

**CITY OF REDMOND  
RESOLUTION NO. 1387 (AM)**

A RESOLUTION OF THE CITY COUNCIL OF THE CITY  
OF REDMOND, WASHINGTON, SUPPORTING THE  
CLIMATE ACTION IMPLEMENTATION PLAN'S  
GOVERNMENT OPERATIONS GREENHOUSE GAS  
EMISSIONS AND ENERGY CONSUMPTION REDUCTION  
STRATEGIES

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WHEREAS, the City has been tracking its operational greenhouse gas emissions and energy consumption since 2008; and

WHEREAS, the data since 2008 has shown that the City's carbon footprint continues to grow; and

WHEREAS, the Clean and Green budget priority requires effective management of basic services providing a progressive and forward-thinking city while improving the environment; and

WHEREAS, the City has identified performance measures in the 2013/2014 City operating budget for no overall increase in greenhouse gas emissions and energy consumption in 2013, and a one percent reduction in greenhouse gas emissions and energy consumption in 2014; and

WHEREAS, the City values are accountability, integrity, and commitment to service; and

WHEREAS, the King County Countywide Planning Policies, which the City has ratified, include policies related to greenhouse gas emissions reduction targets and promoting energy efficiency measures; and

WHEREAS, the City's Comprehensive Plan includes policies for development of greenhouse gas emissions reduction and energy consumption reduction strategies; and

WHEREAS, the City intends to lead by example; and

WHEREAS, these strategies will allow the City to affect change in its operational approach concerning greenhouse gas emissions and energy consumption.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF REDMOND, WASHINGTON, HEREBY RESOLVES:

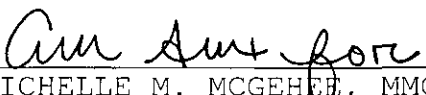
That the Climate Action Implementation Plan Government Operations Greenhouse Gas Emissions and Energy Consumption Reduction Strategies set forth in Exhibit 1, attached hereto and incorporated herein by this reference as if set forth in full, are hereby adopted by the City of Redmond.

ADOPTED by the Redmond City Council this 5th day of  
February, 2013.

CITY OF REDMOND

  
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JOHN MARCHIONE, MAYOR

ATTEST:

  
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MICHELLE M. MCGEHEE, MMC, CITY CLERK (SEAL)

FILED WITH THE CITY CLERK: May 1, 2013  
PASSED BY THE CITY COUNCIL: May 7, 2013  
EFFECTIVE DATE: May 7, 2013  
RESOLUTION NO. 1387AM

APPROVED 7-0: Allen, Carson, Flynn, Margeson, Myers, Stilin and Vache

## EXHIBIT 1

# Climate Action Implementation Plan Council Recommendations

## Priorities for Government Operations

### Greenhouse Gas Emissions and Energy Consumption Reduction Strategies (4/9/13)

The following strategies taken from the Climate Action Implementation Plan were prioritized by the Climate Action Implementation Committee, affirmed by the Climate Action Steering Committee, and discussed and agreed upon by the Redmond City Council. The Committee considered ease of implementation, potential to reduce greenhouse gas emissions, the cost of implementation, and potential savings when setting the priorities in each category. More complete information on each strategy can be found in the full Climate Action Implementation Plan.

The tables below are organized by strategy within the Mobility, Buildings & Energy, Waste & Recycling, Natural Resources, or Education and Encouragement sectors. The timeline for the proposed actions are in line with the budget cycle. "Cost" and "GHG Impact" are estimates based on current emissions, costs, and best practices research. The legend for the "Cost" column is to the right. The "Lead Department" column is a suggestion for which department should drive the implementation of the proposed actions.

