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City and County of San Francisco
Department of Environment

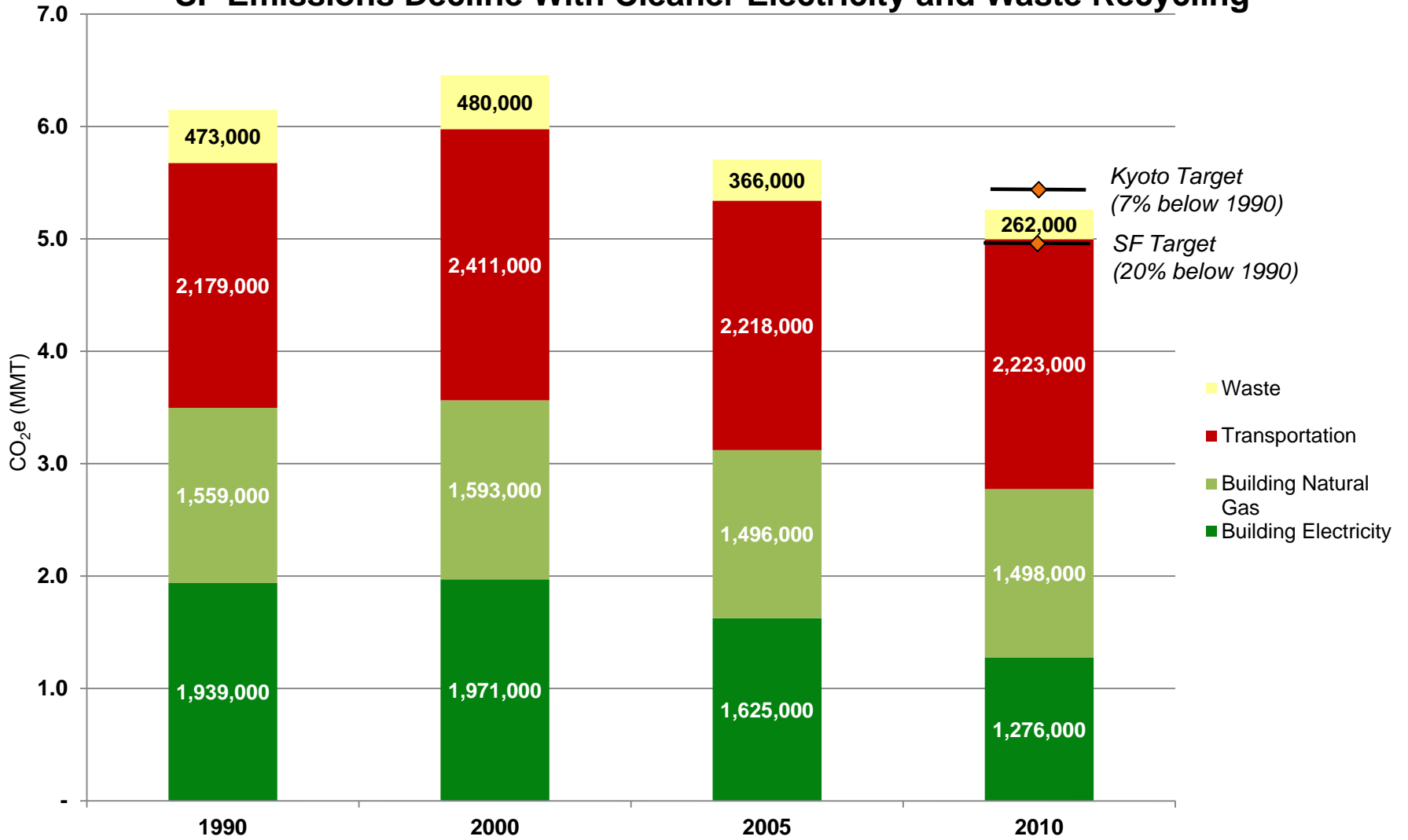
