encourage residents to reduce waste. City governments that utilize a private contractor for waste collection can work with that contractor to expand education and outreach programs. Waste diversion generally increases gradually on an annual basis.

Level of Commitment: Each city selecting this measure would require 75 percent diversion of waste from landfills.

Co-Benefits: Reduced air pollution and resource conservation.

■ Wastewater Treatment-Related Reduction Measures

Wastewater-1: Methane Recovery

Measure Description: Work with the IEUA or other local wastewater treatment providers (small or large to identify funding and cooperating agencies for establishing methane recovery systems at all WWTPs that service San Bernardino Partnership cities residents by 2020, as appropriate. WWTPs in the region operated by IEUA, City of San Bernardino, VVWA, City of Redlands and Yucaipa Valley Water District already capture and flare methane at a minimum. Several also utilize waste heat on site or methane powered generators to power various facilities, offsetting approximately 30 percent of their power needs in the case of IEUA. Cities serviced by these providers would not benefit from this measure (unless the capture system was installed after 2008), only plants that have not yet installed methane capture. For plants that only capture and flare, additional benefits could be achieved by using the methane for electricity or heating on site. Operators of these facilities would work with SANBAG, regional power providers, Partnership cities or other entities to identify funding for this installation. Install equipment for the combustion of digester gas at all WWTPs by 2020 (California Air Pollution Control Officers Association 2010).

Entity Responsible for Implementation: The WWTPs that serve the region are responsible for implementing this measure. However they may be funded through public private partnership as will IEUA's Ontario WWTP fuel cell project.

Measure Implementation Details: This measure would require the individual WWTPs to install methane recovery equipment. The installation of equipment is a one-time event, and implementation would be complete once the equipment begins operating.

Level of Commitment: Each city selecting this measure would have to collaborate with the IEUA or other local wastewater treatment provider to establish methane recovery systems.

Co-Benefits: Reduced energy use and reduced energy price volatility.

Wastewater-2: Equipment Upgrades (Regional)

Measure Description: Work with IEUA or other local wastewater treatment provider to upgrade and replace wastewater treatment and pumping equipment with more energy-efficient equipment, as is financially feasible, at the existing facilities by 2020. Require all pumping and treatment equipment to be 25 percent more energy efficient at the time of replacement. Utilize best management practices for the treatment of waste (California Air Pollution Control Officers Association 2009). This measure could also include the following. WWTPs may already have energy efficiency upgrades scheduled as part of their capital improvements program:

- Assess the feasibility of using advance treatment of recycled water with microfiltration or reverse osmosis for future potable water use. Assess associated energy/GHG tradeoffs vs. out of basin water supply.

Entity Responsible for Implementation: The WWTPs that serve the region are responsible for implementing this measure.

Measure Implementation Details: This measure would require the individual wastewater treatment plants to upgrade pumping and treatment equipment. The upgrade of equipment is a onetime event, and implementation would be complete once the upgraded equipment begins operating.

Level of Commitment: Each city selecting this measure would have to collaborate with the IEUA or other local wastewater treatment provider (if serviced by a regional entity) to upgrade pumping and treatment equipment.

Co-Benefits: Reduced energy use and reduced air pollution.

Wastewater-3: Recycled Water

Measure Description: Establish a goal that 50 percent of all water used for nonpotable sources (such as landscaping irrigation, dust control, or fire suppression) be recycled (and treated) wastewater. Consider requiring all new parks, schools, and other public facilities to use 100 percent recycled water for nonpotable outdoor uses as a first step, as feasible depending on existing and planned recycled water infrastructure. Develop public education materials that support and encourage the use of recycled water. Adopt a municipal goal of 100 percent use of recycled water for nonpotable sources (California Air Pollution Control Officers Association 2010). Implementation will likely require coordination with regional WWTPs and recycled water providers. This measure would also include development of an inventory of nonpotable uses of water in the cities for potential to substitute recycled water.

Entity Responsible for Implementation: To implement this measure, the individual city governments would coordinate with regional water providers and regional WWTPs.

