

# Technical Advisory Council (TAC) Meeting

10 March 2026

**OLF**ENERGY

# Meeting information

- Meeting to begin at 5:00 pm Central European Time
- Join the meeting at the link in your calendar in [LFX Individual Dashboard](#)
- 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://tac.lfenergy.org/meetings/>

# 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](https://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 - 5:15 pm - Opening and General Updates
  - TAC member updates and annual review date reminders
  - Project Pipeline
  - Security Audit Prioritization [#408](#)
  - Slack Pro
  - Security Advisory: Active Exploitation of Weak GitHub Actions Configurations [#775](#)
  - FledgePower moving to Emeritus [#137](#)
- 5:15 pm - 5:35 pm - New Project Proposal: LF Energy RegistryOS [#556](#)
- 5:35 pm - 5:45 pm - Marketing and PR Updates
- 5:45 pm - 5:50 pm - Closing and Next Meeting

# Opening and General Updates

5:00 pm - 5:15 pm

**OLF**ENERGY

# Technical Advisory Council (TAC) voting representatives

**OLF**ENERGY



**Antonello Monti**  
Chair  
Professor  
RWTH Aachen  
University



**Art Pope**  
Member of  
Technical Staff  
Google LLC



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



**Frédéric Didier**  
Lead tech  
RTE (Reseau de  
Transport  
dElectricite)



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



**Maarten Mulder**  
PO IoT Field Device  
Platforms  
Alliander

**Moïse K. Kamani**  
Entreprise Architect  
and Head of Open  
Source Program  
Office  
Hydro-Québec



**Peter Mitri**  
Individual - No  
Account



**Sachin Bhakar**  
Strategy Advisor -  
Computational  
Science & Digital  
Innovation  
Shell Energy Retail  
Limited



**Travis Sikes**  
Data Science  
Manager  
Recurve

# Projects

OLF ENERGY



CUPID  
(Controllable  
Unit  
Protocol  
Interface  
for  
DER)



# TAC Meeting Schedule 2026

The TAC meetings are monthly, on the second Tuesday of the month at 8:00am US Pacific Time/11:00am US Eastern Time unless otherwise noted.

- ~~— January 13~~
- ~~— February 10~~
- **March 10**
- April 14
- May 12
- June 9
- July 14
- August 11
- September 8
- October 13
- November 10
- December 8

# Project and Working Group Leads

Name	Chair
Arras	Alyona Teyber
Battery Data Alliance	Gabe Hege
CitrineOS	Thana Paris
CoMPAS	Sander Jansen
Connected Data Specification - Customer Data Working Group (CDS WG3)	Daniel Roesler
Connected Data Specification - Power Systems Data Working Group (CDS WG2)	Stephen Suffian
Connected Data Specification - Registration Working Group (CDS WG1)	Daniel Roesler
covXtreme	Sachin Bhakar
CUPID (Controllable Unit Protocol Interface for DER)	
Dynawo	Marco Chiaramello
EVerest	Marco Möller
FIDOPower	Alyona Teyber
FledgePower	Romain Lebrun Thauront
FlexMeasures	Nicolas Höning
Grid Edge Interoperability & Security Alliance (GEISA)	Michael Stuber, Richard Lam
Grid eXchange Fabric (GXF)	Maarten Mulder

Grid Vantage	Alyona Teyber
Grid2Op	Benjamin Donnot
GridFM	François Mirallès
Hyphae	Arla Barnes
LF Energy Semantic Energy Framework (LFE-SEF)	Barry Nouwt
NODE Collective	Deandrea Salvador
OpenDSM	Travis Sikes
OpenLEADR	Arla Barnes, Stan Janssen, Hugo Van De Pol
OpenSTEF	Daan Van Es
OpenSynth	Gus Chadney
OperatorFabric	Frédéric Didier
ORES (Open Renewal Energy Systems)	Chris Xie
Power Grid Model	Peter Saleminck
Power Stability Wide Area Monitoring Protection (p-SWAMP)	
PowSyBL	Peter Mitri
Real Time Data Ingestion Platform (RTDIP)	Chloe Ching
	Jesús Andrés Rodríguez Sarasty
RTC-Tools	
SC Decarbonisation Hub	Sachin Bhakar
SEAPATH	Eloi Bail
Shapshifter	Robben Riksen
SOGNO	Antonello Monti

