

CITY OF CARLSBAD

COUNCIL POLICY STATEMENT

DATED: June 6, 2006

Policy No.	71
Date of Issue:	June 6, 2006
Effective Date	July 1, 2006
Cancellation Date	
Supersedes No.	

Subject: ENERGY CONSERVATION AND MANAGEMENT

Copies to: City Council, City Manager, City Attorney, Department Heads and Division Heads,
Employee Bulletin Boards, Press, File

PURPOSE:

It is the intent of the City Council that the City of Carlsbad exemplify the efficient use of energy and that measures are taken to successfully reach goals established by the City's Energy Conservation and Management Program.

BACKGROUND:

The citizens of the City of Carlsbad are entitled to an efficient use of resources. Inefficient use of energy contributes to energy shortages, negatively affecting the local economy and hampering the delivery of essential public services. It is therefore necessary that the City, within the areas of its authority, establish guidelines for the conservation of energy.

POLICY:

The extent of the City's influence on energy conservation varies with the degree of its authority in specific areas of energy consumption. The policy of the City and City-owned subsidiaries, in the categories of City Operations, and City Regulated Activities are as follows:

A. City Operations

1. Purchasing

It is the policy of the City to maximize energy conservation measures when purchasing equipment and products, e.g. "Energy Star" labeled products or products equivalent to this efficiency level whenever practicable.

2. Construction of Civic Facilities

It is the policy of the City that design and specifications for new civic facilities be evaluated and selected on the basis of total lifetime costs of construction and operation and that such specifications be reviewed continually so that the most current energy conservation techniques, materials, and appliances are utilized in their construction. The goal is that, whenever practicable, and within a reasonable cost/benefit ratio, new facilities will be designed to be at least 25% more energy efficient than required by the State of California, Title 24 Energy Regulations. The following principles will be encouraged for all newly constructed facilities and major building renovation projects for City facilities:

The City of Carlsbad strives to achieve LEED "Silver" Level Certification or the equivalent for all new City facilities. In addition to achieving LEED "Silver" Level Certification or its equivalent,

CITY OF CARLSBAD

COUNCIL POLICY STATEMENT

DATED: June 6, 2006

Policy No.	71
Date Issue	June 6, 2006
Effective Date	July 1, 2006
Cancellation Date	
Supersedes No.	

Subject: ENERGY CONSERVATION AND MANAGEMENT

Copies to: City Council, City Manager, City Attorney, Department Heads and Division Heads,
Employee Bulletin Boards, Press, File

Council Policy 71 encourages the following sustainable building measures for all newly constructed Civic Facilities and major renovation projects:

- a. Whenever practicable and within a reasonable cost/benefit ratio, design and construct mechanical and electrical systems to achieve the maximum energy efficiency achievable with current technology. Project designers shall use computer modeling programs to analyze the effects of various design options and select the set of options producing the most energy efficient integrated design. Designers will strive to include energy efficiency measures to create a facility that is at least 25% more energy efficient than current California's Title 24 standards for both new construction and major renovation projects.

- b. When ever practicable and within a reasonable cost/benefit ratio, incorporate on-site self-generation of energy using renewable technologies to reduce environmental impacts associated with fossil fuel energy use. Newly constructed City facilities shall strive to generate a minimum of 10% of the project's energy demand, with a goal of 20% from renewable technologies (e.g., photovoltaic, wind, fuel cells). City buildings will be designed to take the maximum advantage of passive and natural sources of heat, cooling, ventilation and light.

- c. In order to maximize energy efficiency measures within these requirements, projects will combine energy efficiency measures requiring longer payback periods, with measures requiring shorter payback periods to determine the overall project period.

CITY OF CARLSBAD

COUNCIL POLICY STATEMENT

DATED: June 6, 2006

Page 3 of 3

Policy No.	71
Date Issue	June 6, 2006
Effective Date	July 1, 2006
Cancellation Date	
Supersedes No.	

Subject: ENERGY CONSERVATION AND MANAGEMENT

Copies to: City Council, City Manager, City Attorney, Department Heads and Division Heads,
Employee Bulletin Boards, Press, File

3. Building Maintenance and Operation

It is the policy of the City that all its buildings will be maintained and operated in such a fashion that the minimum amounts of energy are consumed. Standardized energy management and control systems shall be utilize in all Civic Facilities to minimize energy consumption.

4. Energy Reliability and Independence

It is the policy of the City to reduce demand on the energy grid and to enhance energy reliability and independence for City facilities. The City will pursue the innovative application of new non-depleting energy sources including but not limited to solar energy in the provision of its regular municipal functions.

B. City Regulated Activities

1. Building Code Revisions

It is the policy of the City to continually evaluate and update the Building Code so that the most current energy conservation regulations are incorporated in the plans for construction of buildings by the private sector.

2. Incentives

It is the policy of the City to create non-financial, building permit processing incentives (e.g priority building permit processing and inspections) to developers of private property that demonstrate a commitment to building projects that exceed the minimum standards in the State of California, Title 24 Energy Regulations.