

# Checklist for Reviewing Solar Applications

## Submittal/Specifications

- 1. Solar panels must be configured in a rectangular array.
- 2. A physical sample or photo of the product must be provided for DRC review with submittal.
- 3. A minimum of 2 feet of exposed roof shall be maintained, separating all panels from roof edge, valley and/or peak.
- 4. 3 feet of separation from the roof ridge shall be maintained.
- 5. Location of all ancillary equipment must be indicated on the site plan.
- 6. Installation contractor shall be CEC (California Energy Commission) certified.

## Aesthetics

- 7. Photovoltaic panels must be dark in color such as black or dark blue.
- 8. All frames must be black. Other colors such as white, silver, natural aluminum, etc., are prohibited.
- 9. The glass layer must be anti-reflective.
- 10. Exposed elements other than panels and frames shall be painted to match the adjacent building surface.
- 11. Pipes and other wall-mounted equipment shall be painted to match house.

## Location/Visibility

- 12. All solar equipment exposed to the exterior shall be located in a manner that minimizes visual impact.
- 13. The solar equipment shall not be located on any portion of the roof where such equipment is visible from the common area or other lots so long as placement on other roof locations does not
  - (a) reduce the efficiency of the solar system by more than permitted by law, or
  - (b) increase the cost of a water heating system by more than permitted by law, or
  - (c) increase the cost of a photovoltaic system by more than permitted by law.

- 14. Support and ancillary solar equipment shall be enclosed and screened from view.
- 15. Pipes shall be routed so as to be in the most inconspicuous area away from common area and other lot view.
- 16. Hot water storage tanks shall be located inside the garage or within pool equipment enclosure.
- 17. Photovoltaic controls shall be located inside the house, garage or pool equipment enclosure.
- 18. Installation of panels on patio structures or secondary shade structures or landscape should be considered.

### **Roof Tiles**

- 19. When installing solar panels on homes under construction, the tile roof shall be omitted beneath the panels for a recessed appearance.
- 20. For existing homes, the tile roof shall be removed from beneath the panels if the removal process does not increase the installation cost above the amount permitted by law.
- 21. For both houses under construction and existing houses, a row of boosted tiles shall be installed to diminish the visibility of panels from the common area or lots owned by others.

### **Pool Panels**

- 22. Panels for swimming pool heating shall be rigid, not flexible.
- 23. Pool panels shall be mounted with the manifolds running horizontally and the collectors vertically.
- 24. Pool panels shall have ridged spacer bars + 1' on center to maintain tube spacing and uniformly bridge mission tiles.