

FACT SHEET

“Great ideas to inspire a conversation about the design of school buildings in order to reduce the use of energy and water while improving the learning environment.”

7X7X7: DESIGN ENERGY WATER is a new initiative from the California Division of the State Architect (DSA) designed to engage seven architectural firms to develop seven conceptual case studies in school design that will reduce energy and water consumption and result in a better learning environment, on seven campuses.

Incorporating sustainability into the design and construction of new school buildings and campuses in California has become the norm. But for every new sustainable school building constructed, there are thousands of existing buildings with plenty of life left in them that have the potential to be far more energy and water efficient.

The goal of 7x7x7: Design Energy Water is to inspire a conversation and to reimagine how our existing schools can be renovated to enhance the learning environment and to reduce long-term operational costs.

Seven architectural firms, under the editorial leadership of Tim Culvahouse, FAIA, will develop case studies for enhancing the learning environment while reducing energy and water consumption of a California K-12 school or community college. The architectural firms include Aedis Architects, of San Jose; DLR Group, of Riverside; Ehrlich Architects, of Culver City; Hamilton + Aitken Architects, of San Francisco; HGA, of Santa Monica; Lionakis, of Sacramento, and WRNS Studio, of San Francisco.

Seven schools that are representative of typical building types from various eras of school construction in California were selected for the case studies. Each architectural firm has been assigned one of the schools and will focus on a maximum of two buildings on the campus: one classroom building and/or one large, open-space building.

A preview of the conceptual case studies will be presented at four regional events at schools of architecture in San Diego, Los Angeles, San Luis Obispo, and Berkeley. These regional events are tentatively scheduled for the end of January 2016.

A final report, to include an executive summary and the completed case studies, will be presented at a final “call to action” event in Sacramento at the end of February 2016.

DSA’s partners in this initiative are the American Institute of Architects, California Council (AIACC), and the California Energy Commission (CEC). Construction cost estimates will be provided by Neff Construction and XL Construction Corporation.

More Information: www.7x7x7DesignEnergyWater.com

Social Media: #DSA7x7x7; #DesignEnergyWater; @CalifDSA

ABOUT DSA

The Division of the State Architect (DSA) provides design and construction oversight for K-12 schools, community colleges, and various other state-owned and leased facilities.

DSA also develops accessibility, structural safety, and historical building codes and standards utilized in various public and private buildings throughout the State of California. DSA website: www.dgs.ca.gov/dsa