Technical Advisory Council (TAC) Meeting

29 October 2024

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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

- 4:00 pm - 4:10 pm - Opening and General Updates
  - TAC member updates and project review date reminders
  - General updates
  - Project Security Focus updates
  - TAC Evolution Plan Update
- 4:10 pm - 4:30 pm - GridFM Presentation
- 4:30 pm - 4:50 pm - AI SIG Annual Review
- 4:50 pm - 5:10 pm - Archimate SIG Review
- 5:10 pm - 5:25 pm - Marketing/PR/Events updates
- 5:25 pm - 5:30 pm - Closing and Next Meeting

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Opening and General Updates

4:00 pm - 4:10 pm

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TAC Voting Members

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

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.

Jonas van den Bogaard

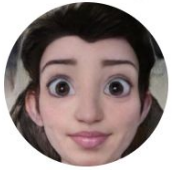
Open Source Office Lead

Alliander

Maarten Mulder

PO IoT Field Device Platforms

Alliander



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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LF Energy Projects

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SIG - Digital Substations (3)

SIG - EV Charging (2)

SIG - Grid Operations (8)

SIG - Grid Simulation and Modeling (8)

SIG - Data Standards and Tooling (6)

LF Energy Hosted Project Leads

Project	Project Lead(s)
Arras	David Chassin
Battery Data Alliance	Gabe Hege, AMPLabs
CitrineOS	Thana Paris, S44
CoMPAS	Pascal Wilbrink Alliander & Sander Jansen, Alliander (TAC Representative)
covXtreme	Sachin Bhakar, Shell
Dynawo	Marco Chiaramello, Benoît Jeanson, RTE
EVerest	Marco Möller, PIONIX
FledgePOWER	Romain Lebrun-Thauront, RTE
FlexMeasures	Nicolas Höning, Seita Energy Flexibility B.V.
Grid Capacity Map	Harald Klomp, Vattenfall
GRIP	Alyona Teybar, MASc

Project	Project Lead(s)
GXF	Maarten Mulder, Alliander
Hyphae	Sophie Frasnedo
InterConnect SIF	Milenko Tosic, VizLore Labs
NODE Collective	DeAndrea Salvador
OneNet Framework	
OpenEEmeter	Travis Sikes, Recurve
OpenFIDO	David Chassin, SLAC
OpenGEH	Nicolas Bernhardi, Energet
OpenLEADR	Hugo van de Pol, Arila Barnes
OpenSTEF	Frank Kreuwel, Alliander
OpenSynth	Gus Chadney, Centre for Net Zero

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Project & Working Group Leads

Project	Project Lead(s)
OperatorFabric	Frederic DIDIER, RTE
Power Grid Model	Tony Xiang, Alliander
PowSyBl	Anne Tilloy, RTE
Real Time Data Ingestion Platform (RTDIP)	Bryce Bartmann, Shell
SC Decarbonisation Hub	
SEAPATH	Éloi Bail, Savoir-faire Linux
Shapeshifter	Robben Riksen, Alliander
SOGNO	Antonello Monti, RWTH Aachen University (TAC Representative) & Fito Galeano, RWTH Aachen University

SIG / Working Group	Work Group Lead(s)
AI SIG	Alexandre Pariost, The Linux Foundation
Archimate SIG	Jonas van den Bogaard, Alliander
ORES (Open Renewable Energy Systems)	Chris Xie, Futurewei

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New Project Review Cycle

Grid Operations SIG - Mtgs every other month, 3rd Wednesday				
Project	Current Level	Initially Accepted	Last Review Date	Next Review Date
FlexMeasures	Incubation	2022-01-05	2023-11-28	2024-11-20
RTDIP	Sandbox	2024-06-04	2024-01-30	2025-01-15
SOGNO	Early Adoption	2021-03-11	2024-04-23	2025-03-19
Shapeshifter	Incubation	2021-10-04	2024-05-14	2025-05-21
FledgePower	Incubation	2021-02-16	2024-06-04	2025-05-21
OperatorFabric	Early Adoption	2019-04-30	2024-07-16	2025-07-16
OpenLEADR	Incubation	2021-08-03	2021-11-23	2025-09-17
GXF	Early Adoption	2020-02-04	2024-09-18	2025-09-17

EV Charging SIG - Monthly, 4th Wednesday				
Project	Current Level	Initially Accepted	Last Review Date	Next Review Date
CitrineOS	Sandbox	2023-11-28		2024-11-27
EVerest	Early Adoption	2021-10-12	2024-01-09	2025-01-22

