May 25, 2018

Legislative Counsel Bureau
Attn: Brenda Erdoes
Legislative Building – Legal Division
401 S. Carson Street
Carson City, NV 89701

Re: LCB File No. R153-17

Dear Ms. Erdoes,

Please find the enclosed documents for submission to the Legislative Commission for the next meeting:

- Form for Filing Administrative Regulations
- Informational Statement
- Small Business Impact Statement
- Notice of Adoption of Regulation
- Proposed Regulation of the Director of the Governor’s Office of Energy – Adopted on May 23, 2018

Please do not hesitate to call me should you have any questions, (775) 687-1850 ext. 7324

Sincerely,

Robin Isaacs
Energy Programs Manager
Brief description of action: Adoption of the most recent version of the International Energy Conservation Code (IECC).

Authority citation other than 233B: NRS 701.220

Notice date(s): Workshop – November 28, 2017

Hearing – April 10, 2018

May 10, 2018 - Reno
May 17, 2018 - Las Vegas
May 23, 2018 - Elko

Angela Dykema, Director
The following statement is submitted for adopted amendments to Nevada Administrative Code (NAC) Chapter 701.

1. **A clear and concise explanation of the need for the adopted regulation.**

   This regulation is necessary to update the regulations to comply with NRS 701.220(1) which directs the Governor's Office of Energy to adopt the most recently published version of the International Energy Conservation Code every three years. This will allow for the automatic adoption of the most recently published version mitigating administrative burdens to comply with statute.

2. **Description of how public comment was solicited, a summary of public response, and an explanation of how other interested persons may obtain a copy of the summary.**

   Copies of the proposed regulation, the notice of workshop and notice of intent to act upon the regulation were sent by email or fax to persons who were known to have an interest in the adoption of the proposed regulation as well as any person who had specifically requested such notice. These documents were also made available at the website of the Governor's Office of Energy (GOE), www.energy.nv.gov, the website of the Nevada Legislature at http://leg.state.nv.us/app/Notice/A/, the Nevada State official website at https://notice.nv.gov, faxed or emailed to all county libraries in Nevada and posted at the following locations:

<table>
<thead>
<tr>
<th>Governor's Office of Energy</th>
<th>Carson City Library</th>
</tr>
</thead>
<tbody>
<tr>
<td>755 N. Roop Street, Suite 202</td>
<td>900 N. Roop Street</td>
</tr>
<tr>
<td>Carson City, NV</td>
<td>Carson City, NV</td>
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<table>
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<th>Nevada State Legislative Building</th>
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<td>100 N. Stewart Street</td>
<td>401 S. Carson Street</td>
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<td>Carson City, NV</td>
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<tr>
<th>State of NV Dept. of Administration</th>
<th>Grant Sawyer Building</th>
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<tr>
<td>209 E. Musser Street</td>
<td>555 E. Washington Ave</td>
</tr>
<tr>
<td>Carson City, NV</td>
<td>Las Vegas, NV</td>
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A workshop was held on December 13, 2017. The Governor’s Office of Energy took oral comments from the public and interested parties. Concerns were raised by Mike Moore of Newport Ventures regarding the adoption of the IRC at the local level and he would like the Office of Energy to adopt the IRC along with the IECC. Mark Meranda with the City of Sparks responded to Mr. Moore’s concerns letting him know that the Northern Nevada Code Committee was aware of the concerns he brought up and have been addressed at that level. Amanda Hauss, with the Southern Nevada Home Builders Association (SNBHA) said that her organization supports the office in adopting the most current code automatically because it provides more structure across the state. However, SNBHA is asking to add one more step into the proposed regulation. Under section one (1), it states that the Director has to find the most recent code suitable before adoption and the SNBHA would like for a review to be conducted in addition to determine whether amendments are required to comply with the State law. They feel this will result in a statewide code that is more compatible. All comments were taken under consideration by the Governor’s Office of Energy.

Thereafter, on April 10, 2018, the Director issued a Notice of Hearing and Notice of Intent to Act Upon a Regulation. The hearings were held in three locations pursuant to NRS 701.220(8), on May 10, 2018 at The Builders Association of Northern Nevada 5484 Reno Corporate Drive, Reno NV; on May 17, 2018 at The Southern Nevada Home Builders Association 4175 S. Riley Street, Ste 100, Las Vegas, NV; on May 23, 2018 at the Elko City Hall City Council Chambers 1753 College Ave., Elko, NV. The Governor’s Office of Energy took oral comments from the public and interested parties. Andrew Samuelson provided comment at the Reno hearing regarding the adoption of a rating system within the most recent version of the LEED Green Building Standard which has nothing to do with the IECC. Melanie Larreau provided comment at the Elko hearing regarding the adoption of the entire family of I codes by both the GOE and the State Fire Marshall.

