Technical Advisory Council (TAC) Meeting

13 May 2025

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Meeting information

➔ Meeting to begin at 4:00 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://wiki.lfenergy.org/display/HOME/Technical+Advisory+Council#TechnicalAdvisoryCouncil-MeetingMinutes

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Agenda

All Times in Central European Time Zone

- 5:00 pm - 5:15pm - Opening and General Updates
  - TAC member updates and project review date reminders
  - Project Pipeline and Previously TAC approved projects stalled in LF onboarding (https://github.com/lf-energy/tac/issues/390)
  - TAC Priorities 2025 review (https://github.com/lf-energy/tac/issues/436)
  - TAC resources
- 5:15 pm - 5:35 pm - New Project Proposal - CUPID (https://github.com/lf-energy/tac/issues/383)
- 5:35 pm - 5:55 pm - SONGO Annual Review (https://github.com/lf-energy/tac/issues/75)
- 5:55 pm - 6:15 pm - Battery Data Alliance Annual Review (https://github.com/lf-energy/tac/issues/57)
- 6:15 pm - 6:25 pm - Marketing/PR/Events updates
- 6:25 pm - 6:30 pm - Closing and Next Meeting

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Opening and General Updates

5:00 pm - 5:15 pm

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Technical Advisory Council (TAC)
voting representatives

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)

Bryce Bartmann
Chief Digital Technology Advisor
Shell International Exploration & Production, Inc.

Clément Bouvier
Software engineer
RTE (Reseau de Transport dElectricite)

Jonas van den Bogaard
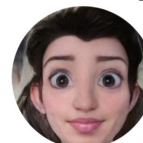Vice Chair
Open Source Office Lead
Alliander

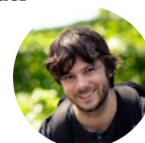**Maarten Mulder**
PO IoT Field Device Platforms
Alliander

Moise Kameni
Entreprise Architect and Head of Open Source Program Office
Hydro-Québec

Sophie Frasnedo
Software developer
RTE (Reseau de Transport dElectricite)

Travis Sikes
Data Science Manager
Recurve

Yixing Xu
Senior Program Manager, Energy Strategy
Microsoft Corporation

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Projects

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TAC Meeting Schedule 2025

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.

- ~~February 11~~
- ~~March 11~~
- ~~April 8~~
- **May 13**
- June 10
- July 8
- *September 2 (one week earlier)*
- *September 9 (joint meeting with GB - 4:00pm CET at LF Energy Summit)*
- October 14
- November 11
- December 9

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Project and Working Group Leads

Name	Chair
Arras	David Chassin
Battery Data Alliance	Gabe Hege
CDSC Connectivity WG (WG3)	Daniel Roesler
CDSC Customer Data WG (WG1)	Daniel Roesler
CDSC Power System Data WG (WG2)	Stephen Suffian
CitrineOS	Thana Paris
CoMPAS	Sander Jansen
covXtreme	Sachin Bhakar
Dynaωo	Marco Chiaramello
EVerest	Marco Möller
FIDOPower	David Chassin
FledgePower	Akli Rahmoun
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	Arila Barnes
NODE Collective	Deandrea Salvador
OpenDSM	Travis Sikes
OpenLEADR	Arila Barnes, Hugo Van De Pol, Stan Janssens
OpenSTEF	Daan Van Es
OpenSynth	Gus Chadney
OperatorFabric	Frédéric Didier
ORES (Open Renewal Energy Systems)	Chris Xie
Power Grid Model	Tony Xiang
PowSyBl	Sophie Frasnedo
Real Time Data Ingestion Platform (RTDIP)	Bryce Bartmann
SC Decarbonisation Hub	Sachin Bhakar
SEAPATH	Eloi Bail
Shapeshifter	Robben Riksen
SOGNO	Antonello Monti
TROLIE	Christopher Atkins

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SIGs and SIG Leaders

Name	Chair
AI SIG	Alexandre Parisot
Digital Substations SIG	Jos Zenner, Maxime Pelletier
EV Charging SIG	Robert Leeuw, Thana Paris
Grid Simulation and Modeling SIG	Thomas Van Dijk

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
  - Guide for TAC members on their role and how to navigate LF Energy

Questions/feedback - let us know!

