

RESOLUTION REQUESTING ORANGE COUNTY COMMISSIONERS INCLUDE COSTS OF ENERGY EFFICIENCY UPGRADES IN THE PROPOSED SCHOOL FACILITIES UPGRADES BOND REFERENDUM AND THAT THE CHCCS BOARD OF EDUCATION JOIN CARRBORO IN FORMALLY MAKING THIS REQUEST

WHEREAS the CHCCS Board of education is proposing a bond referendum for the Orange County Board of Commissioners to pursue for upgrading the ten oldest facilities in the district at a cost of 160.84 million

WHEREAS these proposed upgrades do not include energy efficiency upgrades

WHEREAS energy is the second-second highest operating expenditure for k-12 schools after personnel costs – more money than is spent on textbooks and computers combined.ⁱ

WHEREAS the EPA estimates that schools can achieve 25% – 30% cost savings in energy efficiency improvements in schools (U.S. EPA, 2004b; U.S. DOE, 2006).

WHEREAS case studies show school facilities energy efficiency upgrades can have simple pay-back periods ranging from 6.5 to 15 years and more significantly high Net Present Value profits

WHEREAS Schools represent 6% of Carrboro's Greenhouse gas emissions

WHEREAS The Town of Carrboro seeks, and will facilitate the community at large, to cut CO2 emissions by its proportion of the amount which is required to stabilize the climate back to less than 350 ppm of CO2 in the atmosphere in time for a 90% probability for success as defined by the most up to date scientific consensus.

WHEREAS the science describes for equitable reduction of ghg gases by climate debtor a reduction of 40% below 1990 levels by 2020.

WHEREAS successive generations of young people will inherit a planet increasingly less supportive of life, contingent on this generation's degree of (in)action within the next 10 years.

WHEREAS Schools are the place in our community most dedicated to our youth.

WHEREAS at the October 28, 2014 Joint Carrboro Board of Alderman and CHCCS Board of education meeting there was general support for petitioning the county to include energy efficiency upgrade costs in the proposed school facilities bond referendum.

THEREFORE BE IT RESOLVED that the Carrboro Board of Alderman requests the Orange County Board of Commissioners include energy efficiency costs in the proposed school facilities upgrade referendum.

BE IT FURTHER RESOLVED that the Carrboro Board of Alderman requests that the CHCCS Board of Education formally join Carrboro in petitioning the Orange County Board of Commissioners to include energy efficiency costs in the proposed school facilities upgrade referendum.

BE IT FURTHER RESOLVED that the school district or county should identify the energy efficiency measures to achieve in these upgrades by both 1) Net Present

Value cost savings and 2) drastically reducing greenhouse gas emissions to the degree that the science is calling for.

^{i i} Borgeson, Merrian, and Mark Goggio Zimring, 2013 “Financing Energy Upgrades for K-12 School Districts: A Guide to Tapping into Funding for Energy Efficiency and Renewable Energy Improvements” <http://tinyurl.com/mcabxgi>