Adelaide households win out from better building standards

It’s time to increase NatHERS energy ratings to 7 Stars and require efficient appliances and solar.

The National Construction Code is being updated in 2022. It has been over a decade since energy standards for new homes were last increased, and Australia is falling behind the rest of the world. Because buildings stand for decades, failing to lift standards now will lock in 78 million tonnes of emissions and $12.6 billion in energy network costs to 2050.

Not only will higher standards cut emissions, make homes more comfortable, and reduce pressure on the grid – they will also leave Adelaide households with more money in their pocket.

Independent research from Renew shows that lifting standards will cut Adelaide power bills by 45% over business as usual with a gas connection, and 77% if households choose to go all-electric.

Renew’s research shows that the bill savings outweigh any additional home loan costs of higher standards. An Adelaide household in a 7-Star home with solar will be better off over business as usual by $91 a month with a gas connection, and up to $206 with all-electric appliances.

Meanwhile, by consuming less, generating more, and exporting excess renewable electricity to the grid, introducing higher standards with solar will significantly reduce net household emissions for Adelaide homes.
Melbourne households win out from better building standards

It’s time to increase NatHERS energy ratings to 7 Stars and require efficient appliances and solar.

The National Construction Code is being updated in 2022. It has been over a decade since energy standards for new homes were last increased, and Australia is falling behind the rest of the world. Because buildings stand for decades, failing to lift standards now will lock in 78 million tonnes of emissions and $12.6 billion in energy network costs to 2050.

Not only will higher standards cut emissions, make homes more comfortable, and reduce pressure on the grid – they will also leave Melbourne households with more money in their pocket.

Independent research from Renew shows that lifting standards will cut Melbourne power bills by 46% over business as usual with a gas connection, and 78% if households choose to go all-electric.

Renew’s research shows that the bill savings outweigh any additional home loan costs of higher standards. A Melbourne household in a 7-Star home with solar will be better off over business as usual by $24 a month with a gas connection, and up to $131 with all-electric appliances.

Meanwhile, by consuming less, generating more, and exporting excess renewables to the grid, introducing higher standards with solar will significantly reduce net household emissions for Melbourne homes.
Brisbane households win out from better building standards

It’s time to increase NatHERS energy ratings to 7 Stars and require efficient appliances and solar.

The National Construction Code is being updated in 2022. It has been over a decade since energy standards for new homes were last increased, and Australia is falling behind the rest of the world. Because buildings stand for decades, failing to lift standards now will lock in 78 million tonnes of emissions and $12.6 billion in energy network costs to 2050.

Not only will higher standards cut emissions, make homes more comfortable, and reduce pressure on the grid – they will also leave Brisbane households with more money in their pocket.

Independent research from Renew shows that lifting standards will cut Brisbane power bills by 37% over business as usual with a gas connection, and 74% if households choose to go all-electric.

Renew’s research shows that the bill savings outweigh any additional home loan costs of higher standards. A Brisbane household in a 7-Star home with solar will be better off over business as usual by $35 a month with a gas connection, and up to $129 with all-electric appliances.

Meanwhile, by consuming less, generating more, and exporting excess renewable electricity to the grid, introducing higher standards with solar will significantly reduce net household emissions for Brisbane homes.
Hobart households win out from better building standards

It’s time to increase NatHERS energy ratings to 7 Stars and require efficient appliances and solar.

The National Construction Code is being updated in 2022. It has been over a decade since energy standards for new homes were last increased, and Australia is falling behind the rest of the world. Because buildings stand for decades, failing to lift standards now will lock in 78 million tonnes of emissions and $12.6 billion in energy network costs to 2050.

Not only will higher standards cut emissions, make homes more comfortable, and reduce pressure on the grid – they will also leave Hobart households with more money in their pocket.

Independent research from Renew shows that lifting standards will cut Hobart power bills by 38% over business as usual with a gas connection, and 85% if households choose to go all-electric.

Renew’s research shows that the bill savings outweigh any additional home loan costs of higher standards. A Hobart household in a 7-Star home with solar will be better off over business as usual by $47 a month with a gas connection, and up to $204 with all-electric appliances.

Meanwhile, by consuming less, generating more, and exporting excess renewable electricity to the grid, introducing higher standards with solar will significantly reduce net household emissions for Hobart homes.
Perth households win out from better building standards

It’s time to increase NatHERS energy ratings to 7 Stars and require efficient appliances and solar.

