4.7 Greenhouse Gases

2 3 This section describes the environmental and regulatory settings and discusses impacts associated with 4 construction and operation of the proposed Valley-Ivyglen 115-kilovolt (kV) Subtransmission Line 5 Project (proposed Valley-Ivyglen Project) and the proposed Alberhill System Project (proposed Alberhill 6 Project) with respect to greenhouse gas (GHG) emissions. During scoping for the proposed projects, the 7 California Public Utilities Commission (CPUC) received comments regarding quantification of GHGs 8 from the projects' expected direct and indirect sources and the availability of guidance for GHG 9 mitigation measures. 10

11 4.7.1 Environmental Setting

13 4.7.1.1 Greenhouse Gases and Climate Change

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15 According to the U.S. Environmental Protection Agency (EPA), *climate change* refers to any significant 16 change in measures of climate (such as temperature, precipitation, or wind) lasting for an extended 17 period—decades or longer (EPA 2013). The term is often used interchangeably with the term global 18 warming. Climate change or global warming represents an average increase in the temperature of the 19 atmosphere near the Earth's surface and in the troposphere, which can contribute to changes in global 20 climate patterns. The global distribution of temperature increase is varied; in some locations, average 21 temperatures have decreased. Climate change has been attributed to a variety of causes, including natural 22 and human activities (EPA 2013). Current scientific research indicates that potential effects of climate 23 change include variations in temperature and precipitation, sea-level rise, impacts on biodiversity and 24 habitat, impacts on agriculture and forestry, and human health and social impacts (CNRA 2009). The 25 main GHGs contributing to climate change are carbon dioxide (CO₂), methane (CH₄), nitrous oxide 26 (N₂O), sulfur hexafluoride (SF₆), perfluorocarbons (PFCs), and hydrofluorocarbons (HFCs). These GHGs 27 are described in Table 4.7-1.

28

Constant and Const	Description	Global Warming
Greenhouse Gas	Description	Potential ^(a)
Carbon dioxide	Generated by natural and human activity. Primary human-induced sources are combustion of fossil fuels, natural gas, and wood.	1
Methane	Primary component of natural gas and produced by natural and human activity. Primary human-induced sources are cattle, decay of material in landfills, and fermentation of organic material such	25
	as manure.	
Nitrous oxide	Produced by human and natural activity. Human-induced sources include manufacturing emissions and fossil fuel combustion.	298
Sulfur hexafluoride	Produced mainly for insulation of electrical equipment, including substation switchgear and circuit breakers.	22,800
Perfluorocarbons	Produced for use as solvents, refrigerants, firefighting agents, and aerosol sprays.	7,390–12,200
	Produced for use as solvents, refrigerants, firefighting agents, and	124–14,800
HydrofluorocarbonsHydrocarbons	aerosol sprays.	

Table 4.7-1 Principal Greenhouse Gases Contributing to Climate Change

Source: CARB 2015a

(a) Global Warming Potential (GWP) takes into account the length of time the gas remains in the atmosphere and the gas's unique ability to absorb energy to result in a factor that measures how much a given amount of the GHG is estimated to contribute to global warming over a specific period of time (for example, 100 years) after being emitted, relative to CO₂, which has a GWP of 1. All GWPs used for GHG inventory purposes are considered over a 100-year timeframe. GWPs reported in this table correspond to 100-Year GWPs from the Intergovernmental Panel on Climate Change Fourth Assessment Report (AR4).

- 1 GHGs allow solar radiation (heat) to pass through the Earth's atmosphere but prevent heat from escaping,
- 2 resulting in atmospheric warming. Certain GHGs occur naturally and help balance the Earth's
- temperature. Much of the carbon in the atmosphere is absorbed by natural "carbon sinks," such as forests 3
- 4 or ocean kelp. CO₂ is then emitted back into the atmosphere through natural processes such as animal and
- 5 plant respiration, as well as oceanic and geological processes. These natural processes represent
- 6 "sources." When balanced, the amount of CO₂ emitted from sources and absorbed by carbon sinks is 7 roughly equal; this process is known as the "carbon cycle." Research indicates that, since the advent of
- 8 the Industrial Revolution, human activity has resulted in an elevation of the concentration of some of
- 9 these gases in the atmosphere. In particular, concentrations of CO₂ emitted from the burning of fossil
- 10 fuels have increased significantly. As emission levels rise from human activity such as automobile use,
- however, carbon sinks are becoming overwhelmed and are unable to sequester the increasing amounts of 11
- 12 CO₂. Furthermore, other human activity, such as deforestation, can lead to the reduction of sinks. The
- 13 resulting increase in GHGs in the atmosphere is now considered one of the key causes of global climate 14 change.

Emissions Trends 16 4.7.1.2

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18 Climate change, by its nature, is a cumulative impact resulting from innumerable GHG sources around the

19 world. The California Air Resources Board (CARB) has the primary regulatory responsibility for GHGs 20 within California, and local agencies can also adopt policies for GHG emission reduction. Reported GHG

emissions for the state and local jurisdictions are therefore provided in Table 4.7-2.

21 22

Table 4.7-2 Greenhouse Gas Emission Levels in the Proposed Projects

Area

Jurisdiction (Year)	Reported GHG Emissions (MMTCO ₂ e) ⁽¹⁾	Percentage of State Emissions (%) ⁽²⁾
Riverside County (2008)	7.01	1.5
City of Lake Elsinore (2008)	0.51	0.1
City of Perris (2010)	0.50	0.1
City of Wildomar (2010)	0.18	0.04
City of Menifee (2010)	0.89	0.2
City of Corona (2008)	1.75	0.4
State of California (2008)	477.7	100
State of California (2010)	451.6	100

Sources: CARB 2015b, 2013a, 2010; Riverside County 2015; City of Lake Elsinore 2011a; WRCOG 2014; City of Wildomar 2015; City of Menifee 2013a; City of Corona 2012.

- Key:
- CO_2 = carbon dioxide

 $CO_2e = carbon dioxide equivalency$

GHG = greenhouse gas

GWP = global warming potential

MMTCO₂e = million metric tons of carbon dioxide equivalent

Notes:

⁽¹⁾ GHGs in the atmosphere are reported in terms of CO₂e. CO₂e measures GHGs by multiplying the mass of each GHG emitted by its GWP to determine the equivalent amount of CO2. For example, one pound of CH₄ is equivalent to 25 pounds of CO₂e.

