

METHANE HYDRATES PROJECT REVIEW MEETING Virtual Agenda October 27, 2020

Tuesday, October 27, 2020

Moderator: Richard Baker, National Energy Technology Laboratory

1:00 PM Natural Gas Hydrates in Permafrost and Marine Settings: Resources, Properties,

and Environmental Issues

Carolyn Ruppel, United States Geological Survey

1:20 PM Deepwater Methane Hydrate Characterization and Scientific Assessment

Peter Flemings, University of Texas at Austin

1:40 PM Hydromechanical Properties of Hydrate Reservoirs through Pressure Core

Analysis: GC 955, Gulf of Mexico Yi Fang, University of Texas at Austin

2:00 PM Alaska Natural Gas Hydrate Production Testing: Test Site Selection, Characterization

and Testing Operation

Tim Collett, United States Geological Survey

2:20 PM Break

Moderator: Richard Baker, National Energy Technology Laboratory

2:40 PM Behavior of Sediments Containing Methane Hydrate, Water, and Gas Subjected

to Gradients and Changing Conditions

Timothy Kneafsey, Lawrence Berkeley National Laboratory

3:00 PM Numerical Studies for the Characterization of Recoverable Resources from

Methane Hydrate Deposits

George Moridis and Matthew Reagan, Lawrence Berkeley National Laboratory

3:20 PM Coupled Hydrologic, Thermodynamic, and Geomechanical Processes of

Natural Gas Hydrate Production

Mark White, Pacific Northwest National Laboratory

3:40 PM Natural Gas Hydrates Research

Yongkoo Seol, National Energy Technology Laboratory

4:00 PM Adjourn