

The RAMP project for demand simulation.

A bottom-up multi-institution co-development effort

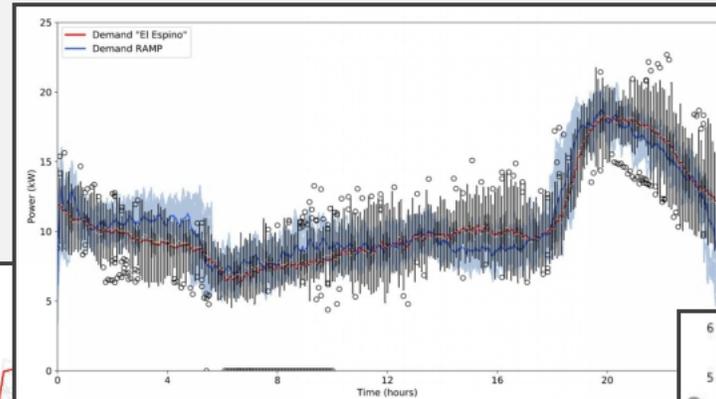
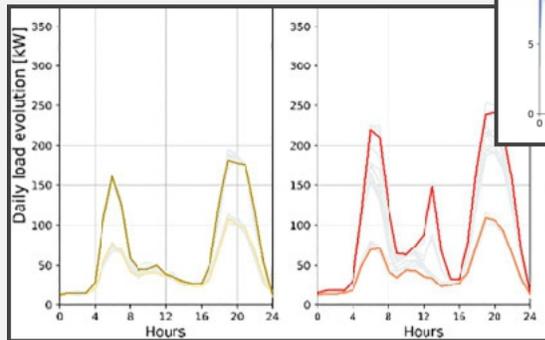
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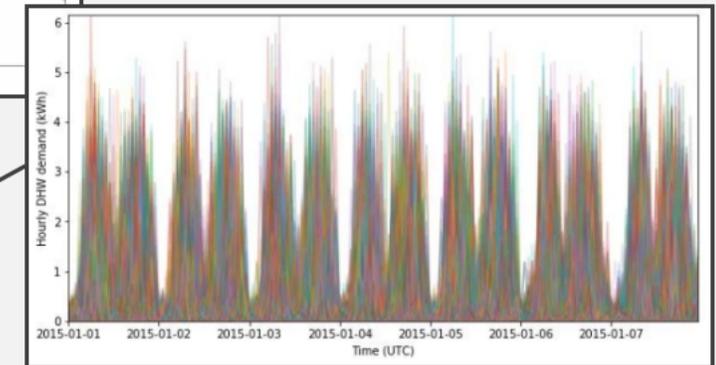
RAMP. What is it?

off-grid communities

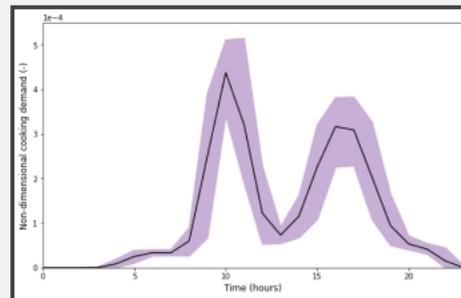
Load evolution



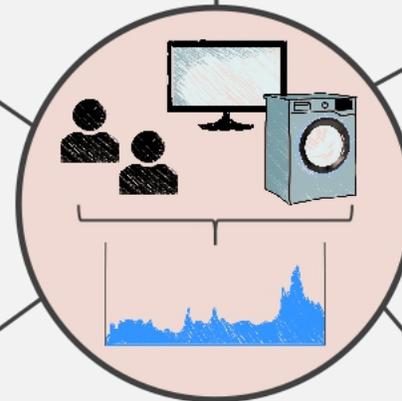
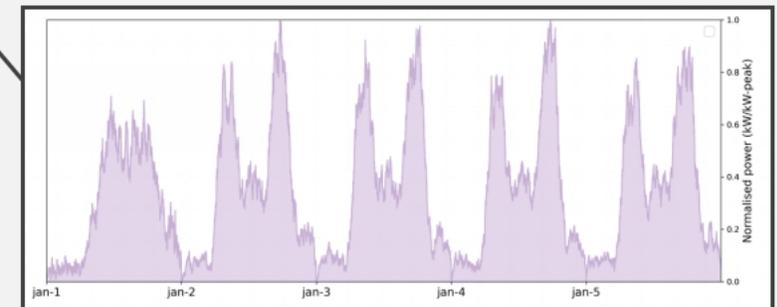
Domestic hot water



Energy for cooking



Electric vehicles





How it started.



How it's going.



Next-gen RAMP.

1. Complete **restyling** of the **original RAMP** software
 - clearer, more efficient code structure
 - user-friendly (tabular) input files
 - expanded documentation
 - ...
2. Dedicated **website** (rampdemand.org) for the RAMP project and for its key sectoral applications (mobility, heat, cooking)
3. Publication of the joint software upgrade in the **Journal of Open Source Software (JOSS)**



Stochastic multi-energy load profiles

Thank you.
Questions?

- Further information at rampdemand.org
- Join the process: open meetings every first Wed of the month
- Download, reuse and contribute! github.com/RAMP-project
- Need technical support? Join our Gitter chat: gitter.im/RAMP-project
- Access the slides anytime at flombardi.org