Technical Advisory Council (TAC) Meeting

09 December 2025

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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/

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Agenda

All Times in Central European Time Zone

- 5:00 pm - 5:20 pm - Opening and General Updates
  - TAC member updates and annual review date reminders
  - SIG updates - Digital Substations
  - Project Pipeline
  - TAC Priorities 2025 #436
  - Project Origin update #576
  - Digital Substations SIG Update #89
- 5:20 pm - 5:30 pm - Proposal for SBOM + SigStore + SWHID for LF Energy Releases #653
- 5:30 pm - 5:50 pm - Annual Review: CDS Working Groups
  - Customer Data Working Group (CDS WG1) #512,
  - Power Systems Data Working Group (CDS WG2) #513
  - Registration Working Group (CDS WG3) #511
- 5:50 pm - 6:10 pm - Annual Review: NODE Collective #108
- 6:10 pm - 6:20 pm - Marketing and PR Updates
- 6:20 pm - 6:30 pm - Closing and Next Meeting

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Opening and General Updates

5:00 pm - 5:10 pm

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Technical Advisory Council (TAC)

voting representatives

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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. Kameni

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

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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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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

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Project and Working Group Leads

Name	Chair
Arras	David Chassin
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)	
Dynaωo	Marco Chiaramello
EVerest	Marco Möller
FIDOPower	David Chassin
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	Arila Barnes
LF Energy Semantic Energy Framework (LFE-SEF)	Barry Nouwt
NODE Collective	Deandrea Salvador
OpenDSM	Travis Sikes
OpenLEADR	Arila 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 Salemink
PowSyBL	Peter Mitri
Real Time Data Ingestion Platform (RTDIP)	Chloe Ching
RTC-Tools	Jesús Andrés Rodríguez Sarasty
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
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
  - 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.

Questions/feedback - let us know!

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Annual Review Schedule - TAC

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

Name	Last Review Date	Next Review Date
SC Decarbonisation Hub		TBD
Connected Data Specification - Customer Data Working Group (CDS WG3)		*12/9/2025*
Connected Data Specification - Power Systems Data Working Group (CDS WG2)		*12/9/2025*
Connected Data Specification - Registration Working Group (CDS WG1)		*12/9/2025*
Digital Substations SIG		*12/9/2025*
NODE Collective	*4/2/2024*	*12/9/2025*
Edge Interoperability and Flexibility SIG		**1/13/2026**
Grid Simulation and Modeling SIG		**1/13/2026**
TROLIE	**9/6/2023**	**1/13/2026**
LF Energy Semantic Energy Framework (LFE-SEF)	4/23/2024	3/10/2026
OpenSynth	3/11/2025	3/10/2026
Grid2Op	2/11/2025	4/14/2026
Shapeshifter	4/8/2025	4/14/2026
OpenDSM	5/13/2025	5/12/2026
SOGNO	5/13/2025	5/12/2026
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
Grid Edge Interoperability & Security Alliance (GEISA)	10/14/2025	10/13/2026
AI SIG	11/11/2025	11/10/2026

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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
Grid Vantage	9/26/2023	6/4/2025	Grid Simulation and Modeling
PowSyBL	12/4/2024	12/3/2025	Grid Simulation and Modeling
SEAPATH	1/14/2025	1/13/2026	Digital Substations
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
Dynaωo	10/1/2025	4/1/2026	Grid Simulation and Modeling
CoMPAS	6/10/2025	6/2/2026	Digital Substations
FledgePower	6/10/2025	6/2/2026	Digital Substations
FIDOPower	6/4/2025	6/3/2026	Grid Simulation and Modeling
Arras	10/1/2025	10/7/2026	Grid Simulation and Modeling

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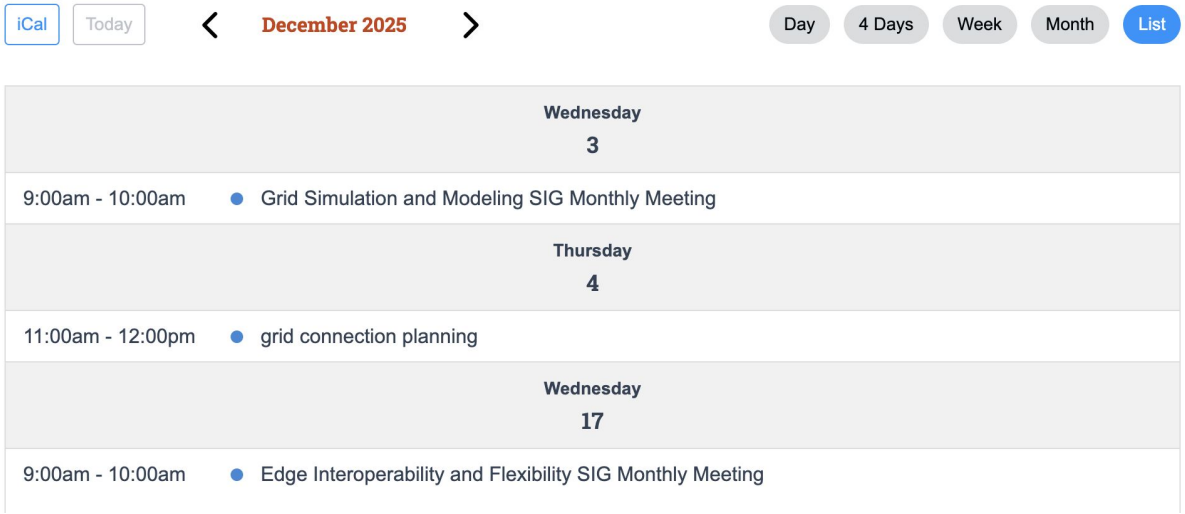
SIG Meeting Schedule for December

