

Technical Advisory Council (TAC) Meeting

28 November 2023

OLFENERGY

Meeting information

- Meeting to begin at 5:00 pm Central European Time
- Join the meeting by going to <https://zoom-lfx.platform.linuxfoundation.org/meeting/95214651568?password=eda16f17-bdd1-4a9f-a594-0947a1433153>
- Any problems with connectivity, you can contact John Mertic from the Linux Foundation at +1 234-738-4571
- Previous TAC Meeting notes, deck, and recording, at <https://wiki.lfenergy.org/display/HOME/Technical+Advisory+Council#TechnicalAdvisoryCouncil-MeetingMinutes>

Antitrust Policy Notice

Linux Foundation meetings involve participation by industry competitors, and it is the intention of the Linux Foundation to conduct all of its activities in accordance with applicable antitrust and competition laws. It is therefore extremely important that attendees adhere to meeting agendas, and be aware of, and not participate in, any activities that are prohibited under applicable US state, federal or foreign antitrust and competition laws.

Examples of types of actions that are prohibited at Linux Foundation meetings and in connection with Linux Foundation activities are described in the Linux Foundation Antitrust Policy available at linuxfoundation.org/antitrust-policy. If you have questions about these matters, please contact your company counsel, or if you are a member of the Linux Foundation, feel free to contact Andrew Updegrove of the firm of Gesmer Updegrove LLP, which provides legal counsel to the Linux Foundation.

Agenda

All Times in Central European Time Zone

- 5:00 pm - 5:10 pm - Opening and General Updates
 - TAC member updates and project review date reminders
 - General updates
- 5:10 pm - 5:30 pm - CitrineOS Project Proposal
- 5:30 pm - 5:50 pm - PowSyBl Annual Review
- 5:50 pm - 6:10 pm - FlexMeasures Annual Review
- 6:10 pm - 6:15 pm - Marketing/PR/Events updates
- 6:15 pm - 6:20 pm - Closing and Next Meeting

Opening and General Updates

5:00 pm - 5:10 pm

OLFENERGY

TAC Voting Members

You can update your headshot/title at openprofile.dev.



Antonello Monti
Chair
Professor
RWTH Aachen
University



Anne Tilloy
Project manager
RTE (Reseau de
Transport
dElectricite)



Art Pope
Member of
Technical Staff at
Google LLC



Avi Allison
Program Manager,
Energy,
Sustainability
Microsoft
Corporation



Boris DOLLEY
Director of
Sustainable IT
Strategy
RTE (Reseau de
Transport
dElectricite)



Bryce Bartmann
Chief Digital
Technology Advisor
Shell International
Petroleum Company



**Jonas van den
Bogaard**
Open Source Office
Lead
Alliander



Maarten Mulder
PO Field Device
Platforms
Alliander



Travis Sikes
Senior Data
Scientist
Recurse

LF Energy Hosted Project and Working Group Leads

Changes in bold



| Project | Project Lead(s) |
|--|---|
| PowSyBI | Anne Tilloy, RTE |
| OperatorFabric | Frederic DIDIER, RTE |
| OpenEEmeter | Travis Sikes, Recurve |
| GXF | Maarten Mulder, Alliander |
| SOGNO | Antonello Monti, RWTH Aachen University |
| CoMPAS | Aliou Diaite, RTE & Sander Jansen, Alliander (TAC Representative) |
| FledgePOWER | Akli Rahmoun, RTE |
| Hyphae | Asimonia Korompili, RWTH Aachen University |
| openLEADR | Lonneke Driessen & Stan Janssen, OpenADR |
| SEAPATH | Éloi Bail, Savoir-faire Linux |
| Grid Capacity Map | Per Lysemose Hansen, Energinet |
| Shapeshifter | Robben Riksen, Alliander |
| OpenSTEF | Frank Kreuwel, Alliander |
| EVerest | Marco Möller, PIONIX |
| OpenGEH | Nicolas Bernhardi |
| FlexMeasures | Nicolas Höning, Seita Energy Flexibility B.V. |
| Arras | David Chassin, SLAC |
| Dynawo | Marco Chiaramello, Benoît Jeanson, RTE |
| OpenFIDO | David Chassin, SLAC |
| Power Grid Model | Tony Xiang, Alliander |
| Real Time Data Ingestion Platform (RTDIP) | Bryce Bartmann, Shell |
| TROLIE | Christopher Atkins, MISO Energy |
| Battery Data Alliance | Gabe Hege, AMPLabs |
| GRIP (Grid Resilience and Intelligence Platform) | Alyona Teybar, MASc |
| Open Sustainable Technology | Vote of TSC Committee- Tobias Augspurger, Prototypes |

