

## 2.8 Energy Use Policy

Policy and programs in areas such as urban development, transport planning, local economic development, and community development and education have an impact on greenhouse gas emissions. Local Government is also a user of energy itself through its own operations and facilities. The Town of Bassendean is a leader in energy management and is working to ensure that its energy consumption is as efficient and effective as possible. This policy is designed to assist in strategic energy management in the Town.

### Objectives

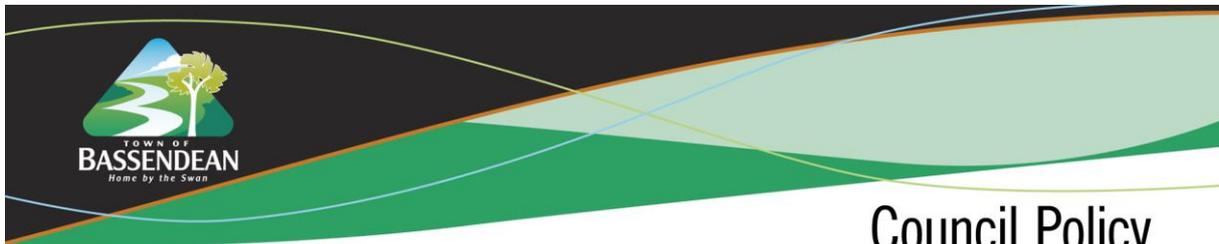
The Town of Bassendean policy objectives for Energy Use are:

- To progressively reduce greenhouse gas emissions and energy consumption beyond the Town of Bassendean's Greenhouse target of 20% of 1998 levels by 2010 to meet international best practice targets;
- To ensure that energy efficiency is a key criteria for consideration in the Town's purchasing decisions, planning and operations, to improve clean energy use.

### Strategy

In order for the Town of Bassendean to minimise energy use and to achieve the objectives the following will be undertaken:

- Improve Bassendean's greenhouse gas management and performance through the CCP Plus Program by setting achievable targets;
  - Ensure that all future Council buildings utilise energy efficient hot water systems, solar hot water systems to be considered where practical;
  - Insulate exposed pipes from water heaters, to prevent heat loss;
  - Progressively replace electric water heaters energy efficient systems e.g. solar, heat pump or gas water heaters;
  - Insulate all Council buildings and use tinting and window treatments to reduce energy use for heating and cooling;
  - Ensure that the Council vehicle fleet and travel requirements consider the associated greenhouse gas emissions;
  - Manage the Council fleet to reduce vehicle emissions, including passenger vehicles having a minimal green star rating of 3 and alternative fuels where practical;
  - Develop a data management system to record energy consumption and changes;



## Council Policy

- Ensure that new and existing Council infrastructure minimises energy/water/waste usage;
- Investigate and, where feasible, utilise alternate renewable energy sources (e.g. wind, geo-thermal);
- Annual inventories of Council buildings shall be undertaken to monitor and to minimise energy/water/waste usage;
- Maintain a commitment to the Green Bassendean program to offset carbon emissions; and
- Support research to quantify the carbon sequestration potential of native vegetation plantings.

### Detail

- Council adopted Local Planning Policy NO. 2 – Energy Efficiency Design and Building Code of Australia (BCA) 2010 “6 Star” minimum energy efficiency standards applies to Council building applications, subdivisions, land development and redevelopments and proposals;
- This policy applies to all upgrades to Council Buildings, upgrades to infrastructure and Town of Bassendean activity.
- Provide training to all relevant employees to ensure that they are aware of this Policy and are involved in assisting Council to reduce energy use;
- Openly communicate the Policy to the community and formulate local partnerships to reduce community energy use.

### Application

Responsibility for the implementation of this policy rests with the Mayor, Councillors, Council delegates and the Chief Executive Officer. The Chief Executive Officer (CEO) has the authority to administer the requirements of this policy. This policy is to be reviewed every three years.

<p><b>Policy Type:</b> Strategic Policy</p> <p><b>Link to Strategic Community Plan:</b> Environmental sustainability and adaption to climate change</p>	<p><b>Responsible Officer:</b> Director Operational Services</p> <p><b>First Adopted:</b> June 2011</p> <p><b>Last Reviewed:</b> March 2014</p> <p><b>Version</b></p> <p><b>Next Review due by:</b> December 2016</p>
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