

ORDINANCE No. 112500

COUNCIL BILL No. 104971

Law Department

AN ORDINANCE relating to and regulating energy conservation measures in building construction the Model Energy Code (1983 Edition) and the Seattle Energy Code Supplement to the 1983 Energy Code as the Energy Code of the City of Seattle; repealing Chapter 22.700 of the Municipal Code and replacing it with a new Chapter 22.700 (Seattle Energy Code) and amending ordinances 108500, 109416 and 111460.

9/17/85- Energy- P

COMPTROLLER FILE No. _____

REC'D OMB SEP 30 1985

REC'D OMB OCT 01 1985

Introduced: <i>JUL 8 1985</i>	By: EXECUTIVE REQUEST
Referred: <i>JUL 8 1985</i>	To: <i>Energy</i>
Referred:	To:
Referred:	To:
Reported: <i>SEP 30 1985</i>	Second Reading: <i>SEP 30 1985</i>
Third Reading: <i>SEP 30 1985</i>	Signed: <i>SEP 30 1985</i>
Presented to Mayor: <i>OCT 1 1985</i>	Approved: <i>OCT 8 1985</i>
Returned to City Clerk: <i>OCT 8 1985</i>	Published:
Vetoed by Mayor:	Veto Published:
Passed over Veto:	Veto Sustained:

*Honorable President
Your Committee
was referred
No. 104971, re
the same and
that the same*



Department

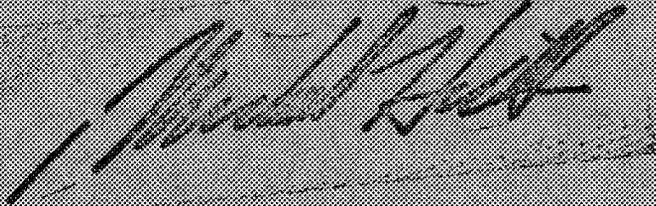
asures in building construction, adopting
gy Code Supplement to the 1983 Model
pealing Chapter 22.700 of the Seattle
(Seattle Energy Code) and also repealing

- Energy- PASS

REC'D OMB OCT 01 1985

mmorable President:

Your Committee on Energy, to which
was referred the within Council Bill
No. 104971, report that we have considered
the same and respectfully recommend
that the same DO PASS.



See also: CF 294121
CF 294108
CB 105068
CB 104976

Vote for
Smith

GFC:hh
5/20/85
I:ORD2.

ORDINANCE 112500

AN ORDINANCE relating to and regulating energy conservation measures in building construction, adopting the Model Energy Code (1983 Edition) and the Seattle Energy Code Supplement to the 1983 Model Energy Code as the Energy Code of the City of Seattle; repealing Chapter 22.700 of the Seattle Municipal Code and replacing it with a new Chapter 22.700 (Seattle Energy Code) and also repealing Ordinances 108500, 109416 and 111460.

BE IT ORDAINED BY THE CITY OF SEATTLE AS FOLLOWS:

Section 1. There is added to the Seattle Municipal Code a new Chapter 22.700 Energy Code to read as follows:

22.700 ADOPTION OF THE MODEL ENERGY CODE AND SEATTLE ENERGY CODE SUPPLEMENT.

The Model Energy Code, 1983 Edition, published by the Council of American Building Officials, and the Seattle Energy Code Supplement to the 1983 Model Energy Code, dated May 1985, copies of which are filed with the City Comptroller in C.F. 294121 are hereby adopted and by this reference made a part of this subtitle and shall constitute the official Energy Code of the City. In the event of conflict between the Model Energy Code and the Seattle Energy Code Supplement, the Seattle Energy Code Supplement shall be controlling over the Model Energy Code.

Section 2. Chapter 22.700 of the Seattle Municipal Code as adopted by Ordinance 108500 entitled:

AN ORDINANCE establishing a Seattle Code for Energy Conservation in New Building Construction to provide minimum standards for new buildings and structures or portions thereof to achieve more efficient utilization of energy, providing for the administration thereof as supplemental to the Seattle Building Code (Ordinance

1 106350), the Seattle Mechanical Code (Ordinance 106166)
2 and the Seattle Electrical Code (Ordinance 105886), and
3 providing penalties for non-compliance.

