



# Greenhouse and Energy Management Policy

## Scope

This policy governs Hunter Water's approach to managing energy and abatement of greenhouse gas emissions for all Hunter Water activities and operations.

## Policy Statement

Hunter Water Corporation is a State Owned Corporation and the water and wastewater service provider for over half a million people in the lower Hunter Region. Services include construction, operation, management and maintenance of systems for the supply of drinking water, collection and treatment of wastewater, the provision of recycled water and stormwater services.

### Hunter Water is committed to:

- Adopting and promoting the United Nations Sustainable Development Goals and applying them to our energy and greenhouse gas emissions strategies
- Maximising the productivity of our energy purchases and optimising the energy efficiency of our assets
- Maximising energy recovery potential for all forms of energy where cost effective
- Maintaining a reliable energy supply
- Incorporating the cost of energy and greenhouse gas emissions into business and investment decisions
- Reducing our carbon emissions to help meet NSW Government target of net-zero emissions by 2050
- Active participation in demand response to help NSW meet electricity demands during supply shortage events.
- Complying with all relevant energy and greenhouse gas related regulation

## Application of Policy

### Hunter Water will achieve this by:

- Providing appropriate resources to meet the stated objectives
- Pursuing financially viable greenhouse gas abatement projects, renewable energy opportunities and resource recovery opportunities
- Modifying operations, where possible, to reduce energy use and or energy costs
- Modifying operations to reduce greenhouse gas emissions where cost effective and in line with customer support
- Building and maintaining a comprehensive energy and greenhouse gas emissions measurement system
- Developing an energy and greenhouse gas emissions monitoring and reporting framework with measurable targets including energy management plans for major assets
- Providing training and raising awareness of energy and greenhouse gas emissions management procedures, initiatives and conservation opportunities to employees
- Developing a sustainable decision making framework so that the impacts of energy use and greenhouse gas emissions are considered in business and investment decisions
- Communicating energy and greenhouse gas emissions management objectives and performance both to employees and external stakeholders

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- Incorporating specific energy and greenhouse gas emissions management targets and KPI's into all major contracts relating to operational facilities
- Reviewing and auditing energy and greenhouse gas emissions management systems and their performance

Strategies will be developed which clearly set out Hunter Water's energy and greenhouse gas emissions targets, management actions and clear delegation of responsibilities for meeting the policy commitments outlined above. This policy applies to all Hunter Water Corporation employees, labour-hire staff, contractors and consultants.

## Associated Regulations and Standards

Requirements for an environmental policy are outlined in the international standard: ISO 14001 Environmental management systems—Requirements with guidance for use; and ISO 14004 Environmental management systems—General guidelines on principles, systems and support techniques.

*National Greenhouse and Energy Reporting Act 2007 (Cth)*

## Terms, acronyms and definitions

| Term                     | Definition   |
|--------------------------|--|
| Greenhouse gas abatement | Reducing the amount of greenhouse gases produced by the business through, for example, energy efficiency initiatives or carbon sequestration via tree planting.  |
| Greenhouse gases         | Greenhouse gases are gases in the atmosphere that absorb and emit radiation within the thermal infrared range. The primary greenhouse gases associated with the water industry are water vapour, carbon dioxide, methane, nitrous oxide, and sulphur hexafluoride. |
| KPI                      | Key Performance Indicator  |
| ISO                      | International Standards Organisation   |

Signed: \_\_\_\_\_

  
Managing Director

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|-----------------|--------------------------------------|------------------------|--------------|
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