Supporting Information

Response of Power Plant Emissions to Ambient Temperature in the Eastern United States

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Supporting Information includes 2 pages with 2 figures and 2 captions, Figure S1 and Figure S2.

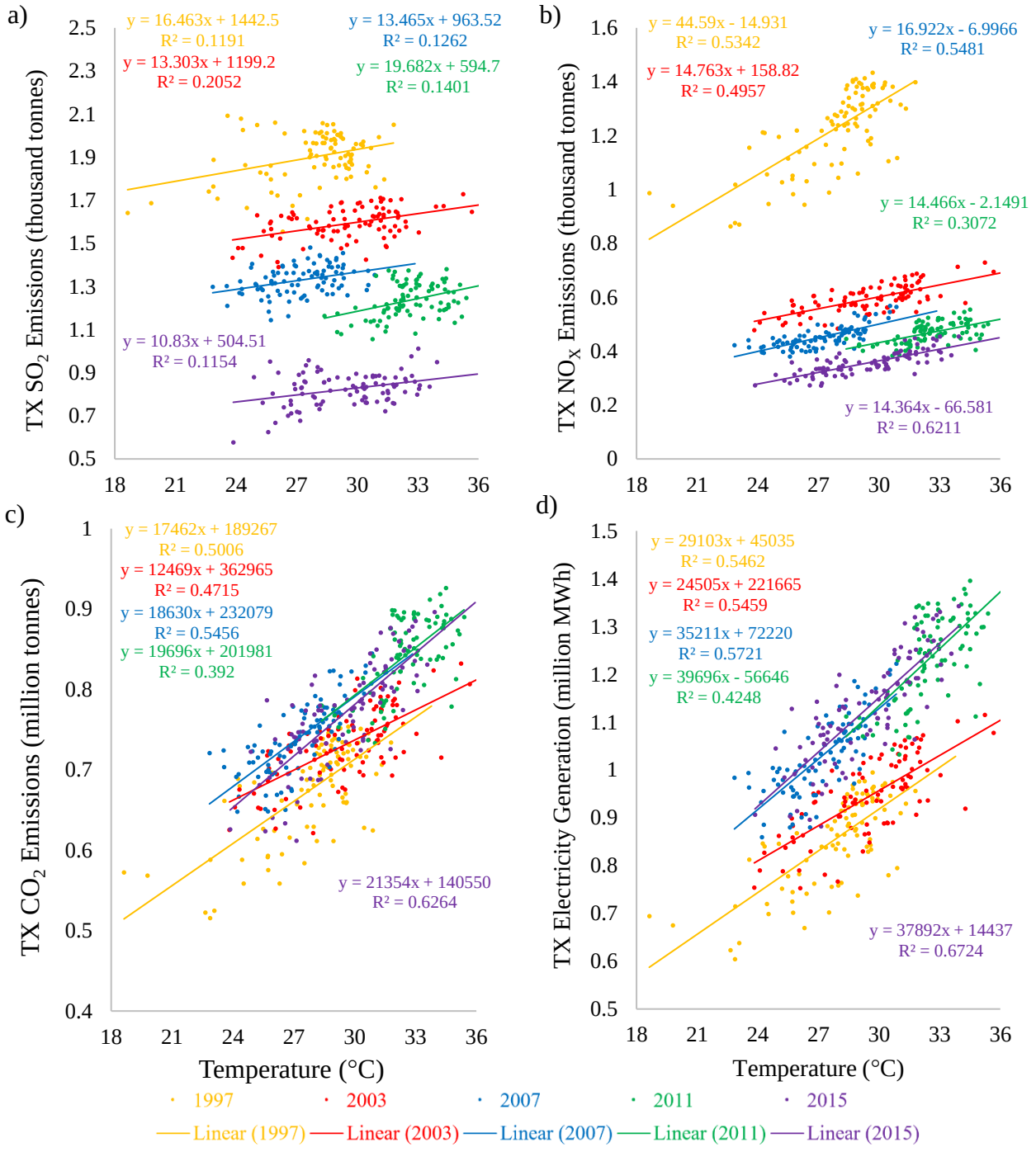
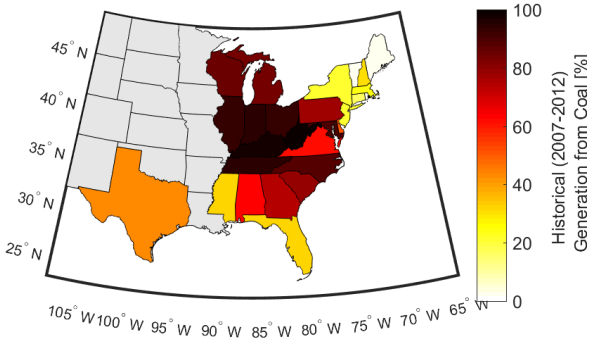


Figure S1: Emissions and Temperature Correlations. The total daily summer emissions of a) SO_2, b) NO_X, c) CO_2, and d) Generation (from CAMD) for Texas are plotted against average ambient temperature for that day. Historical emissions are plotted from 1997 to 2015. A linear model is overlaid for each scenario and species.

a)



b)

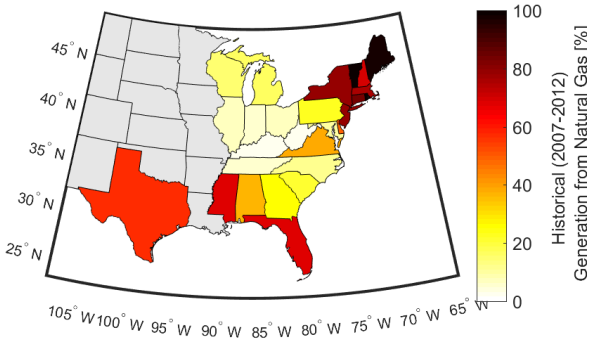


Figure S2: The percent of coal and gas generation produced from a) coal and b) natural gas from 2007 to 2012 by state. This is not relative to total generation from all sources, but only generation from coal and natural gas.