Dwelling unit construction shall meet or exceed the following requirements in order to be eligible to receive electric service under Rate 5:

<table>
<thead>
<tr>
<th>Building Component</th>
<th>Minimum Thermal Value of Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ceilings</td>
<td>R-38</td>
</tr>
<tr>
<td>Exterior Walls</td>
<td>R-26</td>
</tr>
<tr>
<td>If windows are rated &lt;R-3.3</td>
<td></td>
</tr>
<tr>
<td>or R-19</td>
<td></td>
</tr>
<tr>
<td>If windows are rated ≥R3.3</td>
<td></td>
</tr>
<tr>
<td>Below Grade Walls</td>
<td>R-11</td>
</tr>
<tr>
<td>or Floors Over Unheated Enclosed Spaces</td>
<td>R-19</td>
</tr>
<tr>
<td>or R-10</td>
<td></td>
</tr>
<tr>
<td>Around basement perimeter to two feet below grade</td>
<td></td>
</tr>
<tr>
<td>Basement Walls (finished and/or intentionally heated basement)</td>
<td>R-19*</td>
</tr>
<tr>
<td>Slab on grade</td>
<td>R-7</td>
</tr>
<tr>
<td>Overhang Floors (considered similar to floors over ambient air)</td>
<td>R-33</td>
</tr>
<tr>
<td>Interior Walls Between Separately Heated Units</td>
<td>R-11</td>
</tr>
<tr>
<td>Windows/Skylights</td>
<td>R-3.3 (with R-19 walls)</td>
</tr>
<tr>
<td>or R-2.5 with R-26 walls</td>
<td></td>
</tr>
<tr>
<td>(Overall Rating)</td>
<td></td>
</tr>
</tbody>
</table>

*Note: Basement walls above grade shall be insulated to match levels of exterior.
Exterior Doors

R-8
(Overall Rating)

Performance Approach

The stated R value for any building component, such as the ceiling, wall, windows, doors, or floor may be decreased and other R values increased providing the total building energy performance meets or exceeds the building performance achieved using the prescriptive approach.

Air Infiltration

A residential building must achieve a minimum of 15 points from the following infiltration points scale in order to meet the infiltration standard. Mandatory measures must be completed in all cases.

<table>
<thead>
<tr>
<th>Points</th>
<th>Construction Measure</th>
</tr>
</thead>
</table>
| 13     | Continuous air infiltration barrier installed on exterior side of exterior walls, with all joints and penetrations through the barrier sealed; the barrier must cover all joints in the building envelope, from sill to top plate, and must act as a gasket or be sealed to all

Supersedes Rate 5 Construction Standard Rider
Effective March 8, 1990

Effective July 1, 1993
By Decision dated June 16, 1993
Docket No. 92-11-11
Revised to Reflect New Trade Name October 1, 2015
Docket No. 14-05-06
window and door frames;

13  

(b) Continuous vapor retarder sheet (e.g., polyethylene sheeting of 4 mils, minimum) installed on heated-in-winter side of exterior walls, sealed at all penetrations (electrical outlets, window, and door frames); retarder must be continuous over all envelope joints and junctions (corners, band joist, interior partition meeting exterior wall, etc.), and must be lapped and sealed with acoustical sealant at all retarder joints; electrical outlets and switches in exterior wall must be gasketed with foam inserts, or of a proven airtight design.

20  

(item a above) plus (item b above). The combined system yields 20 points.

1  

All electrical outlets and switches in exterior walls gasketed with foam inserts (0 points if credit taken for an air infiltration barrier or continuous vapor retarder).

4  

Interior partitions, duct drops, and cabinet soffits framed after installation of continuous vapor barrier (e.g., polyethylene sheeting) and continuous drywall on ceiling.

3  

No recessed lighting fixtures installed in ceilings between conditioned and unconditioned spaces, or specification of “IC” (insulated ceiling) recessed light fixtures.

3  

Windows and doors certified to have infiltration rates below 0.25 cfm per foot of crack (windows) or per square foot (doors).

2  

Windows and doors certified to have infiltration rates from 0.26 to 0.34 cfm per foot of crack (windows) or per square foot (doors).

1  

Windows and doors certified to have infiltration rates from 0.35 to 0.5 cfm per foot of crack (windows) or per square foot (doors).

1  

Storm doors and windows provided.

5  

Sealed and taped ductwork specified for all supply and return air ducts located in unconditioned space, if a duct system is used.