

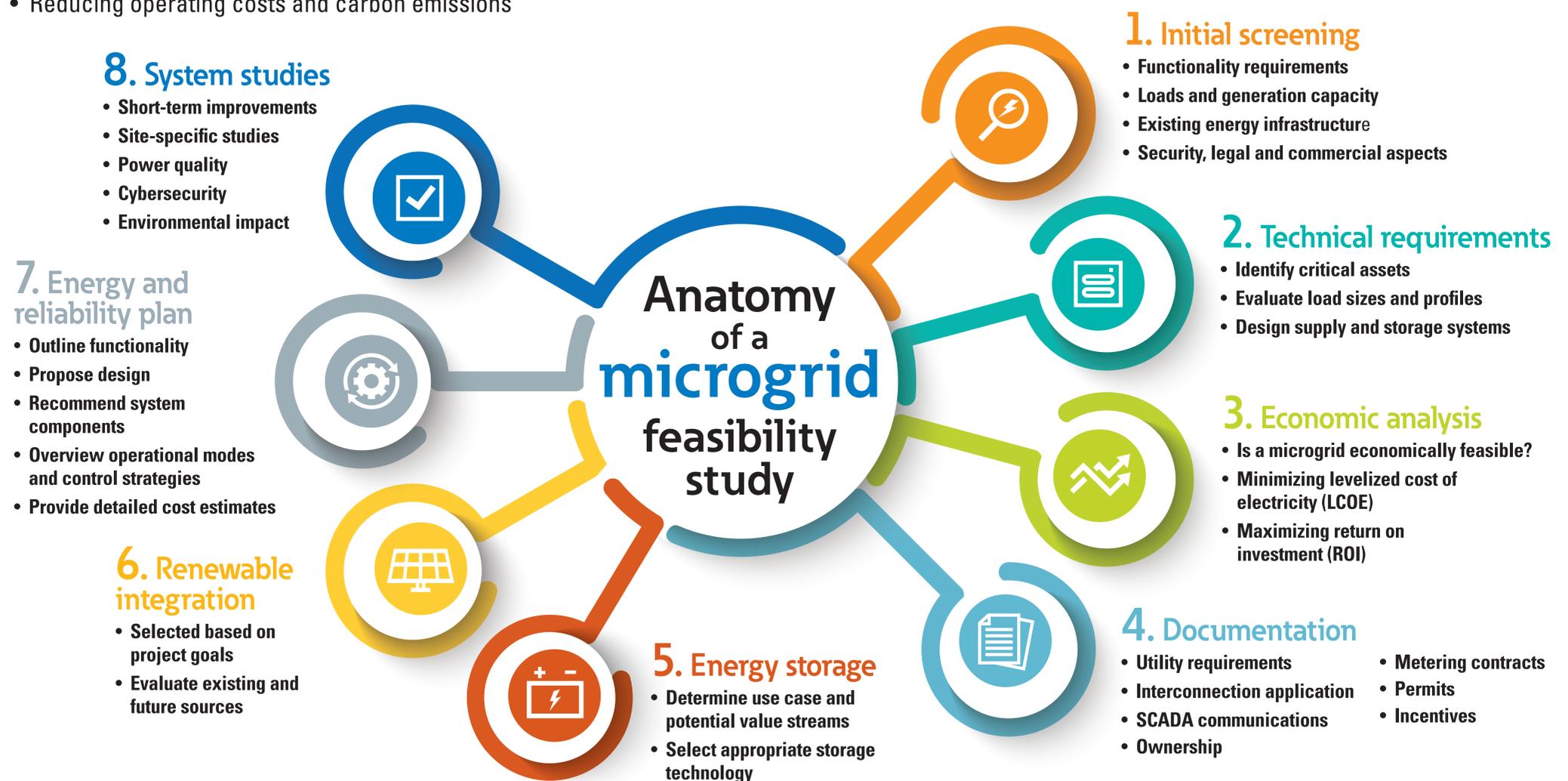
# Making Microgrids work

It is well known that microgrids can provide a solution for:

- Unexpected power loss
- Balancing spikes in energy demand
- Optimizing energy usage and reliability
- Reducing operating costs and carbon emissions

However, without a “one size fits all solution,” how do you properly design and size a microgrid?

A “feasibility study” will answer whether or not a microgrid makes sense, and what configurations and components are needed to meet your specific needs.



## The virtual microgrid advantage

How can you be sure the microgrid will perform as intended before you cut the ribbon on the project?

- The last compelling aspect of a feasibility study is the ability to see how the system functions before ground is broken on the project.
- This virtual microgrid provides insights on the feasibility, design and application in a simulated environment.

## Benefits of microgrid simulation

- More precise planning and management of the microgrid system
- Understand the system as if the assets and devices were already connected
- Develop the system’s load profile and utility rate structures
- Enable pre-engineering and system configuration and optimization to save time
- Complete projects more quickly and successfully, with confidence they are optimized out of the gate

Through a commitment to project success, Eaton is an experienced partner that is dedicated to making microgrids work, with successful deployment of systems that meet and go beyond your specific needs.



Powering Business Worldwide

For more information, please visit [Eaton.com/microgrid](https://www.eaton.com/microgrid)