4 and Ordinance 109416 entitled:

5 AN ORDINANCE amending Sections 102, 103, 202, 203, 207, 218,
6 219, 304, 402, 403, 404, 411, 412, 414, 415, 418, 420,
7 422, 425, Tables 4-6, 4-9, and 4-10 which follow Sections
8 426, 601, 602, and 603 of the Seattle Energy Code
9 (Ordinance 108500).

10 and Ordinance 111460 entitled:

11 AN ORDINANCE relating to and regulating the design of energy
12 systems efficiency for major projects, amending Title 22,
13 Subtitle VII of the Seattle Municipal Code (Seattle Energy
14 Code) to add a new Section 22.700.035; amending Section
15 22.702.219, 22.704.060, 22.706.010, 22.708.010, 22.708.020
16 and 22.708.060 of the SMC.

17 are hereby repealed; provided such repeal shall not affect any
18 right accrued, any time limit for compliance, any penalty
19 incurred or any proceeding commenced under or by virtue of the
20 repealed provisions.
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1 Section 3. This ordinance shall take effect and be in force
2 on January 1, 1986, except that the repeal of Section 22.700.035,
Special Provisions for Major Projects shall, take effect and be
in force thirty days after its passage and approval, if approved
by the Mayor; otherwise it shall take effect at the time it shall
become a law under the provisions of the city charter.

3 Passed by the City Council the 30th day of September, 1985,
4 and signed by me in open session in authentication of its passage
5 this 30th day of September, 1985...

6
7 *Thomas B. Price*
8 President.....of the City Council

9 Approved by me this 8th day of October....., 1985...

10 *Quinto Perry* Mayor
11

12 Filed by me this 8th day of October....., 1985....

13
14 Attest: *Jim Hill*
City Comptroller and City Clerk

15 (SEAL)

16
17 Published _____ By *Theresa Dunbar*
18 Deputy Clerk

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24
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26
27
28 EC7/22.700.035

City of Seattle

Executive Department-Office of Management and Budget

Gary Zarker, Director
Charles Royer, Mayor

May 13, 1985



Frank
GB # 7420
Crandall
OK
CF

COPY OF WITHIN RECEIVED

MAY 14 1985

Douglas N. Jewett
CITY ATTORNEY

The Honorable Douglas Jewett
City Attorney
City of Seattle

Dear Mr. Jewett:

The Mayor is proposing to the City Council that the enclosed legislation be adopted.

REQUESTING
DEPARTMENT: DCLU

SUBJECT: An ordinance relating to and regulating energy conservation measures in building construction, adopting the Model Energy Code (1983 Edition) and the Seattle Energy Code Supplement to the 1983 Model Energy Code as the Energy Code of the City of Seattle; repealing Chapter 22.700 of the Seattle Municipal Code and replacing it with a new Chapter 22.700 (Seattle Energy Code) and also repealing ordinances 108500, 109416, and 111460.

Pursuant to the City Council's S.O.P. 100-014, the Executive Department is forwarding this request for legislation directly to your office for review and drafting.

After reviewing this request and drafting appropriate legislation:

- (X) File the legislation with the City Clerk for formal introduction to the City Council as an Executive Request.
- () Do not file with City Council but return the proposed legislation to OMB for our review. Return to _____.