A copy of the minutes which provide comments made at each hearing are available for review at the Governor’s Office of Energy, 755 N. Roop Street, Suite 202, Carson City, NV 89701. A recording of the workshop and hearing are also provided for review at the Governor’s Office of Energy.

3. The number of persons who:
   (a) Attended each hearing: May 10, 2018 – 7; May 17, 2018 – 3; May 23, 2018 – 4
   (b) Testified at each hearing: May 10, 2018 – 1; May 17, 2018 – 0; May 23, 2018 – 2
   (c) Submitted written comments: December 13, 2017 – 4; May 10, 2018 – 1

4. A list of name and contact information, including telephone number, business address, business telephone number, electronic mail address, and name of entity or organization represented, for each person identified above in #3, as provided to the agency, is attached as Exhibit A.

5. A description of how comment was solicited from affected businesses, a summary of their response and an explanation of how other interested persons may obtain a copy of the summary.
See section 2 above.

A copy of the written comments and the minutes which provide a summary of the oral comments made at each workshop and hearing are available for review at the Governor's Office of Energy, 755 N. Roop Street, Suite 202, Carson City, NV 89701. A recording of the workshop and hearing are also provided for review at the Governor's Office of Energy. You may request a copy of either by contacting Robin Isaacs risaacs@energy.nv.gov.

6. **If the regulation was adopted without changing any part of the proposed regulation, a summary of the reasons for adopting the regulation without change.**

The permanent regulation was adopted on May 23, 2018. There was a requested change made to Section 2 to remove the reference to the cost for the materials that can be obtained from the ICC, so it refers to as available so that we do not have to revisit this every year going forward. The regulation was adopted with this additional amendment.

7. **The estimated economic effect of the regulation on the business which it is to regulate and on the public. These must be stated separately, and in each case must include:**

   (a) **Both adverse and beneficial effects on businesses and the public:** The GOE reviewed the 2018 IECC provisions, the responses received by the stakeholders, as well as other code comparison documents available on the web. Of the over 250 solicitations, 35 responses were received. The respondents generally stated that the changes would have positive impacts upon small businesses because the 2018 IECC standards improve upon standards established in the 2012 IECC standards. Small businesses will benefit from increased energy efficiency in their buildings through reduction in overall energy usage after implementing the new standards for new construction or retrofit applications.

Based on the GOE's review of the 2018 IECC provisions, the summary of responses from the stakeholders, along with other code comparison documents available on the web, the Director determines that the proposed regulation changes are not likely to impose a direct or significant economic burden on small businesses. Adoption of the most recent IECC will allow for the encouragement of the construction of energy efficient buildings as well as the installation of energy efficient upgrades in existing buildings in the State of Nevada.

   (b) **Both immediate and long-term effects on businesses and the public:** The amended regulations are intended to effectuate the legislative intent and will not and are not intended to have any negative impact upon contractors.

8. **The estimated cost to the agency for enforcement of the proposed regulation:**

   There is no added cost to the agency for this amended regulation.

9. **A description of any regulations of other State or governmental agencies which the regulation overlaps or duplicates and a statement explaining why the duplication or**
overlap is necessary. If the regulation overlaps or duplicates a federal regulation, the name of the regulating federal agency.

There are no other State or governmental regulations with which this regulation overlaps or duplicates.

10. If the regulation includes provisions that are more stringent than a federal regulation that regulates the same activity, a summary of such provisions.

There are no provisions that duplicate or are more stringent than federal standards.

11. If the regulation provides a new fee or increases an existing fee, the total annual amount the agency expects to collect and the manner in which the money will be used.

There is no fee associated with this regulation.