Measure Implementation Details: This measure would most likely be implemented in incremental steps as each city utilizes recycled water for its municipal purposes. Recycled water would also be gradually employed through 2020 as new parks and schools are constructed and as recycled water distribution systems expand.

Level of Commitment: Each city selecting this measure would have to require 50 percent of all water used for nonpotable sources (such as landscaping irrigation, dust control, or fire suppression) to be recycled (and treated) wastewater.

Co-Benefits: Reduced energy use, reduced air pollution, and resource conservation.

■ Water Conveyance-Related Reduction Measures

Water-1: Require Adoption of the Voluntary CALGreen Water Efficiency Measures for New Construction

Measure Description: Require adoption of the voluntary CALGreen water efficiency measures (at least Tier 1) for new construction. CALGreen voluntary measures recommend use of certain water efficient appliances, plumbing and irrigation systems, as well as more aggressive water-savings targets. Update building standards and codes for new buildings to require adoption of these voluntary measures, including:

- Use of low-water irrigation systems
- Installation of rainwater and gray water systems
- Installation of water-efficient appliances and plumbing fixtures, as well as composting toilets
- A 30–40 percent reduction over baseline in indoor water use, and a 55–60 percent reduction in outdoor potable water use (CALGreen Tier 1 or 2)

Entity Responsible for Implementation: The individual city governments are responsible for implementing this measure working.

Measure Implementation Details: The city governments can choose to include the voluntary CALGreen measures in their building codes. Implementation would be gradual through 2020 as new buildings are constructed with water-efficient fixtures.

Level of Commitment: Each city selecting this measure would have to require adoption of the voluntary CALGreen water-efficiency measures (at least Tier 1) for new construction.

Co-Benefits: Reduced energy use, reduced air pollution, resource conservation, and increased property values.

Water-2: Implement a Program to Renovate Existing Buildings to Achieve Higher Levels of Water Efficiency

Measure Description: Implement a program to renovate existing buildings to achieve higher levels of water efficiency (California Air Pollution Control Officers Association 2010; California Attorney General's Office 2010). Education and outreach programs can help educate individuals on the importance of water efficiency and how to reduce water use. Rebate programs can help promote installation of water-efficient plumbing fixtures. The program could address:

- Development plans to ensure water conservation techniques are used (e.g. rain barrels, drought tolerant landscape)

- Water-efficiency upgrades as a condition of issuing permits for renovations or additions to existing buildings
- Adopt water conservation pricing, such as tiered rate structures, to encourage efficient water use
- Incentives for projects that demonstrate significant water conservation through use of innovative water consumption technologies

Entity Responsible for Implementation: The individual city governments are responsible for the implementing this measure in concert with water retailers.

Measure Implementation Details: The city governments can develop educational programs to encourage water conservation among residents. The city governments can also create rebate programs to encourage residents to upgrade to more water-efficient fixtures in homes. Implementation would be gradual through 2020 as older water fixtures are replaced and as residents adopt new water consumption behaviors.

Level of Commitment: Each city selecting this measure would have to implement a program to renovate existing buildings to achieve higher levels of water efficiency.

Co-Benefits: Reduced energy use, reduced air pollution, resource conservation, and increased

Water-3: Encourage Water-Efficient Landscaping Practices

Measure Description: Encourage water-efficient landscaping practices. Adopt a landscaping water conservation plan that exceeds the requirements in the Model Landscape Ordinance (AN 1881). The conservation plan could include provisions for any of the following.

- Further reducing the ET Adjustment factor listed in the Model Ordinance
- Limiting turf grass areas
- Providing approved plant lists
- Implement a public education and outreach campaign to promote water conservation. The program should highlight specific water-wasting activities to discourage, such as the watering of nonvegetated surfaces and using water to clean sidewalks and driveways, as well as educate the community about the importance of water conserving techniques. Water efficiency training and certification for irrigation designers, installers, and property managers should also be offered.
- Encourage alternatives to lawns and turf uses, except for parks, playing fields, children's play areas, and other specialized uses.
- Promote underground irrigation techniques.
- Encourage extensive use of mulch in landscape areas to improve the water-holding capacity of the soil by reducing evaporation and soil compaction.
- Require drought-tolerate landscape plantings for all municipal buildings.
- Establish landscape maintenance districts along streets for water conservation purposes.
- Promote installation of dual plumbing in all new development, allowing gray water to be used for landscape irrigation.