Cost Legend	
-	Cost savings opportunity
--	Moderate cost savings opportunity
---	Large cost savings opportunity
+/-	Initial cost, with lifecycle savings.
+	Implementation cost to achieve desired GHG reduction
++	Moderate implementation cost to achieve desired GHG reduction
+++	Large implementation cost to achieve desired GHG reduction

## Recommended Priorities: Mobility

Strategy 1: Manage the City of Redmond Fleet for Fuel Efficiency to Lower GHG Emissions.						
	2013- 2014	2015- 2016	2017- 2018	Cost	GHG Impact	Lead Dept.
<b>Action:</b> Evaluate the size of the fleet to more closely match need.	<b>X</b>			--	Moderate	Public Works, Fire
<b>Action:</b> Research & evaluate alternative fuel vehicles and conversion for incorporation into fleet.	<b>X</b>			-	Moderate	Public Works, Fire
<b>Action:</b> At time of replacement, purchase	<b>X</b>	<b>X</b>	<b>X</b>	---	High	Public Works, Fire

more fuel efficient vehicles, such as hybrid, electric, alternative fuel, and smaller vehicles.						
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<b>Strategy 2:</b> Expand and Promote Innovative Travel Demand Management Programs						
	2013-2014	2015-2011	2017-2018	Cost	GHG Impact	Lead Dept.
<b>Action:</b> Expand participation by city staff in Commuter Assistance Office Programs	X			+	High <sup>i</sup>	Planning
<b>Action:</b> Research feasibility of telecommuting and other work accommodations to encourage trip reduction.	X			+	High	Human Resources, Executive

<b>Strategy 3:</b> Expand Anti-Idling Campaign						
	2013-2014	2015-2016	2017-2018	Cost	GHG Impact	Lead Dept.
<b>Action:</b> Expand and promote anti-idling campaign which includes both fleet and small equipment	X			--	Moderate	All Departments with Fleet

## Recommended Priorities: Buildings & Energy

<b>Strategy 1:</b> Renegotiate Puget Sound Energy Flat Rate Contract						
	2013-2014	2015-2016	2017-2018	Cost	GHG Impact	Lead Dept.
<b>Action:</b> Work with PSE to negotiate a utility rate for street lighting that more closely matches energy use.	X	X		---	Low	Public Works Finance

<b>Strategy 2:</b> Implement Energy Efficiency Programs for City Facilities						
	2013-	2015-	2017-	Cost	GHG	Lead

	2014	2016	2018		Impact	Dept.
<b>Action:</b> Conduct Energy Audits on City Facilities	X			+	High	Planning, Public Works
<b>Action:</b> Establish and Manage a Revolving Energy Fund	X	X	X	---	High	Planning, Finance
<b>Action:</b> Incorporate Energy Efficiency Upgrades		X	X	+/-	High	Planning, Public Works

**Strategy 3: Reduce the Impact of Street Lights and Athletic Field Lighting**

	2013-2014	2015-2016	2017-2018	Cost	GHG Impact	Lead Dept.
<b>Action:</b> Evaluate quantity and hours of operation of street lights and outdoor lighting to see where reductions can be made	X			+	Moderate	Public Works, Parks
<b>Action:</b> Expand the use of energy efficient light bulbs to street lights and signs within city boundaries and at city facilities	X	X	X	+/-	Moderate	Public Works, Parks

**Strategy 4: Implement Technology Solutions to Reduce Energy Demand**

	2013-2014	2015-2016	2017-2018	Cost	GHG Impact	Lead Dept.
<b>Action:</b> Implement Wake-on-LAN technology to be used by Information Services	X			+/-	High	Finance
<b>Action:</b> Put power strips at personal desktops and educate staff on powering down	X			-	Moderate	Finance
<b>Action:</b> Explore the use		X	X	+/-	Moderate	Finance

of virtual desktops						
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<b>Strategy 5: Expand Green Purchasing and Procurement Policies</b>						
	<b>2013-2014</b>	<b>2015-2016</b>	<b>2017-2018</b>	<b>Cost</b>	<b>GHG Impact</b>	<b>Lead Dept.</b>
<b>Action:</b> Purchase electricity from renewable, low carbon power sources.	X			++	High	Finance
<b>Action:</b> Update procurement policies to require energy efficient and "green" products (i.e. high recycled content, local products).	X			+	Moderate	Finance
<b>Action:</b> Add language to RFP's to require sustainable business practices by City Contractors.		X	X	+	Moderate	Finance