Digital Substations - Monthly, 2nd Tuesday				
Project	Current Level	Initially Accepted	Last Review Date	Next Review Date
Seapath	Early Adoption	2020-10-06	2023-12-19	2024-12-10
FledgePOWER	Incubation	2021-02-11	2024-06-04	2025-05-13
CoMPAS	Incubation	2020-05-05	2024-06-25	2025-06-10

New Project Review Cycle

Grid Simulation and Modeling - Mtgs every other month, 1st Wednesday				
Project	Current Level	Initially Accepted	Last Review Date	Next Review Date
PowSyBl	Early Adoption	2019-04-30	2023-11-28	2024-12-04
OpenSTEF	Incubation	2021-09-21	2023-11-07	2025-02-05
Power Grid Model	Sandbox	2023-02-07	2024-02-20	2025-02-05
covXtreme	Sandbox	2023-12-19		2025-04-02
Dynawo	Sandbox	2022-12-06	2024-01-30	2025-06-04
Arras	Sandbox	2022-07-12	2024-07-16	2025-09-03
Grid Capacity Map	Incubation	2021-04-27	2023-10-17	TBD
GRIP	Sandbox	2023-09-26		TBD

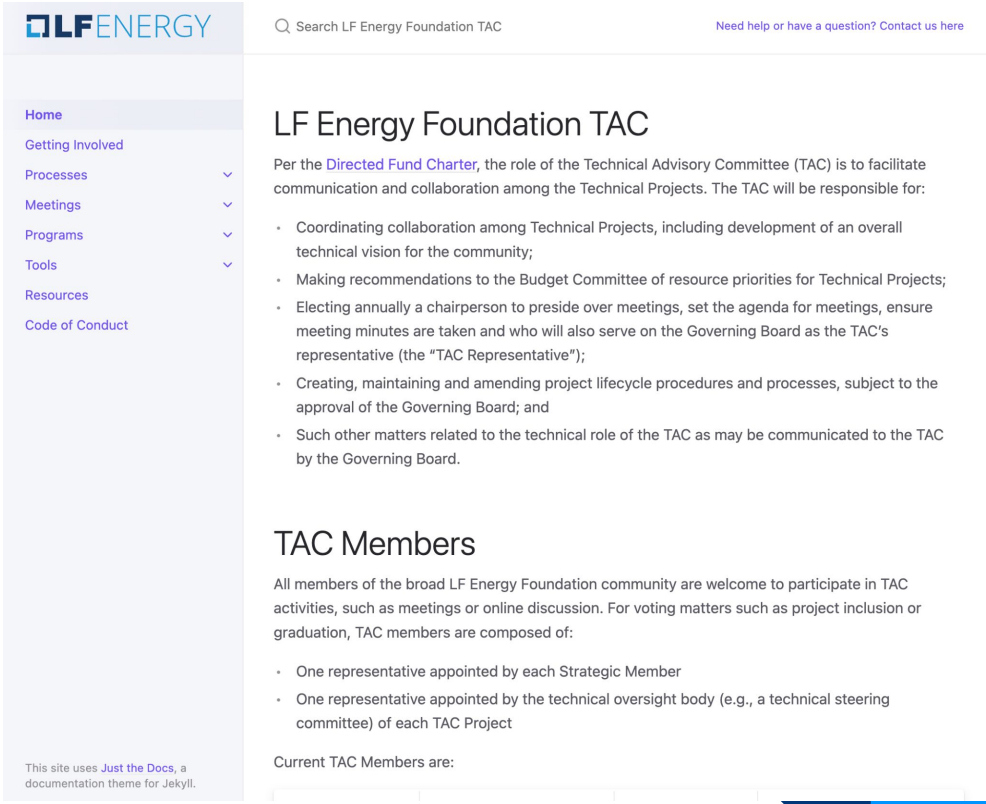
Data Standards and Tooling - Mtgs every other month, 2nd Thurs.				
Project	Current Level	Initially Accepted	Last Review Date	Next Review Date
OpenDSM	Incubation	2019-06-04	2024-09-17	2024-11-14
TROLIE	Working Group			2024-11-14
OpenSynth	Sandbox	2024-01-09		2025-01-09
Battery Data Alliance	Incubation	2023-09-05	2024-08-27	2025-07-10
SC Decarbonization Hub	Sandbox	2024-08-27		2025-09-11
CDSC	Working Group			TBD
Super Advanced Meter	Working Group			TBD

Projects in LF Onboarding

- Grid Edge Interoperability & Security Alliance (GEISA) - presenting today
- GridCal - working on rename and relicensing
- python Emission Localization and Quantification (pyELQ)

New TAC Website

- We have finished the migration to tac.lfenergy.org 🎉.
- Any changes can be made via PR at https://github.com/lf-energy/tac/
- Previous wiki pages will have links to redirect to the new pages.
- Questions/feedback - let us know!