SF Projected vs Actual GHG Reductions

2004 CAP projected: 2,614,000 tons

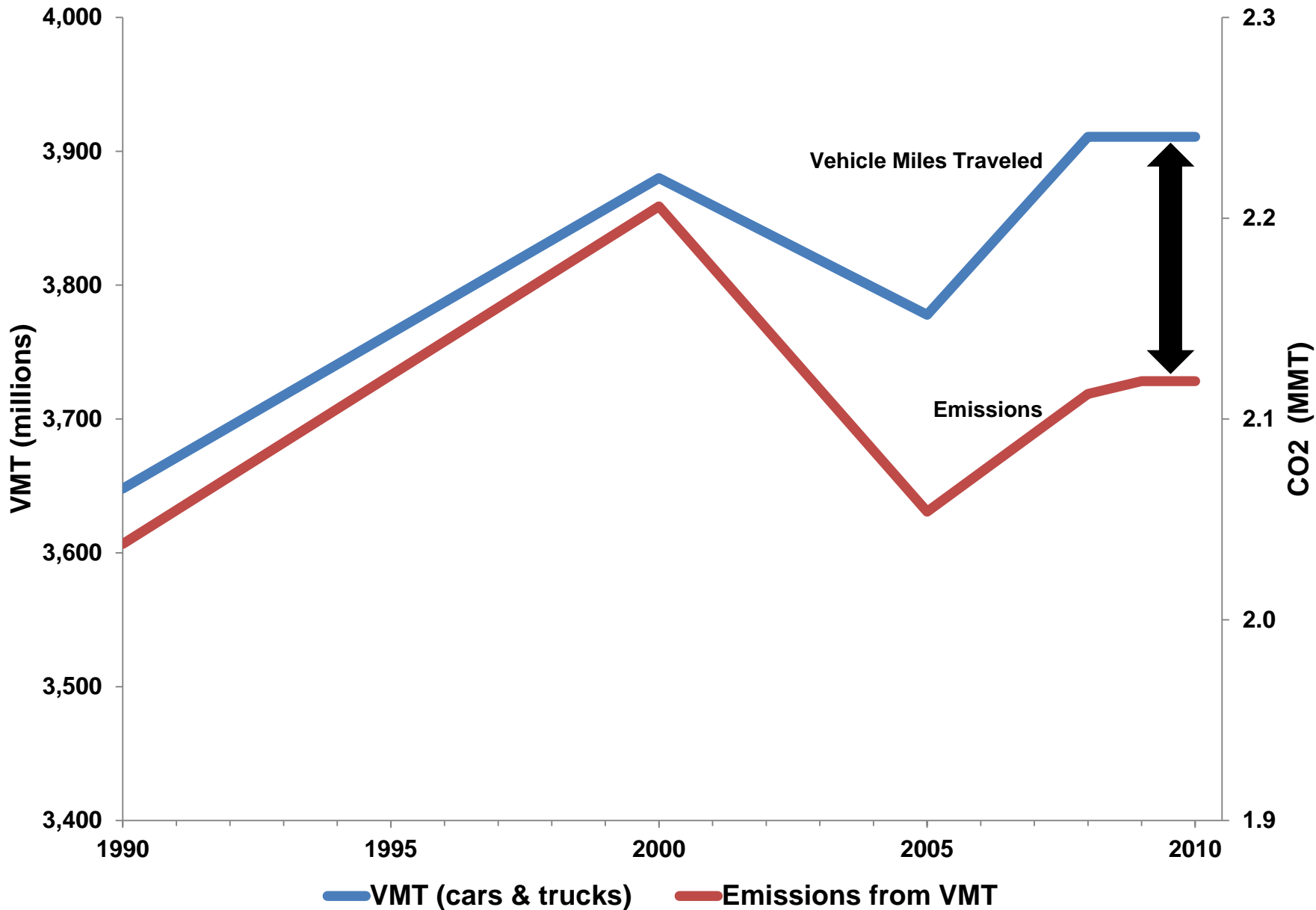
– modified with new methodology: 1,935,118
MTCO₂e

