

Duluth City Operations – Energy Action Plan – 2011 – 2015

Energy Action Plan Targets for 2011 – 2015

Energy

Existing Building Stock - Reduce combined energy use from electricity, natural gas and steam in audited City buildings and facilities by 15% by December 31, 2015.

New Building Stock - Adopt LEED®-NC new construction standards, except energy standards, (certification not required) combined with a higher energy efficiency standard for new municipal buildings by June 30, 2013.

Street Lights - Reduce energy use for decorative street lighting by 15% by June 30, 2015.

Street Signals - Improve vehicle travel times by continuing the signal timing optimization program and by efficient signal placements and lamp replacements.

Operating Best Practices - Reduce overall energy use from operations (other than building measures such as lights and heating equipment) by 5% by June 30, 2015.

Procurement - Adopt energy related environmentally preferable purchasing (EPP) or green purchasing standards for products and services by December 31, 2012.

- Increase use of recycled content materials as an indirect way to reduce energy use.

Water - Implement water conservation measures and equipment and piping replacements to City-owned facilities to reduce water use and treatment costs for waste water.

Waste - Reduce waste generated from City operations by 10% per year from 2012 volumes by December 31, 2013.

- Increase volume of materials recycled by 20% from 2011 volumes by December 31, 2013.

Transportation – Increase Class 1 vehicles (cars & light trucks) and Class 2 vehicles Average Fleet MPG by 15% by June 30, 2015.

- Reduce gallons of gasoline used by City fleet vehicles by 12% by June 30, 2014.
- Reduce gallons of diesel fuel used by City fleet vehicles by 10% by June 30, 2015.
- Decrease total on-the-job vehicle miles traveled by City employees by at least 10% by June 30, 2015.