











Climate Emergency Plan Progress Summary 2023-2024

This progress summary highlights the key achievements the community and the Mornington Peninsula Shire have made in the past 12 months that have contributed to reaching our goal of net zero carbon emissions by 2040. More detail can be found in the full report at mornpen.vic.gov.au/trackourprogress

At a minimum, directly quantifiable community and Shire actions have resulted in reduced energy costs to the community of at least **\$6.6m** and a reduction of over **28,616 tonnes of CO₂-e** in the last **12 months**. This is equivalent to **6,811 cars** removed from the road.¹

1. Annual community energy cost savings of \$4.8m are from 23/24 solar installations. Shire savings of approximately \$1.78m are from lighting, appliance upgrades, and renewables.

Key community achievements supported by the Shire:

-  **25.4% of buildings** on the Mornington Peninsula have installed solar panels. **1,433 solar PV systems** were installed in 2023/24, adding **14MW** of renewable energy generation capacity.
-  Repower launched a new brand and marketing campaign increasing their social media following by **60-80%**, hosted **14 events** and established **10 industry partnerships**
-  **65 free consultations** were delivered to residents by trained volunteer 'Energy Heroes'
-  Advocated to State and Federal governments for **increased support** for vulnerable community members to build resilience to climate change.
-  Awarded a total of **\$103,490** through Climate Action grants to **19 community-led initiatives**, now totalling \$342,291 across 59 projects.
-  An additional **16 businesses** committed to eliminating single use plastic, totalling **87**.
-  **738** free, Shire-funded Sunspot solar assessments completed
-  **96 hectares of biolinks** created and **52,234 trees and shrubs** planted. Total **278 Ha of biolinks** created.

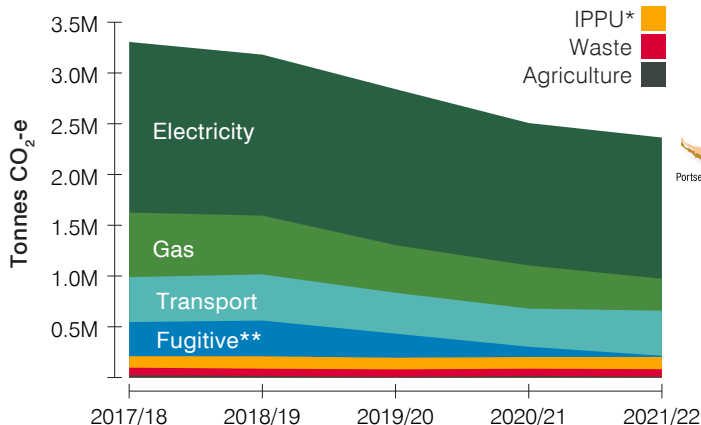











Fig 1. Mornington Peninsula Shire greenhouse gas emissions reduction
*Industrial Processes and Product Use (IPPU)
– emissions occurring from manufacturing processes and refrigerants
** Fugitive - unintentional emissions from leaks and losses
Source: Snapshot Climate

Key Shire achievements:

-  Progressed the federally-funded **Flinders Community Battery project**. Launch planned for October 2024
-  Electrified an additional **five Shire buildings**, totalling **23**.
-  Installed an additional **40kW of battery storage capacity** at Shire buildings.
-  Progressed the Shire's virtual energy network feasibility trial across **24 different Shire sites**
-  Developed our **Urban Forest Strategy**
-  Facilitated the installation of an additional **public vehicle charger** in Mornington
-  Established the **Community Climate group**
-  Collected and diverted from landfill almost **22,069 tonnes** of mixed FOGO material from **21,000 households**.
-  Commenced development of the **Our Coast, Our Future (OCOF) Strategy**

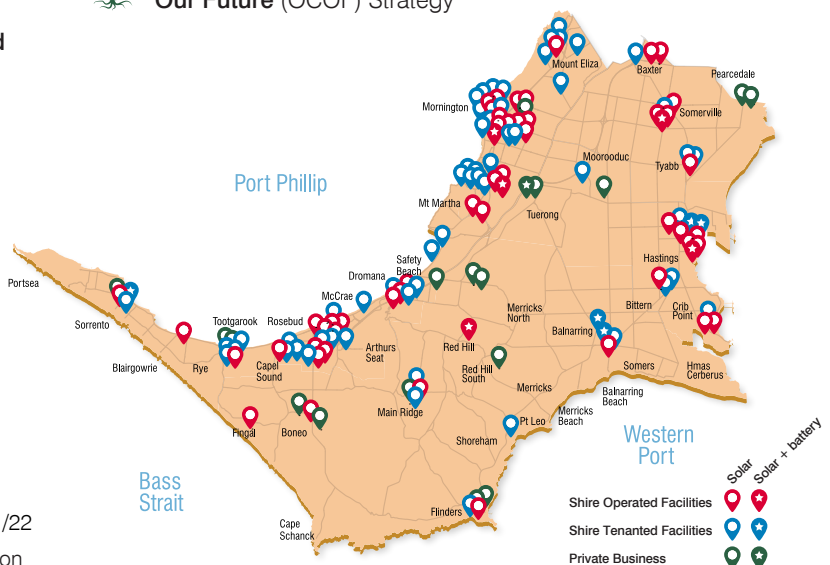


Fig 2. Solar/battery installations resulting from Shire programs. A total capacity of 3.3 MW solar reduces carbon emissions by over 3,600 carbon tonnes per year.