

GAIN-EPRI-NEI ENERGY END-USER WORKSHOP

Texas A&M University, College Station, TX | April 15-16, 2020

Active engagement between Energy End-Users and Advanced Nuclear Developers leading to a credible, shared vision for the use of nuclear-generated heat to meet future heat, steam, & electricity needs.



GAIN-EPRI-NEI WEBINAR

Clean Nuclear Energy for Industry

April 16, 2020 / 10:00 a.m. MT / 12:00 PM ET

AGENDA

Time (MT)	Description	Presenter(s)
10:00 a.m.	Opening Remarks, DOE Office of Nuclear Energy	Rita Baranwal, DOE-NE
10:05 a.m.	Webinar Goals and Process <ul style="list-style-type: none">- Summary of what nuclear energy systems can offer to industrial energy users at various scales- Introduction of the concept of “integrated energy systems”	Shannon Bragg-Sitton, INL
10:15 a.m.	Overview of Nuclear-Industrial Integration Demonstrations <p>Demonstrations of the integration of nuclear energy and hydrogen production are currently planned and funded; in this session industry leads for these projects will provide an overview of the demonstrations, including:</p> <ul style="list-style-type: none">- Motivation: Financial analysis of anticipated ROI (plant owner and hydrogen market/user perspectives)- Overview of technologies that will be demonstrated initially (electrically integrated LTE)- Introduction of analyses to support follow-on demonstrations (thermally integrated HTE)- Safety analysis and regulatory aspects for integration of nuclear and industrial systems	Moderator: Shannon Bragg-Sitton, INL Speakers: Ugi Otgonbaatar, Exelon Corp Alan Scheanwald, Energy Harbor Molly Strasser, Xcel Energy Jeffrey Brown, Arizona Public Service
11:10 a.m.	What is on the Horizon of Advanced Nuclear Systems? <ul style="list-style-type: none">- Brief overview of advanced, higher temperature designs, micro and small modular reactors- Timeline for deployment, investments, etc.	Everett Redmond, NEI
11:20 a.m.	Commercializing Advanced Reactors for New Customers and an Uncertain Future	Andrew Sowder, EPRI
11:30 a.m.	Discussion / Q&A	
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