<b>Strategy 6: Require the Development &amp; Redevelopment of City Facilities to Incorporate Green Features</b>						
	<b>2013-2014</b>	<b>2015-2016</b>	<b>2017-2018</b>	<b>Cost</b>	<b>GHG Impact</b>	<b>Lead Dept.</b>
<b>Action:</b> Consider incorporating green roofs, reflective roofing, solar panels, etc.	X	X	X	++	Moderate	Public Works, Planning, Parks

<b>Strategy 7: Expand Training for Building Code Staff of Energy Efficiency Requirements</b>						
	<b>2013-2014</b>	<b>2015-2016</b>	<b>2017-2018</b>	<b>Cost</b>	<b>GHG Impact</b>	<b>Lead Dept.</b>
<b>Action:</b> Provide training for building division staff on energy efficiency measures and potential grant funding sources	X			-	High	Planning

## Recommended Priorities: Waste & Recycling

Strategy 1: Create a Construction and Demolition Waste Recycling Program						
	2013-2014	2015-2016	2017-2018	Cost	GHG Impact	Lead Dept.
<b>Action:</b> Establish permitting requirements for De-Construction		X		+	High	Planning, Public Works
<b>Action:</b> Create and support a Construction and Demolition Waste Recycling Program		X	X	+	High	Public Works, Planning

Strategy 2: Implement Innovative Technologies to Reduce Impacts from Trash Generation						
	2013-2014	2015-2016	2017-2018	Cost	GHG Impact	Lead Dept.
<b>Action:</b> Install Solar-Powered Trash Compactors in high traffic areas.		X		--	Moderate	Parks, Public Works
<b>Action:</b> Evaluate methods to reduce trash generation.	X	X	X	TBD	TBD	Public Works

## Recommended Priorities: Natural Resources

Strategy 1: Require Sustainable Landscaping at City Parks & Facilities						
	2013-2014	2015-2016	2017-2018	Cost	GHG Impact	Lead Dept.
<b>Action:</b> Promote sustainable landscaping design when proposing new or revising existing landscaping at city parks, facilities, and rights-of-way	X			+/-	Low	Parks, Public Works

## Recommended Priorities: Education & Encouragement

Strategy 1: Launch Staff Fleet Education Campaign						
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	2013-2014	2015-2016	2017-2018	Cost	GHG Impact	Lead Dept.
<b>Action:</b> Launch Anti-Idling Campaign	X			+/-	Moderate	Public Works, Fire, Police
<b>Action:</b> Educate departments on right sizing vehicle for the task.	X			+/-	Low	Public Works, Fire, Police

<b>Strategy 2: Implement Employee Energy and Resource Efficiency Education Campaign</b>						
	2013-2014	2015-2016	2017-2018	Cost	GHG Impact	Lead Dept.
<b>Action:</b> With staff input, develop educational materials and strategies to reduce energy use and act in more environmentally sustainable ways at the office.	X			+	High	Executive
<b>Action:</b> Launch and monitor employee energy efficiency campaign.	X			+/-	High	Executive

<b>Strategy 3: Provide Financial Savings from Efficiency Improvements Back to Department</b>						
	2013-2014	2015-2016	2017-2018	Cost	GHG Impact	Lead Dept.
<b>Action:</b> Create program to measure energy use and energy expense by department.		X		+	Moderate	Executive, Finance
<b>Action:</b> Work with staff on programs and strategies to save money and reduce energy use.	X			+	Moderate	Executive, Finance

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<sup>1</sup> Includes effectiveness of current program.