Technical Advisory Council (TAC) Meeting

17 September 2024

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Meeting information

➔ Meeting to begin at 5:00 pm Central European Summer 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 - 5:20 pm - Opening and General Updates
  - TAC member updates and project review date reminders
  - General updates
  - Project Security Focus updates
  - Confluence migration
  - TAC Evolution Plan Update
- 5:20 pm - 5:40 pm - SC Decarbonization Hub Presentation
- 5:40 pm - 6:00 pm - OpenEEMeter / OpenDSM Annual Review
- 6:00 pm - 6:10 pm - Marketing/PR/Events updates
- 6:10 pm - 6:15 pm - Closing and Next Meeting

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Opening and General Updates

5:00 pm - 5:20 pm

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TAC Voting Members

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

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Antonello Monti
Chair
Professor
RWTH Aachen University

Anne Tilloy
Project manager
RTE (Reseau de Transport dElectricite)

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 Field Device Platforms
Alliander

Travis Sikes
Senior Data Scientist
Recurve

Yixing Xu
Microsoft Corporation

LF Energy Projects

SIG - Digital Substations (3)

CoMPAS · FLEDGE POWER · SEAPATH

SIG - EV Charging (2)

CitrineOS · EVerest

SIG - Grid Operations (8)

FLEDGE POWER · FlexMeasures · GXF · openLEADR · OPERATORFABRIC · RTDIP · SHAPESHIFTER · SOGNO

SIG - Grid Simulation and Modeling (8)

ARRAS · covXtreme · Dynaωo · GRID CAPACITY MAP · GRIP · OpenSTEF · POWER GRID MODEL · POWSYBL

SIG - Data Standards and Tooling (6)

Battery Data Alliance · CARBON DATA SPECIFICATION CONSORTIUM · OPENEEMETER · OpenSynth · SUPER ADVANCED METER · TROLIE

LF Energy Hosted Project Leads

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 (TAC Representative) & Fito Galeano, RWTH Aachen University
CoMPAS	Pascal Wilbrink Alliander & Sander Jansen, Alliander (TAC Representative)
FledgePOWER	Akli Rahmoun, RTE
Hyphae	Asimenia Korompili, RWTH Aachen University
OpenLEADR	Hugo van de Pol, Arila Barnes
SEAPATH	Éloi Bail, Savoir-faire Linux
Grid Capacity Map	Harald Klomp, Vattenfall
Shapeshifter	Robben Riksen, Alliander
OpenSTEF	Frank Kreuwel, Alliander

Project	Project Lead(s)
EVerest	Marco Möller, PIONIX
OpenGEH	Nicolas Bernhardi, Energet
FlexMeasures	Nicolas Höning, Seita Energy Flexibility B.V.
Arras	David Chassin
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
Battery Data Alliance	Gabe Hege, AMPLabs
GRIP (Grid Resilience and Intelligence Platform)	Alyona Teybar, MASc

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Project & Working Group Leads

Project	Project Lead(s)
CitrineOS	Thana Paris, S44
covXtreme	Sachin Bhakar, Shell
Synthetic Energy Data	Gus Chadney, Centre for Net Zero
NODE Collective	DeAndrea Salvador
InterConnect SIF (Semantic Interoperability Framework)	Milenko Tosic, VizLore Labs
OneNet Framework	

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

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Project Review Cycle

2024 Reviews				
Project	Current Level	Initially Accepted	Last Review Date	Next Review Date
GXF*	Early Adoption	February 4, 2020	September 26, 2023	September 18, 2024
Grid Capacity Map	**Incubation**	**April 27, 2021**	**October 17, 2023**	**October 8, 2024**
OpenEEmeter	**Incubation**	**June 4, 2019**	**October 17, 2023**	**October 8, 2024**
OpenSTEF	Incubation	September 21, 2021	October 25, 2022	October 29, 2024
FlexMeasures	Incubation	November 2, 2021	November 28, 2023	November 19, 2024
PowSyBl	Early Adoption	April 30, 2019	November 28, 2023	October 29, 2024
CitrineOS	Sandbox	November 28, 2023		November 19, 2024

