

Session Title: Hydrogen Production Technologies and Urban Utilization

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Abstract title: U.S. Department of Energy's Hydrogen and Fuel Cell Perspectives

Hydrogen and fuel cells are emerging, versatile examples within a portfolio of advanced and sustainable energy options. Dr. Sunita Satyapal will provide an overview of hydrogen and fuel cell research, development and demonstration activities led by the DOE's Energy Efficiency and Renewable Energy's Office (EERE), including the H2@Scale initiative. H2@Scale envisions affordable hydrogen production, storage, distribution and use across multiple applications. The presentation will cover new and emerging markets such as data centers, ports, steel manufacturing and medium and heavy duty transportation, where the integration of hydrogen technologies can add value on economic, environmental and energy resilience fronts.