Project Review Cycle

Upcoming Reviews

| Project | Current Level | Initially Accepted | Last Review Date | Next Review Date |
|-------------------------|---------------------------|-----------------------------|------------------------------|------------------------------|
| FlexMeasures | Incubation | November 2, 2021 | November 15, 2022 | November 28, 2023 |
| PowSyBI | Early Adoption | April 30, 2019 | November 15, 2022 | November 28, 2023 |
| Dynawo | Sandbox | December 6, 2022 | | December 19, 2023 |
| EVERest | Early Adoption | October 12, 2021 | December 6, 2022 | December 19, 2023 |
| RTDIP | Sandbox | October 25, 2022 | | December 19, 2023 |
| OpenLEADR | Incubation | September 15, 2020 | December 6, 2022 | TBD |
| OpenGEH | Sandbox | October 12, 2021 | October 4, 2022 | TBD |

Working Groups

| Group | Current Level | Initially Accepted | Last Review | Next Review |
|-------------------------|---------------|--------------------|-------------|-------------|
| Archimate Working Group | Active | October 4, 2022 | | 11/28/2023 |

Past Reviews

| Project | Current Level | Initially Accepted | Last Review Date | Next Review Date |
|-----------------------------|----------------|--------------------|--------------------|--------------------|
| OpenFIDO | Sandbox | January 17, 2023 | | January 9, 2024 |
| SEAPATH | Early Adoption | October 6, 2020 | January 17, 2023 | January 9, 2024 |
| Hyphae | Incubation | December 8, 2020 | February 7, 2023 | February 20, 2024 |
| Power Grid Model | Sandbox | February 7, 2023 | | February 20, 2024 |
| FledgePOWER | Incubation | February 11, 2021 | March 21, 2023 | March 12, 2024 |
| SOGNO | Early Adoption | October 27, 2020 | March 21, 2023 | March 12, 2024 |
| Shapeshifter | Incubation | April 6, 2021 | April 11, 2023 | April 23, 2024 |
| CoMPAS | Incubation | May 5, 2020 | July 13, 2022 | June 25, 2024 |
| Arras | Sandbox | July 12, 2022 | July 25, 2023 | January 30, 2024 |
| OperatorFabric | Early Adoption | April 30, 2019 | July 25, 2023 | July 16, 2024 |
| TROLIE | Incubation | September 5, 2023 | | September 3, 2024 |
| Battery Data Alliance | Incubation | September 5, 2023 | | September 3, 2024 |
| GXF | Early Adoption | February 4, 2020 | September 26, 2023 | September 24, 2024 |
| Open Sustainable Technology | Sandbox | October 17, 2023 | | October 4, 2024 |
| Grid Capacity Map | Incubation | April 27, 2021 | October 17, 2023 | October 4, 2024 |
| OpenEEmeter | Incubation | June 4, 2019 | October 17, 2023 | October 4, 2024 |
| OpenSTEF | Incubation | September 21, 2021 | October 25, 2022 | November 5, 2024 |

TAC Sponsors for Projects

As part of the benefit for LF Energy projects, the TAC has a sponsor for each project.

“Appointment of an existing TAC member by the TAC that will act as a sponsor of the project and provide recommendations regarding governance best practices.”

ACTION: Review assignments, let John or Yarille know if there are issues



| Project | Current Level | TAC Sponsor |
|--|----------------|-----------------------|
| Archimate Working Group | Working Group | Maarten Mulder |
| Arras | Sandbox | Antonello Monti |
| Battery Data Alliance | Sandbox | |
| CoMPAS | Incubation | Bryce Bartmann |
| Dynawo | Incubation | Art Pope |
| EVerest | Early Adoption | Bryce Bartmann |
| FledgePOWER | Incubation | Jonas van den Bogaard |
| FlexMeasures | Incubation | Maarten Mulder |
| Grid Capacity Map | Incubation | Boris Dolley |
| GRIP (Grid Resilience and Intelligence Platform) | Sandbox | |
| GXF | Early Adoption | Jonas van den Bogaard |
| Hyphae | Incubation | Antonello Monti |
| OpenEEmeter | Incubation | Travis Sikes |
| OpenFIDO | Sandbox | Avi Allison |
| OpenGEH | Sandbox | Avi Allison |
| OpenLEADR | Incubation | Anne Tilloy |
| OpenSTEF | Incubation | Jonas van den Bogaard |
| Open Sustainable Technology | Sandbox | |
| OperatorFabric | Early Adoption | Boris Dolley |
| PowSyBl | Early Adoption | Anne Tilloy |
| Power Grid Model | Sandbox | Jonas van den Bogaard |
| Real Time Data Ingestion Platform (RTDIP) | Sandbox | Art Pope |
| SEAPATH | Early Adoption | Boris Dolley |
| Shapeshifter | Incubation | Jonas van den Bogaard |
| SOGNO | Early Adoption | Antonello Monti |
| TROLIE | Sandbox | Boris Dolley |