Entity Responsible for Implementation: The individual city governments are responsible for implementing this measure in concert with water retailers.

Measure Implementation Details: The individual city governments can adopt water conservation plans that surpass the requirements of the Model Landscape Ordinance. Implementation would be gradual through 2020 as residents adopt new water conservation behaviors, and as new developments utilize less water-demanding plants, alternatives to lawns, and gray water infrastructure.

Level of Commitment: Each city selecting this measure would have to adopt a landscaping water conservation plan that exceeds the requirements in the Model Landscape Ordinance (AN 1881).

Co-Benefits: Reduced energy use, reduced air pollution, and resource conservation.

■ GHG Performance Standard for New Development

PS-1: GHG Performance Standard for New Development

Measure Description: Individual cities may adopt a GHG Performance Standard for New Development (PS) that would provide a streamlined and flexible program for new projects to reduce their emissions. The PS would be a reduction standard for new private developments as part of the discretionary approval process under CEQA. Under the PS, new projects would be required to quantify project-generated GHG emissions and adopt feasible reduction measures to reduce project emissions to a level that is a certain percent below BAU project emissions. The PS does not require project applicants to implement a pre-determined set of measures. Rather, project applicants are allowed to choose the most appropriate measures for achieving the percent reduction goal, while taking into consideration cost, environmental or economic benefits, schedule, and other project requirements. SCAQMD does not have CEQA significance thresholds for new nonindustrial development at this time. One potential PS reduction goal could be 29 percent, based on San Joaquin Air Pollution Control District's recommended CEQA significance threshold and based on the calculations of reductions necessary at the state level to meet AB 32 at the time of the Scoping Plan (29 percent below forecasted 2020 levels = 1990 levels based on data available at that time). Another potential minimum goal could be 20 to 22 percent based on the most recent 2020 forecast data from CARB. San Bernardino County adopted a performance standard of 31 percent for certain discretionary projects within the unincorporated county with emissions more than 3,000 MT CO₂e/year. Projects with less than 3,000 MT CO₂e/year are still required to meet certain specified performance measures that also result in GHG emission reductions.

Entity Responsible for Implementation: The individual city governments are responsible for implementing this measure.

Measure Implementation Details: Implementation of the performance standard would reduce GHG emissions attributable to new discretionary development projects at least 20 to 29 percent by 2020 (or more if selected by a city). Measurable reductions of GHG emissions would be achieved through each city's review and discretionary approval of residential, commercial, and industrial development projects. It is expected that project proponents would often include energy-efficiency and alternative energy strategies to help reduce their project's GHG emissions because these are often the most cost-effective approach to reducing GHG emissions, but are free to propose any valid measures that would achieve the

overall reduction goal. In order to calculate the reductions from this measure, state measures and local mandatory measures were quantified for new development for each city. These measures achieve a certain portion of the PS goal, depending on the city. The PS contributes the remaining percent reduction required to achieve the PS goal in new developments. The reduction amounts for each individual project within each city from state or other local measures would vary; however, state and local mandatory measures are still expected to result in the largest share of the burden in meeting the PS reduction target for all cities. Some cities already require discretionary projects, through the CEQA process, to identify their GHG emissions and to mitigate those emissions when feasible mitigation is available and there are no overriding circumstances.

Level of Commitment: Each city selecting this measure would have to adopt a GHG Performance Standard for New Development, requiring at least 20 to 29 percent reduction in new development emissions within the cities.

Co-Benefits: Co-benefits would depend on the exact measures selected by individual project proponents, but would be the same as the corresponding strategies described for the other measures (e.g., if a project proponent were to select energy efficiency measures as part of meeting project reductions, the benefits would be similar in character to those described for energy efficiency retrofits).

