



UCD Sustainable Energy Community

Pobal Fuinnimh Inbhuanaithe UCD



What is UCD Sustainable Energy Community?

UCD SEC is a vibrant community group made up of UCD students and staff dedicated to advancing sustainable energy solutions through research, collaboration, and real-world impact, starting on our campus.

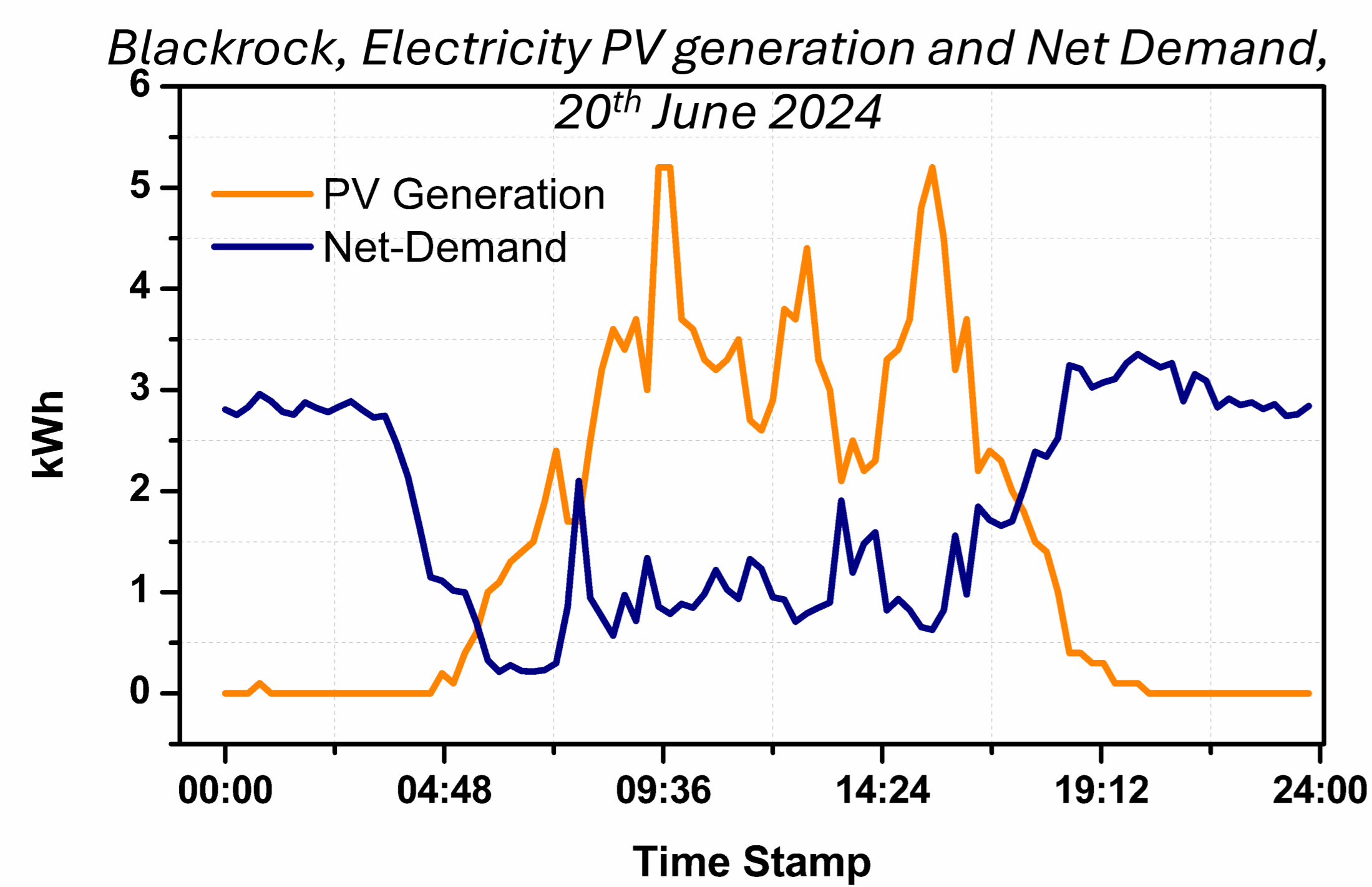


Our Focus Areas:

- ✓ Renewable Energy Systems
- ✓ Decarbonization Strategies
- ✓ Energy Efficiency & Smart Grids
- ✓ Community Engagement & Awareness



Our Projects:



Share your creative ideas for a more energy-efficient campus!

Collaboration with UCD Estates:

UCD Estates are responsible for operating the campus efficiently and effectively. Collaborating with Estates provides UCD SEC with access to real-time energy supply and demand, data for energy research projects.

UCD SEC organised **this Energy Hack with Estates** to create energy awareness. Check out the posters on state-of-the-art UCD energy research, and exhibitions from Ireland's renewable energy associations.

Lab Energy Efficiency:

Research laboratories are significant energy consumers. This project focuses on optimising energy usage in UCD labs by analysing consumption patterns and implementing power management solutions.



Image courtesy of UCD Estates, 2024.

Campus Drone Survey :

We aim to assess the feasibility of installing solar panels in campus parking areas by conducting a thorough survey and drone-based mapping to identify optimal locations for solar installations.

Connecting with other Sustainable Energy Communities:

This initiative focuses on sharing best practices, resources, and strategies to enhance energy sustainability with other SECs including those in Higher Educations Institutions to discuss opportunities to lead energy transitions locally.



Why Get Involved?



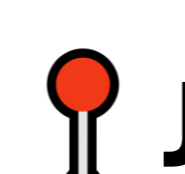
Gain insights into clean energy research



Collaborate on innovative energy projects



Contribute to a more sustainable future



Join UCD SEC Today!



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