

ORDINANCE NO. 999

AN ORDINANCE OF THE CITY OF REDMOND, WASHINGTON, AMENDING THE REDMOND MUNICIPAL CODE AND COMMUNITY DEVELOPMENT GUIDE, DGA-81-19, BY ADDING A NEW CHAPTER 20B.55 TO THE COMMUNITY DEVELOPMENT GUIDE TO ESTABLISH ENERGY MANAGEMENT GOALS AND POLICIES; REPEALING SECTION 20B.15.050; AND ESTABLISHING AN EFFECTIVE DATE.

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WHEREAS, a committee of citizens appointed by the Policy Advisory Commission studied the subject of energy management goals and policies and formulated recommended goals and policies, and

WHEREAS, the Policy Advisory Commission considered the recommended goals and policies and conducted a public hearing on September 9, 1981 for the purpose of accepting public input on and further considering said goals and policies and at the conclusion of said hearing voted to recommend approval of the energy committee's recommendations, and

WHEREAS, the City Council has considered the recommended energy management goals and policies at a public meeting and determined that said goals and policies should be adopted, now, therefore,

THE CITY COUNCIL OF THE CITY OF REDMOND, WASHINGTON, DO ORDAIN AS FOLLOWS:

Section 1. A new Chapter 20B.55 entitled "Energy" is hereby added to the Redmond Municipal Code and Community Development Guide to read as follows:

"20B.55.000 Energy

20B.55.010 Energy Profile

The energy profile is being developed utilizing the King County Energy Profile found in the Redmond Energy Planning Project report.

20B.55.020 Goal

55.020(05) Policy - Land use plans, policies and regulations should be updated to be consistent with energy-efficient land use goals, policies and programs.

55.020(10) Policy - Encourage land use development plans which offer innovative opportunities for energy efficiency.

55.020(15) Policy - The Land Use Planning process should identify, protect, and promote the utilization of energy resources including solar potential, favorable micro-climatic conditions, and on-site energy generation potentials.

55.020(20) Policy - Cluster development plans should be advocated in order to minimize energy use for the installation and maintenance of public facilities such as sewers, roads and surface water run-off management and utility distribution systems.

55.020(25) Policy - The location and development of residential and business areas should be planned in conjunction with transit facilities.

55.020(30) Policy - A balance in the location of employment and housing should be sought in order to reduce the energy used for commuting.

55.020(35) Policy - In areas which are or can be serviced by transit, increased residential and employment densities should be encouraged providing it is compatible with adjacent land uses.

55.020(40) Policy - Promote public acceptance of housing types and densities that are energy efficient.

55.020(45) Policy - The type and density of land uses which best take advantage of district wide systems for generating electricity, providing heat and/or sharing heat should be encouraged.

55.020(50) Policy - Large developments for commercial, industrial, institutional and residential uses should be located to take advantage of opportunities for cogeneration, community energy systems and utilization of waste heat.

#### 20B.55.030 Goal

Energy efficient building siting, design, construction and operation will be encouraged by the City of Redmond.

55.030.(05) Policy - Site plan and building design alternatives should be prepared, evaluated and selected to reflect considerations of conventional fuel usage and responsiveness to opportunities for solar and climatic design, on-site generation potentials and service availability to public transit.

55.030.(10) Policy - Energy-efficient building types and construction practices should be encouraged.

55.030.(15) Policy - Encourage site planning practices which are energy efficient and promote the use of renewable resources.

55.030.(20) Policy - New developments and redevelopment should be designed to minimize energy use for site preparation and the installation and maintenance of paved areas and storm water drainage systems.

55.030.(25) Policy - Building standards should be periodically revised in response to changes in technology and energy costs.

55.030.(30) Policy - Renewable energy resources, particularly passive solar applications, should be utilized in new and existing housing, commercial and industrial facilities as much as possible.

55.030.(35) Policy - The City should encourage use of and provide information on the life cycle cost and efficiency of energy consuming household equipment.

20B.55.040 Goal

Energy considerations shall be an integral part of Redmond's Transportation System.

55.040.(05) Policy - Encourage public awareness of the cost-effectiveness and other benefits of using energy-efficient vehicles.

55.040.(10) Policy - Encourage more direct and frequent transit service between activity centers such as high employment and commercial areas balancing service availability with cost effectiveness.

55.040.(15) Policy - Coordinate with Metro and other transportation agencies for the planning and development of transit facilities.

55.040.(20) Policy - Support the use of high-occupancy vehicle lanes, and other operational improvements as a means of encouraging transit usage.

