**iCAP Energy September Meeting Minutes**

**Date**: September 10, 2024

**Key Agenda**: Introductions, team objectives, project updates, and next steps.

**Attendees:**

* Robert Raymond Roman
* Adrika Vats
* Andrew J Stumpf
* Martha Kubakh
* Paul Foote
* Trey Mitchel McCallister
* Tim Mies
* Samuel Gerstein
* Amber Perfetti
* Roman Makhnenko
* Karl J Helmink

**Key Topics Discussed**

1. **Introductions and Backgrounds**:
   * Team members shared their backgrounds in renewable energy, energy efficiency, climate modeling, CO₂ storage, hydrogen storage, geothermal, sustainable design, and energy policy.
   * Discussion of personal goals for the year, including contributing to rooftop solar initiatives, energy resilience, and occupant engagement programs.
2. **Review of Team Objectives and Responsibilities**:
   * The team reviewed iCAP energy goals, emphasizing a shift toward actionable steps.
   * Discussion on facilitating collaboration across campus units to implement energy initiatives, while balancing strategic goals with feasibility.
3. **Updates on Ongoing Projects**:
   * **Rooftop Solar**: Previous studies identified some buildings as unsuitable due to shading and infrastructure constraints. The team will continue identifying viable locations for solar installations.
   * **Occupant Engagement**: Reviewed the occupant engagement pilot program, focusing on efficient use of lab and building energy. The need for temperature regulation and energy-conscious behaviors among campus occupants was discussed.
4. **New and Upcoming Projects**:
   * **Energy Farm Updates**: Recent solar array installations and an agrivoltaics project are contributing to renewable energy output.
   * **Hydrosystems Building**: Planned retro-commissioning to address mechanical inefficiencies and temperature inconsistencies.
5. **Energy Resilience and 2025 iCAP Objectives**:
   * Discussed including energy resilience in the 2025 iCAP update, with renewable energy noted as essential for resilience. The team will develop recommendations for preparing campus infrastructure for potential brownouts and blackouts.
6. **Solar Rooftop Feasibility**:
   * Identified potential buildings on campus suitable for rooftop solar. A list of candidate buildings will be reviewed for further feasibility studies.
7. **Engagement and Education**:
   * Explored methods to promote energy-efficient practices among campus occupants, such as temperature control measures and energy-efficient lab equipment usage.

**Next Steps and Action Items**

1. **All Team Members**: Review iCAP Energy Chapter and prepare for discussions on energy objectives.
2. **Monthly Meeting Setup**: Establish regular meetings to review progress and objectives.
3. **Feasibility Studies**: Continue assessing identified buildings for rooftop solar potential.
4. **Occupant Engagement Pilot**: Work on refining the engagement program to support efficient building energy usage and temperature regulation.