General Updates

- Yarille will be reaching out to project/working group leads to update slide in HL overview deck. (<https://github.com/lf-energy/tac/issues/91>)
- We'd like to schedule guest speakers/topics that would be of interest to TAC members and TSC leads.
 - **ACTION: Let us know what would be of interest at <https://github.com/lf-energy/tac/issues/31>.**
- Plan to move all projects to using LFX PCC Meeting Management by end of the year; current status at <https://github.com/lf-energy/tac/issues/39>
 - **ACTION: Projects lead to work with John on transitioning: EVERest, FledgePOWER, Grid Capacity Map, Grid eXchange Fabric, Hyphae, OpenEEmeter, PowSyBl, openLEADR, OpenSTEF, Archimate WG**
- Future of Slack; revisit looking at alternatives. Zulip has been suggested at <https://github.com/lf-energy/tac/issues/48>
 - **DISCUSSION: Revisit Slack and alternatives.**

CitrineOS Project Proposal

5:10 pm - 5:30 pm

OLFENERGY

PowSyBl Annual Review

5:30 pm - 5:50 pm

OLFENERGY



Annual Review for
POWSYBL
28/11/2023

Powsybl

Brief Description:

A set of power system blocks for grid analysis and simulation: grid modelling, exchange formats, grid simulation, visualization, etc.

TSC Chairperson:

Anne Tilloy anne.tilloy@rte-france.com

Sophie Frasnedo
sophie.frasnedo@rte-france.com

TSC Members and Affiliations:

<https://www.powsybl.org/pages/overview/governance>

Contributed by:

RTE, Artelys, Grupo AIA

Key Links:

Github: <https://github.com/powsybl>

Website: <https://www.powsybl.org/>

Mailing lists:

- powsybl@lists.lfenergy.org
- powsybl-announce@lists.lfenergy.org
- powsybl-tsc@lists.lfenergy.org

CII Badge URL: *silver*

<https://bestpractices.coreinfrastructure.org/fr/projects/4795>

Slack for technical discussions:

<https://www.powsybl.org/pages/community/>

Early adoption Project review criteria assessment

- Growth in the project's community
 - Number of commits and committers, organizational diversity: *achieved*.
 - Production use of the project by independent end users: *achieved*.
- Operational technical governance:
 - A Technical Steering Committee: *achieved, every month*.
 - Best Practice badge at the 'Passing' Level: *achieved*.
- Development of a growth plan, to be done in conjunction with their project mentor(s) at the TAC.
This plan should address the following points:
 - Release plans for the next 18 months: *achieved, every 2 months now*.
 - Target end-users: *achieved*.
 - Identification of any regulatory or standards body requirements for deployment, and plans for implementation: *not required for Powsybl*.
 - Plans for growth of project contributors and committers to support the growth plan: *see in next slides*.

Graduation Project acceptance criteria assessment

- TSC of 9 members, 2 from Artelys company, 1 from AIA and 6 from RTE (more than 1/3).
- Completion of growth plan defined in the Early Adoption stage proposal: *see in next slides*.
- Organizational diversity in committers: *partially validate. Most of the commits come from RTE, Artelys contribution growing ([Insights \(linuxfoundation.org\)](https://insights.linuxfoundation.org))*.
- Public list of project adopters: *logos in [Power System Blocks \(powsybl.org\)](https://powsybl.org)*
- Core Infrastructure Initiative Best Practices badge at the Gold level: *silver*
- Present to the TAC and the Governing Board: *Sophie represents Powsybl in TAC*.

Contributions

- This year, 95 active contributors registered in September 2023.
- The contributor number has increased by 26% since last year.
- Those new community members actively contribute to project.
- A increasing community of pypowsybl users.
- The number of feature commits has also increased by 23%.

- <https://insights-v2.lfx.linuxfoundation.org/powsybl/>

Organizations contributing and/or using in production

- RTE contributes and uses in production for internal softwares, for GridSuite ([GridSuite \(github.com\)](#)) and for Dynawo ([Home | Dynawo \(dynawo.github.io\)](#)). Open Load Flow will be in operation at RTE in 2024.
- Powsybl libraries are deployed for industrial tools with high performance such as CASTOR, a remedial action optimizer for capacity calculation in CORE region, Italy North region and South West region. By optimizing non costly remedial actions, CASTOR is one key tool for energy transition and will be in operation in December for SWE coordinated security analysis.
- AIA contributes and maintains the CGMES conversion and use it in HELM Flow ([Home - Grupo AIA - Algoritmos para un mundo mejor](#)). Great participation on slack for user guidance.
- Artelys ([Home | Artelys](#)) contributes in core and in open-loadflow in order to provide grid computation modules for the CorNet programme (see [here](#) for more info.).
- Many users for python prototypes (students, reseach, regulatory authorities such as ACER ([Home | www.acer.europa.eu](#)), Baltic RCC, etc.) using pypowsybl.
- Internally some applications start to be entirely designed with pypowsybl.
- Internally some TSO required studies are performed using pypowsybl (TYNDP).
- CIMDesk (Power Info, [www.powerinfo.us](#)) uses Open Load Flow for CIM-CGMES power flows calculations.

