



# UC Davis Energy and Efficiency Institute

Mark Modera

Faculty Director, Energy and Efficiency Institute

**We look forward to working with you to  
achieve a safe, reliable, equitable, and  
sustainable energy system**

# Energy Landscape

- » Need for **commercialization** of solutions that work in the real-world
- » Need for a **trained workforce**
- » **Time value of energy is in flux**
  - Need for **integration** across fields, systems, and sectors

# From Center to Institute



# Mission

- » To bring together the world's best minds to realize sustainable energy solutions

# Two Significant Additions

- » A broader mandate to accelerate **sustainable energy systems**
- » Hosting the new **UC Davis Energy Graduate Group**



# Goals

- » **Empower researchers** to accelerate innovation by providing essential services that support collaboration, integration, and demonstration
- » Solve evolving, critical, energy-related problems with speed and scale through **partnerships** with private- and public-sector stakeholders
- » Spark action through **education** by creating dynamic learning opportunities on campus and beyond
- » Extend the Institute's reach globally by inspiring engagement through **effective communication** with diverse audiences

# Components





# Affiliates Are Critical To Our Success



Research  
Centers &  
Programs

# Affiliates Enable Us To:

- » Leverage core funding to **obtain significant grants** by using it as match funding on state and federal proposals
- » Maintain **state-of-the-art** laboratory facilities and equipment
- » Recruit and retain **top research talent**
- » Provide funding to seed **new projects** and take advantage of emerging opportunities

# We Appreciate Our Affiliates

- » This is our **first Joint Forum**
- » We updated our **Affiliate Program**
- » We offer a number of **benefits**
- » **We want your feedback!**
  - We hope that you enjoy today
  - Survey is on the way