⁽²⁾ Percentages of State emissions used to calculate percentage are based on state inventory emissions for the corresponding reporting year. Note that, in 2013, California's total gross GHG emissions were 459.3 MMTCO₂e (CARB 2015b), which is within the range of the 2008 and 2010 gross emissions.

1 Statewide, in Riverside County, and in the Cities of Lake Elsinore, Perris, and Wildomar, the

2 transportation sector contributes the most GHG emissions of all sources (CARB 2015b; WRCOG 2014).

3 Notably, the high-GWP gas emissions made up 4 percent of the California inventory in 2013 and consist

- 4 primarily of substitutes for ozone depleting substances, losses from the electricity grid (SF₆ emissions
- 5 from electrical switchgears), and gases that are emitted in the semiconductor manufacturing process
- 6 (CARB 2015b). 7

8 4.7.1.3 Potential Effects from Climate Change

9 10 **Temperature and Precipitation**

11 GHGs can remain in the atmosphere for decades; thus, the temperature changes over the next 30 to 40 12 years will largely be determined by past emissions. By 2050, temperatures could increase by an additional 13 1.8 to 5.4 degrees Fahrenheit (CNRA 2009). California would likely continue to have relatively cool, wet 14 winters and dry, hot summers; however, temperature increases could become more severe in summer than 15 winter, and inland areas could experience more pronounced warming than coastal regions. Heat waves 16 could also increase in frequency and intensity. Precipitation patterns are anticipated to change due to 17 increasing temperatures, leading to more rainfall and less snow. This would affect California's drinking 18 water supply, which currently originates mainly as snowmelt runoff. More frequent flood events, due to 19 faster runoff, could also increase stress on state and local infrastructure. Finally, these changes in 20 precipitation could lead to more periods of drought, which could have a negative effect on native 21 ecosystems and on agriculture. 22

23 Sea-level Rise

24 Recent studies show that sea levels rose by as much as 7 inches during the 20th century and are

anticipated to rise up to 55 inches by the end of the century (CNRA 2009). Research shows that sea levels

- 26 will continue to rise even if emissions are substantially lowered (CNRA 2009). Sea-level rise could have
- a negative effect on coastal wetlands and marshes through inundation. This would not only negatively
- 28 impact these specially adapted habitats but could also damage agricultural activities by way of salt water
- 29 intrusion into fresh water aquifers. Additionally, loss of these habitats as a storm buffer could increase
- 30 storm-related impacts, such as depleted beaches and property damage.
- 31

32 Biodiversity and Habitat

33 Plant and animal species adapted to specific conditions could become threatened as temperatures and

- 34 precipitation patterns change. These species may have to shift their geographic range to adapt to the
- changes; however, if the species are unable to adapt, they may face extinction. As the climate shifts,
- 36 changes in wildfire patterns may also emerge. Many species in California are adapted to regular fire
- events, but higher temperatures may also result in an increase in the frequency and intensity of fires,
- 38 which could harm the ability of native plant species to re-germinate between events (CNRA 2009). Shifts
- in species' ranges could increase the likelihood of habitat fragmentation, and changes in participation
- 40 could lead to increased periods of drought, making ecosystems vulnerable to colonization by invasive41 species.
- 41 sp 42

43 Agriculture and Forestry

44 The State of California has some of the most productive agricultural regions in the world. Shifts in

45 climate may impact the ability of certain crops (e.g., grapes, other fruits, and nuts) to produce substantial,

- 46 high-quality yields. Sea-level rise, changes in growing season length, variation in precipitation, and
- 47 changes in water supply could affect agricultural productivity, which could impact food supplies.

1 The range of forest lands in the state will also likely shift in response to climate change. Temperature rise

2 has the potential to make current forest ranges inhospitable, expand insect populations that impact tree

mortality, and allow for the colonization of invasive, non-native species.

5 Human Health and Social Impacts

6 Climate change could also result in increased public health risks, including an increase in mortality and 7 morbidity due to heat-related illness and a rise in respiratory illness due to poor air quality caused by 8 higher temperatures. Plant species habitat that shifts due to climate change may also lead to variations in 9 the timing and duration of allergies and the colonization of new habitat by disease vectors such as non-10 native animals and insects. The elderly, chronically and mentally ill, infants, and the economically 11 disadvantaged will be at greatest risk of experiencing the negative effects of climate-related illness.

13 4.7.2 Regulatory Setting14

4.7.2.1 Federal

17 Endangerment Finding and Cause or Contribute Finding for Greenhouse Gas

In December 2009, the EPA issued two separate findings regarding GHGs under Section 202(a) of the
 Clean Air Act:

- The Endangerment Finding states that the current and projected concentrations of the six key GHGs (CO₂, CH₄, N₂O, HFCs, PFCs, and SF₆) in the atmosphere threaten public health and welfare.
- The Cause or Contribute Finding states that the combined emissions of GHGs from new motor vehicles and new motor vehicle engines contribute to GHG pollution.

These findings were a foundation for the EPA's regulation of vehicle GHG emissions. The EPA and the
U.S. Department of Transportation's National Highway Traffic and Safety Administration (NHTSA) have
finalized GHG emission reduction regulations for light-duty vehicles and heavy-duty engines (EPA
2015).

32 **4.7.2.2 State**

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34 Executive Order S-3-05

Executive Order (EO) S-3-05, issued in 2005, established statewide GHG emission reduction targets of 2000 levels by 2010, 1990 levels by 2020, and 80 percent below 1990 levels by 2050. This EO recognized the state's suscentibility to climate change impacts

37 recognized the state's susceptibility to climate change impacts.38

39 Assembly Bill 32 and AB 32 Scoping Plan

40 In 2006, the Global Warming Solutions Act, Assembly Bill (AB) 32, was enacted, requiring a reduction

41 of the state's GHG emissions to 1990 levels by 2020, consistent with EO S-3-05.

42

43 AB 32 requires that CARB prepare and approve a scoping plan for achieving the maximum

technologically feasible and cost-effective reductions in GHG emissions from sources or categories of

45 sources of GHGs by 2020 (CARB 2013b). The scoping plan includes a range of GHG emission reduction

46 actions, including direct regulations, alternative compliance mechanisms, monetary and non-monetary

47 incentives, voluntary actions, market-based mechanisms such as a cap-and-trade system, and an AB 32

CARB hearing on December 12, 2008 (CARB 2008). CARB approved the First Update to the Scoping
 Plan in May 2014. Measures in the Scoping Plan are being adopted over time as regulations.