Growth plan

- Commits and committers: we are already 9 committers and members of the TSC. One new member will be elected when the Remedial Action Optimizer (RAO) will be a new feature.
- Release every 2 months, roadmap for next 6 months is updated during TSC meeting.
- Target end-users: we are more working on what could make Powsybl singular.
 - Security of the network: contingency analysis and actions (included complex automatons)
 - Dynamic simulations (with Dynawo [Home | Dynawo \(dynawo.github.io\)](https://dynawo.github.io))
 - Opening Powsybl to real-time or assets management (scenario builder)
 - Increasing pypowsybl perimeter
 - Visualization
- How to find collaborations ?
 - We develop features that don't benefit directly RTE: PSSE converter, Open Loadflow, Powerfactory importer, European Merging Function.
 - We are available to help new users in our slack.

Key Achievements in the past year

- Import, merging and export for CIM-CGMES format (2.4.15 and 3.0) + QoCDC
- Open Loadflow: an industrial power flow, also with security analysis with remedial actions and sensitivity analysis
- Pypowsybl: a python binding based on GraalVM
- A JSON importer and exporter for high performances (IA)
- CIM-CGMES exporter from non CIM-CGMES network
- A network area diagram based on force layout
- The integration of FARAO CASTOR under the governance of the project, renamed « PowSyBl » RAO
- An industrial release process

PowSybl in LFE Archimate

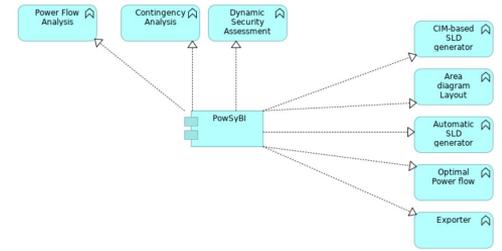
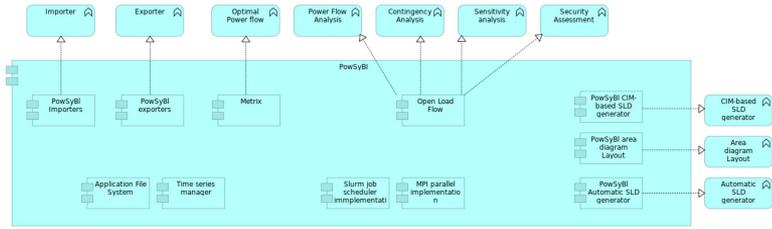
PowSyBl is modelled in LFE Archimate:

<https://lfenergyarchitecturemodel.github.io/lfenergyfunctionalarchitecturemodel/?view=model>

□ Views □ PowSyBl

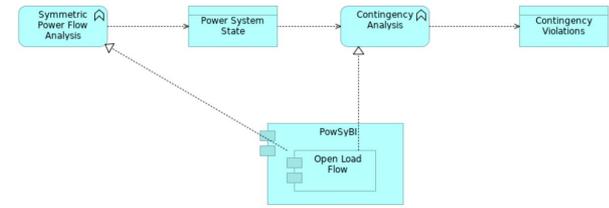
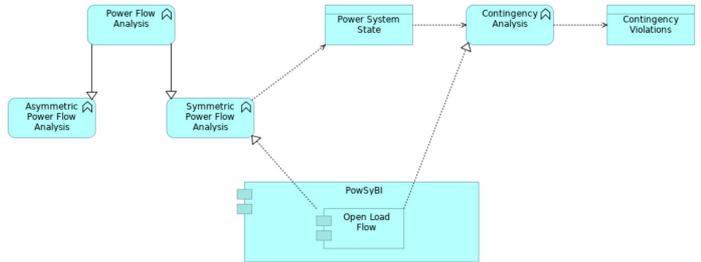
PowSyBl

I



**PowSyBl
OpenLoadFlo**

W



Areas the project could use help on

- Viewer: network/schematic visualisation and single line diagrams of substations
- Security of the network: contingency analysis and actions (including complex automatons)
- Opening Powsybl for real-time or assets management (also called scenario builder)
- Three phase analyses (symmetrical (in incubation) and assymmetrical short-circuits)
- Security

Feedback on working with LF Energy

- LF Energy provides a clear governance to which all contributors accepted to abide.
- LF Energy provides methodology and a clear way of working efficiently and in good collaboration. The code of conduct is quite new for some developers.
- LF Energy provides a good support for communication (social medias, etc.).
- Badging leads the project to be always clean, serious and challenging. And we can provide a clear list of criteria to improve our methods and our project.
- Licence and vulnerability scanning force us to be rigorous.

TAC Open Discussion

FlexMeasures Annual Review

5:50 pm - 6:10 pm

OLFENERGY



Annual Review for
FlexMeasures

Incubation Project review criteria

To be accepted into the Early Adoption stage, a project must meet all the requirements of the Incubation stage plus:

