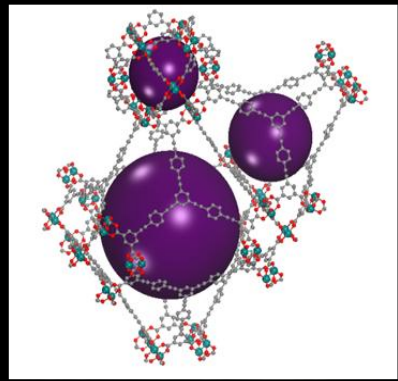
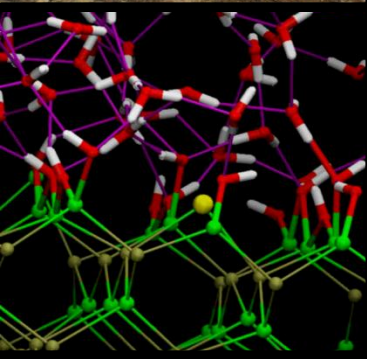




U.S. DEPARTMENT OF
ENERGY



*May 9–13, 2011
Arlington, Virginia*



Hydrogen and Fuel Cells Program

2011 Annual Merit Review and Peer Evaluation Report

DOE/GO-102011-3384
September 2011

About the Cover

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NREL hydrogen-powered internal combustion engine (H2ICE) bus. Photo courtesy of National Renewable Energy Laboratory (NREL PIX 17644).

Telecommunications backup at ReliOn deployment site. Photo courtesy of ReliOn (NREL PIX 17877).

Hydrogen storage tank. Photo courtesy of Quantum Technologies.

Theoretical models of surface metal dissolution corrosion in photoelectrochemical hydrogen production. Image courtesy of Lawrence Livermore National Laboratory.

The image is of NU-100, a new high-surface area (>6000 m²/gram) metallorganic framework material that has a measured hydrogen adsorption capacity of greater than 8 wt.% at 77 Kelvin and 70 bar pressure. Image courtesy of Northwestern University.

Advanced and alternative fuel vehicles and infrastructure at Sunline Transit Agency. Photo courtesy of National Renewable Energy Laboratory (NREL PIX 12733).

Fuel cell mobile lighting at space shuttle launch. Photo courtesy of NASA (NREL PIX 19696).

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U.S. Department of Energy Hydrogen and Fuel Cells Program

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