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GridFM Presentation

4:10 pm - 4:30 pm

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AI SIG Review

4:30 pm - 4:50 pm

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Archimate SIG Review

4:50 pm - 5:10 pm

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Marketing/PR/Events Updates

5:10 pm - 5:25 pm

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Marketing and PR Updates

- Webinars
  - Grid Capacity Map webinar scheduled for 14 November
  - TROLIE webinar scheduled for 20 November
  - GridChat (Arras) webinar likely to occur in January
- Content
  - BalticRCC/PowSyBl case study published
  - JEA/FledgePOWER case study in process
  - emsys/PowSyBl case study in process
- Media Relations
  - Looking to ramp up earned media coverage, particularly with energy/utility trade outlets; some of your orgs/projects will hear from Dan to request participation in contributed articles
- 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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Events

- 2025 events plan
  - LF Energy Summit 2025 (Europe) - Finalizing venue options and dates
    - Sponsorship prospectus now available
    - 2024 post event report also available
  - Partnering with Charin on an EV charging event near Detroit at the American Center for Mobility - 15 May 2025
  - European OCA Plugfest - hosted by PIONIX in May, one day dedicated to open source EV charging conference
  - Data-focused event around SF Climate Week (19-27 April 2025), hosted by Microsoft
  - LF Energy Summit 2025 (North America) - to take place on Friday, 3 October, immediately following the CIGRE event in Montreal - finalizing venue details
- Event tracker - please review and add any additional opportunities

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Upcoming Event CFPs

North America

- ARPA-E Energy Innovation Summit - March 17-19, 2025 - Washington, DC - Rolling submission deadline - email speakinginquiry@eventpowersupport.com to apply to speak
- Energy Thought Summit - May 19-22, 2025 - San Antonio, TX - Rolling submission deadline
- IEEE PES General Meeting - July 27-31, 2025 - Austin, TX - Submission deadline November 11
- RE+ - September 8-11, 2025 - Las Vegas - Rolling Submission deadline
- CIGRE - Sept 29-Oct 2, 2025 - Montreal, Quebec - Submission deadline November 27
- International Energy Program Evaluation Conference - Oct 6-7, 2025 - Denver, CO - Submission deadline November 15

Europe

- FOSS Backstage - March 10-11, 2025 - Berlin - Submission deadline November 13
- KubeCon Europe - April 1-4, 2025 - London - Submission deadline November 24
- The smarter E Europe (EmPower) - May 7-9, 2025 - Munich, Germany - Submission deadline December 6
- MOVE - June 18-19, 2025 - London - Rolling submission deadline
- PacWorld - June 23-26, 2025 - Glasgow - Submission deadline December 15

Closing and Next Meeting

5:25 pm - 5:30 pm

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Next TAC Meeting

The next meeting of the LF Energy TAC is scheduled for 20 November 2024 at 8:00 am US Pacific Time/11:00 am US Eastern Time/5:00 pm Central European Time. Agenda will include:

- 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

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APPENDIX

Marketing and PR Updates

Recent Media Coverage

- TFIR - Hydro-Québec joins LF Energy
- TFIR - Code quality and security are crucial for open source projects | Nico Rikken, Alliander
- TFIR - Open source foundations to accelerate the energy transition | Alex Thornton – LF Energy
- TFIR - LF Energy's SEAPATH project aims to drive the next generation of energy management
- TFIR - What are the unique challenges in the energy sector?
- EnergyCentral - How French Transmission System Operator, RTE, Leverages Open Source to Build Next-Gen Substation Monitoring and Controls
- TFIR - LF Energy's role to accelerate decarbonization in the energy sector
- EC&M - Open-Source Platform EVerest to Advance Electric Vehicle Charging Interoperability
- Electronic Design - This Week in PowerBites: Open-Source EV Charging, Solid-State Circuit Protection
- TFIR - Open source drives technical transformation of vertical industries: Linux Foundation Report
- Solar Builder - Solving public EV charging issues with open-source software
- TFIR - LF Energy's role in global decarbonization and grid standardization
- Electronic Design - Open-Source EV Charging: Linux-Based Platform Simplifies Interoperability
- TFIR - United States is ready to tackle Climate Crisis with the help of Open Source | Boris Dolley

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