



Significant changes to the National Construction Code 2022 included increasing the requirements for energy efficiency and condensation management and the introduction of whole of house assessment. There were also changes to the Victorian Planning Provisions and all planning schemes that took effect from 1st January 2024 that mean that new homes, apartments and residential subdivisions applying for a planning permit can no longer be connected to the gas network.

These webinars will increase skills and knowledge in topics such as environmentally sustainable design and construction and home electrification.

This initiative is funded by Solar Victoria as part of the Training and Workforce Development program.

Content:

Webinar 1 (part 1)

- NCC 2022 energy efficiency requirements
- NCC 2022 condensation requirements
- Maximising the Star rating with good passive solar design
- building 7 Star homes
- avoiding condensation
- addressing air tightness
- passive house
- real member case studies

Webinar 2 (part 2)

- All electric homes
- changes to the Victorian Planning provisions and planning schemes
- what these will mean for your clients
- delivering all electric, zero carbon homes
- appliance options
- benefits for your clients

Learning Outcomes:

At the end of the webinars students will have increased their knowledge in the following areas.



- How the NCC 2022 energy efficiency differ from those of NCC 2019. What is NatHERS, how does it work and what does it mean to build a 7 Star home. What is passive solar design and how does it contribute to increasing the energy rating of a home. The importance of windows and the characteristics of high performing windows.
- How are the NCC 2022 condensation requirements different to those of NCC 2019. How condensation is produced in the home and how much do client actions contribute to it. The problems condensation can cause to the building structure and client health. Building to avoid condensation problems and the materials to use. The different classes of building wraps and their role in reducing condensation problems.
- The role of air tightness in improving energy efficiency and the importance of knowing the air tightness of buildings you build. How it is measured and the methods to build tighter. The role of Heat Recovery Ventilation systems in ensuring a controlled air flow and controlling thermal bridging.
- Passive house principles as an example of best practice.
- The changes to the Victorian Planning provisions and planning schemes and the ban on gas connections. Why were the changes made and the circumstances when they apply and when they don't.
- Discussing these with your clients and how to deliver all electric homes. The importance of understanding heating and cooling systems, hot water and cooking appliance options. What to look for when making the best choice from the options available.
- The benefits for your clients in terms of reduced energy bills and improving indoor air quality.
- Solar panel systems, smart homes and batteries. Future proofing new homes.
- What is a zero carbon home and how to achieve it.
- Opportunity for questions, answers and knowledge share.

Delivery:

The webinars will be delivered as 2 separate 1 hour sessions. Commencing early morning (Registration 7.30 am for 8.00am start).

When:	Webinar 1	17 th September
	Webinar 2	24 th September
Time:	8.00 am to 9.00 am	
Cost:	Free to all	
CPD:	1 point for each	
Target Audience:	Builders, trades, designers, apprentices, energy raters, surveyors, trainers, anyone in the construction industry,	

Certificate of Attendance provided on request.