Sincerely,

Charles Royer
Mayor

By

[Signature]
for

GARY ZARKER
Budget Director

*Ordinance WPC
for redraft 5-17
CF
294121*

GZ/cs/fb

Enclosure

cc: Director, DCLU

Office Of The Mayor
City of Seattle

Charles Royer, Mayor

May 13, 1985

REC'D OMB MAY 13 1985



829135

Honorable Norman B. Rice
City Council
City of Seattle

Dear Councilmember Rice:

I am pleased to recommend to you the first comprehensive update to the Seattle Energy Code since it was first enacted in 1979. This update, attached, accomplishes five important objectives: 1) it captures conservation opportunities in new construction that make sense for residents and businesses today; 2) it protects the long-term interests of all citizens by promoting an energy-efficient building stock; 3) it applies equitably to all fuels; 4) it simplifies code enforcement and compliance while providing designers and builders increased flexibility; and, 5) it provides the first "alternative plan" for compliance with the Northwest Power Planning Council's Model Conservation Standards, a plan that is best tailored to Seattle's unique situation.

A strong, cost-effective energy code will benefit all Seattle citizens for the lifetime of new residential and commercial buildings. Seattle City Light ratepayers benefit because the energy code revisions will provide about 35 average MW of savings by the year 2005. An equivalent amount of new electricity generation would cost City Light or BPA over \$100 million at today's prices. The code also provides an insurance policy to consumers and businesses against future price increase for all fuels. Designing new buildings for energy conservation from the beginning is the best way to keep down energy costs to the consumer.

The development of this proposal was greatly assisted by the thoughtful review of many individuals and organizations representing consumers, designers, builders, public interest groups, businesses, and energy providers. We owe particular thanks to members of the City's Building Code Advisory Board and New Electric Service Policy Citizens' Advisory Committee, who dedicated many hours over the last year to provide the City the benefit of their insights and recommendations.

The City of Seattle has a history of leadership in the development of energy codes. In 1979, the City was the first jurisdiction in the region to adopt a comprehensive energy code for new construction. The City's code provided the model for the State Energy Code, which took effect in 1980. In 1983, the City enacted code amendments to achieve greater energy conservation in major new construction projects. In April, 1983, the Northwest Power Planning Council (NPPC) adopted the Model Conservation Standards (MCS) as part of its Regional Power Plan. If states or local governments have not adopted the MCS, or an alternative plan for achieving comparable electricity savings by January 1, 1986, utilities may be subject to a surcharge on purchases of BPA power. In the spring of 1984, the City began the process of updating the code to comply with the MCS. The 1983 Model Energy Code of the Council of American Building Officials provided an excellent foundation for reformatting the code. Numerous technical changes that had been developed during 1981 and 1982 in consultation with the City's Energy Code Technical Advisory Committee were also incorporated in this update.

Norman B. Rice
May 13, 1985
Page Two

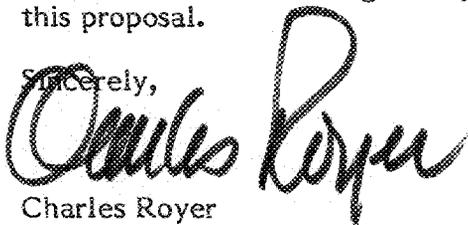
During the summer of 1984, members of the City's Building Code Advisory Board and New Electric Service Policy Citizens' Advisory Committee, and other interested parties, undertook a review of the MCS. Subsequently, the City developed a draft alternative proposal that provided comparable electricity savings to the MCS, while responding to concerns raised in this review. This proposal also updated requirements for other fuels, based on economic criteria comparable to those for electricity. This draft proposal was circulated for public comment on January 15.

The proposed code includes the same insulation standards for both high-rise and low-rise residential buildings, with stricter requirements for electric resistance heat, while eliminating large residential buildings from the City's Major Project Requirements. This proposal also provides a point system to allow residential designers and builders greater compliance flexibility. This proposal does not include measures to minimize air infiltration in residential structures. These were the focus of concern during the review of the MCS by the City's advisory boards. In the commercial sector, this proposal emphasizes flexibility in achieving energy savings in large commercial buildings. It maintains the existing requirement for a 10 percent energy savings compared to basic code requirements for projects over 50,000 square feet, and reduces maximum lighting budgets for all office and retail buildings. This proposal also eliminates existing requirements for siting and building form analysis of major projects and simplifies code requirements for existing residential and commercial buildings. Finally, the proposed code is consistent with recent legislation updating the State's energy code.

