

### **3. GENERAL POLICIES**

#### **3-2. Inclusion of Solar and Geothermal Energy Systems**

(Adopted by the Board of Supervisors on October 6, 2004, unless otherwise noted.)

##### **3-2.1. Purpose**

- 3-2.1.1. To promote emergency efficiency in County facilities through the inclusion of solar and geothermal energy systems where feasible.
- 3-2.1.2. To evaluate the cost effectiveness of solar and geothermal energy systems in all proposed new facilities and during renovation planning of existing facilities.

##### **3-2.2. Process**

- 3-2.2.1. Architects and engineers shall demonstrate their capability to design energy efficient power, heating and cooling systems for proposed County projects.
- 3-2.2.2. Solar and geothermal energy components shall be included into the project when appropriate and cost effective.
- 3-2.2.3. Calculations of Life Cycle Costs and Energy Analyses for heating and cooling system options as presented in the Professional and Construction Procurement Manual will be used during the design of the proposed project.
- 3-2.2.4. The Board of Supervisors may appoint at least one Board member to work with staff on all new County projects.
- 3-2.2.5. Staff will evaluate existing buildings annually and incorporate energy efficient modifications including solar and geothermal energy systems in all upcoming renovation projects, when appropriate.
- 3-2.2.6. The annual evaluation will be included in the Capital Improvements Program (CIP) submission.