3

4 Climate Change Scoping Plan GHG reduction measures that are applicable to the proposed projects

5 include the Low Carbon Fuel Standard, regional transportation-related GHG targets, light-duty vehicle

6 GHG standards, medium/heavy-duty vehicle GHG Standards, vehicle efficiency measures, goods

7 movement, energy efficiency, high GWP gases, and recycling and waste. The California legislature has

8 also passed legislation implementing most of the Climate Change Scoping Plan measures. Legislation

- 9 applicable to the proposed projects is described below.
- 10

11 Executive Order B-30-15

EO B-30-15 was signed by Governor Jerry Brown Jr. on April 29, 2015. This EO established an interim statewide GHG reduction target of 40 percent below 1990 levels by 2030, which is necessary to guide

regulatory policy and investments in California in the mid-term and put California on the most cost-

15 effective path for long-term emission reductions. Under this EO, all state agencies with jurisdiction over

16 sources of GHG emissions will need to continue to develop and implement emissions reduction programs

17 to reach the state's 2050 target and attain a level of emissions necessary to avoid dangerous climate

18 change. According to the Governor's Office, this EO is in line with the scientifically established levels

19 needed in the United States to limit global warming below 2 degrees Celsius—the warming threshold at

20 which scientists say there will likely be major climate disruptions such as super droughts and rising sea

- 21 levels (Office of Governor Edmund G. Brown, Jr. 2015).
- 22

23 Assembly Bill 1493 – Pavley

24 In 2002, the California legislature adopted regulations to reduce GHG emissions in the transportation

25 sector, the State's largest source of GHG emissions. In September 2004, pursuant to AB 1493, CARB

approved regulations to reduce GHG emissions from new motor vehicles beginning with the 2009 model

27 year. In September 2009, CARB adopted amendments to the Pavley regulations to reduce GHG from

28 2009 to 2016. CARB, EPA, and NHTSA have coordinated efforts to develop fuel economy and GHG

standards for model 2017-2025 vehicles. The GHG standards are incorporated into the "Low Emission

30 Vehicle" Regulations.31

32 Executive Order S-01-07 – Low Carbon Fuel Standard

In January 2007, the governor set a new standard for transportation fuels sold in California, which sets a

reduction of 2.5 percent in the carbon intensity of transportation fuels by 2015 and a reduction of at least 10 percent by 2020.

36

37 Senate Bill 375 – Sustainable Communities Strategy

In 2008, Senate Bill (SB) 375 was adopted to achieve the GHG reduction targets established in the

39 Climate Change Scoping Plan for the transportation sector through local land use decision that affect

40 travel behavior. In relevant part, SB 375 requires the Air Resources Board to set regional targets for GHG

41 emission reductions from passenger vehicles and light duty trucks. On September 23, 2010, CARB

42 accepted the Southern California Association of Governments—which includes Riverside County—

43 determination that its adopted Sustainable Communities Strategy would meet or exceed the regional GHG

emissions reduction goals of 8 percent by 2020 and 13 percent by 2015 (CARB 2012).

45

46 **Other Mobile Source Reduction Requirements**

Several other State provisions address the GHG emissions reduction targets set by CARB for mobile
 sources. Measures applicable to the proposed projects include the following:

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- Advanced Clean Cars Program: a set of regulations that would apply to new vehicles with model years between 2017 and 2025, with a goal of GHG emission reduction of 34 percent in 2025
- Heavy-Duty Truck GHG Regulations: regulations that apply to new heavy duty tractors and trailers to reduce GHG emissions
- On-Road Heavy Duty Diesel Vehicle Regulations: requires diesel trucks and buses to be
 upgraded to reduce GHG emissions under a phased implementation that would have almost all
 buses and trucks with 2010 engines by January 1, 2023.

9 Regulation for Reducing Sulfur Hexafluoride Emissions from Gas-Insulated Equipment

10 California Code of Regulations (CCR) Title 17, Sections 95350 to 95359, establish requirements for

11 reducing SF_6 emissions from gas-insulated equipment. The provisions of this regulation apply to owners

12 of active switchgear equipment. It specifies maximum allowable annual SF₆ emission rates, SF₆ inventory

13 measurement procedures, recordkeeping requirements, and annual SF₆ reporting requirements. Because

14 SF₆ is the most potent GHG (about 24,000 times the GWP of CO_2), even small gas-insulated devices

- 15 could be responsible for significant GHG emissions. The maximum allowable annual SF_6 emission rate
- specified is 1.0 percent of the total gas contained in gas-insulated equipment. This rate must be achieved by 2020 and each calendar year thereafter.
- 17 18

19 California Green Building Standards

20 CCR Title 24, Part 11 establishes the requirements to improve health, safety, and general welfare by 21 enhancing the planning, design, operation, construction, use, and occupancy of every newly constructed

building or structure throughout the State of California. Section 5.408 of this code establishes mandatory

23 requirements for construction waste reduction, disposal, and recycling for nonresidential building

- structures. In particular, Section 5.408.1 requires recycling and/or salvaging for reuse a minimum of 50
- 25 percent of the nonhazardous construction and demolition waste. In addition, Section 5.408 requires
- preparation of a construction waste management plan, selection of a waste management company that can
- provide verifiable documentation, alternatives for waste stream reduction, and requirements for managing
 excavated soils and land clearing debris.
- 28 29

30 4.7.2.3 Regional and Local 31

32 General Order No. 131-D

33 The CPUC has sole and exclusive state jurisdiction over the siting and design of the proposed Project. Pursuant to General Order No. 131-D, Section XIV.B, "Local jurisdictions acting pursuant to local 34 35 authority are preempted from regulating electric power line projects, distribution lines, substations, or electric facilities constructed by public utilities subject to the CPUC's jurisdiction. However, in locating 36 such projects, the public utilities are directed to consider local regulations and consult with local agencies 37 38 regarding land use matters." Consequently, public utilities are directed to consider local regulations and consult with local agencies regarding land use matters." Consequently, public utilities are directed to 39 40 consider local regulations and consult with local agencies, but the county and cities' regulations are not 41 applicable as the county and cities do not have jurisdiction over the proposed Project. Accordingly, a 42 discussion of local land use regulations is provided in the following subsections for informational 43 purposes only." 44

45 South Coast Air Quality Management District Greenhouse Gas Interim Threshold

46 The South Coast Air Quality Management District (SCAQMD) is the regional agency with primary

responsibility for air quality management in the proposed project area. To address GHG regulatory

1 developments, SCAQMD issued Draft Guidance Document: Interim CEQA Greenhouse Gas Significance

2 *Threshold* (SCAQMD 2008) and adopted a threshold of 10,000 metric tons of carbon dioxide equivalent

3 (MTCO₂e) for industrial projects (SCAQMD 2011).

