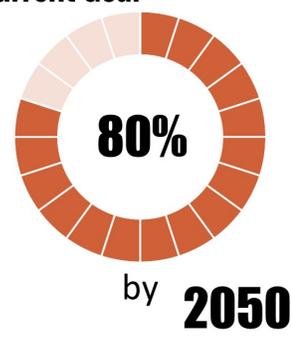




PLANNING FOR CLIMATE ACTION

How Can Jersey City Achieve Its GHG Emissions Reduction Goals?

Jersey City's Current Goal



The City of Jersey City has already committed to an **80% reduction in greenhouse gas (GHG) emissions by 2050**. City Council passed Resolution 15-485 in 2015 in response to extreme weather events like Superstorm Sandy. To meet this goal, Jersey City will need to take bold actions like switching to zero-carbon power sources and electrifying buildings' heating systems.

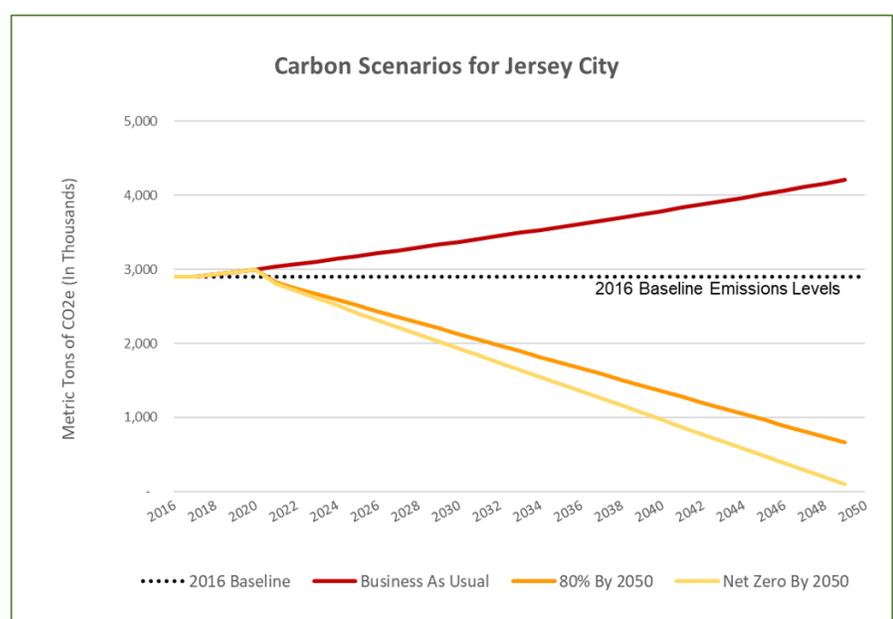
As difficult as it will be to achieve an 80% reduction in our GHG emissions by 2050, the latest report released by the International Panel on Climate Change (IPCC) recommends achieving **Net Zero** emissions* by 2050 in order to stay within a 1.5°C (2.7°F) global warming scenario by the end of the century. Is a more aggressive goal achievable for Jersey City?

* Net Zero refers to achieving a balance between emissions produced and emissions taken out of the atmosphere.

PROJECTED EMISSIONS

Jersey City's population is expected to increase at least 40% by 2050 -- growth that will lead to drastic increases in GHG emissions if no climate actions are taken.

The graph to the right shows Jersey City's existing emissions and possible future emissions scenarios. The red line indicates what emissions would look like if no actions were taken, also known as "business as usual." The orange line shows a scenario for meeting 80% GHG emissions by 2050. The yellow line shows a more aggressive reduction scenario that would get the City to net zero emissions by 2050.



NEXT STEPS

In order to achieve our goals, the City needs to create a plan that outlines strategies and programs for significant GHG reductions. This is known as a **Climate Action Plan**. Jersey City's Climate Action Plan will guide City policies such as energy efficiency requirements for new construction, municipal energy purchasing, transit investments, and waste management.

Follow us this fall and winter as we meet with residents to discuss our GHG inventory and what actions are preferred to achieve our reduction targets.

Visit Jersey City's Office of Sustainability at jcmakeitgreen.org



Grant funding for this project provided by Sustainable Jersey Grants program Funded by Gardinier Environmental Fund