Actual measured reduction 1990- 2010:
893,022 MTCO₂e

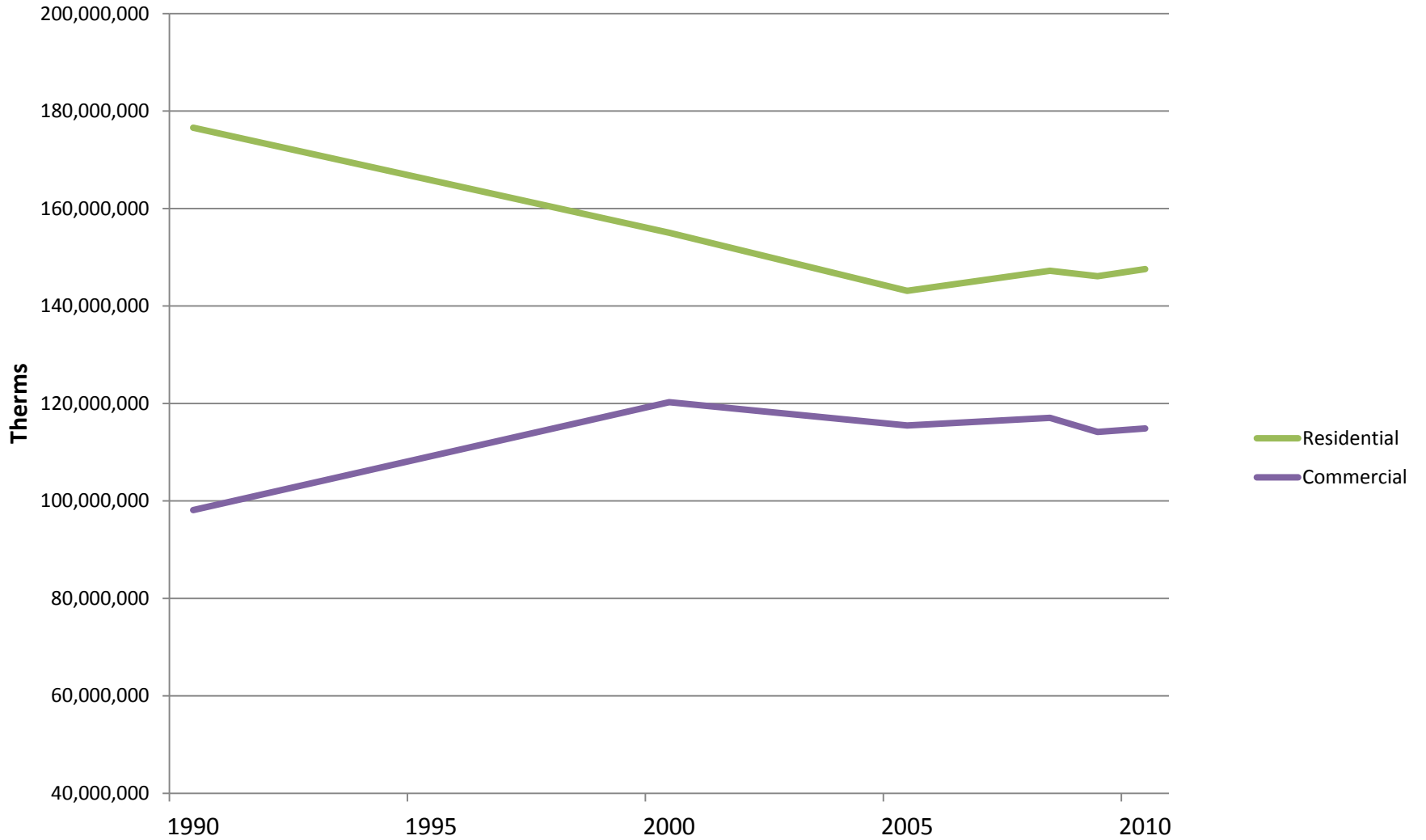
SF Emissions Decline With Cleaner Electricity and Waste Recycling



