

**Committee on Energy and Commerce**  
**U.S. House of Representatives**  
 Witness Disclosure Requirement – “Truth in Testimony”  
 Required by House Rule XI, Clause 2(g)(5)

<b>1. Your Name:</b> Barbara Humpton		
<b>2. Your Title:</b> CEO, Siemens USA		
<b>3. The Entity(ies) You are Representing:</b> Siemens Corporation		
<b>4. Are you testifying on behalf of the Federal, or a State or local government entity? (If “Yes,” skip Item 5 and Item 6.)</b>	Yes	No  X
<b>5. Grants, Contracts, and Payments</b>		
<p><b>a. Please list any <u>Federal grants or contracts</u> that you or the entity(ies) you represent have received <u>on or after January 1, 2023</u>. Only grants, contracts, or payments related to the subject matter of the hearing must be listed.</b></p> <p>We do not have any contracts, only the below listed grants where we act as either the Prime or a Subcontractor. Our grant funding is not broken down by specific topic area since technology is multi-impact and can play a role in areas independent of title of project.</p> <ul style="list-style-type: none"> <li>• Robotic Manipulation of Granular and Paste-like Materials</li> <li>• The Path to Adopt Multi-Modal AI and Rapid Re-tasking &amp; Robot Agility</li> <li>• In situ Detection of Plasma Induced Surface Interaction</li> <li>• UNIFI UNiversal Interoperability for grid-Forming Inverters</li> <li>• A Holistic Approach for the Processing Science of Next Generation Ultrahigh Temperature Materials For HXs</li> <li>• Accelerated Discovery of Protection System and Laser Processing of Protective Coatings on CMC for Hydrogen Turbines</li> <li>• Automatic CO2 Emission Calculation for Additive Manufacturing Process: Approach Supporting Industrial Decarbonization</li> <li>• Optimized Reinforcement Learning Agents for Network Defense Operations (ORLANDO)</li> <li>• Additive Manufacturing of Nanocrystalline Enhanced Magnetic Materials for Electrical Motor</li> <li>• Decarbonizing Light Olefin Production using Advanced Electromagnetic Reactors</li> <li>• Digital Twin Virtual Commissioning Scenarios of a Manufacturing Cell</li> <li>• Smart Defect Analysis and Remediation for Product Quality Assurance (SmartDARPPQA)</li> <li>• Mitigation via Analytics for Grid-Inverter Cybersecurity</li> </ul>		

- Proactive Human-Machine Teaming Enabled Cybersecure Technologies for DER-Rich Grid Operations (PROTECT)
- An Innovative Suite of Physics-informed Learning Tools for Real-time DER System Data Analytics (AI-PhyX)
- Midwest Nuclear DAC Hub
- Electric Thermal Storage for Resilience and Decarbonization
- Conformal Deposition of Thermal Protection System on Aluminum Dome
- Digital integrated advanced manufacturing solutions for automated finishing and inspection of large area near net shape components
- Maskless Robotic Painting with Realtime Control
- Development of Real-Time Camera-based Human Digital Twin for Improving Worker Safety in Material Handling Jobs
- Adaptive Robotic Insertion of Automotive Parts using Multi-Modal AI
- SCAN-3D – Scanning Cores and Nomenclature into 3D
- Analysis of Electric Infrastructure Requirements and Benefits in Transitioning Critical Industrial Heating Processes to Electric Energy Based Heating
- SAFE TRACK – Situation Awareness of Foreign Objects on Tracks

**b. Please list any contracts or payments originating with a foreign government that you or the entity(ies) you represent have received on or after January 1, 2023. Only grants, contracts, or payments related to the subject matter of the hearing must be listed.**

We do not have any contracts or payments to report.

6. Are you a fiduciary (i.e., authorized to act on behalf of or for the benefit of) for any entity that has an interest in the subject matter of the hearing?	Yes	No  X
7. Please attach your curriculum vitae to your completed disclosure form.		

Signature: 

Date: February 10<sup>th</sup>, 2025  
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