



Moreland
City Council

Toward Zero Carbon in the Planning Scheme

Moreland's Environmentally Sustainable Development (ESD) Policy v2.0

Newsletter Issue 2 February 2021

Welcome to Moreland's second newsletter aimed to keep you informed on our journey to achieve a zero carbon planning scheme.

Our Pledge – Net Zero Emissions

In August 2020, Council provided the Minister for Energy, Environment and Climate Change a Council Pledge for inclusion within the Victorian Government's Climate Change Strategy. Our Pledge outlines Moreland's commitment to achieve a zero carbon planning scheme and help Victoria transition to a net zero emissions community and economy.

Collaboration

Elevating Targets Project

Over the past 12 months, Moreland has been a part of a Working Group established through the Council Alliance for Sustainable Built Environment (CASBE) reviewing the policy currently being used to make planning decisions and provide recommendations for change.

This review looks at the environmental targets of different environmental building categories and the tools to best achieve the associated targets. The environmental building categories include:

- Energy (inc. Energy Efficiency and Renewables)
- Urban Ecology (inc. Green Infrastructure)
- Circular Economy (inc. Waste and Materials)
- Transport (inc. Electric Vehicles)
- Indoor Environment Quality

- Integrated Water Management
- Climate Resilience

Draft, revised, objectives and standards have been provided to CASBE member Councils for feedback which will be road tested to determine their applicability within a Planning Scheme Amendment.

DELWP's 'ESD Roadmap'

Following the Festive Period, the Department of Environment, Land, Water and Planning (DELWP) released their Environmentally Sustainable Development (ESD) Roadmap outlining the structure and timeframes of the State ESD Policy. Council are preparing a submission to the ESD Roadmap and draft planning scheme provisions that were released. Council's submission also aligns with other Councils pursuing Planning Scheme Amendments that elevate environmental requirements and the objectives and standards established within the CASBE Working Group, advocating for zero carbon development.

Memorandum of Understanding (MoU)

In early 2021, Council intends to formally invite CASBE member Councils to partner on a joint Planning Scheme Amendment that will seek to include the environmental objectives and standards in the planning scheme that supports zero carbon development. A MoU will recognise this commitment.

For More Information – Contact Us

Online

[Achieving Zero Carbon in the Moreland Planning Scheme](#)

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Key Projects Currently Underway

We are making significant progress with the investigative and evidence work needed to support changes to the planning scheme to direct new development to include solar photovoltaic systems and low emission vehicle infrastructure or ensure electric vehicle readiness.

Solar Photovoltaic (PV) systems in new development

This project's aim is to establish prescriptive standards or a simple methodology to incorporate renewable energy systems, such as solar PV systems, in new development.

What type of development will require solar PV?

New townhouse, apartment and industrial buildings will be required to include a solar PV system of a particular size, design and location.

Will the requirement differ between each building type?

Yes, a different requirement is being developed for each of the three building types as their building design, function and energy needs differs.

Can installing solar PV achieve net zero emissions for each building?

Industrial buildings have large roof areas that can provide the space for a solar PV system to offset the energy use of the building.

For residential buildings, such as townhouses and apartments, net zero emissions can be achieved with the installation of a solar PV system in conjunction with energy efficient services and appliances and some offsite renewable energy purchases.

Have the requirements (standards) been road tested?

The requirements have been tested against planning applications in each of the different building types to ensure they can work and are financially viable.

How much will this cost a new development?

Analysis has shown the cost to include solar PV system in a new development is marginal across all the building types. Additionally, long term electricity cost savings are realised by having such systems.



Electric Vehicle (EV) infrastructure in new development

This project aims to establish prescriptive standards or a simple methodology for new development to either provide low emission (electric vehicle) infrastructure or ensure electric vehicle readiness.

What type of development will the EV requirements relate to?

New townhouse and apartment development will be required to be EV ready.

What does EV ready mean?

EV ready means that the building has the energy capabilities and EV infrastructure within the building, or, is built so the infrastructure can be easily installed at a later date.

Will the requirement differ between each building type?

Yes, there will be different requirements for the two building types (townhouses and apartments).

Have the requirements (standards) been road tested?

The requirements have been tested against applications for townhouse and apartment type developments to ensure they can work and are financially viable.

How much will this cost a new development?

Analysis has shown that the cost to ensure EV readiness and incorporate EV infrastructure is minimal in comparison to overall construction costs. Additional benefits are realised through the installation of such systems, most notably that future installation costs are significantly reduced if buildings are EV ready upon construction.

Moreland Language Link

廣東話 9280 1910

Italiano 9280 1911

Ελληνικά 9280 1912

عربي 9280 1913

Türkçe 9280 1914

Tiếng Việt 9280 1915

हिंदी 9280 1918

普通话 9280 0750

ਪੰਜਾਬੀ 9280 0751

All other languages
9280 1919