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

Technical Advisory Council (TAC) Overview

December 2024

Annual Review Schedule - TAC

Source:
https://tac.lfenergy.org/process/review_cycle.html

Name	Last Review Date	Next Review Date
CDSC Connectivity WG (WG3)		
CDSC Customer Data WG (WG1)		
CDSC Power System Data WG (WG2)		
Battery Data Alliance	8/27/2024	5/13/2025
SOGNO	4/23/2024	5/13/2025
Grid eXchange Fabric (GXF)	9/18/2024	6/10/2025
OpenDSM	9/17/2024	6/10/2025
SC Decarbonisation Hub		6/10/2025
NODE Collective	4/2/2024	7/8/2025
OpenLEADR	11/23/2021	7/8/2025
Real Time Data Ingestion Platform (RTDIP)	1/30/2024	7/8/2025
OperatorFabric	7/16/2024	9/2/2025
Grid Edge Interoperability & Security Alliance (GEISA)		10/14/2025
GridFM	10/29/2024	10/14/2025
FlexMeasures	11/20/2024	11/11/2025
TROLIE		12/9/2025
Grid2Op	2/11/2025	2/10/2026
Hyphae	2/11/2025	2/10/2026
OpenSynth	3/11/2025	3/10/2026
ORES (Open Renewal Energy Systems)	4/8/2025	4/14/2026
Shapeshifter	4/8/2025	4/14/2026

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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

Source:
https://tac.lfenergy.org/process/review_cycle.html

Name	Last Review Date	Next Review Date	SIG
FledgePower	6/4/2024	5/13/2025	Digital Substations
FIDOPower	1/30/2024	6/4/2025	Grid Simulation and Modeling
Grid Vantage	9/26/2023	6/4/2025	Grid Simulation and Modeling
CoMPAS	6/25/2024	6/10/2025	Digital Substations
Dynawo	1/30/2024	6/25/2025	Grid Simulation and Modeling
Arras	7/16/2024	9/3/2025	Grid Simulation and Modeling
CitrineOS	11/27/2024	11/26/2025	EV Charging
PowSyBl	12/4/2024	12/3/2025	Grid Simulation and Modeling
SEAPATH	1/14/2025	1/13/2026	Digital Substations
EVerest	1/22/2025	1/28/2026	EV Charging
OpenSTEF	2/5/2025	2/4/2026	Grid Simulation and Modeling
Power Grid Model	2/5/2025	2/4/2026	Grid Simulation and Modeling
covXtreme	4/2/2025	4/1/2026	Grid Simulation and Modeling

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Project Pipeline

- RTC-Tools is a mature, leading open-source solution for the operational optimization of water and energy systems. Contributed by Deltares and Shell. Working through licensing issues, and aim to have TAC review in 1H.
- CityLearn is an open source Farama Foundation Gymnasium environment for the implementation of advanced controllers for demand side building energy coordination and demand response in cities. It's focus is on residential buildings with the goal to shape the aggregated load profile using local and coordinated DERs. Submitted April 23, 2025; currently in LF Onboarding
- [LFC (Load Frequency Controller)](LFC) provides TSO-s simple open source tool for aFRR reserves activation. Submitted May 1, 2025; currently in LF Onboarding

Status for older projects in onboarding (https://github.com/lf-energy/tac/issues/390)

- Interconnect SIF - closing out governance questions
- OneNet Framework - moving to LF Europe

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TAC Priorities as aligned to with TAC

DONE

✓ Move to monthly TAC meetings instead of every 3 weeks
✓ Start office hours for SIG leaders to share best practices (working on date/time reschedule)
✓ Spin down Data Standards and Tooling and Grid Operations SIGs
✓ Move affected project annual reviews to the TAC
✓ Security Audits - TAC align on two projects to prioritize (EVerest, PowSyBL)
✓ Project workshops with LF Energy Summit (tentatively Sep 10-11 in Aachen, Germany)
✓ Revisit TAC Leadership structure
✓ Project landscape https://landscape.lfenergy.org/ - Update this to reflect the latest projects and how we want to message the ecosystem

CURRENT FOCUSES

● Plan for TAC to allot funding/resources for hosted projects for cloud infrastructure and other needs
● Documentation audit/support

NEXT FOCUSES

● Include LFESS Working Groups in TAC annual review process.
● Security Audits - TAC to prioritize next project(s) to focus on (Determine prioritization for Security Audits #408)
● Project Lifecycle - Review and make adjustments to align with current project needs (last changes made in 2021)
● Assemble and execute on a plan to inject fresh energy and increase engagement with the TAC

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TAC Priorities Current Focuses action items

