

Residential energy efficiency

Question 1

The proposed two options take into account the Trajectory's overarching objective (i.e. reducing greenhouse gas emissions, improving energy productivity, reducing energy bills, etc.) as well as the ABCB's obligations under the IGA (i.e. nationally consistent, minimum necessary regulation).

Which option best achieves both the Trajectory's objectives and the ABCB's IGA obligations?

- Option 1
- Option 2
- Neither

Question 2

Performance Requirement 1 (PR1) sets the minimum thermal performance of the building fabric of residential buildings. PR1 allows Heating and Cooling Load Limits to be calculated based on the Heating Degree Hours (HDH), Cooling Degree Hours (CDH) and Dehumidification Gram Hours (DGH) of the climate that the building is in.

Is this the appropriate method for quantifying PR1?

- Yes
- No

Question 3

Performance Requirement 2 (PR2) sets the maximum allowable energy usage of a building, using total cost of energy as the metric for measurement. Time Dependant Value (TDV) of Energy is an internationally established method of considering total cost of energy. A TDV metric is able to account for costs to the user, society and the environment, and also allows for fair consideration of the impact of onsite renewable energy generation.

Is this the appropriate method for quantifying PR2?

- Yes
- No

Question 4

Do you think the application of the Deemed-to-Satisfy (DTS) elemental provisions should be limited to buildings under a certain floor area?

- Yes
- No

Question 5

A possible threshold for the elemental provisions could be 120 m², which represents the size of smaller three-bedroom houses. Alternatively, a much larger threshold of 300 m² could be applied.

At what level do you think the threshold should be set?

- 120 square metres
- 300 square meters
- Other

Question 6

Both options propose allowances for services (space heating and cooling, heated water, lighting, water pumps) as per those recommended by Trajectory.

Do you think it is reasonable to investigate the allowances recommended by the Trajectory as the minimum requirements for the DTS elemental provisions?

- Yes
- No

Question 7

Please select all the compliance pathways that you see merit in developing.

- An elemental pathway with basic DTS Provisions, likely for limited application to buildings under a certain size and alterations and additions.
- A NatHERS compliance pathway which includes necessary DTS elemental provisions.
- An expanded and more detailed 'reference building' Verification Method.
- Whole-of-house 'tools', such as BASIX and the Victorian Scorecard.
- Other Performance Solutions.

Question 8

Which compliance pathway do you currently use or have used to meet energy efficiency requirements?

Please rank the top two compliance pathways you use or have used.

- DTS elemental provisions
- A NatHERS Compliance pathway which includes necessary DTS elemental provisions
- Reference building' Verification Method
- Other Performance Solutions
- None of the above

Question 9

Which whole-of-house tools are best suited to demonstrating NCC compliance with the Performance Requirements proposed in the scoping study?

- BASIX
- Victorian Scorecard
- Other

If other, please specify.

Question 10

Should the ABCB consider the NCC referencing whole-of-house tools accredited under NatHERS (if NatHERS is expanded to fulfil this role)?

- Yes
- No

Question 11

Should the ABCB investigate provisions that ensure residential buildings have the capability to accommodate the future installation of on-site renewable energy equipment and/or electric vehicle charging?

Please select all that apply.

- Yes, renewable energy equipment
- Yes, electric vehicle charging
- No

Question 12

Do you have any additional comments in relation to the residential energy efficiency section of the scoping study?

Commercial energy efficiency

Question 1

Should the ABCB investigate the incorporation of future climate files in JV1, JV2 and JV3?

- Yes
- No

Question 2

Do you support updating Verification Method JV3 to allow the assessment of Class 2 sole-occupancy units?

- Yes
- No

Question 3

Do you support an update to Verification Method JV1 (NABERS Energy for Offices) to allow the assessment of apartments (Class 2), hotels (Class 3), shopping centres (Class 6), data centres (Class 8) and hospitals (Class 9a)?

- Yes
- No

Question 4

Should the ABCB investigate accounting for the effect of thermal bridging due to penetrations when calculating Total R-Value?

- Yes
- No

Question 5

The current DTS Provisions only cater to horizontal shading. Do you support the inclusion of provisions that would cater to vertical shading?

- Yes
- No

Question 6

Should buildings of different sizes have different requirements for the energy efficiency of walls and glazing?

- Yes
- No

Question 7

Do you support allowing greenhouse gas emissions of the proposed building to be offset by on-site renewable energy when using Verification Method JV3?

- Yes
- No

Question 8

Do you support the introduction of minimum requirements for on-site renewable energy (i.e. PV) for some commercial buildings?

- Yes
- No

Question 9

Should the ABCB investigate provisions that ensure commercial buildings have the capability to accommodate the future installation of on-site renewable energy equipment and/or electric vehicle charging?

Please select all that apply.

- Yes, renewable energy equipment
- Yes, electric vehicle charging
- No

Question 10

Do you have any additional comments in relation to the commercial energy efficiency section of the scoping study?