



AI in Energy Workshop: Architecting Europe's AI-Native Energy Utility



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Register

Date: 3rd November 2026

Location: Department of Climate, Energy & Environment, Dublin

Session 1: Identifying the Current State of AI for Energy Utilities

TIME	TOPIC	PRESENTER
09:00	Introductions and Workshop Objectives	EPRI
09:30	<i>How Should We Be Thinking About the Cross Section of AI and the Energy Sector?</i> <i>Keynote Addresses: Perspectives from the Department of Climate Energy, Environment and the European Commission</i>	Minister of State Timmy Dooley Speaker from EU Commission
10:00	What is the Current Technology Readiness and Strategies for AI in European Energy Utilities? <i>Presented Perspectives from Irish and European Utility Industry Leaders</i>	TBC Various Energy Utility Leaders
10:45	Coffee Break	

Session 2: Defining Possible Future Visions and Pathways

11:15	Sketching the Possible Future AI-Native Utility Scenarios and Pathways 1. <i>Zero Adoption</i> 2. <i>Safe and Balanced Adoption</i> 3. <i>Giant Technological Leaps</i>	EPRI
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11:45	What Should the Target State Be? <i>Panel Discussion with Leader Perspectives:</i> <ul style="list-style-type: none"> • <i>Responding to the possible pathways</i> • <i>What is target state and what is possible?</i> 	TBC Various Energy Utility Leaders
12:30	Lunch	
Session 3: Addressing the Challenges for AI Adoption in Utilities		
13:15	Identifying and Addressing the Challenges to Safe AI Adoption in Energy Utilities, <i>Short Presentations Followed by Round Table Discussions, with Focus on:</i> <ul style="list-style-type: none"> • <i>Infrastructure, Resources and Sovereignty</i> • <i>Data, Software and AI Models</i> • <i>Validation, Verification and Trust</i> 	Various SMEs and Energy Utility Leaders
14:30	Coffee Break	
Session 4: Envisioning the Art of the Possible: Defining European Energy-AI Moonshots		
15:00	What Major, Technically Challenging Breakthrough Initiatives Should the Energy and AI Industries Be Targeting Collaboratively in Europe? <i>Developing AI-Energy Moonshot Project Ideas – Requiring Multi-year engagement and resources</i> <ul style="list-style-type: none"> • <i>Generation AI-Energy Breakout</i> • <i>Grid Planning, Asset Management, Operations Breakout</i> • <i>Energy End Use Breakout</i> 	All Contributing to Breakout Sessions
16:00	Workshop Report Out and Final Comments	EPRI, All
16:30	Workshop Close	