- Documentation audit/support
    - Meeting scheduled for **May 20 @ 8am PDT/11am EDT** (link - add to calendar if you want to attend)
- Plan for TAC to allot funding/resources for hosted projects for cloud infrastructure and other needs (https://github.com/lf-energy/tac/issues/477)
    - Immediate action, we are freezing any cloud infrastructure spend for Sandbox projects.
    - Initial plan for TAC to take in funding requests and allocate funds based on needs/project maturity (https://github.com/lf-energy/tac/pull/516) - please review and provide feedback.
    - Will present finalized plan in June TAC meeting

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SONGO Annual Review

5:35 pm - 5:55 pm

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Battery Data Alliance Annual Review

https://github.com/lf-energy/tac/issues/57
5:55 pm - 6:15pm

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Marketing/PR/Events Updates

6:15 pm - 6:25 pm

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Marketing and PR Updates

- Webinars
  - [Power Grid Model meetup](#) scheduled for May 21
  - No other webinars currently scheduled - we're looking for projects to present!
- Project News
  - [CitrineOS announced OCPP 1.6 support](#)
  - [LF Energy OpenSynth v0.0.6: New Features and Enhancements](#)
  - [Powering Up Open Innovation: Grid2Op Joins LF Energy](#)
  - [OperatorFabric v4.7.0 Adds Ability to Define Custom Screens](#)
- New Project Launches
  - [Grid2op](#) page is live
  - GRIP rebranded as [Grid Vantage](#)

- Content
  - [Momentum press release](#) issued April 22, announcing new members, Grid2op project, and more
  - Blogs
    - [SGT25 Session Recap: Virtualization and the Future of Substations: RTE's R#SPACE Project](#)
    - [Power Grid Model: Empowering Energy Transition thru Fast & Flexible Network Simulation](#)
    - Ambassadors are collaborating on a new white paper on open source for energy systems
      - Targeting release in the summer
  - Contributed articles in final review stage around digital sovereignty and TROLIE
- Website
  - Revamp of project pages has started, despite delay on new template from web team (now estimated in early June)
    - See [EVerest](#) example
- [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

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LF Energy Summit Europe

- https://events.linuxfoundation.org/lfenergysummit/
- Sep 10-11 in Aachen, Germany
- CFP open through May 25
  - Some suggested types of submissions from projects include:
    - Real life use case stories (e.g. how X project drove X results)
    - Live project demonstrations
    - Best practices for getting the most out of a particular project (e.g. how to use X project to solve X problem)
    - How different projects work together or tie into each other
    - Project development roadmaps
- Sponsorships are coming in!
  - Savoir-faire Linux at Silver ($5k)
  - Google at Platinum ($15k)
  - INESC TEC at Platinum ($15k)
  - Soptim at Platinum ($15k) + lanyards ($5k)
  - Accenture at Diamond ($20k)
  - Achieved $75k of sponsorship goal of $80k
  - Red Hat and Hitachi considering sponsoring as well

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LF Energy Summit Europe

- Looking for keynote speakers, ideally one utility / grid operator and one vendor. Ideas?
- How do we ensure this event more than just a series of one-way presentations, but a place to connect and discuss?

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Other 2025 LFE-hosted Events

- Open EV Charging Workshop at CharIN testival
  - May 15, 2025 – Detroit, USA
  - Goal: leverage existing industry event to increase awareness in LF Energy EV charging projects, attracting new adopters and contributors
- LF Energy Summit North America
  - Oct 3, 2025 – Montréal, Québec
  - Goal: at the end of CIGRE, provide a forum for North American LFE community members to convene in person. Also, attract new collaborators to the community.
  - Currently curating the agenda
  - [Registration now open](#)
- OSPOlogy Live France
  - Nov 5-6 (tentative) - Lyon, France
  - Hosted by RTE
  - This is actually organized by the TODO Group in partnership with LF Energy.
  - Goal: educate utilities and other energy stakeholders on open source best practices
  - Currently in planning phase with TODO Group and RTE

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Closing and Next Meeting

6:25 pm - 6:30 pm

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Next TAC Meeting

The next meeting of the LF Energy TAC is scheduled for 13 May 2025 at 8:00 am US Pacific Time/11:00 am US Eastern Time/5:00 pm Central European Time. Agenda will include:

- General Updates
- SONGO Annual Review
- Battery Data Alliance Annual Review
- New Project Proposal - CUPID
- 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

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