

ORDINANCE 873

CITY OF LACEY

AN ORDINANCE REQUIRING ENERGY EFFICIENCY AND THE OBSERVATION OF CONSERVATION STANDARDS IN THE CONSTRUCTION OF NEW BUILDINGS, AMENDING SECTION 14.09.010 OF THE LACEY MUNICIPAL CODE AND ADDING NEW SECTIONS TO CHAPTER 14.09 OF SAID CODE

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LACEY, WASHINGTON, as follows:

Section 1. Section 14.09.010 is hereby amended to read as follows:

"There is adopted and by this reference made a part hereof as though fully set forth in this chapter at length, that certain code known as the State Energy Code, developed and adopted by the State Building Code Council dated effective January 1, 1986, and contained in WAC Chapter 51-12, as the energy code for the city. The ventilation requirements contained in Section 305 of said code shall apply to the construction of all commercial buildings. The remaining provisions of said code shall apply to the construction of all buildings not covered by the Codes and Standards adopted by Section 14.09.020 of this chapter, provided, however, that notwithstanding the provisions of the State Energy Code, all new residential buildings not covered by Section 14.09.020 shall be designed to achieve energy use efficiency equivalent to a building constructed with:

1. Ceilings insulated to a level of R-38 (value of insulation added) or in the case of single rafter vaulted ceilings insulated to a level of R-30 (value of insulation added);

2. Walls insulated to a level of R-19 (value of insulation added), or constructed with two-inch by four-inch (nominal) members, R-13 insulation batts, R-3.2 sheathing, and other normal assembly components;
3. Below grade walls, insulated on the interior side, to a level of R-19 (value of added insulation);
4. Floors over unheated space insulated to a level of R-19 (value of added insulation);
5. Slab on grade floors insulated to a level of R-10 at the perimeter;
6. All other energy sources with a minimum annual fuel utilization efficiency (AFUE) of seventy-eight percent;
7. Double glazed windows with values not more than U-0.60 when tested per AAMA standard #1503.1-88; and
8. A maximum glazing area of twenty-one percent of the floor area or, for purposes of determining equivalent thermal performance, a maximum glazing area of fifteen percent of the floor area.

Section 2. There is hereby added to the Lacey Municipal Code a new section 14.09.020 to read as follows:

"There is adopted and by this reference made a part of this chapter as though fully set forth herein, at length, that certain code known as the Northwest Energy Code, 1987 Edition, as promulgated by the Northwest Power Planning Council and Bonneville Power Administration. Said code shall apply to all new residential construction using electrical space heating and all new non-residential

construction using electrical space conditioning and electrical lighting, provided, however, that the ventilation requirements contained in Section 305 of the 1986 Washington State Energy Code shall apply to the construction of commercial buildings."

Section 3. There is hereby added to the Lacey Municipal Code a new section 14.09.030 to read as follows:

"The conversion standard equivalent code amendments to the Model Energy Code, 1986 Edition, promulgated by the Northwest Power Planning Council and the Bonneville Power Administration, and compiled with the Northwest Energy Code, 1987 Edition, are adopted and made a part of this chapter as though fully set forth herein at length. Such conversion standards shall apply to any building which is to be converted to electrical space heating or conditioning if the original building permit for such building was issued after the effective date of this section and at the time of initial construction, the building was not required to comply with the Northwest Energy Code adopted by Section 14.09.020 of this chapter."

Section 4. There is hereby added to the Lacey Municipal Code a new section 14.09.040 to read as follows:

"Any person, firm or corporation violating or failing to comply with the requirements of this chapter and the codes adopted herein, shall be guilty of a misdemeanor."

Section 5. This ordinance is necessary for the protection of the public health, safety and property and shall be effective upon the date of its adoption which date is set forth below as the date

of passage by the City Council. Immediately upon adoption, the City Manager shall take action to secure the execution of a contract between Bonneville Power Administration and the City of Lacey, pursuant to the Bonneville Power Administration Northwest Energy Code Program Solicitation DE-PS79-89BP93000 and the provisions adopted in this ordinance shall be applicable to all building permits for which application is made after the execution of such contract and to all applications made during such time as the City has in effect a contract with the Bonneville Power Administration or other appropriate agency which reimburses the City for incremental costs and/or administrative enforcement costs associated with the adoption, administration, and enforcement of the Northwest Energy Code and conversion standards.

Section 6. The summary of this ordinance, which is attached hereto, is approved for publication.

PASSED BY THE CITY COUNCIL OF THE CITY OF LACEY, WASHINGTON, this 25TH day of January, 1990.

CITY COUNCIL

By Kay M. Boyd
Mayor

Vote of Council Yes 7

No 0

Attest:

Approved as to form:

Charlotte M. Taylor
City Clerk

[Signature]
City Attorney

Published: January 29, 1990

SUMMARY FOR PUBLICATION
ORDINANCE NO. 873

CITY OF LACEY

The City Council of the City of Lacey, Washington, passed, on January 25, 1990, Ordinance 873 entitled "AN ORDINANCE REQUIRING ENERGY EFFICIENCY AND THE OBSERVATION OF CONSERVATION STANDARDS IN THE CONSTRUCTION OF NEW BUILDINGS, AMENDING SECTION 14.09.010 OF THE LACEY MUNICIPAL CODE AND ADDING NEW SECTIONS TO CHAPTER 14.09 OF SAID CODE."

A section by section summary of this Ordinance is as follows:

Section 1 amends Lacey Municipal Code Section 14.09.010 which had earlier adopted the State Energy Code to provide that the ventilation requirements of such Code is applicable to all commercial buildings and that the remainder of the code is applicable to the construction of buildings not using electrical energy for heating and other space conditioning. The section also specifies an energy use efficiency level for residential construction notwithstanding the provisions of the State Energy Code.

Section 2 adopts the Northwest Energy Code, 1987 Edition, and makes this Code applicable to the construction of new buildings using electrical space heating or electrical space conditioning and electrical lighting.

Section 3 adds Lacey Municipal Code Section 14.09.030 adopting the conversion standards compiled with the Northwest Energy Code and makes such conversion standards applicable to the conversion of any building from non-electrical to electrical space heating or conditioning if the original building was constructed after the effective date of this ordinance.

Section 4 provides that the violation of the Codes adopted by the Chapter constitutes a misdemeanor.

Section 5 declares an emergency and provides that the ordinance will be effective upon its adoption and will be applied to all applications for building permits made after execution of a contract between the City and the Bonneville Power Administration.

Section 6 approves this summary.

A copy of the full text of this Ordinance will be mailed without charge to any person requesting the same from the City of Lacey.

Published: January 29, 1990.