3.5 ADOPTION AND IMPLEMENTATION

The goals and policies set forth in the Regional Reduction Plan would be implemented by the Participating Cities through a variety of mechanisms, including regulation and development review; financing and budgeting; and inter-departmental and inter-governmental coordination.

Coordination between SANBAG and Participating Cities will be critical to the successful implementation of the reduction measures for each Participating City that chooses to implement a CAP or GHG Reduction Plan based on the Regional Reduction Plan. While the policies and implementation programs would be limited to authorities that can be implemented under the jurisdiction of the Participating Cities, implementation of some Regional Reduction Plan policies may also require coordination and joint actions with SANBAG, numerous local, regional, state, and federal agencies. These agencies provide services, facilities, or funding and administer regulations that directly or indirectly affect many issues addressed in the Regional Reduction Plan. These external governmental agencies, such as the California Department of Transportation, water service providers, SCAG, among others, would also look to the Regional Reduction Plan for their planning and decision-making guidance.

3.5.1 Required Approvals and Actions

The following actions will be required in order to implement the Regional Reduction Plan:

- Certification of the EIR for the Regional Reduction Plan by SANBAG Board of Directors
- Adoption of the Regional Reduction Plan by SANBAG
- Each Participating City choosing to implement the Regional Reduction Plan to use the technical information within the Regional Reduction Plan pertinent to their jurisdiction in the drafting and adoption of a “qualified” City CAP or GHG Reduction Plan.

- Each Participating City choosing to adopt a City CAP or GHG Reduction Plan, acts as a responsible agency under CEQA and relies on the environmental analysis of their jurisdiction's reduction measures in the Certified EIR for the Regional Reduction Plan.

3.6 INTENDED USES OF THE EIR

CEQA Guidelines Section 15183.5 (Tiering and Streamlining the Analysis of GHG Emissions) was added as part of the CEQA Guideline amendments and describes the criteria needed in a Climate Action Plan or GHG Reduction Plan that would allow for the tiering and streamlining of CEQA analysis for subsequent development projects. The following quote is from the CEQA Guideline amendments:

Section 15183.5. Tiering and Streamlining the Analysis of Greenhouse Gas Emissions.

- (a) Lead agencies may analyze and mitigate the significant effects of greenhouse gas emissions at a programmatic level, such as in a general plan, a long range development plan, or a separate plan to reduce greenhouse gas emissions. Later project-specific environmental documents may tier from and/or incorporate by reference that existing programmatic review. Project-specific environmental documents may rely on an EIR containing a programmatic analysis of greenhouse gas emissions as provided in section 15152 (tiering), 15167 (staged EIRs) 15168 (program EIRs), 15175-15179.5 (Master EIRs), 15182 (EIRs Prepared for Specific Plans), and 15183 (EIRs Prepared for General Plans, Community Plans, or Zoning).
- (b) Plans for the Reduction of Greenhouse Gas Emissions. Public agencies may choose to analyze and mitigate significant greenhouse gas emissions in a plan for the reduction of greenhouse gas emissions or similar document. A plan to reduce greenhouse gas emissions may be used in a cumulative impacts analysis as set forth below. Pursuant to Sections 15064(h)(3) and 15130(d), a lead agency may determine that a project's incremental contribution to a cumulative effect is not cumulatively considerable if the project complies with the requirements in a previously adopted plan or mitigation program under specified circumstances.
 - (1) Plan Elements. A plan for the reduction of greenhouse gas emissions should:
 - (A) Quantify greenhouse gas emissions, both existing and projected over a specified time period, resulting from activities within a defined geographic area;
 - (B) Establish a level, based on substantial evidence, below which the contribution to greenhouse gas emissions from activities covered by the plan would not be cumulatively considerable;
 - (C) Identify and analyze the greenhouse gas emissions resulting from specific actions or categories of actions anticipated within the geographic area;
 - (D) Specify measures or a group of measures, including performance standards, that substantial evidence demonstrates, if implemented on a project-by-project basis, would collectively achieve the specified emissions level;
 - (E) Establish a mechanism to monitor the plan's progress toward achieving the level and to require amendment if the plan is not achieving specified levels;
 - (F) Be adopted in a public process following environmental review.
 - (2) Use with Later Activities. A plan for the reduction of greenhouse gas emissions, once adopted following certification of an EIR or adoption of an environmental document, may be used in the cumulative impacts analysis of later projects. An environmental document that relies on a greenhouse gas reduction plan for a cumulative impacts analysis must identify those requirements specified in the plan that apply to the project, and, if those requirements are not otherwise binding and enforceable, incorporate those requirements as mitigation measures applicable to the project. If there is substantial evidence that the effects of a particular project may be cumulatively considerable