5 Southern California Association of Governments Regional Transportation Plan/ 6 Sustainable Communities Strategy

7 On April 2012, the Southern California Association of Governments (SCAG) Regional Council adopted

8 the final 2012-2035 Regional Transportation Plan (RTP)/Sustainable Communities Strategy (SCS), which

9 achieves a 9 percent per capita reduction by 2020 and a 16 percent per capita reduction by 2035,

10 compared to a 2005 level (SCAG 2012). On June 2012, CARB issued EO G-12-039, which accepts

11 SCAG's quantification of GHG emission reductions from the adopted 2012 RTP/SCS and the

determination that the SCS would, if implemented, achieve the 2020 and 2035 GHG emission reduction

targets established by the state pursuant to SB 375. A key element of the 2012 RTP/SCS applicable to the

14 proposed project is transportation demand management, which includes measures that reduce or eliminate

15 peak-period demand on the transportation network, such as encouraging and incentivizing carpooling,

telecommuting, vanpooling, and other innovative programs such as "parking pay-out."

17

18 Western Riverside Council of Governments Subregional Climate Action Plan

19 The Western Riverside Council of Governments (WRCOG) published in 2014 the WRCOG Subregional

20 Climate Action Plan (CAP), which sets forth GHG emission reduction targets and measures to

21 demonstrate consistency with AB 32 mandates. Twelve cities in Western Riverside County are

22 participating in this Subregional CAP, including the cities of Perris and Wildomar in the area of the

23 proposed projects. In addition to the implementation of federal, state, and regional GHG emissions

reduction measures, the Subregional CAP also proposes the implementation of local measures by major economic sectors: energy, transportation and land use, water, and waste. State, regional, and local

26 measures listed in the plan and applicable to the proposed projects include the following (WRCOG 2014):

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- SR-2 California Building Energy Efficiency Standards (California Code of Regulations Title 24, Part 6)
- 30 SR-6 Pavley & Low Carbon Fuel Standard (AB 1493)
- 31 SR-11 Goods Movement
- 32 SR-13 Construction and Demolition Waste Diversion 3
 - SR-14 Water Conservation and Efficiency

35 **County of Riverside General Plan and Climate Action Plan**

The Riverside County General Plan (Riverside County 2008) Policy relevant to GHG emission reductions
 and the proposed projects is:

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• **Policy AQ 5.1:** Use source reduction, recycling, and other appropriate measures to reduce the amount of solid waste disposal in landfills.

Riverside County has released a Draft EIR for its CAP. The CAP had not been adopted at the time of the release of the Notice of Preparation for the proposed projects' EIR and is therefore not discussed further

44 in this section.

1 City of Lake Elsinore General Plan and Climate Action Plan

The City of Lake Elsinore's General Plan contains the following goal and policy relevant to GHG
 emissions and the proposed projects:

- **Goal 14:** Reduce greenhouse gas emissions from all activities within the City boundaries to support the State's efforts under AB-32 and to mitigate the impact of climate change on the City, State, and world
- **Policy 14.1:** By 2020, the City will reduce greenhouse gas emission from within its boundaries to 1990 levels consistent with AB 32.

Lake Elsinore's CAP (City of Lake Elsinore 2011b) is meant to implement Goal 14 and aims to reduce
local GHG emissions. The strategies and measures focus on the construction of new buildings within city
limits, but no new building would be constructed within city limits as part of the proposed projects.
Measures that apply to recycling would go into effect in 2020, after construction of the proposed projects
is completed. Therefore, the CAP is not discussed further in this section.

17 City of Menifee General Plan

The City of Menifee General Plan Open Space and Conservation Element (City of Menifee 2013b)identifies the following policies applicable to GHGs:

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- **Policy OCS-10.1:** Align the city's local GHG reduction targets to be consistent with the statewide GHG reduction target of AB 32.
- **Policy OCS-10.2:** Align the city's long-term GHG reduction goal consistent with the statewide GHG reduction goal of Executive Order S-03-05.

26 City of Wildomar

27 At the time of preparation of this document, the City of Wildomar had not adopted a general plan.

28 Wildomar was incorporated in 2008 and adopted all County of Riverside ordinances at that time. County

29 ordinances remain in effect until the City enacts ordinances to supersede them. Policies listed above under

30 the Riverside County General Plan as applicable to the proposed Alberhill Project also apply to the City

of Wildomar. No components of the Valley-Ivyglen Project are located within the City of Wildomar.

3233 City of Perris

34 The City of Perris General Plan has several policies related to GHGs and climate change (City of Perris

2015). Relevant policies include requirements for drought-resistant planting, gray water use in new

36 development, and use of permeable pavement materials. The component s of the proposed Valley–

37 Ivyglen Project located in Perris would not involve landscaping or pavement. Therefore, the City of Perris

- 38 General Plan is not discussed further in this section.
- 39

40 City of Orange

The City of Orange General Plan and Natural Resources Element (City of Orange 2010) identifies the
 following policies applicable to GHGs:

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- Goal 3.0: Prepare for and adapt to the effects of climate change and promote practices that decrease the City's contribution to climate change.
- 46
 Policy 3.1: Evaluate the potential effects of climate change on the City's human and natural systems and prepare strategies that allow the City to appropriately respond and adapt.

• **Policy 3.2**: Develop and adopt a comprehensive strategy to reduce greenhouse gasses (GHGs) within Orange by at least 15 percent from current levels by 2020.

5 United States Forest Service Cleveland National Forest Land Management Plan

The proposed Alberhill Project would involve installation of two new telecommunication antennas at
the Santiago Peak Communications Site, which is located within the Cleveland National Forest. The
Cleveland National Forest Land Management Plan does not include any policies, goals, or programs
related to greenhouse gas emissions (USFS 2005). The Cleveland National Forest Land Management Plan
is not discussed further.

