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RESOLUTION _____

A RESOLUTION adopting new climate protection and adaptation goals for Seattle and outlining the process for updating the Seattle Climate Action Plan to provide a roadmap for achieving those goals.

WHEREAS, the City of Seattle is a nationally and internationally recognized leader in climate protection and environmental sustainability work; and

WHEREAS, the City Council passed Resolution 30316 in 2001 supporting efforts to curb global warming, adopting greenhouse gas emission (GHG) reduction goals for the City of Seattle, and calling for continuing and new actions toward achieving those goals; and

WHEREAS, the City of Seattle created the U.S. Mayor's Climate Protection Agreement in 2005, an agreement that more than 1000 mayors from the 50 states, the District of Columbia and Puerto Rico, have signed; and

WHEREAS, climate protection activities contribute substantially to the achievement of many of the City's highest priority goals, including affordable housing, transportation choices, building energy efficiency, solid waste reduction, urban forest protection, sustainable economic development, and clean air; and

WHEREAS, there is growing consensus among the scientific community that the quickest path to stay below the United Nations Copenhagen Accord-identified 2 degrees centigrade maximum increase (equivalent to 80% below 1990 emissions levels by 2050) may be insufficient to address the risks of climate change because its assumption that global emissions will peak in 2011 almost certainly will not be realized and greater reductions are required in later years for each year that emissions continue to increase; and

WHEREAS, the City Council established a goal of achieving zero net greenhouse gas emissions ("carbon neutrality") as a priority in its 2010 work program and asked community members for recommendations on what the City should do to move towards that goal; and

WHEREAS, the Office of Sustainability and Environment commissioned the development of an emissions reduction scenario that represents one of many potential pathways to carbon neutrality; and

WHEREAS, the carbon neutral scenario commissioned by the Office of Sustainability and Environment identifies specific carbon reduction strategies including making buildings more energy efficient, reducing the GHG intensity of building energy, reducing vehicle miles traveled, reducing the energy intensity of transportation fuels, and reducing GHG

emissions from the City waste stream by increasing recycling rates and capturing methane; and

WHEREAS, the City's Climate Action Plan is scheduled to be updated beginning in fall of 2011;
NOW, THEREFORE,

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SEATTLE, THE
MAYOR CONCURRING, THAT:**

Section 1. City adopts the following climate protection and adaptation goals:

- (1) Seattle will strive to reach net zero greenhouse gas (GHG) emissions by 2050; and
- (2) Seattle will be prepared for the likely impacts of climate change.

Section 2. The Office of Sustainability and Environment will lead a process to update the Seattle Climate Action Plan with a focus on advancing the Section 1 goals through road transportation, building energy, waste emission, and climate adaptation actions. The updated Seattle Climate Action Plan will:

- (a) Develop emission sector targets for the road transportation, buildings and waste sectors that will guide the City's investments in climate action, working from the following preliminary targets:

Sector	2020 Targets (% reduction compared to 2008)	2030 Targets (% reduction compared to 2008)
Transportation		
Passenger	- 14% reduction in vehicle miles traveled (VMT) - 35% reduction in GHG emissions per mile of Seattle vehicles	- 20% reduction in VMT - 75% reduction in GHG emissions per mile of Seattle vehicles
Freight	- Maximum 7% increase in VMT - 25% reduction in GHG emissions per mile of Seattle vehicles	- Maximum 15% increase in VMT - 50% reduction in GHG emissions per mile of Seattle vehicles
Buildings		
Residential	- 8% reduction in energy use	- 20% reduction in energy use

Commercial	- 5% reduction in energy use	- 10% reduction in energy use
Both	- 15% reduction in tonnes of carbon dioxide equivalent (CO ₂ e) per billion BTU for residential and commercial buildings combined	- 25% reduction in tonnes of CO ₂ e per billion BTU for residential and commercial buildings combined
Waste	- Increase diversion rate to 69%	- Increase diversion rate to over 70%
	- 50% reduction in methane emissions commitment per ton of waste disposed	- 50% reduction in methane emissions commitment per ton of waste disposed
TOTAL GHG EMISSION REDUCTION	- 30% reduction in emissions by 2020	- 58% reduction in emissions by 2030
	- 87% reduction in emissions by 2050	- 87% reduction in emissions by 2050