notwithstanding the project's compliance with the specified requirements in the plan for the reduction of greenhouse gas emissions, an EIR must be prepared for the project.

One of the goals of the Regional Reduction Plan is to allow programmatic level review and mitigation of GHG emissions for the Participating Cities that allows for the streamlining of CEQA review for subsequent development projects within the Participating Cities that choose to implement the Regional Reduction Plan through the drafting and adoption of City-level "qualified CAPs or GHG Reduction Plans." To accomplish this, the Regional Reduction Plan framework is designed to provide the technical information needed to fulfill the requirements identified in CEQA Guidelines Section 15183.5, above. To fulfill all of these requirements, each Participating City choosing to adopt a qualified CAP or GHG Reduction Plan and implement the Regional Reduction Plan must establish a mechanism to monitor the CAP's or GHG Reduction Plan's progress toward achieving the reduction target and amend the Plan if the Plan is not achieving the reduction target.

This EIR is a program-level EIR pursuant to CEQA Guidelines Section 15168(a)(3), prepared in connection with issuance of rules, regulations, plans, or other general criteria to govern the conduct of a continuing program. This EIR has been prepared to analyze environmental impacts associated with implementation of the Regional Reduction Plan and to also address appropriate and feasible mitigation measures or project alternatives that would minimize or eliminate these impacts. This document is intended to serve as an informational document. Additionally, this EIR would provide the primary source of environmental information for the Lead Agency to consider when exercising any permitting authority or approval power directly related to implementation of the proposed project.

Each Participating City as a responsible agency relies on the environmental analysis and mitigation measures within this program-level EIR pertinent to each Participating City once SANBAG has certified it as adequately addressing the environmental impacts and appropriately mitigated significant impacts within each of the Participating Cities' jurisdictions. This intended use of the EIR negates the need to provide redundant individual EIRs for each Participating City.

This EIR is intended to provide decision-makers and the public with information that enables them to consider the environmental consequences of the proposed action. This EIR identifies significant or potentially significant environmental effects, as well as ways in which those impacts can be reduced to less-than-significant levels, whether through the imposition of mitigation measures or through the implementation of specific alternatives to the proposed project.

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CHAPTER 4 Environmental Analysis

4.0 INTRODUCTION TO THE ANALYSIS

This chapter contains a discussion of the possible environmental effects of the San Bernardino County Regional Greenhouse Gas Reduction Plan (Regional Reduction Plan or proposed project), for the specific issue areas that have the potential to experience significant impacts. This chapter is the primary component of the EIR, as it provides information on the existing conditions in each of the partnership cities and their Spheres of Influence (SOI), the type and magnitude of the project's potential individual and cumulative environmental impacts, and feasible mitigation measures that could reduce or avoid such impacts. The existing conditions component of the analysis defines the environmental conditions as they exist in the partnership cities at the time the Notice of Preparation (NOP) was published, while project impacts are defined as the project's effect on the existing environment. Mitigation measures are designed to reduce a project's potential impact to less-than-significant levels. The purpose of this chapter is to inform readers of the type and magnitude of the project's environmental impacts and how such impacts would affect the existing environment.

4.0.1 Comments Received on the Notice of Preparation

During the 30-day public review period for the NOP, which began November 14, 2012, comment letters were received from public agencies and individuals. The NOP and the NOP comments are included in Appendix A (Notice of Preparation and Comments on the NOP) of this EIR and were considered in the EIR analyses.