4.7.3 Methodology and Significance Criteria

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14 Direct emissions of GHGs generated from equipment/vehicle usage during construction and operation of 15 the proposed projects were estimated from assumptions regarding use of equipment/vehicles and 16 published emission factors. Direct emissions of GHGs due to SF_6 leakage from electrical equipment were estimated based on SF₆ storage capacities in this equipment and conservative leakage rates. Indirect GHG 17 18 emissions associated with electricity use for the new electrical compressors to be installed were based on 19 anticipated operation of these compressors. In addition, projected decreases in GHGs due to the removal 20 of the existing gas turbine-driven compressors were estimated based on past equipment use, past air testing data, and published emission factors. 21 22

Potential impacts on GHG emissions were evaluated according to the following significance criteria. The
 criteria were defined based on the checklist items presented in Appendix G of the CEQA Guidelines. The
 proposed projects would cause a significant impact on GHG emissions if they would:

- a) Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment; or
- b) Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emission of GHGs.
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Additionally, SCAQMD guidance proposes an interim significance threshold of 10,000 MTCO₂e per year for stationary/industrial projects subject to CEQA review (SCAQMD 2011). A project's construction emissions, amortized over a 30-year period, are added to its annual operational emissions for comparison to this proposed threshold (SCAQMD 2008).

4.7.4 Environmental Impacts and Mitigation Measures (Valley–Ivyglen Project)

4.7.4.1 Project Commitments (Valley–lvyglen Project) 40

The applicant has not proposed any project commitments related to reduction of GHGs for the proposed
 Valley–Ivyglen Project.

4.7.4.2 Impacts Analysis (Valley–Ivyglen Project)

Impact GHG-1 (VIG): Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment

LESS THAN SIGNIFICANT

Construction

8 During construction of the proposed Valley–Ivyglen Project, GHGs, primarily CO₂, would be emitted by

9 diesel-fueled and gasoline-fueled construction equipment and on-road vehicles (e.g., delivery trucks,

10 helicopters, and worker vehicles). Approximately 8,445342 MTCO₂e would be generated by construction

11 activities. Amortized over a 30-year period, construction emissions would be approximately <u>282</u>278

12 MTCO₂e per year (Table 4.7-3). Calculations and assumptions are presented in Appendix B.

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GHG emissions from construction would be below the SCAQMD threshold. Impacts would be less than significant.

Table 4.7-3 Greenhouse Gas Emissions from Construction of the Proposed Valley–Ivyglen Project

Proposed Valley-Ivyglen Project Component	Greenhouse Gas Emissions (MTCO ₂ e)
115-kV Subtransmission Lines Construction ^a	8,054
Telecommunications ^b	391
Total emissions	8,445
Amortized (30-year period)	282
CPUC-Applied SCAQMD Threshold	10,000
Exceeds Threshold (Yes/No)	No
Sources: SCE 2015	· · · · · · · · · · · · · · · · · · ·

Key:

CPUC = California Public Utilities Commission

- kV = kilovolt
- LWS = lightweight steel

MTCO₂e = metric tons of carbon dioxide equivalent

ROW = right-of-way

SCAQMD = South Coast Air Quality Management District

TSP = tubular steel pole

Notes:

(a) 115-kV subtransmission line construction includes the following activities: survey, laydown yard operation, ROW clearing, roads & landing work, guard structure installation, install TSP foundations, TSP haul, TSP assembly, TSP erection, LWS pole haul, LWS pole assembly, install LWS pole, install conductor, guard structure removal, restoration, remove conductor and ground wire, LWS pole removal, vault installation, duct bank installation, install underground cable, underground distribution, retaining walls, and blasting.

(b) Telecommunications construction includes the following activities required for fiber optic cable installation: overhead installation, underground installation, duct bank installation, manhole installation, and distribution relocation.

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18 **Operation and Maintenance**

19 Ongoing operation of the proposed Valley–Ivyglen Project would result in GHG emissions associated

20 with periodic maintenance/inspection. As shown in Table 4.7-4, annual emissions from maintenance and

21 inspection activities would be estimated at 11 MTCO₂e. GHG emissions from unforeseen emergency

repairs are not included in these estimates but would be far below the 10,000-metric-ton threshold. GHG

23 emissions calculations are presented in Appendix B.

Table 4.7-4	Estimated Annual Greenhouse Gas Emissions from the
	Proposed Valley–Ivyglen Project Operations

Emission Type	Greenhouse Gas Emissions (MTCO ₂ e)
Annual Operations Emissions (Maintenance/Inspection Vehicle)	11
Amortized Construction Emissions (30-year period)	282
Total Annualized Emissions (Construction and Operations)	293
CPUC-Applied SCAQMD Threshold	10,000
Exceeds Threshold (Yes/No)	No
Source: CPUC 2009; SCE 2014; SCAQMD 2007	

Key:

MTCO₂E = metric tons carbon dioxide equivalent

GHG emissions from operation and maintenance would be below the SCAQMD threshold. Impacts would be less than significant.

Impact GHG-2 (VIG): Conflict with any applicable plan, policy or regulation adopted for the purpose of reducing the emission of GHGs NO IMPACT

9 Project construction and operation would result in emissions covered by several relevant, plans, policies,

and regulations. Table 4.7-5 contains an analysis of conformity with those plans, policies, and

11 regulations.

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Table 4.7-5 Valley–Ivyglen Project Conformity with Plans, Policies, and Regulations

Plan, Policy, or Regulation	Consistency Analysis
Federal vehicle emissions	The project would be subject to federal vehicle regulations and would therefore utilize vehicles
standards	that comply with federal vehicle emissions standards.
AB 32	The project would be subject to and comply with policies and measures in the AB 32 Scoping Plan that have been and will be implemented as regulations.
AB 1493—Pavley	The project would be subject to state vehicle regulations and would therefore utilize vehicles that comply with state vehicle emissions standards.
EO S-01-07—Low Carbon Fuel Standard	Fuels purchased for the project would be required to comply with the Low Carbon Fuel Standard.
Advanced Clean Cars Program	Vehicles with a model year from 2017 to 2025 purchased for the proposed project would comply with regulations in the Advanced Clean Cars Program.
Heavy Duty Truck GHG Regulations	The project would be subject to heavy duty truck and trailer regulations and would therefore utilize heavy duty truck and trailers that comply with state regulations.
On-Road Heavy Duty Diesel Vehicle Regulations	The project would be subject to heavy duty truck and trailer regulations and would therefore utilize heavy duty truck and trailers that comply with state regulations.
SCAG Regional Transportation Plan/Sustainable Communities Strategy	The applicant has not proposed to have its workers participate in any transportation demand management programs such as carpooling or ridesharing. However, the applicable policy from the strategy only aims to encourage such behavior. The proposed project would therefore not be inconsistent with this plan.
Western Riverside Council of Governments Subregional Climate Action Plan	The project would be consistent with AB 1493, as previously discussed in this table, and would therefore be consistent with Measure SR-6. In addition, the project would be subject to and comply with policies and measures included in the regional SCS/RTP and the South Coast Air Quality Management Plan for the use of low emission trucks consistent with state legislation. Therefore, the project would be consistent with Measure SR-11 of this plan.
	During construction of the proposed Valley–Ivyglen Project, approximately <u>5636</u> million gallons of water would be required. The project would obtain water from an local water agency subject to the local jurisdiction's per-capita water use in compliance with the SB X7-7 requirements.

