



<b>Title:</b>	Greenhouse Gas Reduction Policy
<b>Number:</b>	501
<b>Effective:</b>	August 1, 2014
<b>Cancels:</b>	N/A
<b>Prepared by:</b>	Mike Oliver, Development Manager
<b>Approved by:</b>	Authority Board Resolution No. 2014-17

## **POL-301 GREENHOUSE GAS REDUCTION POLICY**

This policy applies to all Mason Transit Authority staff.

- 1.0 Establish policy and guidance for Agency Green House Gas reduction methods through the use of:
  - 1.1 Technologies
    - Ensure new public buildings should be models of cost-effective energy efficient design.
    - Encourage energy conservation practices in buildings by raising the awareness of employees' own energy use.
    - Conducting energy audits of publically owned buildings, evaluate potential conservation measures, and then carry out those measures that are appropriate.
  - 1.2 Employee Oriented Details
    - Encourage ride-sharing, van-pooling by all employees.
    - Providing free transit passes to employees who wish to commute by transit.
    - Supporting voluntary, employer-based trip reduction programs to include:
      - 1) Provide assistance to regional and local ridesharing organizations.
      - 2) Advocate for legislation to maintain and expand incentives for employer ridesharing programs.
      - 3) Provide public recognition of effective programs through awards, top ten lists, and other mechanisms.
  - 1.3 Energy Source and Use Details
    - Reduce Greenhouse gases by expanding the use of conservation and alternative energy sources and by increasing alternatives to driving alone.
    - Reduce pollutants from transportation activities, including through the use of cleaner fuels and vehicles and increasing alternatives to driving alone
  - 1.4 Fleet and Vehicle Details
    - Evaluate an energy-sensitive fleet management program, to include driver training, the use of alternate energy sources such as electricity, diesel or bottled gas, fuel-efficient vehicles, frequent tuning and



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maintenance of vehicles, and the use of re-refined motor oil in fleet vehicles.

- Reduce pollutants from transportation activities, including through the use of cleaner fuels and vehicles.

#### 1.5 Equipment Oriented Policy Details

- Manage agency owned and operated lighting needs by applying lighting standards and using lamps that will assure safe and effective illumination at minimum cost and energy use.
- Continue efforts to reduce pollutants from transportation activities, including the use of cleaner fuels and vehicles and increasing alternatives to driving alone

#### 1.6 Waste Reduction and Use Oriented Details

- Implement a solid waste strategy which:
  - 1) Reduces the solid waste stream by recycling and other means;
  - 2) Promote the purchase of recycled and recyclable goods.
- Reduce GHG emissions waste through improved management of waste handling and reductions in waste generation.
- Where and when allowed by the building code, encourage the use of building construction materials made from recycled and recyclable materials.

### 2.0 MTA Will

- 2.1 Reduce pollutants from transportation activities, including through the use of cleaner fuels and vehicles and increasing alternatives to driving alone.
- 2.2 Reduce the rate of energy consumption through conservation and alternative energy forms to extend the life of existing facilities and infrastructure.
- 2.3 Maintain and, where possible, improve air and water quality, soils, and natural systems to ensure the health and well-being of people, animals, and plants. Reduce the impacts of transportation on air and water quality, and climate change.



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- 2.4 Install water-efficient landscapes and irrigation including, plant drought-tolerant and native species, and covering exposed dirt with moisture retaining mulch; install water efficient irrigation systems and devices, including advanced technology such as moisture-sensing irrigation controls; install edible landscapes that provide local food.
  - 2.5 Reduce levels for air toxics, fine particulates, and greenhouse gases.
  - 2.6 Protect and enhance the environment and public health and safety when providing services and facilities.
  - 2.7 Give priority to transportation projects that will contribute to a reduction in vehicle miles traveled per capita, while maintaining economic vitality and sustainability.
- 3.0 Education and Outreach
- 3.1 Publicize energy conservation actions to raise public awareness of the value of wise energy use.
  - 3.2 Promote and expand recycling programs, purchasing policies, and employee education to reduce the amount of waste produced.
  - 3.3 Establish a coordinated, creative public outreach campaign including publicizing the importance of reducing GHG emissions and steps the community can take to reduce their individual impacts. Use a variety of methods and media to promote climate awareness and GHG reduction, including public education and outreach, and recognition of achievements.
  - 3.4 Collaborate with local energy providers to establish energy conservation. Increase public awareness of climate change and climate protection challenges, and support community reductions of GHG emissions through coordinated, creative public education and outreach, and recognition of achievements.
  - 3.5 Work with local businesses and energy providers on specific, targeted outreach campaigns and incentive programs.
- 4.0 Transit Service Development
- 4.1 Give priority to transportation projects that will contribute to a reduction in vehicle miles traveled per capita, while maintaining economic vitality and sustainability.



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- 4.2 Reduce GHG emission by reducing vehicle miles traveled and by increasing our encouraging the use of alternative fuels and transportation technologies.
- 4.3 Use park-and-ride facilities top access transit stations only at ends of regional transit ways or where adequate feeder bus service is not feasible.
- 4.4 Promote ride sharing programs that include a certain percentage of parking spaces for ride-sharing vehicle participants.
- 4.5 Support voluntary, employer-based trip reduction programs.