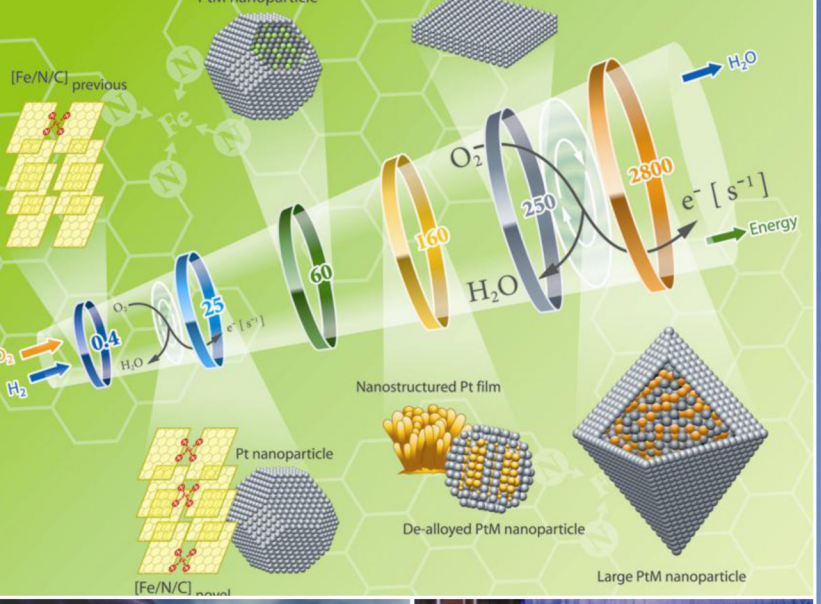

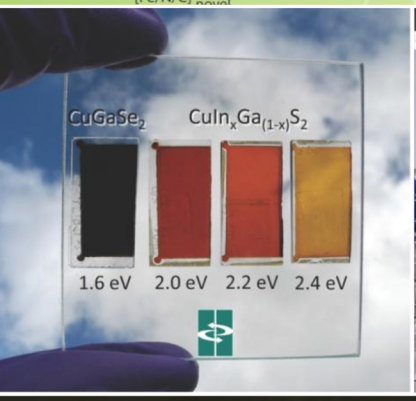

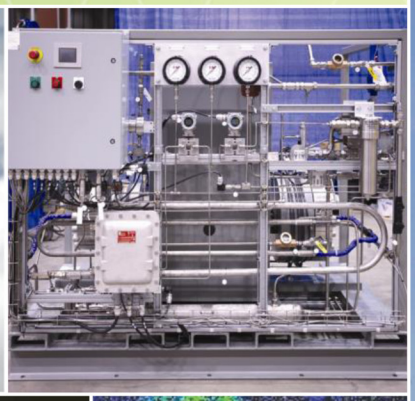

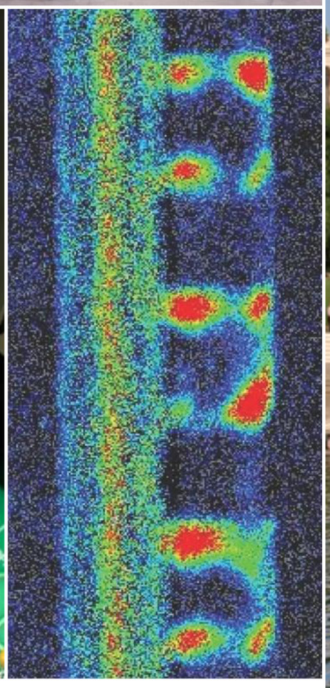

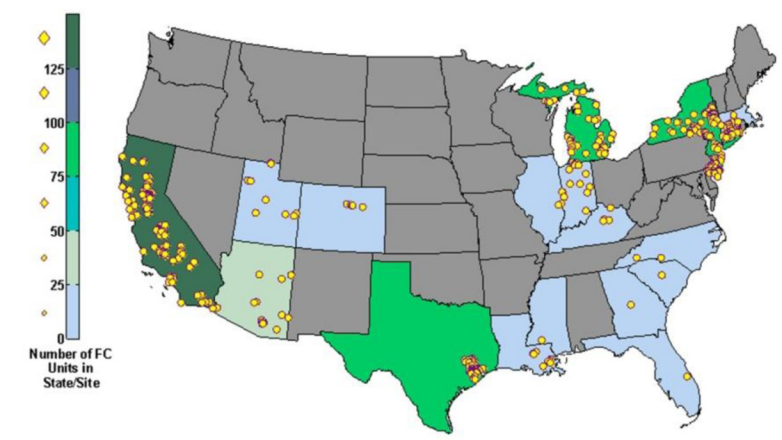

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Hydrogen and Fuel Cells Program

2013 Annual Merit Review and Peer Evaluation Report

May 13–17, 2013
Arlington, Virginia

DOE/GO-102013-4177 October 2013

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Photo collage (from top to bottom, left to right):

Development of nanosegregated cathode catalysts with ultra-low platinum loading at Argonne National Laboratory (ANL). Image courtesy of ANL. (NREL 27573)

Bandgap tuning in copper chalcopyrite thin films for photoelectrochemical hydrogen production. Photo courtesy of the Hawai'i Natural Energy Institute. (NREL 27570)

A diaphragm compressor by PDC Machines. Photo courtesy of PDC Machines. (NREL 27575)

A Los Alamos National Laboratory (LANL)/Lawrence Livermore National Laboratory (LLNL)-developed hydrogen safety sensor operating in a convenient, easy-to-handle package. Photo courtesy of LLNL, LANL, and the National Renewable Energy Laboratory (NREL). (NREL 27571)

Neutron imaging at the National Institute of Standards and Technology (NIST) provided this high-resolution (~10 micron) image of membrane electrode assembly (MEA) water content to study fuel cell flooding and water-related degradation in catalyst layers. Photo courtesy of NIST. (NREL 27572)

Fuel cell backup power units deployed (Q1, 2009–Q4, 2012). Image courtesy of NREL.

Photo on right:

U.S. Capitol Building. Photo courtesy of www.istockphoto.com.

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