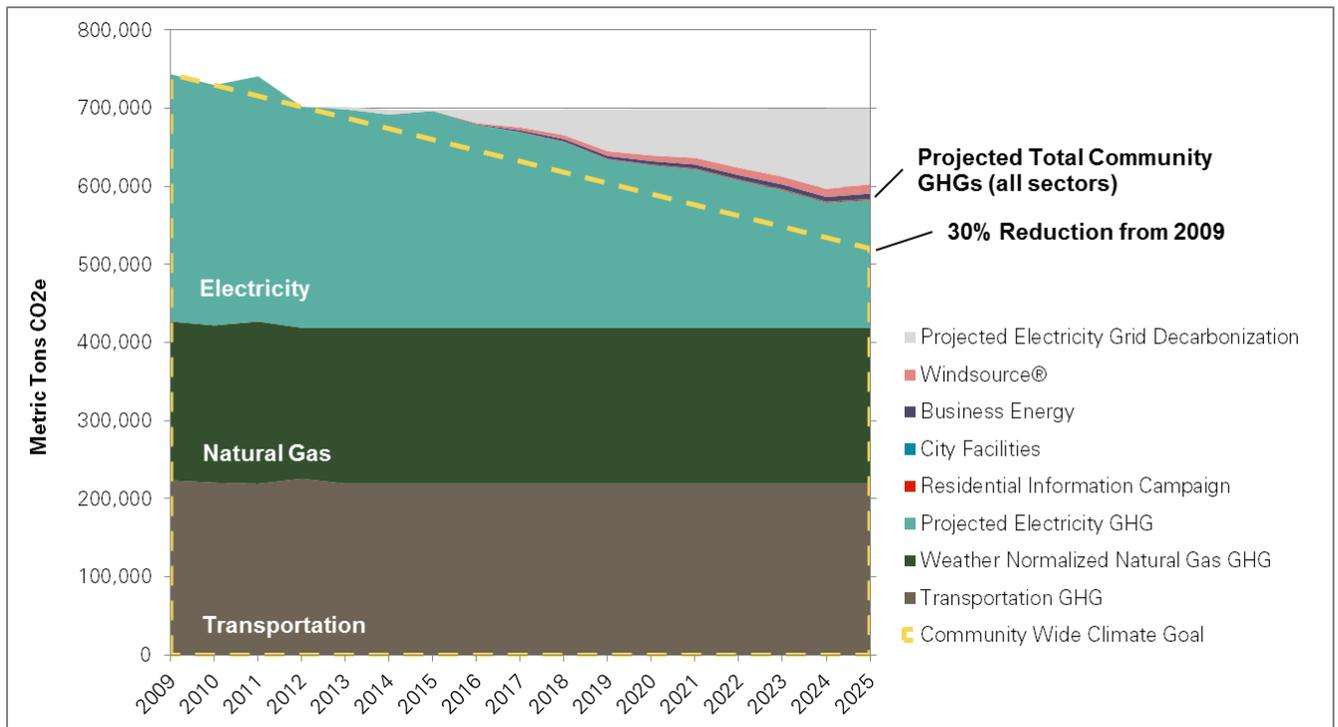




Edina Community-Wide GHG Projections

Below is an illustration of how the Partners in Energy goals and the projected carbon-intensity of the regional electricity grid will help achieve Edina’s community wide greenhouse gas targets.

Carbon intensity trends are based on the most recent projections of the changing carbon intensity of Xcel Energy’s upper Midwest electricity grid.¹ Partners in Energy strategies are focused on goals for the next 18-months, and this illustration projects continued activity to 2025, assuming a continuation of activity (see assumptions).



Additional Assumptions:

- Electricity use from 2009-2011 taken from the Regional Indicators Initiative; natural gas and transportation GHGs from 2009 – 2013 from the Regional Indicators Initiative (<http://www.regionalindicatorsmn.com/>).
- Natural gas and transportation projected flat from 2013 levels (for illustrative purposes).

¹ These projections are taken from Xcel Energy’s Integrated Resource Plan dated October 2, 2015.



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- Electricity use from 2012-2014 are calculated using Xcel Energy community wide electricity data from Partners in Energy.
- The business as usual (BAU) assumptions for electricity assume that annual baseline growth occurs at 1.5% annually in the residential and commercial sectors, and that in addition, baseline energy savings from ongoing conservation programs will occur, matching the average rate from 2012-2014. These two assumptions result in a net zero change to baseline additions (e.g. baseline efficiency cancels out continued growth, based on recent years).
- The goals established for the next 18 months of Partners in Energy are assumed to continue past 2017 at 66% of the level of activity.