

Project SHOWPLACE Concept Workshop Agenda

Tuesday, September 28th, 2021 | 9:00 AM to 5:00 PM

Wednesday, September 29th, 2021 | 9:00 AM to 4:00 PM

In-Person and Virtual

UH Student Center South, Space City Conference Room - 4455 University Drive, Houston, Texas 77204

Co-sponsored by Texas General Land Office and Center for Houston's Future

Tuesday, Sept. 28th | Morning Session | SHOWPLACE Project Context and Introduction

9:00am **Welcome and Logistics**

9:15am **Overview of SHOWPLACE**

Collaborators:

UH Energy, *Dr. Suryanarayanan Radhakrishnan, Managing Director* Center for Houston's Future, *Brett Perlman, CEO*

Texas General Land Office, *Tom Ortiz*

9:45am **Houston as a Global Hydrogen Hub**

Andy Steinhubl, Vice-Chair / Chair-Elect, Center for Houston's Future

10:15am **SHOWPLACE Concept Overview and Project Phasing**

Ram Seetharam, UH Energy Center Officer

10:45am **Coffee Break**

11:00am **Technical Module - Work Scope and Key Issues: Offshore Infrastructure**

Steve Dell, Aquaterra Energy

12:00pm **Lunch Break**

Tuesday, Sept. 28th | Afternoon Session | Technical Modules: Work Scope and Key Issues: Wind Power Generation

1:00pm **Module 2: Power Transmission and Grid Stabilization**

Neil Kirby, Business Development Manager, HVDC & FACTS, GE Renewables

2:00pm **Module 3: Freshwater Generation, Storage & Supply**

Erika Mancha, Director, Conservation and Innovative Water Technologies, Texas Water Development Board

2:45pm **Coffee Break**

3:00pm **Module 4: Hydrogen Generation & Utilization**

Utilization: Gert Jan Ten Cate, VP business development Air Liquide Large Industries Air Liquide

Generation: Joe Powell, Retired Shell Chief Scientist – Chem E, Former Chair of DOE Hydrogen Technical Advisory Committee

4:00pm **Module 5: Hydrogen Storage**

Peter Eichhubl, Senior Research Scientist, Bureau of Economic Geology

5:00pm **Adjourn**

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Wednesday, Sept. 29th | Morning Session | Technical Modules – Work Scope and Key Issues

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- 9:00am** **Module 6: Wind Power Generation**
Dr. Paul Turner, SVP Business Development, Hecate Energy
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- 10:00am** **Similar Projects Worldwide – Learnings and Synergies**
Project HyPSTER
Germain Hurtado, Hydrogen Project Director, STORENGY
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- 10:45am** **Coffee Break**
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- 11:00am** **SINN Power Projects**
Tobias Voelkel, SINN Power GmbH
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- 11:45am** **Data and Digitalization:**
Microsoft/Bonsai
Heather MacKinnon-Miller, Autonomous Systems Architect, & Varsha Raju, Program Manager, Microsoft Bonsai
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- 12:15pm** **Lunch Break**

Tuesday, Sept. 28th | Afternoon Session | Data and Digitalization

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- 1:00pm** **Siemens Product Offerings**
Chelsea Kaplun, Pre-sales Solutions Consultant / Technical Strategy Lead / Energy & Process Segment
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- 1:30pm** **Group Discussion**
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- 2:00pm** **Project Planning | Funding & Collaboration Options**
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- 3:00pm** **Wrap-up and Next Steps**
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- 4:00pm** **Adjourn**