

PM₁₀

CO₂

ROG

O₃

SF₆

NO_x

CO₂E

CH₄

N₂O

H₂O

CH₄

HFC

ROG

O₃

SF₆

NO_x

SF₆

NO_x

CO₂E

CH₄

PM₁₀

CO₂

ROG

O₃

SF₆

Appendix G: Mitigation Measures (Greenhouse Gases)

The District has not established a threshold for GHGs. The following mitigation measures are provided as general guidance for the types of measures that could potentially be proposed for land use projects. Please note that these measures may or may not be applicable to any specific project. This appendix is intended to be utilized as a “menu” of potential measures. Approximate reductions of CO₂ for each measure are listed in Appendix F. The applicant should contact the District for specific information regarding applicable measures for each specific project.

Residential

1. Prior to the issuance of a Building Permit, the floor plans and/or exterior elevations submitted in conjunction with the Building Permit application shall show that the applicant has met all conditions required in order for each residence within the approved subdivision to be certified as a (choose one: Certified / Silver /Platinum) LEED building.
2. Prior to the issuance of a Building Permit, the floor plans and/or exterior elevations submitted in conjunction with the Building Permit application for each residence within the approved subdivision shall show that each residence shall meet [CalGreen](#) (choose one: Tier 1 / Tier 2) requirements in place at the time of Building Permit issuance.
3. Prior to the issuance of a Building Permit, the floor plans and/or exterior elevations submitted in conjunction with the Building Permit application for each residence within the approved subdivision shall show that each residence includes a complete solar water heating system.
4. Prior to the issuance of a Building Permit, the floor plans and exterior elevations submitted in conjunction with the Building Permit application, shall show that the applicant has installed _____ [insert number] solar panels or Photovoltaic roofing tiles on _____ [insert number] homes or structures throughout the project as follows: (describe lot numbers, locations, and/or building numbers and locations here).
5. Prior to the issuance of a Building Permit, the floor plans and/or exterior elevations submitted in conjunction with the Building Permit application for each residence within the approved subdivision shall show that each residence is “pre-plumbed” and structurally engineered for the future installation of a complete solar energy system.
6. Prior to the issuance of a Building Permit, the floor plans and/or exterior elevations submitted in conjunction with the Building Permit application for each residence within the approved subdivision shall show that each residence includes “Energy Star” rated (or greater) roofing materials.
7. Prior to the issuance of a Building Permit, the floor plans and/or exterior elevations submitted in conjunction with the Building Permit application for each residence within the approved subdivision shall show that each residence includes a “tank less” water heating system.
8. Prior to the issuance of a Building Permit, the floor plans and/or exterior elevations submitted in conjunction with the Building Permit application for each residence within the approved subdivision shall show that each residence includes a whole house ceiling fan.

9. Prior to the issuance of a Building Permit, the floor plans and/or exterior elevations submitted in conjunction with the Building Permit application for each residence within the approved subdivision shall show that each residence includes energy efficient lighting (both indoor and outdoor).
10. Prior to the issuance of a Building Permit, the floor plans and/or exterior elevations submitted in conjunction with the Building Permit application for each residence within the approved subdivision shall show that each residence includes "Energy Star" appliances (e.g., stoves, dishwashers, and any other appliances typically included with the initial installation by the builder).
11. Prior to the issuance of a Building Permit, the floor plans and/or exterior elevations submitted in conjunction with the Building Permit application for each residence within the approved subdivision shall show that each residence includes an energy efficient AC unit which exceeds the SEER ratio by a minimum of two points at the time of building permit issuance.
12. Prior to the issuance of a Building Permit, the floor plans and/or exterior elevations submitted in conjunction with the Building Permit application for each residence within the approved subdivision shall show that each residence includes HVAC duct sealing and that the ductwork shall be pressure balanced prior to the issuance of a certificate of occupancy.
13. Prior to the issuance of a Building Permit, the floor plans and/or exterior elevations submitted in conjunction with the Building Permit application for each residence within the approved subdivision shall show that each residence shall include an Energy efficient heating system. Furnaces are to be low NOX with an AFUE of 94 percent.
14. Prior to the issuance of a Building Permit, the floor plans and/or exterior elevations submitted in conjunction with the Building Permit application for each residence within the approved subdivision shall show that each residence shall only utilize programmable thermostat timers.
15. Prior to the issuance of a Building Permit, the floor plans and/or exterior elevations submitted in conjunction with the Building Permit application for each residence within the approved subdivision shall show that each residence shall only utilize low flow water fixtures such as low flow toilets, faucets, showers, etc.
16. Prior to approval of Improvement Plans the applicant shall only show "LED" type lights for all intersection traffic lights included on the Improvement Plans, including all on-site and off-site traffic lights.
17. Prior to approval of Improvement Plans the applicant shall only show energy efficient lighting for all street, parking, and area lighting associated with the project, including all on-site and off-site lighting.
18. Prior to approval of Improvement Plans the applicant shall include a bus shelter on the Improvement Plans located in the general vicinity as shown on the Site Plan approved for the project.
19. Prior to approval of Improvement Plans the applicant shall include a Class ___ bike lane on the Improvement Plans located in the general vicinity as shown on the Site Plan approved for the project.