4.0.2 Scope of the EIR

The environmental analyses are presented in the following order:

- Aesthetics
- Agriculture/Forestry Resources
- Air Quality
- Biological Resources
- Greenhouse Gas Emissions
- Cultural Resources
- Geology/Soils
- Hazards/Hazardous Materials
- Hydrology/Water Quality
- Land Use/Planning
- Mineral Resources
- Noise
- Population/Housing
- Public Services
- Recreation
- Transportation/Traffic

- Utilities/Service Systems
- Mandatory Findings of Significance

4.0.3 Format of the Environmental Analysis

Because each partnership city has chosen their own reduction measures and reduction target within the Regional Reduction Plan, the environmental setting is slightly different within each partnership city, and each partnership city will be responsible for implementing the reduction measures and mitigation measures within their jurisdictional boundaries, the environmental analysis looks at each participating city. Each participating city has a section within the environmental analysis that presents a program-level analysis of the project's impacts on the environment within each jurisdiction. There are twenty-one sections in the environmental analysis shown as Sections 4.1 through 4.21 in this EIR. Each section includes an introduction for each environmental topic, a description of the environmental setting, the regulatory framework, program-level impacts and proposed mitigation measures, and cumulative impacts for each environmental topic. The organization of each of the technical sections follows the outline below:

■ Introduction

The Introduction provides a brief description of the types of impacts that are analyzed in the section. For sections that are lengthy or analytically complex, an introductory overview of the format and structure of the section is presented.

■ Environmental Setting and Regulatory Framework

The assessment of each issue area begins with a discussion of the existing conditions (or setting), as well as a discussion of the regulatory framework relevant to that issue area. As required by the CEQA Guidelines, this document discusses any inconsistencies between the proposed project and each city's general plan and applicable specific plans. However, consistent with the scope and purpose of this document, the discussion primarily focuses on those requirements adopted for the purpose of avoiding or mitigating an environmental effect and an assessment of whether any inconsistency with these standards creates a significant physical impact on the environment. The ultimate determination of whether this project is consistent with each city's general plan is a decision that resides exclusively with the decision-making body (i.e., the Planning Commission or City Council), not with this environmental document.

■ Project Impacts and Mitigation

The impacts and mitigation discussion is divided into the following subsections, as described below.

Thresholds of Significance

The impact significance criteria used in this EIR are based on 2012 CEQA Guidelines Appendix G. The significance criteria used for each environmental topic/resource are presented at the beginning of the impact discussion in each section of Chapter 4 of this EIR.

Analytic Method

This subsection identifies the methodology used to analyze potential environmental impacts for each environmental topic under the identified significance criteria. The evaluations in the EIR are qualitative, given the resources that are analyzed in the EIR.

Impacts and Mitigation Measures

This subsection describes the potential direct and/or indirect environmental impacts of the project and, based on the significance criteria, determines the significance of each environmental impact. Each impact is summarized in an “impact statement” that is separately numbered, coincides with an identified significance criterion, and is followed by a detailed discussion. The impact statement also identifies the level of significance after implementation of all feasible mitigation measures. This format is designed to assist the reader in quickly identifying the subject and conclusion of the impact analyses.

CEQA does not treat project consequences relating solely to land use, socio-economic, or population, employment, or housing issues as direct physical impacts to the environment. This chapter, therefore, presents land use and demographics as informational sections that provide the setting for land use and population-related changes that could occur under the proposed Regional Reduction Plan. To the extent that land use and population-related changes resulting from the proposed Regional Reduction Plan could result in physical environmental effects, those effects are addressed in the appropriate sections in this chapter for each partnership city.

This document focuses on the overall effects of the proposed Regional Reduction Plan within each partnership city; the EIR does not examine the effects of the potential site-specific projects that may occur in the future under the Regional Plan. The nature of the Regional Reduction Plan is such that many proposed policies are intended to be general, with details to be determined during implementation. Therefore, this EIR assumes that specific development projects and infrastructure improvement proposals submitted to partnership cities will necessitate an independent environmental assessment consistent with the requirements of CEQA. Thus, many of the impacts and mitigation measures can only be described in this EIR in general or qualitative terms.

