

Introduction

This policy sets forth the proposal process for projects to be accepted into LF Energy. The process is the same for both existing projects which seek to move into LF Energy and new projects to be formed within LF Energy.

All projects are assumed to start at Incubator status unless the TAC has verified that stage advancement requirements have been met.

Incubation Project Proposal Requirements

Projects must be formally proposed by answering the following questions and sending by email to tac@lists.lfenergy.org. Project proposals submitted to LF Energy should provide the following information to the best of their ability:

General information:

Name of project	Grid capacity map - Early capacity indication for new grid connections.
Project description (what it does, why it is valuable, origin and history)	A map that gives customers and stakeholders public information about grid capacity and grid connection cost in different locations. The purpose is to give early indication to customers that want to connect to the grid. The aim is to ensure customer and stakeholders expectations on grid connections are realistic to give a better connection experience with fewer surprises for both grid owner (DSO/TSO), grid customers and other stakeholders.
Project lead	Vattenfall Eldistribution
Project financial sponsor organization(s)	Vattenfall Eldistribution through in-kind contributions. Discussion on-going with Svenska Kraftnät, RTE and Alliander for possible contributions in kind. Also National Grid has expressed a willingness to contribute with seed knowledge on methodology and possibly also software.
Names of other key contributing individuals and organizations	See above
Proposed Technical Steering Meeting (TSC) members	Tbd
Existing community links:	
repository hosting	Tbd
project website and docs	Tbd
mailing lists, slack, irc	Tbd
social media accounts	Tbd
Project security plan (TODO - what should this include?)	Need to make system modular to allow contribution by different grid operators. Grid capacity calculations need to be performed in-house by each TSO/DSO and only publicly share the output.

Link to code base	Tbd
-------------------	-----

Open source status:

Please describe the project's license.	Open source license model TBD
Is this project's code publicly posted? On github or elsewhere?	Not yet.
Does this project have ongoing public (or private) technical meetings?	Discussion with RTE and Alliander is currently ongoing with contributions from Svenska Kraftnät and National Grid.
Do this project's community venues have a code of conduct? If so, what is it?	Not yet.
Describe the project's leadership team and decision-making process.	Tbd.
Does this project have public governance (more than just one organization)?	Tbd.
Does this project have a development schedule and/or release schedule?	2021 Q1 formation. Q2 grid capacity calculation methodology and software architecture development. Q3-Q4 development MVP.
Does this project have dependencies on other open source projects? Which ones?	Use of PowerSyBI and components from "power system network operations of the future" have been considered.
Describe the project's documentation.	
Describe any trademarks associated with the project.	Tbd.

Project status:

Do you have a project roadmap? please attach [Are this project's roadmap and meeting minutes public posted?]	See attached.
Does this project have a legal entity and/or registered trademarks?	No.
Has this project been announced or promoted in any press?	No.
Does this project compete with other open source projects or commercial products?	Not as far as we are aware.

Project value:

Why would this project be a good candidate for inclusion in LF Energy?	The use-case (early capacity indication for grid connections) is 1) universal and 2) larger than any one grid company (each TSO/DSO only has a piece of the puzzle)
Provide a statement on alignment with the mission in the LF Energy charter .	Proposed project is an open source project for electricity distribution. I.e. directly related to mission statement 1.a.
What specific need does this project address?	Provide early capacity indication for grid connection needs in different grid locations and time.
Describe how this project impacts the energy industry.	Increases awareness of grid capabilities and limitations in order to accelerate electrification projects (demand) and connection of new generation.

Describe how this project intersects with other LF Energy projects.	Extends grid capacity calculation tools such as PowSyBl.
Who are the potential benefactors of this project?	Customers that need new grid connections. Reduced workload for grid planners.
What other organizations in the world should be interested in this project?	Transportation and energy intensive industry.

Project needs:

How would this project benefit from inclusion in LF Energy?	Scalable solution. Avoid company/country specific solution to universal challenge.
Please describe any infrastructure needs or requests (e.g., web hosting).	Calculations performed in-house (backend) with publication on a common portal (frontend).
Plan for achieving next maturity level (Incubation -> Early Adoption -> Graduated).	Incubation.