- (b) Evaluate potential changes in City regulation and policies; incentives for private action; intergovernmental coordination at the regional, state and federal level; public education; City of Seattle operations; and other measures that could contribute to meeting the Section 1 goals, and recommend climate protection and adaptation strategies and actions based on that evaluation;
- (c) Address how offsets and other beneficial City actions can be used to reach City climate goals, drawing from beneficial actions such as urban and watershed forest management, recycling, and energy conservation and renewable energy resource development (conducted as part of City Light's core business of providing electricity to rate payers) that could help position City Light as a climate restoration utility;
- (d) Identify how climate protection and adaptation actions bolster and are assisted by City economic development objectives such as creating jobs and high-road careers related to energy-efficient buildings, smart grid development, district energy development, and alternative transportation;

1 (e) Develop strategies (including consumption-based GHG reduction strategies) for
2 businesses, households, and individuals to contribute to climate protection through
3 their purchases, participation in the Local Food Action Initiative, and other means,
4 recognizing that action by City government alone cannot achieve net zero GHG
5 emissions;

6 (f) Develop a Seattle Climate Action Plan implementation strategy including priorities,
7 implementation responsibilities and schedules, and funding options including City
8 sources, other locally generated resources, and public/private partnerships;

9 (g) Be informed by broad community input, including the carbon neutral white papers
10 completed by community workgroups in the fall of 2010; and

11 (h) Be completed no later than September 2012.

12 **Section 3.** The Office of Sustainability and Environment will develop a community
13 process to engage a wide range of stakeholders, including but not limited to historically under-
14 served communities, businesses, environmental organizations, and urban planning organizations,
15 in the update of the Climate Action Plan. The community process should include targeted
16 outreach to solicit citizen ideas for achieving carbon neutrality. The community process should
17 inform the Climate Action Plan's emission sector reduction targets, suite of climate action
18 activities, and implementation priorities.

19 **Section 4.** The City intends to continue to be a leader in developing ways to protect our
20 climate, but recognizes that actions in and by Seattle are not enough to achieve the goals of
21 climate protection. The City therefore commits itself to developing partnerships with state and
22 regional leaders and governments in order to foster coordinated action, and to continue to
23 support national and international actions to achieve climate stability.

24 Adopted by the City Council the ____ day of _____, 2011, and
25 signed by me in open session in authentication of its adoption this _____ day
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1 of _____, 2011.

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President _____ of the City Council

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5 THE MAYOR CONCURRING:

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Michael McGinn, Mayor

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10 Filed by me this ____ day of _____, 2011.

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Monica Martinez Simmons, City Clerk

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FISCAL NOTE FOR NON-CAPITAL PROJECTS

Department:	Contact Person/Phone:	CBO Analyst/Phone:
Legislative	Meg Moorehead 4-8929	

Legislation Title:

A RESOLUTION adopting new climate protection and adaptation goals for Seattle and outlining the process for updating the Seattle Climate Action Plan to provide a roadmap for achieving those goals.

Summary of the Legislation:

This legislation sets new long-term climate protection and adaptation goals for Seattle. It also provides guidance for a 2011-2012 update of the Seattle Climate Action Plan, including preliminary 2020 and 2030 emission reduction targets for transportation, buildings and solid waste.

Background: (Include a brief description of the purpose and context of legislation and include record of previous legislation and funding history, if applicable.)

The City of Seattle has long been a leader in climate protection work. Its commitment to climate protection has been expressed through the 2001 adoption of initial climate protection goals in Resolution 30316, initiation of the U.S. Mayor's Climate Protection Agreement in 2005, development of a Seattle Climate Action Plan in 2006, and the setting of a zero net greenhouse gas emission ("carbon neutrality") goal in the Council's 2010 and 2011 work programs. This resolution builds on that previous work to set a long-term goal for 2050. The legislation also provides guidance for the content, citizen involvement process, and potential intermediate targets for a Climate Action Plan update that helps the City achieve its goals.

Please check one of the following:

This legislation does not have any financial implications.

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This legislation does not change City spending or revenues. The City climate protection and adaptation actions to implement the current Climate Action Plan are funded in the approved and endorsed budgets, which also include funding for the Climate Action Plan update. The updated plan will identify additional actions needed to reach the more ambitious new goals. Funding for those actions will be incorporated into future budget proposals.