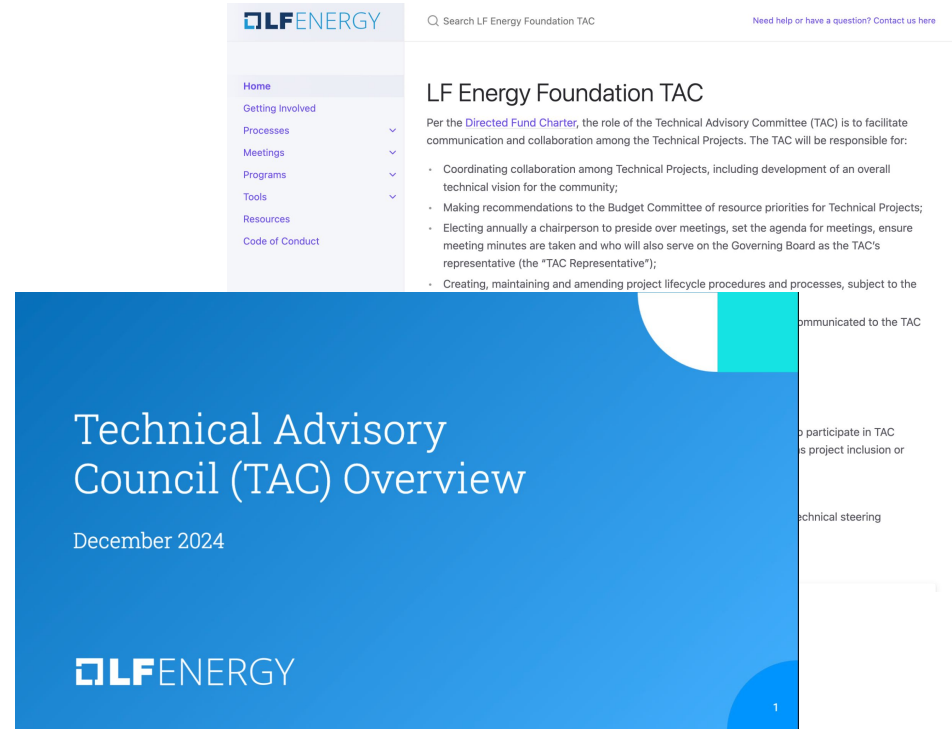
# SIGs and SIG Leaders

<b>Name</b>	<b>Chair</b>
AI SIG	Alexandre Parisot
Edge Interoperability and Flexibility SIG	Robert De Leeuw, Thana Paris
Grid Simulation and Modeling SIG	Thomas Van Dijk
OSPO SIG	Moïse Kameni

# TAC Resources

- TAC Website - <https://tac.lfenergy.org>
  - Contains all the TAC policies and meeting materials, as well as guides to using the various LF Energy tools
- TAC Overview - [https://github.com/lf-energy/foundation/blob/main/overview\\_deck/LF%20Energy%20TAC%20Overview.pdf](https://github.com/lf-energy/foundation/blob/main/overview_deck/LF%20Energy%20TAC%20Overview.pdf)
  - Guide for TAC members on their role and how to navigate LF Energy
- Project Resource Request form - [https://tac.lfenergy.org/tools/resource\\_request.html](https://tac.lfenergy.org/tools/resource_request.html).

Questions/feedback - let us know!



The screenshot shows the LF Energy Foundation TAC website. The header includes the LF Energy logo, a search bar, and a link for help. The main content area is titled "LF Energy Foundation TAC" and lists the role of the TAC as defined in the Directed Fund Charter. A list of responsibilities is provided, including coordinating collaboration, making recommendations to the Budget Committee, electing a chairperson, and creating/amending project lifecycle procedures. A large blue overlay at the bottom of the screenshot contains the text "Technical Advisory Council (TAC) Overview" and "December 2024", along with the LF Energy logo and the number "1".

