

# Wyndham City Corporate Greenhouse Action Plan - DRAFT

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Action Area	Actions	Year	Financing
<b>Energy Efficiency Council Buildings and Assets</b>	Undertake energy audits of 3 of Council's biggest utility users - Aquapulse, Eagle Stadium and Werribee Outdoor Pool.	2018/2019	Existing operational budget
	Deliver a broad suite of cost effective energy efficiency upgrades at Council's most suitable buildings via an Energy Performance Contract (EPC) model or similar. Investigate reinvesting financial savings into future energy efficiency and renewable energy programs to further reduce operating costs.	2019/2020	Capital works budget application
	Change over all remaining full share inefficient street lights to LED (approx. 5,800).	2018-2021	Approved capital works budget
	Investigate options and changeover inefficient cost share lights (approx. 1,600), where feasible.	2020/2021	Capital works budget application
	Implement a Cool roof trial on a Wyndham building (Cool Roof Paint)	2020/2021	Capital works budget application
	Pilot a green wall on a Wyndham building.	2019/2020	Capital works budget application
	Investigate opportunities for precinct energy solutions for Council facilities and/or participate in a Virtual Power Plant trial/Microgrid trial.	Ongoing	External grant application
	Investigate emerging solar opportunities such as solar roofing tiles and solar bike paths.	Ongoing	Existing operational budget
	Investigate and implement (where feasible) undercover solar carparking for a Wyndham carpark.	2021	Existing operational budget
	Implement Wyndham Solar City. Round two of solar installation on Council owned buildings with a focus on sporting clubs. Installation of 745kW on over 30 Council buildings.	2018-2021	Approved capital works budget
<b>Renewable Energy</b>	Establishment of solar monitoring for all solar systems.	2018/2019	Approved capital works budget
	Implement a solar maintenance contract.	2018/2019	Approved capital works budget

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	Monitor the performance of trial batteries installed in 2018. Establish a storage battery business case of Wyndham buildings with suitable electricity usage profiles.	2018/2019	Approved capital works budget
	Installation of 200kWh of storage batteries on existing solar sites.	2018/2019	Approved capital works budget.
	Investigate a regional Power Purchase Agreement for the purchase of renewable power for Council operations. Purchase a minimum of 25% of renewable energy under Council's next energy contract.	2018/2019	Existing operational budget
<b>Fleet</b>	Implement driver education training and incentives for fuel efficient driving.	2019/2020	Existing operational budget
	Review of fleet policy to deliver greater environmental, social and financial benefits.	2018/2019	Existing operational budget
	Apply fuel efficiency criteria to the purchase and lease of new vehicles, with consideration given to the Green Vehicle Guide. Phasing out of diesel passenger vehicles.	Ongoing	n/a
	Provide annual fleet bike training and promotion.	Ongoing	Existing operational budget
	Where fit-for-purpose, purchase hybrid vehicles for small vehicle purchases.	Ongoing	Existing operational budget
	Investigate an alternative fuel vehicle for community transport vehicles.	2019/2020	Existing operational budget
	Trial the use of two fully electric vehicles in Councils fleet, and installation of electric charging points at the Civic Centre and Depot.	2018/2019	Capital works business case
<b>Policy / Partnerships</b>	Partner with a research facility to trial new technology to reduce emissions.	Ongoing	New initiative business case

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	Update Council's Environmentally Sustainable Development (ESD) Policy to reflect best practice, and increase scope to include public lighting and furniture selection.	2018/2019	Existing operational budget
	Engagement with Energy Distributor Powercor through a working group and biannual meetings to encourage energy efficiency opportunities.	Ongoing	Existing operational budget
	Development of guidelines for community events on how to reduce greenhouse gas emissions, including recommended minimum carbon offsets.	2019/2020	Existing operational budget
	Support the implementation of regional activities and advocacy on climate change mitigation and adaptation through ongoing memberships of organisations such as WAGA.	Ongoing	Existing operational budget
<b>Reporting, Monitoring and Education</b>	Monitor and report annually on Council's greenhouse gas emissions through the State of the Environment Report. Report on Community GHG emissions via Global Covenant of Mayors Reporting.	Ongoing	Existing operational budget
	Prepare for National Carbon Offset Standard (NCOS) reporting in 2022, with a view of offsetting 50% of Council emissions by 2023 (excluding the RDF). NCOS is a voluntary standard to manage greenhouse gas emissions and to achieve carbon neutrality. It provides best-practice guidance on how to measure, reduce, offset, report and audit emissions for organisations, products and services, events, precincts and buildings, excluding the RDF.	Ongoing	Existing operational budget
	Conduct staff training and behaviour change programs to ensure facilities and equipment are operated efficiently. This includes improved processes, monitoring, communication and consultation.	Ongoing	Existing operational budget
	Establish internal monitoring and reporting for the implementation of the GAP. Develop internal behaviour change incentives, training and education.	Ongoing	Existing operational budget
	Improve systems and processes to manage utilities across Council, to improve accuracy and accountability for utilities management.	Ongoing	Existing operational budget

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	Monitor and review performance of solar systems for 12 months of operation and undertake a financial assessment.	Ongoing	Existing operational budget
<b>Offsets</b>	Investigate partnerships to plant trees for carbon offsets in Wyndham.	2020/2021	Existing operational budget
	Develop guidelines for offset purchasing (including social responsibility, accuracy of emission reductions, biodiversity and transparency).	2020/2021	Existing operational budget
<b>Procurement /Supply Chain</b>	Undertake a review of opportunities to reduce the carbon impacts associated with our supply chain and develop a plan to implement initiatives.	2018/2019	Existing operational budget
	Organise supply chain workshops/education to encourage businesses to reduce emissions and develop carbon neutral products and services.	2018/2019	Existing operational budget
	Investigate divestment of Council funds away from banks and other institutions that fund, or engage in, fossil fuel resource development and deployment.	2019/2020	Existing operational budget