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	Therefore, the project is consistent with Measure SR-14 of this plan.
County of Riverside General	A portion of project waste would be recycled or salvaged. The proposed Valley–Ivyglen Project
Plan Policy AQ 5.1	would generate approximately 40 tons of solid waste during construction that would either be
	recycled or salvaged. Therefore, the proposed project would be consistent with this policy.
City of Menifee General Plan	Since the proposed project would be consistent with AB 32, as described in this table, it would
Policy OCS-10.1	also be consistent with this policy.
City of Menifee General Plan	Since the proposed project would be consistent with EO S-03-05, as described in this table, it
Policy OCS-10.2	would also be consistent with this policy.

Key:

AB = Assembly Bill

EO = Executive Order

RTP = Regional Transportation Plan

SCS = Sustainable Communities Strategy

As demonstrated in Table 4.7-5, the proposed Valley–Ivyglen Project would be consistent with all applicable plans, policies, and regulations. There would be no impact.

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4.7.5 Environmental Impacts and Mitigation Measures (Alberhill Project)

4.7.5.1 Project Commitments (Alberhill Project)

9 The applicant has not proposed any project commitments related to reduction of GHGs for the proposed10 Alberhill Project.

12 4.7.5.2 Impacts Analysis (Alberhill Project)13

Impact GHG-1 (ASP): Generate GHG emissions, either directly or indirectly, that may have a a cignificant impact on the environment

15 16

16 17 significant impact on the environment LESS THAN SIGNIFICANT

18 Construction

19 During construction of the proposed Alberhill Project, GHGs, primarily CO₂, would be emitted from 20 engine exhaust of diesel- and gasoline-fueled construction equipment and on-road vehicles (e.g., delivery 21 trucks, helicopters, and worker vehicles). Construction of the proposed substation would involve one of 22 two soil import options: importing soil from a 5.2-acre source area located adjacent to the northeastern 23 side of the proposed Alberhill Substation site (Import Soil Option 1) or trucking in soil from a local 24 quarry located approximately 32 miles from the proposed substation site (Import Soil Option 2). Refer to 25 Section 2.4.4.2, "Fill, Grading, Drainage, and Surface Materials," for further details. 26 27 Emissions are detailed in Table 4.7-6. Based on the proposed construction equipment and vehicle use, it is 28 estimated that approximately 5,116122 MTCO₂e would be generated from all project construction

activities under Import Soil Option 1 using the conventional method for 500-kV transmission line

30 construction, and total GHG emissions would increase by 4 percent (5,330 MTCO₂e) if the helicopter 31 construction method is used. The increased emissions would be due to greater helicopter use under the

construction method is used. The increased emissions would be due to greater helicopter use under the
 helicopter construction method when compared to the conventional method. Approximately 5,122116

 $MTCO_2$ e would be generated under Import Soil Option 2 using the conventional construction method for

500-kV transmission line construction, with a similar 4 percent increase in total GHG emissions if the

helicopter construction method is used. Refer to Section 2.4.5.5, "500-kV Tower Construction (Alberhill

36 Project)," for a description of the different options for 500-kV construction. Refer to Section 2.4.6.2,

37 "Fill, Grading, Drainage, and Surface Materials," for a discussion of the two import soil options.

Construction GHG Emissions (MTCO ₂ e)			
Conventio	nal Method	Helicopter	Construction
Import Soil Option 1	Import Soil Option 2	Import Soil Option 1	Import Soil Option 2
284	284	284	284
12	12	12	12
1,675	1,670	1,675	1,670
1,330	1,330	1,461	1,461
1,714	1,714	1,791	1,791
107	107	107	107
5 <u>,116</u> 122	5 <u>,122</u> 116	5, <u>325</u> 330	5, <u>330</u> 325
171	171	178	178
10,000	10,000	10,000	10,000
No	No	No	No
	Import Soil Option 1 284 12 1,675 1,330 1,714 107 5,116422 171 10,000	(MT Conventional Method Import Soil Import Soil Option 1 Option 2 284 284 12 12 1,675 1,670 1,330 1,330 1,714 1,714 107 107 5,116422 5,122416 171 171 10,000 10,000	(MTCO2e) Conventional Method Helicopter (1) Import Soil Import Soil Import Soil Option 1 Option 2 Option 1 284 284 284 12 12 12 1,675 1,670 1,675 1,330 1,330 1,461 1,714 1,714 1,791 107 107 107 5, <u>116422</u> 5, <u>122416</u> 5, <u>325330</u> 171 171 178 10,000 10,000 10,000

Table 4.7-6	Estimated Greenhouse Gas Emissions from Construction of the Proposed Alberhill
	Project

Source: SCE 201 Key: CPUC = Californi

CPUC = California Public Utilities Commission GHG = greenhouse gas kV = kilovolt MTCO2e = metric tons of carbon dioxide equivalent SCAQMD = South Coast Air Quality Management District

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Amortized over 30 years, construction emissions are estimated to be up to 178 MTCO₂e per year under either construction method and either import soil option (Table 4.7-6). Calculations and assumptions are presented in Appendix B.