LF ENERGY

Q Search LF Energy Foundation TAC [Need help or have a question? Contact us here](#)

## LF Energy Foundation TAC

Per the [Directed Fund Charter](#), the role of the Technical Advisory Committee (TAC) is to facilitate communication and collaboration among the Technical Projects. The TAC will be responsible for:

- Coordinating collaboration among Technical Projects, including development of an overall technical vision for the community;
- Making recommendations to the Budget Committee of resource priorities for Technical Projects;
- Electing annually a chairperson to preside over meetings, set the agenda for meetings, ensure meeting minutes are taken and who will also serve on the Governing Board as the TAC's representative (the "TAC Representative");
- Creating, maintaining and amending project lifecycle procedures and processes, subject to the

communicated to the TAC

to participate in TAC  
is project inclusion or

technical steering

# Technical Advisory Council (TAC) Overview

December 2024

LF ENERGY

1

# Annual Review Schedule - TAC

Source:  
[https://tac.lfenergy.org/process/review\\_cycle.html](https://tac.lfenergy.org/process/review_cycle.html)



Name	Last Review Date	Next Review Date
SC Decarbonisation Hub		11/11/2025
SEAPATH	1/14/2025	TBD
<b>LF Energy Semantic Energy Framework (LFE-SEF)</b>	<b>4/23/2024</b>	<b>4/14/2026</b>
<b>Shapeshifter</b>	<b>4/8/2025</b>	<b>4/14/2026</b>
CUPID (Controllable Unit Protocol Interface for DER)	5/13/2025	5/12/2026
OpenDSM	5/13/2025	5/12/2026
SOGNO	5/13/2025	5/12/2026
Grid2Op	2/11/2025	6/9/2026
CoMPAS	6/10/2025	6/9/2026
Grid eXchange Fabric (GXF)	7/8/2025	7/14/2026
Real Time Data Ingestion Platform (RTDIP)	7/8/2025	7/14/2026
Battery Data Alliance	9/2/2025	9/8/2026
OperatorFabric	9/2/2025	9/8/2026
Power Stability Wide Area Monitoring Protection (p-SWAMP)		9/8/2026
RTC-Tools		9/8/2026
Grid Edge Interoperability & Security Alliance (GEISA)	10/14/2025	10/13/2026
Utility Rate Plan Exchange		10/13/2026
AI SIG	11/11/2025	11/10/2026
Connected Data Specification - Customer Data Working Group (CDS WG3)	12/9/2025	12/8/2026
Connected Data Specification - Power Systems Data Working Group (CDS WG2)	12/9/2025	12/8/2026
Connected Data Specification - Registration Working Group (CDS WG1)	12/9/2025	12/8/2026
NODE Collective	12/9/2025	12/8/2026
TROLIE	1/13/2026	1/12/2027
Edge Interoperability and Flexibility SIG	2/10/2026	2/9/2027

# Annual Review Schedule - SIG

SIG Leaders - please share how recent reviews have went, and let us know if the schedule/alignment is still

correct - contact email

[support@lfenergy.org](mailto:support@lfenergy.org)

Source:

[https://tac.lfenergy.org/process/review\\_cycle.html](https://tac.lfenergy.org/process/review_cycle.html)



Name	Last Review Date	Next Review Date	SIG
Grid Vantage	9/26/2023	6/4/2025	Grid Simulation and Modeling
OpenSynth	3/11/2025	3/10/2026	AI
Hyphae	2/11/2025	3/25/2026	Edge Interoperability and Flexibility SIG
covXtreme	4/2/2025	4/1/2026	Grid Simulation and Modeling
Dynawo	10/1/2025	4/1/2026	Grid Simulation and Modeling
ORES (Open Renewal Energy Systems)	4/8/2025	4/22/2026	Edge Interoperability and Flexibility SIG
FIDOPower	6/4/2025	6/3/2026	Grid Simulation and Modeling
OpenLEADR	6/10/2025	6/24/2026	Edge Interoperability and Flexibility SIG
Arras	10/1/2025	10/7/2026	Grid Simulation and Modeling
GridFM	11/19/2025	11/18/2026	AI
PowSyBL	12/3/2025	12/2/2026	Grid Simulation and Modeling
CitrineOS	12/17/2025	12/23/2026	Edge Interoperability and Flexibility SIG

