

City of Minneapolis
Request for Committee Action

To: Health, Environment & Community Engagement
Date: 4/18/2016
From: City Coordinators Office
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File type: Receive and File

Subject:

Results of modelling Minneapolis Greenhouse Gas Emissions Reduction Goal of 80% by 2050

Description:

Receiving and filing presentation regarding results of City Performance Tool modeling of City adopted greenhouse gas emissions reduction goal of 80% by 2050

Previous Actions:

June of 2013: The City Council adopted the Minneapolis Climate Action Plan.

April 2014: Revised greenhouse gas reduction targets of 15% by 2015, 30% by 2025, to include 80% by 2050.

October 2014: The City formed the Clean Energy Partnership with Xcel Energy and CenterPoint Energy.

Ward/Address:

All wards

Background/Analysis:

The City of Minneapolis passed an 80% by 2050 Greenhouse Gas Emissions Reduction Goal in early 2014. The State and Hennepin County also have adopted similar goals. As a result, over the past year, we have been using Siemens' free open sourced City Performance Tool (CyPT) to study a series of more than 70 technologies from building, transport and energy technologies at different time periods and implementation rates.

At a very high level, it models what it would take to reach our greenhouse gas emissions reduction goals from buildings and transport, as well as air pollutants such as particulate matter (PM) and nitrogen oxides (NOx). It also looks at the creation of new local jobs to install, operate and maintain city solutions. This is meant to be starting point to more fully understand the changes that could take place to achieve the City's reduction targets.

Financial Review:

No additional appropriation required, amount included in current budget.

Attachments:

1. PowerPoint presentation