

MOTION NO. 5363

1
2 A MOTION adopting revised policies relating to energy conser-
3 vation for County facilities, systems and operations as recom-
4 mended in the final report of the Energy Management Plan.

5 WHEREAS, the County has declared its intent to revise and adopt new
6 energy policies consistent with the priorities of the Energy Management Plan
7 for King County, and

8 WHEREAS, the Energy Management Plan recommends that the County should
9 take a leadership role in the reduction of the use of energy through cost-
10 effective conservation and renewable resource practices and demonstration
11 programs in its buildings and operations, and

12 WHEREAS, energy cost savings from a facilities energy management program
13 would exceed, after five years, the programmed expenditures for such purposes,
14 and such savings would provide a public example of energy and cost savings,
15 and

16 WHEREAS, the lack of consideration for energy efficiency in new building
17 design, the lack of preventive maintenance programs for existing County build-
18 ings and equipment, the lack of a systematic prioritized schedule of energy
19 efficient capital investments, and the absence of an information system to
20 allow the monitoring of building energy consumption results in the consumption
21 of excess energy and increased expenditures of public funds to meet rising
22 energy costs;

23 NOW, THEREFORE, BE IT MOVED by the Council of King County:

24 A. The County Executive is directed to prepare a County facilities
25 energy management plan by October, 1982 which will be supplemental to and
26 integrated into the development of the annual Operating Budget and Capital
27 Improvement Program.

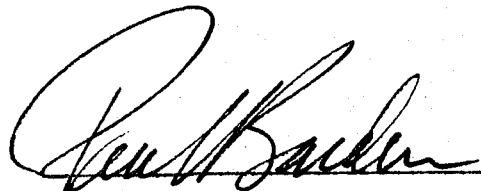
28 B. The County Executive is directed to implement other priority pro-
29 grams for reducing energy use and implementing conservation practices in the
30 County administration, including but not limited to, a County employee van-
31 pool/ride-share program and alternate motor fuel program for County vehicles
32 (based upon the results of the North Police Precinct compressed natural gas
33

1 demonstration project which explores the feasibility of converting a portion
2 of the County fleet to alternative fuels). Such programs shall be monitored
3 for their effectiveness and updated regularly.

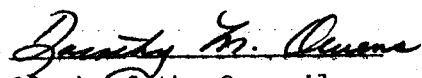
4 C. The attached Energy Management Policies 1.1 to 1.6.3 (p. 54 to
5 1.6 p. 55) from the "Energy Management Plan for King County", relating to
6 County Operations and Services are adopted as official County policy.

7
8 PASSED this 7th day of December, 1981.

9
10 KING COUNTY COUNCIL
11 KING COUNTY, WASHINGTON

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17 Chairman

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20 ATTEST:

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24  DEPUTY
25 Clerk of the Council
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KING COUNTY ENERGY MANAGEMENT POLICIES

5363

I. County Operations and Services

I.1 General County Operations

- I.1.1 ENERGY CONSIDERATIONS SHOULD BE INTEGRATED INTO THE DEVELOPMENT OF THE COUNTY OPERATING BUDGET AND CAPITAL IMPROVEMENT PROGRAM.
- I.1.2 THE COUNTY SHOULD ENSURE THAT ESSENTIAL PUBLIC SERVICES TO COUNTY HOMES AND BUSINESSES ARE NOT DISRUPTED DUE TO ENERGY SHORTAGES.
- I.1.3 THE COUNTY SHOULD DEVELOP AND ADOPT CURTAILMENT PLANS FOR PETROLEUM FUELS, ELECTRICITY AND NATURAL GAS IN ITS FACILITIES AND VEHICLE FLEETS.

I.2 County Facilities

- I.2.1 DATA ON ENERGY CONSUMPTION PATTERNS IN COUNTY FACILITIES SHOULD BE AVAILABLE SO THAT OPPORTUNITIES FOR CONSERVING ENERGY CAN BE READILY IDENTIFIED.
- I.2.2 THE COUNTY SHOULD MONITOR ENERGY CONSUMPTION IN ITS FACILITIES AND EVALUATE THE EFFECTIVENESS OF ENERGY CONSERVATION MEASURES.
- I.2.3 COUNTY FACILITIES SHOULD BE OPERATED AND MAINTAINED TO REFLECT SOUND ENERGY MANAGEMENT PRACTICES.
- I.2.4 THE COUNTY SHOULD DEMONSTRATE THE USE OF CONSERVATION AND RENEWABLE RESOURCE TECHNOLOGIES IN ITS FACILITIES.
- I.2.5 THE DESIGN AND CONSTRUCTION OF NEW COUNTY FACILITIES SHOULD INCORPORATE ENERGY CONSERVATION AND RENEWABLE RESOURCE TECHNOLOGIES WHICH ARE COST-EFFECTIVE ON A LIFE-CYCLE COST BASIS.
- I.2.6 THE COUNTY SHOULD PROVIDE APPROPRIATE LEVELS OF FUNDING TO ENSURE COST-EFFECTIVE, ENERGY-CONSERVING CAPITAL IMPROVEMENTS TO COUNTY FACILITIES.