# SIG Meeting Schedule for March

All SIG meetings can be found on the LF Energy calendar ([calendar.lfenergy.org](https://calendar.lfenergy.org)) as well as the SIG Calendar ([sigcalendar.lfenergy.org](https://sigcalendar.lfenergy.org))

Days/times listed are US Eastern Time

→ **SIG Leaders - share any updates for your SIGs**

<a href="#">iCal</a>	<a href="#">Today</a>	<	<b>March 2026</b>	>	<a href="#">Day</a>	<a href="#">4 Days</a>	<a href="#">Week</a>	<a href="#">Month</a>	<a href="#">List</a>
<b>Thursday</b> <b>19</b>									
10:00am - 11:00am	●	OSPO SIG Monthly Meeting							
<b>Tuesday</b> <b>24</b>									
11:00am - 12:00pm	●	LF Energy AI Special Interest Group (SIG) meeting							
<b>Wednesday</b> <b>25</b>									
10:00am - 11:00am	●	Edge Interoperability and Flexibility SIG Monthly Meeting							

# Project Pipeline

<https://github.com/orgs/lf-energy/projects/2/views/5>

- [PowerCore](#) will provide a vendor-agnostic, hardware-generic industrial informatics API for power-electronics systems, enabling portable, maintainable control firmware across diverse microcontroller SoCs. Submitted July 28, 2025; currently in LF Onboarding.
- [Smart HEMS Benchmark](#) will provide an open, standardized, and comprehensive benchmarking framework for residential Distributed Energy Resource (DER) systems, promoting widespread adoption of home and community energy management solutions through transparent performance evaluation and comparison, and advancing innovation and development in the sustainable energy industry. Submitted November 5, 2025 and currently in LF Onboarding.
- [EDDIE \(European Distributed Data Infrastructure for Energy\)](#) aims to develop and maintain open-source, decentralised software infrastructure that enables interoperable, secure, and consent-based access to energy data across systems, jurisdictions, and actors. Submitted January 9, 2026 and currently in LF Onboarding.
- [OneNet Framework](#) - awaiting approval of governance documents
- [GridMind's](#) goal is to enable fast transitions between academic proof-of-concept and real-world application by accommodating both diverse power system tooling/data and state-of-the-art DevOps and MLOps tooling. Submitted February 11, 2026 and currently in LF Onboarding.
- [EnerGNN](#) provides Graph Neural Network implementations tailored for real-life and full-scale energy networks, and accelerate the integration of novel academical implementations into industrial use cases. Submitted February 13, 2026 and currently in LF Onboarding.
- [RAVEN \(Recognition of Asset and Vegetation for Electrical Network\)](#) project is designed to democratize mobile LiDAR-based analytics for overhead electrical distribution networks by providing openly accessible algorithms capable of automatically detecting, modeling, and classifying power distribution assets as well as surrounding vegetation. Submitted March 3, 2026 and currently in LF Onboarding.
- [ReLife](#) is an open source Python library to optimize large-scale infrastructure investment decisions. Submitted March 3, 2026 and currently in LF Onboarding.

# Project Pipeline (cont)

<https://github.com/orgs/lf-energy/projects/2/views/5>

No Longer in Onboarding:

- [Fledge](#) - upstream project being abandoned. FledgePower also planning to move to Emeritus.

Scheduled for TAC Presentation:

- [LF Energy RegistryOS](#) (formerly Global Granular Certificate Registry) is a vendor-neutral, open-source, cloud-native ledger that issues, tracks, and retires Granular Certificates (GCs). Submitted June 11, 2025 and scheduled for TAC Presentation TODAY.

# Slack Pro

The Linux Foundation has negotiated a deal that **all hosted LF projects will have Slack Pro at no cost to the project.**

Both the LF Energy and PowSyBl Slack organizations have been upgraded.