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

Days/times listed are US Eastern Time

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



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Project Pipeline

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

- 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; currently in LF Onboarding.
- 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.
- AINETUS, open source artifacts from AI4REALNET, aims to develop AI-based solutions addressing critical systems (electricity, railway, and air traffic management), but electrical power grids in particular, modelled by networks that can be simulated, and are traditionally operated by humans, and where AI systems complement and augment human abilities. Currently in LF Onboarding and preparing project proposal.

In discussion with FledgePower

- Fledge is a leading open source industrial edge platform for industrial data pipelines, intelligent edge applications and ML. Currently an LF Edge Foundation project, in discussions to move into LF Energy

To be presented at next TAC meeting (1/13)

- 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; will be presented at the January 13, 2026 TAC meeting.

Older projects in LF Onboarding

- OneNet Framework - awaiting approval of governance documents
- pyELQ: python Emission Localization and Quantification - working on name rights issues

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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
- ✓ Include LFESS Working Groups in TAC annual review process.
- ✓ Process for projects to request resources/funding for cloud infrastructure (https://github.com/lf-energy/tac/issues/477)
- ✓ Improve SIG support and interface to the TAC (https://github.com/lf-energy/tac/issues/544)

CURRENT FOCUSES

- Documentation audit/support (#546) - anything else before we merge?
- Determine prioritization for Security Audits (#408)
  - TAC aligned during October meeting on pursuing "lighter-weight security threat model reviews"
  - Ask from TSC project leads - which projects are interested (likely accept up to 5)
- Project Lifecycle review/refresh (#650)
  - LAST CALL: Add your feedback to the issue above.
  - Will have proposal for January 2026 meeting

NEXT FOCUSES

- Assemble and execute on a plan to inject fresh energy and increase engagement with the TAC

Plan for January - 2026 TAC Priorities

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Project Origin Update #576

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Digital Substations SIG Update #89

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SBOM + SigStore + SWHID for LF Energy Releases #653

5:20 pm - 5:30 pm

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Annual Review: CDS Working Groups

- Customer Data Working Group (CDS WG1) #512,
- Power Systems Data Working Group (CDS WG2) #513
- Registration Working Group (CDS WG3) #511

5:30 pm - 5:50 pm

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Annual Review: NODE Collective #108

5:50 pm - 6:10 pm

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Marketing/PR/Events Updates

6:10 pm - 6:20 pm

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Marketing and PR Updates

- Webinars
  - SEAPATH webinar took place 13 November
  - CoMPAS webinar scheduled for 3 December
- News
  - OperatorFabric 4.10.0 Release: Enhances process monitoring, UI performance, and interoperability across grid operations
  - Series of LFE Summit Europe session recaps posting regularly at https://lfenergy.org/newsroom/blog/
- Content
  - Videos from LF Energy Summit NA will be live soon
  - Developing piece on “The LF Energy Story” - thanks to all who submitted
  - Coordinating with Alliander on OpenSTEF 4.0 launch campaign in early 2026
- Website
  - Content updates to project pages complete; awaiting new page template from web team
- 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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2025 LFE-hosted Events

- OSPOlogy Live France
  - Nov 5-6 - Lyon, France
  - Hosted by RTE
  - Great turnout and conversations
  - Summaries of sessions and roundtable discussions available at https://github.com/todogroup/ospology/discussions/696
- LF Energy Summit Europe 2026
  - Targeting week of September 13, 2026
  - Expect to have a venue finalized soon

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Third-Party Events

- Enlit Europe
  - Nov 18-20 - Bilbao, Spain
  - Sessions were all successful and well attended
  - Happy hour had a great turnout and conversations
  - Recap blog in progress
- FOSDEM
  - Jan 31-Feb 1 - Brussels, Belgium
  - Energy devroom accepted for all day Saturday
  - LF Europe is organizing a happy hour
- DISTRIBUTECH
  - Feb 2-5 - San Diego, CA, USA
  - LF Energy to host a booth, sponsored by Aetheros, focused on GEISA
  - Will include spaces for Savoir-faire Linux and Southern California Edison
  - We will likely host a happy hour as well

Closing and Next Meeting

6:20 pm - 6:30 pm

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Next TAC Meeting

The following meeting of the LF Energy TAC is scheduled for January 13, 2026 at 4:00 pm Central European Time
Agenda tentatively to include:

- General Updates
- New Project Proposal: CityLearn #506
- Annual Review: TROLIE #79
- Annual Review: Edge Interoperability and Flexibility SIG #458
- 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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