The proposed Regional Reduction Plan is intended to be self-mitigating, in that the policies and programs of the proposed Regional Reduction Plan, in concert with its implementing measures, are designed to mitigate environmental impacts. This EIR shows how the impacts of future development in each partnership city will be mitigated through compliance with existing regulations, implementation of the current general plan policies and mitigation measures found in each partnership city’s general plan EIR, and programs of the proposed Regional Reduction Plan. Any residual impact after implementation of these proposed policies and programs is measured against the significance criteria established for each impact area. Depending on the issue area, the significance criteria are identifiable quantitative, qualitative, or performance thresholds beyond which the proposed project would be considered to result in a significant effect.

This EIR represents the best effort to evaluate the potential environmental effects of the proposed Regional Reduction Plan given its long-term planning horizon. It can be anticipated that conditions will

change over this planning horizon; however, the assumptions used are the best available at the time of preparation and reflect existing knowledge of patterns of development and travel patterns.

The Regional Reduction Plan EIR is based on the assumption that all policies in the proposed Regional Reduction Plan will be implemented and all development will be consistent with the general plan land use diagram for each partnership city. It is assumed that future development in the partnership cities will occur incrementally through growth management policies that ensure urban growth is balanced with infrastructure improvements and natural resources conservation over the next decade. Another key assumption of the Regional Reduction Plan EIR is that development within each participating city will follow the anticipated growth for that city described in its current general plan. The Regional Reduction Plan EIR focuses on development within each partnership city that will occur between 2010 and 2020. It is understood that development within each partnership city will be incremental and the timing of development will be influenced by market conditions.

The proposed project represents a regional mitigation plan for the reduction of GHG emissions rather than a specific development project. Development-specific construction and operational impacts are not known. Therefore, the impact analysis in this EIR is on a program level; that is, it focuses on indirect environmental impacts that could occur with implementation of the proposed policies rather than on direct physical environmental impacts that would occur with a specific development project. However, impacts that could occur as a result of retrofits or energy-generating structures allowed under the Regional Reduction Plan must be considered because they would be indirect impacts of implementation of the Regional Reduction Plan. For example, construction activities could exceed SCAQMD thresholds of significance for air quality in the South Coast Air Basin or Mojave Air Basin, in which the Proposed Project lies. Because these basins are in nonattainment for several criteria pollutants, construction emissions exceeding thresholds could result in a significant impact despite implementation of mitigation measures. Because specific development projects are not known at this time, it is uncertain whether a significant impact would actually occur. Therefore, on a program level, impacts of this type could be considered significant and unavoidable even though individual development projects following the Regional Reduction Plan may or may not exceed significance thresholds.

The geographic scope of the impact analyses varies depending upon the specific environmental issue being analyzed. Where the impact analysis identifies significant adverse environmental effects that could be reduced or avoided through implementation of a mitigation measure, the measure is presented after the relevant impact discussion. Mitigation measures identify specific and measurable actions that could be taken to reduce potentially significant environmental impacts.

Project impacts are also assessed in light of existing regulatory requirements that could serve to mitigate potential impacts. The effectiveness of existing regulations to mitigate potential impacts is often affected by discretionary requirements, site characteristics, and project features and design-level considerations that are not yet detailed. Because there is some discretion in how these regulations can be applied, for some impacts, these requirements are included as mitigation measures to outline the specific process by which development in each partnership city will comply with these regulations.

Program-level mitigation measures for each partnership city are proposed that would apply to all subsequent development within the partnership city's jurisdictional boundaries, although site-specific

mitigation measures may also be implemented as identified in subsequent environmental analysis, as appropriate. The mitigation measures identify the parties responsible for implementation, a timeframe for implementation, and any applicable public agency approval, oversight, or monitoring that may be required. Mitigation measures would usually be implemented by individual development applicants, with oversight by one or more public agencies, unless indicated otherwise.

Each partnership city imposes their own conditions of approval (COA) for the purpose of controlling or reducing potential environmental and/or safety issues associated with a proposed project. These COA may include, but are not necessarily limited to, development standards, infrastructure improvements, and/or operational requirements. COA often have the effect of reducing an environmental impact and, as such, take the place of mitigation measures that would otherwise be required to address impacts. COA identified in this document are not inclusive of all code requirements that would be imposed on future development; only those COA relevant to the environmental analysis are included.