- Demonstrate growth in the project's community, including
 - Growth in the number of commits to the project, number of project committers, and organizational diversity of contributions and committers. → [Three new core committers \(Seita team\), up to 14 overall](#)
 - Production or planned production use of the project by at least two independent end users which, in the TAC's judgement, are of adequate quality and scope. → [Not yet \(known to us\)](#)
- Technical Governance of the project is operational, as measured by:
 - A Technical Steering Committee with at least 5 members and a chairperson elected by the members, holding regular open meetings.
 - → [Not yet \(still just 2 members\)](#)
 - Achievement of the Core Infrastructure Initiative Best Practice badge at the 'Passing' Level → [Done \(see \[here\]\(#\)\)](#)
- Development of a growth plan, to be done in conjunction with their project mentor(s) at the TAC. This plan should address the following points: ([Mentor intro yet to come](#))
 - Release plans for the next 18 months. → [Roadmap](#) full enough, releasing once per 2 month (velocity stable from 2022)
 - Target end-users. → [Persona\(s\) not clear, probably startups](#)
 - Identification of any regulatory or standards body requirements for deployment, and plans for implementation. → [no](#)
 - Plans for growth of project contributors and committers to support the growth plan.
 - [None made. Dissemination via conferences & articles ... but needs better user persona.](#)
 - Since these metrics can vary significantly depending on the type, scope and size of a project, the TAC has final judgement over the level of activity that is adequate to meet these criteria.

FlexMeasures



Brief Description:

FlexMeasures is an intelligent & developer-friendly EMS for real-time energy flexibility behind the meter.

The problem it helps to solve is: What are the best times to run flexible assets, like batteries or heat pumps?

FlexMeasures turns data into optimized schedules for flexible assets, to save CO2 and costs.

TSC Chairperson:

Nicolas Höning (nicolas@seita.nl)

TSC Members and Affiliations:

Felix Claessen (felix@seita.nl)

Contributed by:

Seita Energy Flexibility

Key Links:

Github: <https://github.com/FlexMeasures>

Website: <https://flexmeasures.io/>

Artwork:
<https://artwork.lfenergy.org/projects/flexmeasures/>

Mailing lists:

- <https://lists.lfenergy.org/g/flexmeasures>
- <https://lists.lfenergy.org/g/flexmeasures-tsc>

CII Badge URL:

<https://bestpractices.coreinfrastructure.org/fr/projects/6095>

Releases

8 Nov 2023

V0.17: CONSULTANCY

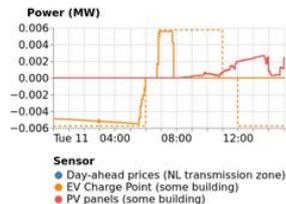


Version v0.17 of FlexMeasures lets you elevate some accounts to be consultants of other accounts. It also increases robustness of scheduling, by using fallbacks. And a new favicon! See changelog...

FULL STORY

1 May 2023

V0.13: OVERLAY CHARTS



Version v0.13 of FlexMeasures lets us create dashboards with multiple graphs from various sensors layered in one plot. In addition, FlexMeasures now includes a proper page for accounts. On the...

FULL STORY

26 Sep 2023

V0.16: PROFITLOSS REPORTER



Version v0.16 of FlexMeasures advances the state of art on reporting by offering a very useful implementation (and a tutorial how to bring it to practice). We also add a...

FULL STORY

4 Jan 2023

V0.12: REPLAY, CUSTOM SCHEDULING

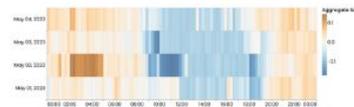


Version v0.12 of FlexMeasures adds a cool re-play feature and support for adding custom scheduling algorithms! Actually, this release is a big one with many small improvements, e.g. the CLI...

FULL STORY

7 Aug 2023

V0.15: PROCESS SCHEDULING & HEATMAP

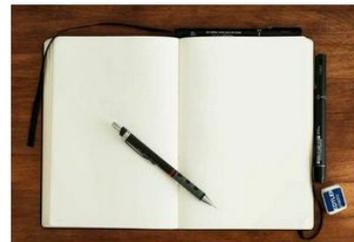


Version v0.15 of FlexMeasures brings the ability to schedule energy processes and adds a new data visualization: Daily activity heatmap. Finally, we add API support for managing sensors. See changelog...

