Living Future Energy Building Blocks for Single Family Homes

A Philosophy of Design: Nature’s Bounty

Single Family homes consume more than 17% of all energy in the United States. This fact presents tremendous potential for homes to save a massive amount of energy. Living Future (LF) homes are not only possible, but are healthier, and more affordable to operate than traditionally designed and constructed homes. A LF home generates as much energy on-site as it consumes on an annual basis. This infographic illustrates many of the potential measures and strategies that can be employed to design and operate a LF home.

A key element of any good LF building is that it takes advantage of what is provided by nature before creating mechanical systems. Daylight, ventilation, and comfortable temperatures are often available in natural form during much of the year in Sacramento. A building which uses these natural assets not only uses less energy, but also feels better. As humans we feel most comfortable in nature, and often these naturally derived benefits, even subtly, feel better to the building occupants.