

## **EXECUTIVE ORDER 77-03**

**WHEREAS**, it is the policy of this administration to take every reasonable step, both in dealing with the current drought situation, and in recognizing the long-term necessity to curb and make more efficient all uses of water and electricity;

**WHEREAS**, this administration will carefully assess all facts and projections, and whenever governmental action is indicated, move firmly to take whatever measures are appropriate, legal, and indicated;

**WHEREAS**, this administration has already requested voluntary curtailment in the use of water and hydro-generated electricity, and electric utilities have been requested to assist their customers in appropriate energy conservation measures;

**NOW, THEREFORE, I**, Dixy Lee Ray, Governor of the State of Washington, do hereby request the Director of the Department of General Administration to institute the following actions in all buildings and facilities on the Capitol Campus:

1. Reduce lighting in all campus buildings by removal of lamps in selected areas, thus effecting a reduction of approximately 9,000 lamps constituting 8 percent of all building lighting for a projected monthly savings of 136,080 kilowatt-hours, or \$1,496.00.
2. Turn off all campus decorative lighting. The elimination of Capitol Dome lighting and the East Campus Landscape lighting will cause a monthly kilowatt-hour savings of 46,800 or \$514.80.
3. Reduce operation of mechanical heating and ventilating equipment by approximately 5 percent. From this action, a saving in electrical energy consumption of approximately 5.54 percent, or 256,955 kilowatt-hours will be realized per month. This translates to a dollar saving of \$2,826.51.
4. Reduce from 19 hours to 16 hours per day the East Campus Building lighting. In these buildings, the lighting system supplements the building heating system.
5. Reduce all thermostat settings an average of 2 or 3 degrees. Each degree of reduction will saving approximately 3 percent on fuel costs.

The total savings per month in natural gas usage would be 8,855.58 Therms or \$1,912.80; in oil, 1,088.64 Therms or \$231.60. The total savings per month in fuel is thus estimated to be 9,944.22 Therms or \$2,144.48 as the result of this reduction.

**AND WHEREAS**, the above actions will result in an estimated overall electrical savings of 5.54 percent, and in heating savings of 6.0 percent, I AM FURTHER DIRECTING the Director of the Department of General Administration to take the following additional steps:

1. Conduct an ongoing survey of campus facilities to detect obviously wasteful electrical practices.
2. Effect adjustment of light sources to needs of the work station/hallway, and elevator.
3. Modify cut-off switches to permit less-than-full floor illumination.
4. Explore the possibility of modifying custodial hours to eliminate night shifts as much as possible.
5. Ensure temperature controls are properly operated and maintained.
6. Ensure that doors/windows are closed to reduce heating/cooling requirements.
7. Ensure that heating-ventilating-air conditioning systems (HVAC) are adequately operated and maintained. This will include turning these units on and off at appropriate times. These systems are the largest single energy consumers on the campus.
8. Continue the expansion of the OB-2 (new DSHS building) central control system (within budget limitations) as expeditiously as possible to eliminate the element of human error.
9. Modify OB-2 procedures to ensure that 24-hour operations by small groups do not require heating/illumination of the entire building.

**AND FURTHER**, I am directing the Office of Energy, in cooperation with the Department of General Administration, to examine energy use in all State leased buildings, in all institutions of higher education, and in all state government structures throughout the State with the goal of achieving energy savings of at least 10 percent. Specific directions may be expected for those off-campus government structures.

**IN WITNESS WHEREOF**, I have hereunto set my hand and caused the seal of the State of Washington to be affixed at Olympia this 15th day of February A.D., Nineteen hundred and seventy-seven.

Dixy Lee Ray  
Governor of Washington

**BY THE GOVERNOR:**

Secretary of State

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