Some additional staff may be needed to enforce the proposed commercial requirements. However, since these new requirements provide electricity savings, BPA or City Light funding will be available should additional staff be needed. DCLU permit fees will not be increased to cover additional code enforcement costs. OMB will work closely with DCLU to assess staffing requirements, and, if necessary, we will forward legislation authorizing additional staff and funding to the City Council by May 31.

I look forward to working with you and other members of the City Council as you consider this proposal.

Sincerely,



Charles Royer

CR:fas

cc: All Councilmembers
Katy Chaney, Acting Director, DCLU
Randall Hardy, Superintendent, SCL
Gary Zarker, Director, OMB

Affidavit of Publication

STATE OF WASHINGTON
KING COUNTY—SS.

The undersigned, on oath states that he is an authorized representative of The Daily Journal of Commerce, a daily newspaper, which newspaper is a legal newspaper of general circulation and it is now and has been for more than six months prior to the date of publication hereinafter referred to, published in the English language continuously as a daily newspaper in Seattle, King County, Washington, and it is now and during all of said time was printed in an office maintained at the aforesaid place of publication of this newspaper. The Daily Journal of Commerce was on the 12th day of June, 1941, approved as a legal newspaper by the Superior Court of King County.

The notice in the exact form annexed, was published in regular issues of The Daily Journal of Commerce, which was regularly distributed to its subscribers during the below

stated period. The annexed notice, a
Ordinance No. 112500

was published on October 10, 1985

B. Blair

Subscribed and sworn to before me on
October 10, 1985

Barbara C. Jones

Notary Public for the State of Washington,
residing in Seattle.

City of Seattle

ORDINANCE 11298

AN ORDINANCE relating to and regulating energy conservation measures in building construction, adopting the Model Energy Code (1983 Edition) and the Seattle Energy Code Supplement to the 1983 Model Energy Code as the Energy Code of the City of Seattle; repealing Chapter 22.700 of the Seattle Municipal Code and replacing it with a new Chapter 22.700 (Seattle Energy Code) and also repealing Ordinances 108500, 109416 and 111460.

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Section 2. Chapter 22.700 of the Seattle Municipal Code as adopted by Ordinance 108500 entitled:

AN ORDINANCE establishing a Seattle Code for Energy Conservation in New Building Construction to provide minimum standards for new buildings and structures or portions thereof to achieve more efficient utilization of energy, providing for the administration thereof as supplemental to the Seattle Building Code (Ordinance 106370), the Seattle Mechanical Code (Ordinance 106166) and the Seattle Electrical Code (Ordinance 105886), and providing penalties for non-compliance.

and Ordinance 109416 entitled:

AN ORDINANCE amending Sections 102, 103, 202, 203, 207, 218, 219, 304, 402, 403, 404, 411, 412, 414, 415, 418, 420, 422, 423, Tables 4-6, 4-9, and 4-10 which follow Sections 426, 501, 602, and 603 of the Seattle Energy Code (Ordinance 108500).

and Ordinance 111460 entitled:

AN ORDINANCE relating to and regulating the design of energy systems efficiency for major projects, amending Title 22, Subtitle VII of the Seattle Municipal Code (Seattle Energy Code) to add a new Section 22.700.035; amending Section 22.702.219, 22.704.060, 22.706.010, 22.708.010, 22.708.020 and 22.708.060 of the SMC.

are hereby repealed; provided such repeal shall not affect any right accrued, any time limit for compliance, any penalty incurred or any proceeding commenced under or by virtue of the repealed provisions.

Section 3. This ordinance shall take effect and be in force on January 1, 1986, except that the repeal of Section 22.700.035, Special Provisions for Major Projects shall, take effect and be in force thirty days after its passage and approval, if approved by the Mayor; otherwise it shall take effect at the time it shall become a law under the provisions of the city charter.

Passed by the City Council the 30th day of September, 1985,
and signed by me in open session in authentication of its passage
this 30th day of September, 1985.


President..... of the City Council

Approved by me this 28th day of October, 1985....