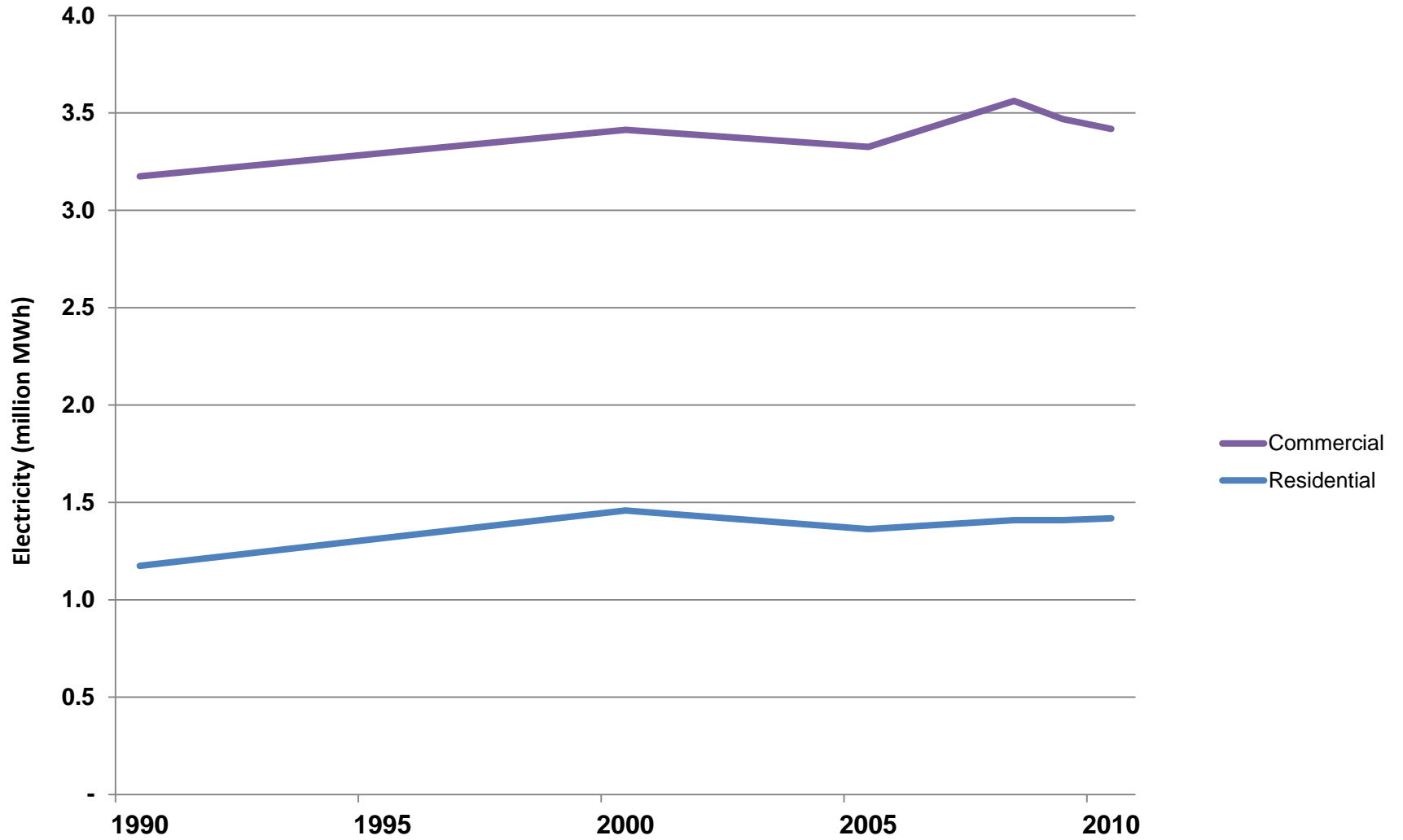
SF VMT and GHG Emissions



Natural Gas Use in San Francisco, 1990 - 2010

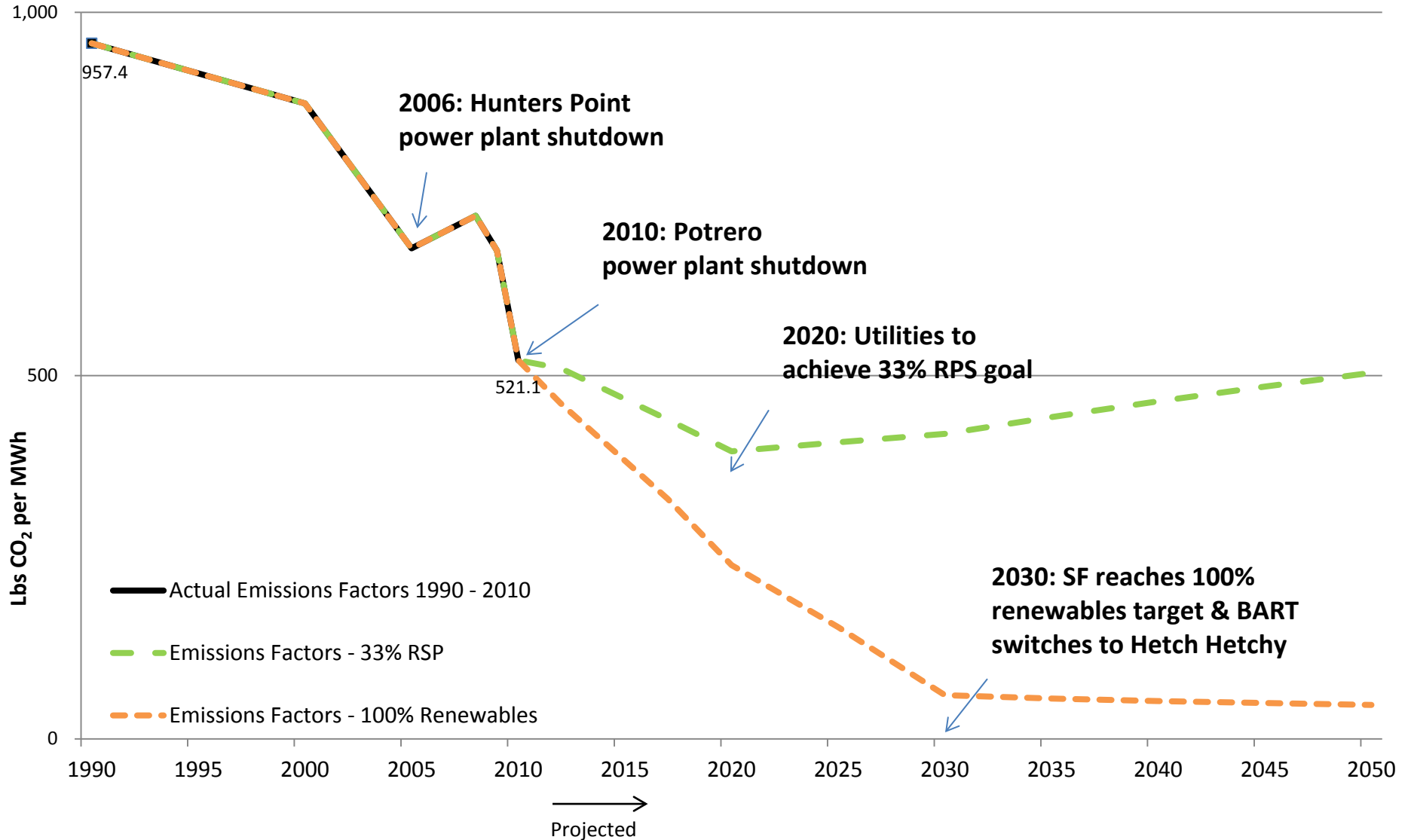


Electricity Use in San Francisco, 1990 - 2010



19.6% reduction in carbon intensity of SF's electricity supply

Carbon Intensity of San Francisco's Electricity Supply 1990 - 2050



US EMISSIONS PROFILE

The 2013 Factbook [Bloomberg New Energy Finance and commissioned by the Business Council on Sustainable Energy](#)