PM₁₀
CO₂
ROG
O₃
SF₆
NO_x
CO₂E
CH₄
N₂O
H₂O
CH₄
HFC
ROG
O₃
CO₂
ROG
SF₆
NO_x
SF₆
NO_x
CO₂E
CH₄
PM₁₀
O₃
SF₆
SF₆
NO_x

PM₁₀

CO₂

ROG

O₃

SF₆

NO_x

CO₂E

CH₄

N₂O

H₂O

CH₄

HFC

ROG

O₃

SF₆

NO_x

SF₆

NO_x

CO₂E

CH₄

PM₁₀

CO₂

ROG

O₃

SF₆

Nonresidential

1. Prior to the issuance of a Building Permit, the floor plans and/or exterior elevations submitted in conjunction with the Building Permit application shall show that the applicant has met all conditions required in order for all structures within the proposed project to be certified as a (choose one: Certified / Silver /Platinum) LEED building.
2. Prior to the issuance of a Building Permit, the floor plans and/or exterior elevations submitted in conjunction with the Building Permit application shall include provisions for the installation of _____ (choose one: Solar panels / photovoltaic tiles) as indicated in the environmental document for the project.
3. Prior to the issuance of a Building Permit, the floor plans and/or exterior elevations submitted in conjunction with the Building Permit application shall show that the project includes a complete solar water heating system.
4. Prior to the issuance of a Building Permit, the floor plans and/or exterior elevations submitted in conjunction with the Building Permit application shall show that structures within the project are "pre-plumbed" and structurally engineered for the future installation of a complete solar energy system.
5. Prior to the issuance of a Building Permit, the floor plans and/or exterior elevations submitted in conjunction with the Building Permit application shall show that each structure within the project includes "Energy Star" rated (or greater) roofing materials.
6. Prior to the issuance of a Building Permit, the floor plans and/or exterior elevations submitted in conjunction with the Building Permit application shall show that each structure within the project includes energy efficient lighting (both indoor and outdoor).
7. Prior to the issuance of a Building Permit, the floor plans and/or exterior elevations submitted in conjunction with the Building Permit application shall show that each structure within the project includes an energy efficient AC unit which exceeds the SEER ratio by a minimum of two points at the time of building permit issuance.
8. Prior to the issuance of a Building Permit, the plans submitted in conjunction with the Building Permit application shall show that each structure within the project includes HVAC duct sealing and that the ductwork shall be pressure balanced prior to the issuance of a certificate of occupancy.
9. Prior to the issuance of a Building Permit, the floor plans and/or exterior elevations submitted in conjunction with the Building Permit application shall show that each structure within the project shall include an energy efficient heating system.
10. Prior to the issuance of a Building Permit, the plans submitted in conjunction with the Building Permit application shall show that each structure within the project shall only utilize programmable thermostat timers.
11. Prior to the issuance of a Building Permit, the plans submitted in conjunction with the Building Permit application shall show that each structure shall only utilize low flow water fixtures such as low flow toilets, faucets, showers, etc.
12. Prior to approval of Improvement Plans the applicant shall only show "LED" type lights for all intersection traffic lights included on the Improvement Plans, including all on-site and off-site traffic lights.

13. Prior to approval of Improvement Plans the applicant shall only show energy efficient lighting for all street, parking, and area lighting associated with the project, including all on-site and off-site lighting.
14. Prior to approval of Improvement Plans the applicant shall include a bus shelter on the Improvement Plans located in the general vicinity as shown on the Site Plan approved for the project.
15. Prior to approval of Improvement Plans the applicant shall include a Class ___ bike lane on the Improvement Plans located in the general vicinity as shown on the Site Plan approved for the project.

[Guide to the Nonresidential CALGreen Code](#) - *Second Edition*, November 2010

PM₁₀
 CO₂
 ROG
 O₃
 SF₆
 NO_x
 CO₂E
 CH₄
 N₂O
 H₂O
 CH₄
 HFC
 ROG
 O₃
 CO₂
 ROG
 SF₆
 NO_x
 SF₆
 NO_x
 CO₂E
 CH₄
 PM₁₀
 O₃
 SF₆
 SF₆
 NO_x