FULL STORY

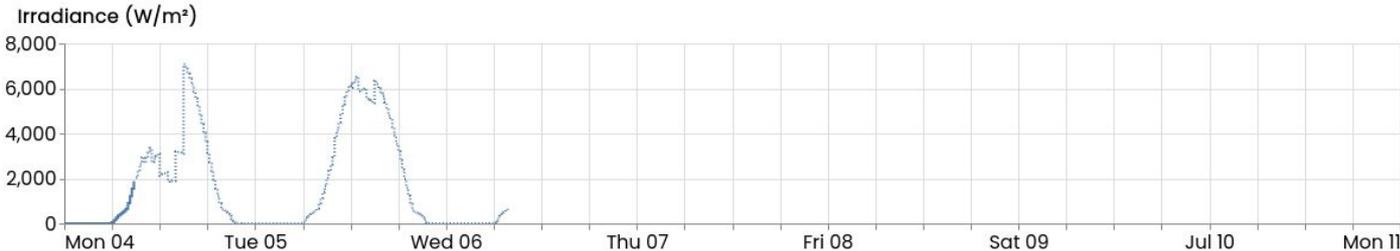
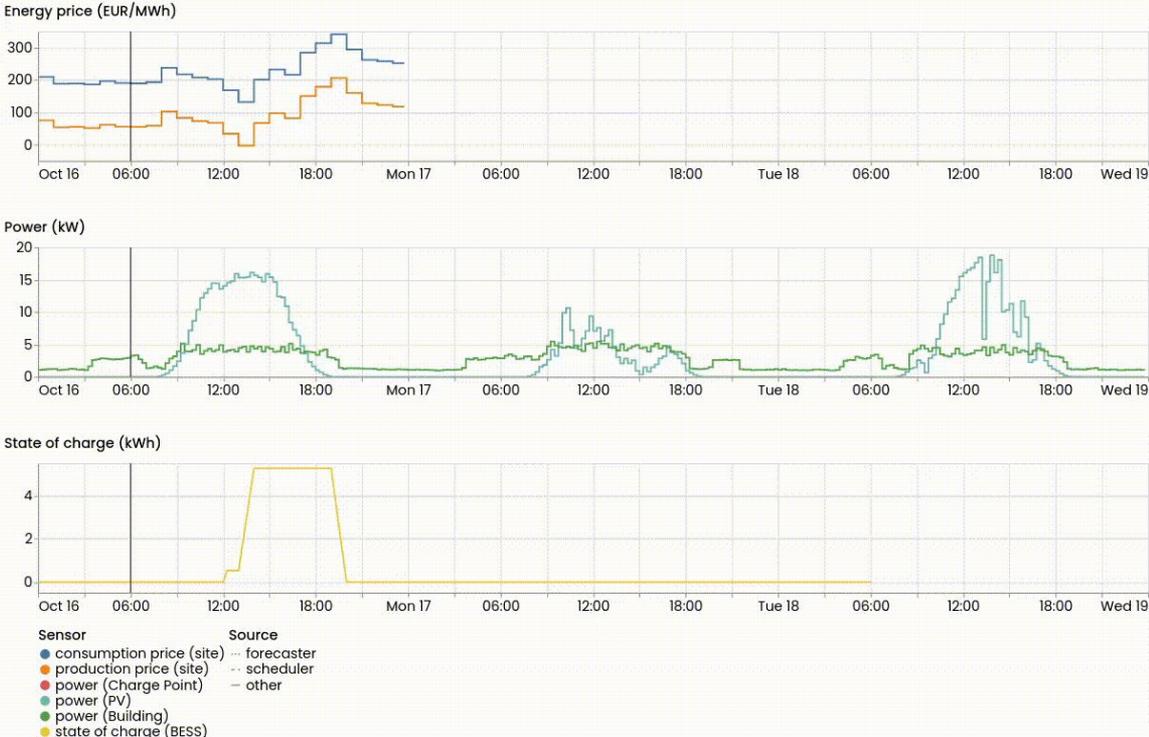
11 Jun 2023

V0.14: REPORTING POWER



Version v0.14 of FlexMeasures begins a major upgrade in reporting capability. Also, this version begins work to support scheduling of heat storage. Finally, we added a bunch of developer support...