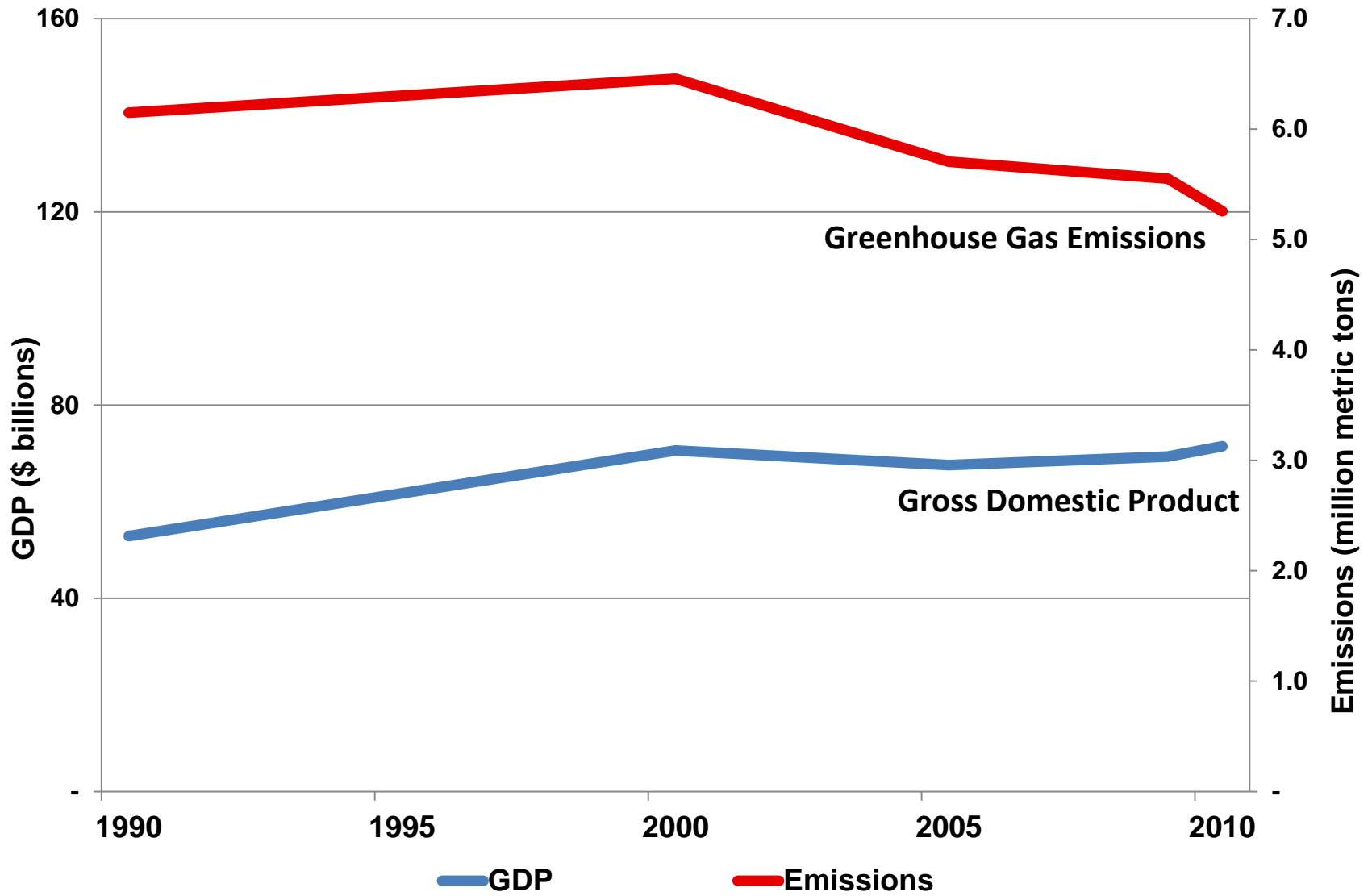
Renewable energy installations hit an all-time record with at least 17 GW of new nameplate capacity added in 2012.

In April 2012, electricity generation from natural gas equaled that from coal for the first time in US history.

Policies and approaches for financing energy efficiency continued to make market headway; energy intensity for US commercial buildings has now dropped by more than 40% since 1980 and investments in smart grid topped \$4 billion.

Carbon dioxide (CO₂) emissions from the energy sector were on pace to sink to their lowest level since 1994, **13% reduction over the past 5yrs.**

San Francisco Economy Grows as Emissions Decline



Estimated San Francisco County Gross Domestic Product (GDP) from Moody's in 2005 dollars.