Angela Dykema, Director – May 25, 2018
Governor’s Office of Energy
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Phone</th>
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<th>E-Mail Address</th>
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<tr>
<td>Alexia Egan</td>
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<tr>
<td>Samantha</td>
<td>Physician</td>
<td>755-744-9712</td>
<td><a href="mailto:sam@alexiasegan.com">sam@alexiasegan.com</a></td>
<td></td>
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<tr>
<td>John</td>
<td>Attorney</td>
<td></td>
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<tr>
<td>Jane</td>
<td>Representative</td>
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<td>Robert</td>
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<tr>
<td>Andrew</td>
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<td>Mike</td>
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<td>Monica</td>
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<tr>
<td>Victor</td>
<td>Accountant</td>
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<tr>
<td>Linda</td>
<td>Auditor</td>
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Exhibit A

ICCE Adoption Hearing

Governor's Office of Energy
<table>
<thead>
<tr>
<th>E-mail Address</th>
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<th>Telephone Number</th>
<th>Business Representative</th>
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<tr>
<td>Amanda Moss</td>
<td>702-340-1881</td>
<td>327-729-9521</td>
<td>NRD</td>
<td>NRD</td>
</tr>
<tr>
<td><a href="mailto:armanda.moss@schott.com">armanda.moss@schott.com</a></td>
<td>(702) 333-4608</td>
<td>702-562-4400</td>
<td>Energy Information</td>
<td>NRD</td>
</tr>
<tr>
<td>Fredric Zung</td>
<td>702-340-1881</td>
<td>702-562-4400</td>
<td>NRD</td>
<td>NRD</td>
</tr>
<tr>
<td><a href="mailto:fredric.zung@schott.com">fredric.zung@schott.com</a></td>
<td>(702) 333-4608</td>
<td>702-562-4400</td>
<td>Energy Information</td>
<td>NRD</td>
</tr>
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May 17, 2018
4175 S. Riley Street, Suite 100, Las Vegas, NV 89107
Southern Nevada Home Builders Association
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Business Represented</th>
<th>Phone Number</th>
<th>Email Address</th>
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<tbody>
<tr>
<td>Jeff S. Ford</td>
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<td>Tionce Tibbitt</td>
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<td>City of Elko</td>
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<td>Johnathan</td>
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<td>Electricity</td>
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<td>N. Galen</td>
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<tr>
<td><a href="mailto:elko@elko.nv.gov">elko@elko.nv.gov</a></td>
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Small Business Impact Statement

In October of 2017, the Governor’s Office of Energy (GOE) solicited comments via e-mail from over 250 stakeholders relative to the adoption of the 2018 International Energy Conservation Code (IECC). Per NRS 701.220 Sec. (8), these stakeholders included “Persons in the business of constructing and selling homes, Contractors, Public utilities, Local building officials; and the general public”. The stakeholders also included 125 attendees from the four 2015 IECC trainings held in June of 2017. Those trainings were conducted in order to educate participants about the 2015 IECC provisions. The e-mail posed the following question to the stakeholders:

1. What is the estimated economic effect of the proposed regulation, if any, on small businesses, which these changes will regulate, including, without limitation:
   (a) Both adverse and beneficial effects; and
   (b) Both direct and indirect effects.

The GOE reviewed the 2018 IECC provisions, the responses received by the stakeholders, as well as other code comparison documents available on the web. Of the over 250 solicitations, 35 responses were received. The respondents generally stated that the changes would have positive impacts upon small businesses because the 2018 IECC standards improve upon standards established in the 2012 IECC standards. Small businesses will benefit from increased energy efficiency in their buildings through reduction in overall energy usage after implementing the new standards for new construction or retrofit applications. Some concern was expressed regarding education and training needs, but the GOE currently offers a minimum of four (4) trainings per year to address the education and training needs associated with the adoption of a new energy code. The Northern Nevada ICC committee has also expressed their intent to adopt the 2018 IECC and provide training.

Based on the GOE’s review of the 2018 IECC provisions, the summary of responses from the stakeholders, along with other code comparison documents available on the web, the Director determines that the proposed regulation changes are not likely to impose a direct or significant economic burden on small businesses. Adoption of the most recent IECC will allow for the encouragement of the construction of energy efficient buildings as well as the installation of energy efficient upgrades in existing buildings in the State of Nevada.

Sincerely,

[Signature]
Angela Dykema, Director
NOTICE OF ADOPTION OF REGULATION


Angela Dykema, Director

5-25-18
Date
PROPOSED REGULATION OF

THE DIRECTOR OF THE OFFICE OF ENERGY

LCB File No. R153-17

March 6, 2018

EXPLANATION – Matter in italics is new; matter in brackets [omitted material] is material to be omitted.

