

Hydrogen Fuels/H2 Coordinating Committee

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Brief Synopsis of Presentation:

Neil Rossmeissl (DOE): DOE Hydrogen Codes Coordinating Committee

There are numerous activities ongoing related to codes and standards for fuel cells. To help coordinate activities related to hydrogen fuels, DOE formed the Hydrogen Codes Coordinating Committee. The mission of the committee is a consistent set of codes and standards for production, delivery, and use of hydrogen in all stationary (i.e., buildings), transportation, and portable applications. The intent is to ensure development of codes and standards in advance of and in parallel to the relevant technologies. The committee has assembled a version of a matrix that describes the various activities being undertaken by different organizations.

Many accomplishments have been made recently. The first U.S. hydrogen fueling station has been established in Las Vegas, NV. Certification of various storage tanks has been achieved. Various hydrogen Power Park concepts and co-production systems have been pioneered.

A major political battle is currently brewing between the natural gas and hydrogen interests, because the natural gas industry is concerned they will be put out of business – if the coordinating committee is unsuccessful hydrogen could be put 2-3 years behind in development/deployment.