5

6 GHG emissions from construction would be below the SCAQMD threshold. Impacts would be less than7 significant.

8

9 **Operation and Maintenance**

10 GHG emissions would be generated during maintenance and inspection of proposed Alberhill Project

11 components. Maintenance vehicles would emit CO₂ and CH₄, but the majority of GHG emissions (in

12 terms of CO_2e) would be from SF_6 leaks from electrical equipment. Fugitive emissions of SF_6 would be

- 13 emitted from gas-insulated equipment at the Alberhill Substation. The 500-kV gas-insulated switchrack
- 14 proposed to be installed at the substation would contain up to 50,000 pounds of SF₆. In addition, circuit
- breakers to be installed on the proposed 115-kV switchrack at the same site would contain up to 15,000
- 16 pounds of SF_6 (SCE 2011). Table 4.7-7 shows estimated emissions during operation. GHG emissions
- 17 calculations are presented in Appendix B. Annual GHG emissions from operational activities are
- estimated to be approximately 3,371 MTCO₂e. When combined with amortized construction GHG
- emissions, the total is estimated to be between 3,542 and 3,549 MTCO₂e, depending on the 500-kV
- transmission line construction technique to be used (Table 4.7-7). GHG emissions from unforeseen
- emergency repairs are not included in these estimates but would be far below the 10,000-metric-tonthreshold.
- 23

Table 4.7-7	Estimated Greenhouse Gas Emissions from Operation of the Proposed Alberhill
	Project

Project	Annual GHG Emissions
Emission Source	(MTCO ₂ e/year)
Emergency Diesel Generator	8
Motor Vehicle Use ¹	2
SF ₆ Leakage ²	3,361
Total - Operations	3,371
Amortized Construction Emissions (30-year period) ³	171 to 178
Total Annualized Emissions (Construction and Operations)	3,542 to 3,549
CPUC-Applied SCAQMD Threshold	10,000
Exceeds Threshold (Yes/No)	No
Source: SCE 2011	
Key:	
ICCy.	
5	
$\dot{CO_2}$ = carbon dioxide	
5	
CO ₂ = carbon dioxide CO ₂ e = carbon dioxide equivalent CPUC = California Public Utilities Commission	
CO ₂ = carbon dioxide CO ₂ e = carbon dioxide equivalent CPUC = California Public Utilities Commission GWP = global warming potential	
CO ₂ = carbon dioxide CO ₂ e = carbon dioxide equivalent CPUC = California Public Utilities Commission GWP = global warming potential Ibs = pounds	
CO ₂ = carbon dioxide CO ₂ e = carbon dioxide equivalent CPUC = California Public Utilities Commission GWP = global warming potential Ibs = pounds MTCO ₂ e = metric tons of carbon dioxide equivalent	
CO ₂ = carbon dioxide CO ₂ e = carbon dioxide equivalent CPUC = California Public Utilities Commission GWP = global warming potential lbs = pounds MTCO ₂ e = metric tons of carbon dioxide equivalent SCAMD = South Coast Air Management District	
CO ₂ = carbon dioxide CO ₂ e = carbon dioxide equivalent CPUC = California Public Utilities Commission GWP = global warming potential lbs = pounds MTCO ₂ e = metric tons of carbon dioxide equivalent SCAMD = South Coast Air Management District SF ₆ = sulfur hexafluoride	
CO ₂ = carbon dioxide CO ₂ e = carbon dioxide equivalent CPUC = California Public Utilities Commission GWP = global warming potential lbs = pounds MTCO ₂ e = metric tons of carbon dioxide equivalent SCAMD = South Coast Air Management District SF ₆ = sulfur hexafluoride VMT = vehicle miles traveled	
CO ₂ = carbon dioxide CO ₂ e = carbon dioxide equivalent CPUC = California Public Utilities Commission GWP = global warming potential lbs = pounds MTCO ₂ e = metric tons of carbon dioxide equivalent SCAMD = South Coast Air Management District SF ₆ = sulfur hexafluoride VMT = vehicle miles traveled Notes:	
CO ₂ = carbon dioxide CO ₂ e = carbon dioxide equivalent CPUC = California Public Utilities Commission GWP = global warming potential lbs = pounds MTCO ₂ e = metric tons of carbon dioxide equivalent SCAMD = South Coast Air Management District SF ₆ = sulfur hexafluoride VMT = vehicle miles traveled	nptions: 65 VMT/day for transmission
CO_2 = carbon dioxide CO_2 = carbon dioxide equivalent CPUC = California Public Utilities Commission GWP = global warming potential lbs = pounds $MTCO_2$ = metric tons of carbon dioxide equivalent SCAMD = South Coast Air Management District SF_6 = sulfur hexafluoride VMT = vehicle miles traveled Notes: ¹ Direct emissions of CO ₂ estimated based on VMT per day and 1.1lbs CO ₂ /mile. Assure	
 CO₂ = carbon dioxide CO₂e = carbon dioxide equivalent CPUC = California Public Utilities Commission GWP = global warming potential lbs = pounds MTCO₂e = metric tons of carbon dioxide equivalent SCAMD = South Coast Air Management District SF₆ = sulfur hexafluoride VMT = vehicle miles traveled Notes: 1 Direct emissions of CO₂ estimated based on VMT per day and 1.1lbs CO₂/mile. Assur line inspection, 62 VMT/day for subtransmission line inspection, and 60 VMT/day for subtransmission 	substation maintenance.
 CÓ₂ = carbon dioxide CO₂e = carbon dioxide equivalent CPUC = California Public Utilities Commission GWP = global warming potential lbs = pounds MTCO₂e = metric tons of carbon dioxide equivalent SCAMD = South Coast Air Management District SF₆ = sulfur hexafluoride VMT = vehicle miles traveled Notes: 1 Direct emissions of CO₂ estimated based on VMT per day and 1.1lbs CO₂/mile. Assur line inspection, 62 VMT/day for subtransmission line inspection, and 60 VMT/day for s² 	substation maintenance. to have SF ₆ leak rates of 0.5% or
 CÓ₂ = carbon dioxide CO₂e = carbon dioxide equivalent CPUC = California Public Utilities Commission GWP = global warming potential lbs = pounds MTCO₂e = metric tons of carbon dioxide equivalent SCAMD = South Coast Air Management District SF₆ = sulfur hexafluoride VMT = vehicle miles traveled Notes: ¹ Direct emissions of CO₂ estimated based on VMT per day and 1.1lbs CO₂/mile. Assur line inspection, 62 VMT/day for subtransmission line inspection, and 60 VMT/day for set and the set of the s	substation maintenance. to have SF_6 leak rates of 0.5% or rate from equipment storing 65,000
 CÓ₂ = carbon dioxide CO₂e = carbon dioxide equivalent CPUC = California Public Utilities Commission GWP = global warming potential lbs = pounds MTCO₂e = metric tons of carbon dioxide equivalent SCAMD = South Coast Air Management District SF₆ = sulfur hexafluoride VMT = vehicle miles traveled Notes: ¹ Direct emissions of CO₂ estimated based on VMT per day and 1.1lbs CO₂/mile. Assur line inspection, 62 VMT/day for subtransmission line inspection, and 60 VMT/day for s² ² The applicant would install new gas-insulated equipment certified by the manufacturer less per year. Direct emissions of SF₆ are therefore estimated by assuming 0.5% leak lbs of SF₆, which would equal 325 lbs of SF₆/year, or 3,361 MTCO₂e/year (using a GW) 	substation maintenance. to have SF ₆ leak rates of 0.5% or rate from equipment storing 65,000 VP of 22,800, per Table 4.7-1).
 CÓ₂ = carbon dioxide CO₂e = carbon dioxide equivalent CPUC = California Public Utilities Commission GWP = global warming potential lbs = pounds MTCO₂e = metric tons of carbon dioxide equivalent SCAMD = South Coast Air Management District SF₆ = sulfur hexafluoride VMT = vehicle miles traveled Notes: ¹ Direct emissions of CO₂ estimated based on VMT per day and 1.1lbs CO₂/mile. Assur line inspection, 62 VMT/day for subtransmission line inspection, and 60 VMT/day for set and the set of the s	substation maintenance. to have SF ₆ leak rates of 0.5% or rate from equipment storing 65,000 VP of 22,800, per Table 4.7-1).