I.3 County Vehicle Fleet/Parking

- I.3.1 THE COUNTY SHOULD REFINE AND MAINTAIN AN EFFECTIVE FUEL AND MAINTENANCE ACCOUNTING SYSTEM FOR KING COUNTY VEHICLES.
- I.3.2 THE PREVENTIVE MAINTENANCE PROGRAM FOR KING COUNTY VEHICLES SHOULD BE ROUTINELY REVIEWED TO ENSURE CONTINUED IMPROVEMENTS IN FLEET FUEL ECONOMY.
- I.3.3 COUNTY EMPLOYEES SHOULD ELIMINATE UNNECESSARY VEHICLE USE AND BE ENCOURAGED TO ADOPT ENERGY-EFFICIENT DRIVING HABITS.
- I.3.4 THE COUNTY SHOULD ACTIVELY PURSUE THE USE OF INNOVATIVE TECHNOLOGIES AND ALTERNATIVE FUELS FOR THE VEHICLE FLEET.
- I.3.5 THE COUNTY SHOULD PURCHASE FUEL-EFFICIENT VEHICLES FOR ITS FLEET AND RETIRE LESS EFFICIENT VEHICLES IN AN EXPEDITIOUS MANNER.

1.3.6 THE COUNTY SHOULD DEVELOP A VAN AND CAR POOL PROGRAM, UTILIZING COUNTY-OWNED VEHICLES IN ADDITION TO PRIVATELY OWNED VEHICLES WHERE FEASIBLE.

1.3.7 THE COUNTY SHOULD PROVIDE FREE OR REDUCED-RATE PARKING FOR VAN AND CAR POOLS AT COUNTY-OWNED FACILITIES.

1.4 County Road Operations

1.4.1 THE COUNTY SHOULD INCORPORATE SIGNALIZATION, TRAFFIC LIGHT SYNCHRONIZATION, INTERSECTION WIDENING, IMPROVED TRANSIT ACCESS AND OTHER OPERATIONAL IMPROVEMENTS WHICH WILL INCREASE ENERGY EFFICIENCY AND BE CONSISTENT WITH SAFETY CONSIDERATIONS.

1.5 Solid Waste

1.5.1 THE COUNTY SHOULD PROMOTE THE SEPARATION AND RE-USE OF SOLID WASTE AND PETROLEUM WASTES.

1.5.2 THE COUNTY SHOULD ENCOURAGE AND SUPPORT THOSE ENERGY/RESOURCE RECOVERY SYSTEMS WHICH OFFER MAXIMUM FEASIBLE RECOVERY OPPORTUNITIES.

1.5.3 THE COUNTY SHOULD PROMOTE PROGRAMS AND PRACTICES WHICH REDUCE SOLID WASTE VOLUME AND MASS AND INCREASE SOURCE SEPARATION OF RECYCLABLE MATERIALS.

1.6 County Procurement

1.6.1 COUNTY PROCUREMENT PROCEDURES SHOULD ENCOURAGE THE USE OF PRODUCTS MANUFACTURED FROM RECYCLABLE MATERIALS.

1.6.2 COUNTY PROCUREMENT PROCEDURES SHOULD CONSIDER THE LIFE CYCLE COST OF ENERGY-CONSUMING ITEMS.

1.6.3 COUNTY PROCUREMENT POLICIES SHOULD BE DESIGNED TO MINIMIZE COUNTY ENERGY EXPENDITURES WITHIN THE CONTEXT OF AN INCREASE IN PUBLIC DEMAND FOR COUNTY SERVICES.

II. Land Use Planning and Regulation

2.1 Energy and Land Use Information Base

2.1.1 AN ENERGY DATA BASE SHOULD BE MAINTAINED BY THE COUNTY THAT PRESENTS CURRENT ENERGY SUPPLY INFORMATION AND EXPECTED ENERGY DEMAND FOR ALL LAND USE CATEGORIES AND TRANSPORTATION SYSTEMS.

2.2 Availability and Cost of Conventional Fuels

2.2.1 THE AVAILABILITY OF NATURAL GAS AND ELECTRICITY SHOULD BE CONSIDERED IN THE TIMING AND DENSITY OF DEVELOPMENT.

2.2.2 AREAS WHICH ARE OR CAN BE SERVICED COST-EFFECTIVELY BY BUS OR OTHER FORMS OF PUBLIC TRANSIT SHOULD BE GIVEN A PRIORITY FOR LOCATING NEW DEVELOPMENT OR FOR REDEVELOPMENT.