This subsection concludes with a statement regarding whether the impact, after implementation of the mitigation measures and/or compliance with existing local, state, and federal laws and regulations, would remain significant or be reduced to a less-than-significant level.

■ Cumulative Impacts

CEQA requires that EIRs discuss a project's potential contributions to cumulative impacts, in addition to project-specific impacts. CEQA Guidelines Section 15130(a)(1) states that a "cumulative impact consists of an impact which is created as a result of the combination of the project evaluated in the EIR together with other projects causing related impacts." Other projects include past, present, and reasonably probable future projects.

CEQA Guidelines Section 15130(b)(1) states that the approach to the cumulative impact analysis may be based on either of the following approaches, or a combination thereof:

- A list of past, present, and probable future projects producing related or cumulative impacts
- A summary of projections contained in an adopted general plan or related planning document designed to evaluate regional or areawide conditions

For the purposes of this EIR, the analysis of the potential for the project's incremental effects to be cumulatively considerable is based upon full build-out of the general plans of the participating cities and the general plans of neighboring jurisdictions.

The geographic scope of the cumulative impact analyses and the specific related projects that are included in the analyses may also vary depending on the specific environmental issue being analyzed. Each technical section of this EIR designates the cumulative context for each cumulative impact analysis.

The EIR presents a cumulative impact analysis only where the project's incremental effect would result in a less-than-significant or significant and unavoidable cumulative impact.

CEQA requires that an EIR discuss cumulative impacts to determine whether they are significant. If the cumulative impact is significant, the Project's incremental effects must be analyzed to determine if the Project's contribution to the cumulative impact is cumulatively considerable. In accordance with CEQA

Guidelines Section 15065(a)(3), this determination is based on an assessment of the Project's incremental effects viewed in combination with the effects of past, present, and probable future related projects. The existence of a currently existing significant cumulative impact does not necessarily mean that the project's contribution to that impact must be significant. Instead, a project's contribution to a significant cumulative impact is significant only if its contribution is cumulatively considerable.

CEQA recognizes that the analysis of cumulative impacts need not be as detailed as the analysis of project-level impacts, but instead should "be guided by the standards of practicality and reasonableness" (CEQA Guidelines Section 15130(b)). The discussion of cumulative impacts must reflect the severity of the impacts and the likelihood of their occurrence; however, the discussion need not be as detailed as the discussion of environmental impacts attributable to the Project alone.

The impact analysis concludes with a discussion of cumulative effects, which evaluates the impacts associated with the proposed project in conjunction with other past, present, and probable future development in areas causing related impacts.

4.0.4 Levels of Significance

A "significant effect" is defined by CEQA Guidelines Section 15382 as "a substantial, or potentially substantial, adverse change in any of the physical conditions within the area affected by the project including land, air, water, or ambient noise, and objects of historic or aesthetic significance. An economic or social change by itself shall not be considered a significant effect on the environment, but may be considered in determining whether the physical change is significant."

The Draft EIR uses the following terms to describe the level of significance of impacts identified during the course of the environmental analysis:

- **No Impact**—Where the project would have no effect whatsoever on the identified resource as established by the threshold of significance, a discussion is included in the subsection of each section entitled "Effects Found Not to be Significant"
- **Less-Than-Significant Impact**—Impacts that are adverse, but that do not exceed the specified standards of significance
- **Potentially Significant Impact**—Significant impacts that may ultimately be determined to be less than significant; the level of significance may be reduced in the future through further definition of the project detail; potentially significant impacts may also be impacts about which there is not enough information to draw a final conclusion; however, for the purpose of this EIR, they are considered significant; such impacts are equivalent to significant impacts and require the identification of feasible mitigation measures
- **Significant and Unavoidable Impact**—Impacts that exceed the defined standards of significance and that cannot be eliminated or reduced to a less-than-significant level through the implementation of feasible mitigation measures