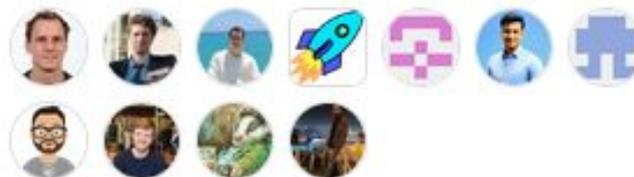
Backends can do well at visuals



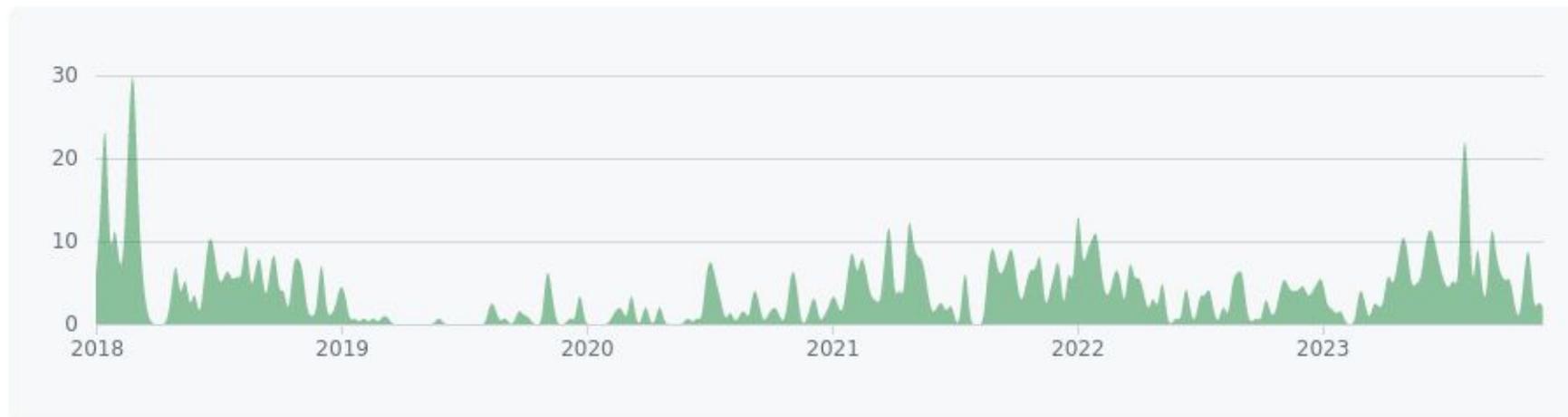
Contributions

Fork 24 Starred 122

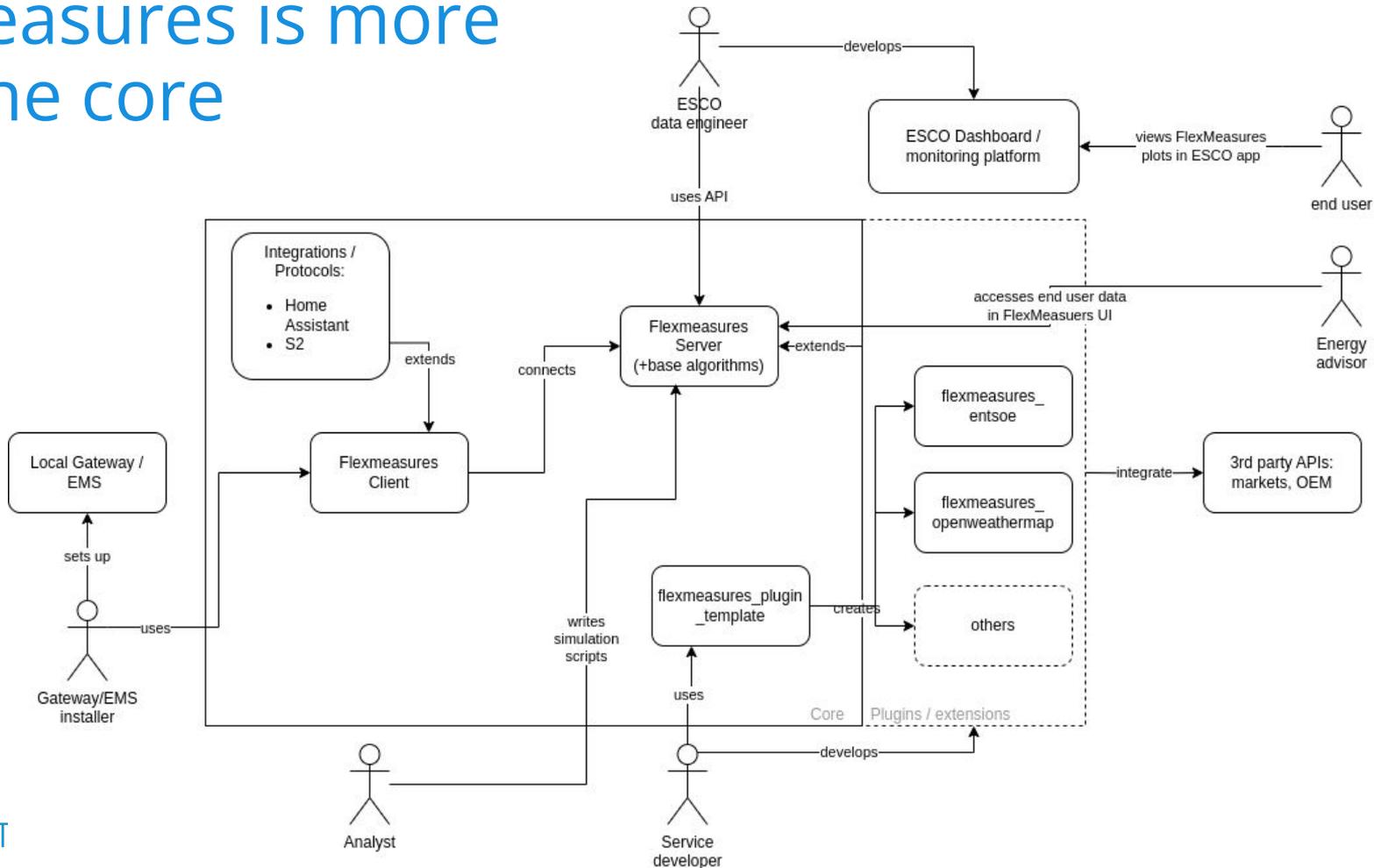
Contributors 14



Contributions to main, excluding merge commits



FlexMeasures is more than the core



Organizations contributing and/or using in production

- Seita and customers/partners (V2G Liberty, pilots) ... industry, e-mobility/storage. Currently: + heating, +digital twin

Growth plan

- More committers and organisations (hand-to-hand combat, ongoing)
- Feature article/blog: What, for who, example
- Keep on releasing & documenting
- More tutorials, support getting started even better
- Support standards (S2, HomeAssistant)

Key Achievements in the past year

- Heat optimization
- (Industry) process optimization
- Reporters
- FlexMeasures Client
- 4 More tutorials
- S2 support (<https://s2standard.org>)
- HomeAssistant integration



S2 Standard



Areas the project could use help on

- Visibility within energy organizations – potentially featured article
- Security checks (ongoing)
- Real user feedback (we did an adoption survey with a couple responses – mostly too early for people to have use case)
-

Feedback on working with LF Energy

- LF Energy's governance provides trust to stakeholders
- I believe solutions with an open source stack (several LFE projects working together) could be interesting showcases
- Getting users who you do not know yet: the elephant in the room.