AUTHORITY: §§1 and 2, NRS 701.220.

A REGULATION relating to energy conservation; revising provisions governing the adoption by reference of the International Energy Conservation Code; and providing other matters properly relating thereto.

Legislative Counsel’s Digest:

Existing law requires the Director of the Office of Energy to adopt regulations for the conservation of energy in buildings, including manufactured homes. The regulations must include the adoption of the most recent version of the International Energy Conservation Code, issued by the International Code Council, and any amendments to the International Energy Conservation Code that will not materially lessen the effective energy savings requirements of the International Energy Conservation Code and are deemed necessary to support effective compliance and enforcement of the International Energy Conservation Code. The regulations also must establish the minimum standards for: (1) The construction of floors, walls, ceilings and roofs; (2) The equipment and systems for heating, ventilation and air-conditioning; (3) Electrical equipment and systems; (4) Insulation; and (5) Other factors which affect the use of energy in a building. Finally, the regulations must provide for the adoption of the most recent version of the International Energy Conservation Code, and any amendments thereto, every third year. (NRS 701.220)

Existing regulations provide that: (1) The Director has adopted by reference the 2012 International Energy Conservation Code; (2) On or before July 1, 2015, and every third year thereafter, the Director will review the most recent version of the International Energy Conservation Code, including any amendments thereto, and will adopt by reference the most recent version of the International Energy Conservation Code as the Director deems necessary to support effective compliance with and enforcement of the International Energy Conservation Code in this State; and (3) The Director will post on an
Internet website maintained by the Office of Energy the notice of adoption of the most recent version of the *International Energy Conservation Code*, the date of adoption and any amendments to the *International Energy Conservation Code* adopted by the Director by regulation. (NAC 701.185)

**Section 1** of this regulation: (1) Provides that the Director adopts by reference the most recently published form of the *International Energy Conservation Code* unless the Director gives notice that the most recently published form is not suitable for this State; (2) Adds provisions currently contained in NAC 701.187 concerning the availability of the *International Energy Conservation Code*; and (3) Sets forth the process by which the Director may determine that a particular revision of the *International Energy Conservation Code* is not suitable for this State. **Section 2** of this regulation repeals NAC 701.187, the provisions of which are added to subsection 2 of NAC 701.185 by **section 1** of this regulation.

**Section 1.** NAC 701.185 is hereby amended to read as follows:

> 701.185 1. The *Director hereby adopts by reference the International Energy Conservation Code [is hereby adopted by reference] in the form most recently published by the International Code Council, unless the Director gives notice that the most recent publication is not suitable for this State pursuant to subsection 3.*

2. [On or before July 1, 2015, and on or before July 1 of every third year thereafter, the Director will review the most recent version of the International Energy Conservation Code, including any amendments thereto, and will adopt by reference the most recent version of the International Energy Conservation Code and prescribe by regulation such amendments to the most recent version of the International Energy Conservation Code in this State.] *The International Energy Conservation Code and any amendments thereto, including, without limitation, any errata, published by the International Code Council may be obtained from the International Code Council, 25442 Network Place,*
Chicago, Illinois 60673-1254, by telephone at (800) 786-4452 or at the Internet address
https://www.icesafe.org, for the price of $31 for members and $44 for nonmembers. The
combined International Energy Conservation Code and ANSI/ASHRAE/IESNA Standard
90.1: Energy Standard for Buildings Except Low-Rise Residential Buildings may be obtained
from the International Code Council for the price of $125 for members and $147 for
nonmembers. Supplemental materials to the International Energy Conservation Code may
also be obtained from the International Code Council.

3. The Director will [post on an Internet website maintained by the Office the notice of
adoption of the most recent version of the International Energy Conservation Code, the date of
adoption and any amendments to the International Energy Conservation Code adopted by the
Director by regulation] review each revision of the publication adopted by reference pursuant
to subsection 1 to determine its suitability for this State. If the Director determines that the
revision is not suitable for this State, the Director will hold a public hearing to review his or
her determination and give notice of that hearing within 6 months after the date of the
publication of the revision. If, after the hearing, the Director does not revise his or her
determination, the Director will give notice that the revision is not suitable for this State within
30 days after the hearing. If the Director does not give such notice, the revision becomes part
of the publication adopted by reference pursuant to subsection 1.

Sec. 2. NAC 701.187 is hereby repealed.
TEXT OF REPEALED SECTION