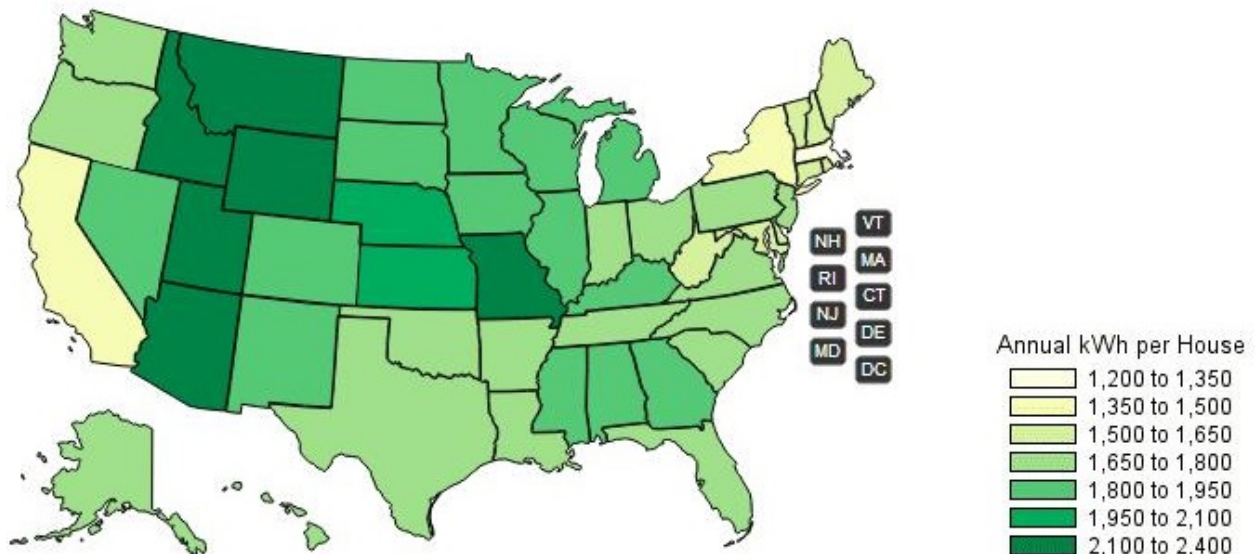


## NEWPORT'S PROPOSAL ON SOLID-STATE LIGHTING TECHNOLOGIES ACCEPTED BY NYSERDA

February 28<sup>th</sup>, 2014 - Newport Ventures has been notified by NYSERDA that our proposal to demonstrate the effectiveness of solid-state lighting technologies has been accepted. Solid-state lighting, which includes both LED and OLED lighting, has the potential to have a significant impact on reducing energy consumption and environmental impact. The U.S. Department of Energy estimates that a switch to LED lighting technology over the next two decades could potentially save \$250 billion in energy costs, reduce electricity consumption for lighting by nearly one-half, and reduce carbon emissions by 1,800 million metric tons.



**New York** close

Avg Daily HOU Per Lamp: 1.6

Avg Lamp Power: 40.5

Avg Number of Lamps per Household: 54

Avg Daily Lighting Energy Usage per Household (Wh): 3,784

Avg Annual Lighting Energy Usage per Household (kWh): 1,381

The primary objective of this project is to highlight the positive impact LED lighting technologies can have on reducing electricity in the residential sector, as well as the ability of LEDs to meet and exceed



consumer expectations. We intend to exhibit the benefits of replacing less efficient lamps with LEDs in terms of ease of replacement, as well the energy and cost savings associated with the technology. Further, we will highlight the capabilities and benefits of using LED lighting technology in planned, integrated whole house lighting designs, to achieve effective, highly-efficient lighting.

Newport has put together a highly qualified team and partnered with major US lighting manufacturer Philips, Inc. and multiple New York State builders for this project. Homes will be designed and outfitted with 100% LED lighting and monitored for a period of 6-8 months to collect data. By analyzing this data and comparing it to traditional residential lighting systems, we intend to portray to benefits of LED lighting technology in a variety of measures including: energy cost and consumption, quality and performance, and applicability.