TAC Open Discussion

Marketing/PR/Events Updates

6:10 pm - 6:15 pm

OLFENERGY

Marketing and PR Updates

dbrown@linuxfoundation.org
+1 415-420-7880

- [Cybersecurity for energy systems white paper](#) is completed and is now live
 - Please help us share the word with this [marketing kit](#)
- Developing Seeed ReCharger case study and webinar with EVerest project (jointly with LF Zephyr project which is also used in the product) - targeting February
- Videos / Webinars - if your projects needs an updated video or would like to host a webinar, please reach out
- Recent media coverage
 - [Power2Drive \(Podcast\) - Open Source & Electromobility: The Future of Charging Infrastructure](#)
 - [TFIR - LF Energy's CoMPAS Project Aims To Help Engineers Configure Substations Automatically](#)
- Use this [form](#) to submit any comms/marketing support requests

Events

- Enlit Europe - 28-30 November
 - RTE and Savoir-Faire Linux will exhibit and present at the event; collateral materials were provided to them to pass out
- EETimes PowerUp - 13 December
 - Anto will be presenting LF Energy generally, along with a SOGNO case study
- LF Energy Summit 2024
 - June 2024 (exact dates TBD)
 - Finalizing location
 - [Preliminary sponsorship prospectus](#) now available - discounts for those who confirm sponsorship before EOY
- FOSDEM 2024 - 3-4 Feb, Brussels
 - Energy Devroom approved for a full day
 - [CFP](#) is open through 1 December - we encourage all projects to apply to speak
 - Also plan to partner with LF Europe on an application to host a stand at the event
- DISTRIBUTECH - 26-29 Feb, Orlando
 - 6 LF Energy members will be exhibiting
 - Plan to have member solutions team onsite for discussions with potential new members
- [Event tracker](#) - please review and add any additional opportunities

Upcoming Event CFPs

- [FOSDEM Energy Devroom - Feb 3, 2024 - Submission deadline Dec 1](#)
- [e-world Energy & Water - Feb 20-22, 2024 - Rolling submission deadline](#)
- [Carbon Tracking & Reporting - March 26-27, 2024 - Rolling submission deadline](#)
- [Energy Thought Summit - April 15-18, 2024 - Rolling submission deadline](#)
- [CIREC Vienna - June 19-20, 2024 - Submission deadline Dec 8](#)
- [MOVE London - June 19-20, 2024 - Rolling submission deadline](#) (for this one, we should email cormac.martin@terrapinn.com with speaking proposals)
- [IEEE PES General Meeting Seattle - July 21-25, 2024 - Submission due Nov 8](#)
- [The Smarter E Europe Conferences Munich \(4 co-located conferences\) - June 18-21, 2024 - Submission due Jan 10](#)

Training Course

Introduction to Open Source for Energy Stakeholders

- Online, self-paced course
- No cost to enroll
- Will pull from existing LF Training courses around open source introduction and best practices
- Need to build additional content specific to energy and LFE projects
- Require a primary SME to lead content development
- Volunteer committee can also assist, but a primary is required

Please share any recommendations for a primary SME with Dan.

Ambassador Program

- Looking at standing up an Ambassador Program for 2024. Examples from other LF projects can be seen at:
 - <https://www.cncf.io/people/ambassadors/>
 - <https://openmainframeproject.org/about/ambassadors/>
- Initially target a group of 10 ambassadors
 - Potential ambassadors will submit an application to be reviewed by the TAC
- Requirements
 - Be active in at least one LF Energy project
 - Conduct at least one activity per quarter to remain an active ambassador
 - Speaking engagements, webinars, videos, blogs, etc.
- Would the TAC like to consider these applications as a whole, or appoint a subcommittee to do so?

Closing and Next Meeting

6:15 pm - 6:20 pm

OLFENERGY

Next TAC Meeting

The next meeting of the LF Energy TAC is scheduled for 19 December 2023 at 8:00 am US Pacific Time/11:00 am US Eastern Time/5:00 pm Central European Time. Agenda will include:

- Annual Review - RTDIP
- Annual Review - EVerest
- Annual Review - Dynawo
- Project Proposal - covXtreme
- General Updates
- Marketing/PR/Events update

To add agenda items, go to <https://github.com/lf-energy/tac/issues/new/choose>.

You can review the TAC Agenda at <https://github.com/orgs/lf-energy/projects/2/views/1>



OLFENERGY