

## **Energy Efficient Sustainable Policies**

These methods will address General Plan Policies CD-I-58 through CD-I-62

### **CD-I-58 Heat & Light**

1. Lighter roof and thicker insulation to minimize heat loss during winter months and heat gain during summer months
2. Photo voltaic shall be installed if projects will use more than 40,000 kilowatt hours per year of electricity
3. Natural light in each unit
4. Parking surfaces shaded
5. Large trees incorporated into Site Design decreasing heat island effect

### **CD-I-59 Surface Water Runoff**

1. Trees designed as a canopy along streets decreasing water flow and absorbing rain water
2. Large trees incorporated into the site design decreasing water flow and absorbing rain water
3. Storm water diverted to landscape areas where feasible

### **CD-I-60**

1. Energy star rated appliances and equipment (refrigerators, dishwashers, clothes washers, etc.) installed throughout or equivalent standard
2. Photovoltaic energy system included

### **CD-I-61 Adopt a Green Building Design Ordinance**

1. Not adopted as of yet

### **CD-I-62 Environmentally Sensitive Construction**

1. Recycled material: Fly ash concrete will be used (at least 20% fly-ash)
2. Low VOC carpeting/pad/adhesives will be used
3. Promote the purchase of locally or regionally available materials to reduce pollution from long deliveries.

Conserve water utilizing the following sustainable techniques:

1. Drought tolerant grasses and low water plantings
2. Low water irrigation methods
3. Water saving fixtures in all bathrooms/kitchens

Indoor air quality is a health and an environmental issue and we will increase indoor air quality by utilizing the following techniques:

1. Indoor Air Quality Management Plan will be included in the project specifications
2. Bathroom exhaust fans that are equipped with a humidistat sensor or timer will be used throughout.