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Using the City Performance Tool (CyPT) to Test City Sustainability Targets

# Minneapolis: 80 by 50?

## **Executive Summary**

**It is possible for Minneapolis to achieve its 80 by 50 target, if the City, its utilities, and its inhabitants work aggressively to clean the local energy supply, adopt electric transport and public transit, and improve energy efficiency in buildings.**

## Executive Summary

- Xcel's new plan for 65% clean energy sources is a significant step in the direction of achieving ambitious sustainability goals for the City.
- But even with this step, Xcel will have to continue greening its electricity mix through to 2050, *and* 40 buildings and transportation technologies will have to be implemented and adopted at their highest implementation rates by 2050 to ensure that targets are met.
- Our results show that, if the electricity mix gets significantly cleaner, the top-performing technologies for reducing carbon emissions include 1) electrifying both passenger and freight road transport and 2) improving energy efficiency in buildings, particularly in commercial and government buildings.
- Additional benefits could be realized from public transit, if more people could be attracted to use it.