

Abstract

The goal of this research is to determine procedures for creating ultra-high capacity supercapacitors by using nanofabrication technique. With man-made climate change becoming more and more of a hot-button political issue, more research and public funding have been devoted to the human issues this problem causes. A recent report states that pollution in China is causing 1.6 million deaths a year. This is a huge loss not just on a personal level, but an economic level as well. As more research pours into developing green energy generation, there still needs to be a way to efficiently store that energy. Supercapacitors can quickly store and transport that electrical energy when it is required by the power grid to continue to heat and cool our homes.