Greenhouse gas emissions from construction would be below the SCAQMD threshold. Impacts would be less than significant.

2 Greenhood
3 less than
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5 Impact (6)

Impact GHG-2 (ASP): Conflict with any applicable plan, policy or regulation adopted for the purpose of reducing the emission of GHGs. NO IMPACT

89 Project construction and operation would result in emissions covered by several relevant, plans, policies,

10 and regulations. Table 4.7-8 contains an analysis of conformity with those plans, policies, and

11 regulations.

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Table 4.7-8 Alberhill Project Conformity with Plans, Policies, and Regulations

Plan, Policy, or Regulation	Consistency Analysis
Federal vehicle emissions standards	The project would be subject to federal vehicle regulations and would therefore
	utilize vehicles that comply with federal vehicle emissions standards.
AB 32	The project would be subject to and comply with policies and measures in the AB
	32 Scoping Plan that have been and will be implemented as regulations.
AB 1493—Pavley	The project would be subject to state vehicle regulations and would therefore utilize
	vehicles that comply with state vehicle emissions standards.
EO S-01-07—Low Carbon Fuel Standard	Fuels purchased for the project would be required to comply with the Low Carbon
	Fuel Standard.
Advanced Clean Cars Program	Vehicles with a model year from 2017 to 2025 purchased for the proposed project
	would comply with regulations in the Advanced Clean Cars Program.

Plan, Policy, or Regulation	Consistency Analysis
Heavy Duty Truck GHG Regulations	The project would be subject to heavy duty truck and trailer regulations and would
	therefore utilize heavy duty truck and trailers that comply with state regulations.
On-Road Heavy Duty Diesel Vehicle	The project would be subject to heavy duty truck and trailer regulations and would
Regulations	therefore utilize heavy duty truck and trailers that comply with state regulations.
State regulations for reducing SF6 emissions from gas insulated switchgear (17 CCR Sections 95350 to 95359).	By 2020, the maximum emission requirement would be 1 percent per year for all gas-insulated equipment; the applicant would only purchase and install gas-insulated equipment with a manufacturer's certified SF ₆ leak rate of 0.5 percent per year or less, and implement SF ₆ best management practices during operation and maintenance of the proposed Alberhill Project. The applicant currently complies with the maximum annual SF ₆ emission rate requirements established by 17 CCR 95352.
SCAG Regional Transportation Plan/Sustainable Communities Strategy	The applicant has not proposed to have its workers participate in any transportation demand management programs such as carpooling or ridesharing. However, the applicable policy from the strategy only aims to encourage such behavior. The proposed project would therefore not be inconsistent with this plan.
Western Riverside Council of Governments Subregional Climate Action Plan	The project would be consistent with AB 1493, as previously discussed in this table, and would therefore be consistent with Measure SR-6. In addition, the project would be subject to and comply with policies and measures included in the regional SCS/RTP and AQMP for the use of low emission trucks consistent with state legislation. Therefore, the project would be consistent with Measure SR-11 of this plan.
	Measure SR-13 requires compliance with the mandatory requirement to divert 50 percent of construction and demolition waste from the landfill waste stream. The applicant would be required to comply with applicable waste reduction standards for covered buildings on the Alberhill Substation site. The Alberhill Project would be constructed in compliance with the California Building Standards Code, Title 24, CCR, which requires a minimum of 50 percent of non-hazardous construction and demolition waste and implementation of a construction waste management plan (Part 11, Section 5.408). Therefore, the project would be consistent with Measure SR-13 of this plan.
	The applicant has indicated approximately 40 tons of solid waste would be either recycled or salvaged, which represents approximately 0.03 percent of the total construction waste that would be generated (142,070 tons). However, the actual percentage of recyclable waste from building construction is unknown. Therefore, the project has the potential to be inconsistent with Measure SR-13.
	Construction of the Alberhill Project would require approximately <u>5539</u> million gallons of water. Operation of the project would require approximately 3,000 gallons per year. The project would obtain water from local water agency subject to the local jurisdiction's per-capita water use in compliance with the SB X7-7 requirements. Therefore, the project would not be inconsistent with this Measure SR-14 of this plan
County of Riverside General Plan Policy AQ 5.1	A portion of project waste would be recycled or salvaged. The proposed Alberhill Project would generate approximately 40 tons of solid waste during construction that would either be recycled or salvaged. Therefore, the proposed project would be consistent with this policy.
City of Menifee General Plan Policy OCS- 10.1	Since the proposed project would be consistent with AB 32, as described in this table, it would also be consistent with this policy.

Table 4.7-8 Alberhill Project Conformity with Plans, Policies, and Regulations

Plan, Policy, or Regulation	Consistency Analysis
City of Menifee General Plan Policy OCS- 10.2	Since the proposed project would be consistent with Executive Order S-03-05, as described in this table, it would also be consistent with this policy.
Key: AB = Assembly Bill AQMP = Air Quality Management Plan CCR = California Code of Regulations EO = Executive Order GHG = greenhouse gas RTP = Regional Transportation Plan SB = Senate Bill SCAG = Southern California Association of Gove	
SCS = Sustainable Communities Strategy	
As demonstrated in Table 4.7-8, the applicable plans, policies, and regul	e proposed Alberhill System Project would be consistent with all lations. There would be no impact.
4.7.6 References	
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Table 4.7-8 Alberhill Project Conformity with Plans, Policies, and Regulations

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