**LF Energy**

lfenergy.slack.com

Your workspace is currently on Slack's **Pro Plan**.

[Learn more](#)



**PowSyBl**

powsybl.slack.com

Your workspace is currently on Slack's **Pro Plan**.

[Learn more](#)

# Security Advisory: Active Exploitation of Weak GitHub Actions Configurations [#775](#)

Please review contents of PR for High Priority advisory on GitHub Actions Configurations

# Security Threat Model Assessment Prioritization [#408](#)

- TAC has an ability to fund up to 5 Security Threat Model Assessments in 2026
- These are “lighter weight” engagements than the previous security audits.
  - Expect 1 hour initial discovery, asynchronous questions via Slack/email, and then time to address any discovered vulnerabilities.
  - Overview of a project recently completing such an assessment -> <https://www.shielder.com/blog/2025/07/materialx-and-openexr-security-audit/>

## **DISCUSSION: Projects to consider for threat model assessment**

Projects:

- CoMPAS ( already requested )
- Power Grid Model ( recently moved to Early Adoption, so likely should consider )
- *Any others?*

# FledgePower moving to Emeritus [#137](#)

FledgePOWER is requesting to move to the Emeritus stage.

**DISCUSSION: Project to detail reasons for moving.**

→ LFX Vote to follow to approve.

# New Project Proposal: LF Energy RegistryOS [#556](#)

5:15 pm - 5:35 pm

**LF**ENERGY

# Marketing/PR/Events Updates

5:35 pm - 5:45 pm

**OLF**ENERGY

# Marketing and PR Updates

- Webinars
  - No current webinars scheduled - please reach out if projects you support would like to do one
- Meetups
  - [Power Grid Model Meetup](#) - May 21, 's Hertogenbosch, the Netherlands
  - PowSyBl Bootcamp (currently invite only) - June 16, Paris
- News
  - [Power Grid Model v1.13.x Released: Expanded Power Flow Modeling and Observability](#)
  - [7 Design Challenges in Behind-The-Meter Orchestration](#)
- Content
  - Series of LFE Summit Europe and FOSDEM session recaps posting regularly at <https://lfenergy.org/newsroom/blog/>
  - The LF Energy Story is now finished; currently undergoing design as a static webpage
- Wikipedia
  - [LF Energy Wikipedia entry](#) has been updated to include more accurate and up to date information
    - Thank you to Marco Moller for coordinating the updates!
- Messaging/website
  - Currently reviewing website and planning updates based on revised messaging
  - New project page templates are nearly finalized, with rollout across all project pages expected to proceed in March
- [Event tracker](#) - please review and add any additional opportunities
- Use this [form](#) to submit any comms/marketing support requests
- See [media coverage spreadsheet](#) or [website](#) for recent articles

# LF Energy Summit

**LF ENERGY** | Develop the Modern  
SUMMIT EUROPE 2026 | Grid, Together

15 - 16 September 2026

Berlin, Germany

#LFEnergySummit

- [Registration now open](#)
- CFP to open on 23 March
- Projects and SIGs are invited to apply for meetup/workshop space on 14 or 17 September [here](#)
- New branding rolled out for the event after 3 years of the former graphics

# Upcoming Event CFPs

## North America

- [EPRI Electrification Conference & Expo](#) - June 23-25, Baltimore - No deadline listed; email [electrification@epri.com](mailto:electrification@epri.com) if interested in applying

## Europe

- [Enlit Europe](#) - Nov 10-12, Vienna - Speaking opps not technically open, however we are engaging directly with their director of content

## Asia

- [Energy Tech Summit Asia](#) - Sept 29-30, Kuala Lumpur - [Speaking proposals due Apr 27](#)

# Closing and Next Meeting

5:45 pm - 5:50 pm

**OLF**ENERGY

# Next TAC Meeting

The following meeting of the LF Energy TAC is scheduled for April 14, 2026 at 4:00 pm Central European Time. Agenda tentatively to include:

- General Updates
- Annual Review: Shapeshifter [#136](#)
- Annual Review: LF Energy Semantic Energy Framework (LFE-SEF) [#132](#)
- 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>



**OLF**ENERGY