The National Construction Code is being updated in 2022. It has been over a decade since energy standards for new homes were last increased, and Australia is falling behind the rest of the world. Because buildings stand for decades, failing to lift standards now will lock in 78 million tonnes of emissions and $12.6 billion in energy network costs to 2050.

Not only will higher standards cut emissions, make homes more comfortable, and reduce pressure on the grid – they will also leave Perth households with more money in their pocket.

Independent research from Renew shows that lifting standards will cut Perth power bills by 46% over business as usual with a gas connection, and 78% if households choose to go all-electric.

Renew’s research shows that the bill savings outweigh any additional home loan costs of higher standards. A Perth household in a 7-Star home with solar will be better off over business as usual by $39 a month with a gas connection, and up to $128 with all-electric appliances.

Meanwhile, by consuming less, generating more, and exporting excess renewable electricity to the grid, introducing higher standards with solar will significantly reduce net household emissions for Perth homes.
Sydney households win out from better building standards

It’s time to increase NatHERS energy ratings to 7 Stars and require efficient appliances and solar.

The National Construction Code is being updated in 2022. It has been over a decade since energy standards for new homes were last increased, and Australia is falling behind the rest of the world. Because buildings stand for decades, failing to lift standards now will lock in 78 million tonnes of emissions and $12.6 billion in energy network costs to 2050.

Not only will higher standards cut emissions, make homes more comfortable, and reduce pressure on the grid – they will also leave Sydney households with more money in their pocket.

Independent research from Renew shows that lifting standards will cut Sydney power bills by 43-44% over business as usual with a gas connection, and 73% if households choose to go all-electric.

<table>
<thead>
<tr>
<th></th>
<th>Eastern suburbs</th>
<th>Western suburbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business as usual</td>
<td>$2,001</td>
<td>$1,496</td>
</tr>
<tr>
<td>7-Star all-electric</td>
<td>$1,511</td>
<td>$1,955</td>
</tr>
<tr>
<td>7-Star with gas</td>
<td>$1,150</td>
<td>$546</td>
</tr>
<tr>
<td>connection and solar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7-Star all-electric</td>
<td></td>
<td></td>
</tr>
<tr>
<td>with solar</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Renew’s research shows that the bill savings outweigh any additional home loan costs of higher standards. A Sydney household in a 7-Star home with solar will be better off over business as usual by up to $21 a month with a gas connection, and up to $98 with all-electric appliances.

Meanwhile, by consuming less, generating more, and exporting excess renewable electricity to the grid, introducing higher standards with solar will significantly reduce net household emissions for Sydney homes.
Northern Territory households win out from better building standards

It’s time to increase NatHERS energy ratings to 7 Stars and require efficient appliances and solar.

The National Construction Code is being updated in 2022. It has been over a decade since energy standards for new homes were last increased, and Australia is falling behind the rest of the world. Because buildings stand for decades, failing to lift standards now will lock in 78 million tonnes of emissions and $12.6 billion in energy network costs to 2050.

Not only will higher standards cut emissions, make homes more comfortable, and reduce pressure on the grid – they will also leave Northern Territory households with more money in their pocket.

Independent research from Renew shows that thanks to lower energy use and good solar panel output, 7-Star homes with solar will cut Darwin power bills by 63% and Alice Springs power bills by up to 91%.

Renew’s research shows that the bill savings outweigh any additional home loan costs of higher standards. A Darwin household in a 7-Star home with solar will be better off over business as usual by $117 a month, and an Alice Springs household in a 7-Star home with solar will be better off over business as usual by $113 a month.

Meanwhile, by consuming less, generating more, and exporting excess renewable electricity to the grid, introducing higher standards with solar will significantly reduce net household emissions for Territory homes.

<table>
<thead>
<tr>
<th></th>
<th>Darwin (Business as usual)</th>
<th>Darwin (7-Star all-electric with solar)</th>
<th>Alice Springs (Business as usual)</th>
<th>Alice Springs (7-Star all-electric with solar)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual energy bills</td>
<td>$2,631</td>
<td>$979</td>
<td>$1,745</td>
<td>$157</td>
</tr>
<tr>
<td>Net annual emissions (tonnes CO2-e) - Northern Territory</td>
<td>5.3</td>
<td>-2.7</td>
<td>-3.4</td>
<td></td>
</tr>
</tbody>
</table>

---

**Darwin**
- **Business as usual**: $2,631
- **7-Star all-electric with solar**: $979

**Alice Springs**
- **Business as usual**: $1,745
- **7-Star all-electric with solar**: $157