55.040.(25) Policy - The City should support the investigation of energy-efficient transportation systems.

55.040.(30) Policy - Educational institutions should encourage their students and employees to car pool, use transit and bicycles and walk.

55.040.(35) Policy - Employers should encourage their employees to use energy efficient travel modes and working schedules.

55.040.(40) Policy - Pedestrians and bicycle travel should be encouraged as a convenient health and energy-efficient means of transportation and recreation.

55.040.(45) Policy - Bicycle and pedestrian facilities should provide safe and convenient access to employment, schools, shopping and recreational opportunities.

55.040.(50) Policy - A comprehensive pedestrian pathway and bicycle route plan should be updated and implemented in conjunction with adjacent jurisdiction.

55.040.(55) Policy - Private and public development and redevelopment should provide for well designed pedestrian and bicycle routes.

55.040.(60) Policy - Incorporate signalization, traffic light synchronization, intersection widening, improved transit access and other operational improvements which will increase energy efficiency and safety.

20B.55.050 Goal

Energy considerations will be an integral part of the budgeting, planning and administrative processes of the City of Redmond.

55.050(05) Policy - Energy considerations should be integrated into the development of the City operating budget and capital improvement program.

55.050(10) Policy - The City should demonstrate the use of conservation and renewable resource technologies in its facilities which are cost effective on a life cycle cost basis.

55.050(15) Policy - Cooperate with other local governments and utilities to exchange information and minimize energy consumption.

55.050(20) Policy - Procurement policies should consider the life cycle cost of energy-consuming items including vehicles.

55.050.(25) Policy - Procurement policies should be designed to minimize City energy expenditures on per capita basis.

55.050(30) Policy - City facilities should be operated and maintained to reflect sound energy management practices.

55.050(35) Policy - The City should use an effective fuel and maintenance accounting system for its vehicles.

55.050(40) Policy - City employees should adopt energy-efficient driving habits.

55.050(45) Policy - The City should actively pursue the use of innovative technologies and alternative fuels for the vehicle fleet.

55.050(50) Policy - The City should develop a van and car pool program, utilizing City-owned vehicles in addition to privately owned vehicles where feasible.

55.050(55) Policy - Redmond should assist other public and private organizations in the provision of specific information and techniques of energy conservation and renewable resources.

55.050(60) Policy - Data on energy consumption in City facilities should be readily available.

55.050(65) Policy - Ensure that the public is adequately informed about expected future energy costs and supply.

55.050(70) Policy - Encourage the development and use of alternative fuels, especially those produced from regionally available renewable resources.

55.050(75) Policy - The needs of low income residents should be recognized and addressed in energy conservation and renewable resource programs.

55.050(80) Policy - Insure the safe construction, installation and operation of the energy efficient technologies.

55.050(85) Policy - Encourage utilities to provide information, technical, and financial assistance programs which will encourage energy conservation and the development of renewable resources up to the true marginal costs of providing new power supplies.

55.050(90) Policy - Support the development of alternative financing methods for energy conservation and renewable energy resources technologies.

#### 20B.55.060 Goal

The City of Redmond will have the capability to operate during energy supply shortages.

55.060(05) Policy - The City should maintain essential public service.

55.060(10) Policy - The City should develop and adopt curtailment plans for petroleum fuels, electricity and natural gas in its facilities and vehicle fleets.

55.060(15) Policy - Coordinate and cooperate with other governments and the private sector in the development of community energy contingency plans.

Section 2. Section 20B.15.050 entitled "Community Goal," together with the Policies Sections 20B.15.050(05) - (25), is hereby repealed.

Section 3. This Ordinance shall be in full force and effect five (5) days after passage and publication by posting as provided by law.

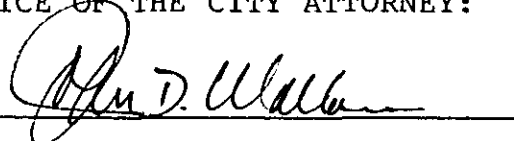
CITY OF REDMOND

  
MAYOR, CHRISTINE T. HIMES

ATTEST/AUTHENTICATED:

  
CITY CLERK, PAUL F. KUSAKABE

APPROVED AS TO FORM:  
OFFICE OF THE CITY ATTORNEY:

BY 

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| FILED WITH THE CITY CLERK:  | October 15, 1981 |
| PASSED BY THE CITY COUNCIL: | October 20, 1981 |
| SIGNED BY THE MAYOR:        | October 20, 1981 |
| POSTED:                     | October 22, 1981 |
| EFFECTIVE DATE:             | October 27, 1981 |