Review at SIG level

2024 Reviews				
Project	Current Level	Initially Accepted	Last Review Date	Next Review Date
SEAPATH	Early Adoption	October 6, 2020	December 19, 2023	December 10, 2024
covXtreme	Sandbox	December 19, 2023		December 10, 2024
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 Date	Next Review Date
AI Working Group	*Working Group*	*January 25, 2022*		*September 17, 2024*
Archimate Working Group	Active	October 4, 2022	November 28, 2023	October 29, 2024
ORES (Open Renewal Energy Systems)	Working Group	March 12, 2024		March 25, 2025

Project Review Cycle

2025 Reviews				
Project	**Current Level**	**Initially Accepted**	**Last Review Date**	**Next Review Date**
EVerest	Early Adoption	October 12, 2021	January 9, 2024	January 7, 2025
Synthetic Energy Data	Sandbox	January 9, 2024		January 7, 2025
OpenSynth	Sandbox	January 9, 2024		January 7, 2025
Dynawo	Sandbox	December 6, 2022	January 30, 2024	January 21, 2025
OpenFIDO	Sandbox	January 17, 2023	January 30, 2024	January 21, 2025
RTDIP	Sandbox	October 25, 2022	January 9, 2024	January 28, 2025
	Sandbox	January 25, 2024		January 28, 2025
Hyphae	Incubation	December 8, 2020	February 20, 2024	February 11, 2025
Power Grid Model	Sandbox	February 7, 2023	February 20, 2024	February 11, 2025
SOGNO	Early Adoption	October 27, 2020	March 21, 2023	March 25, 2025
NODE Collective	Sandbox	April 2, 2024		March 25, 2025
InterConnect SIF (Semantic Interoperability Framework)	Sandbox			April 15, 2025
Shapeshifter	Incubation	April 6, 2021	May 14, 2024	May 6, 2025
OneNet Framework	Incubation	May 14, 2024		May 6, 2025
OpenGEH	Sandbox	October 12, 2021	June 4, 2024	May 27, 2025
FledgePOWER	Incubation	February 11, 2021	June 4, 2024	May 27, 2025
CoMPAS	Incubation	May 5, 2020	June 25, 2024	June 17, 2025
OperatorFabric	Early Adoption	April 30, 2019	July 16, 2024	July 8, 2025
Arras	Sandbox	July 12, 2022	July 16, 2024	July 8, 2025

Projects in LF Onboarding

- [SC Decarbonisation Hub (was Scope3E)](#) - being presented today
- [GridCal](#) - working on rename and relicensing
- [Grid Edge Interoperability & Security Alliance (GEISA)](#)
- [python Emission Localization and Quantification (pyELQ)](#)

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SIG update

- EV Charging - [next meeting Sept 25th](#)
- Grid Simulation and Modeling - [next meeting on Sept 4th at LF Energy Summit/remote](#)
- Grid Operations - kickoff meeting held Aug 21st, [next meeting Sept 18th](#).
  - Plan to move GXF annual review to that meeting
- DSAS - Scheduling next meeting now.
- Data Standards and Tooling - kickoff meeting held Sept 12th, next meeting is Nov 14th.

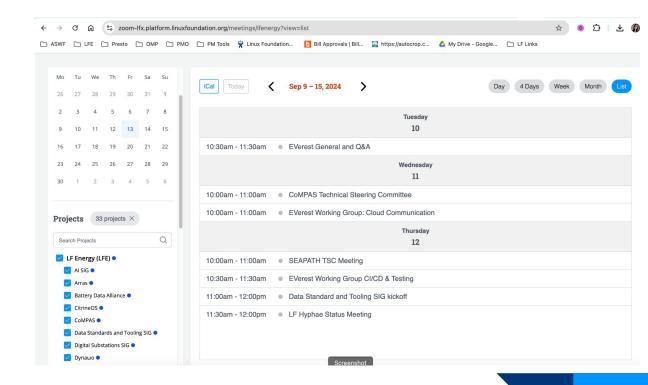All SIG meetings are on the [public calendar at sigcalendar.lfenergy.org](#).

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Calendar transition plan

- New community calendar calendar.lfenergy.org
  - Each project will have their own calendar
  - Will be removing calendar at lists.lfenergy.org in the coming weeks (unless you tell us otherwise).

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Calendar transition timeline

Calendar Transition Timeline	
9/16/2024	2 week notice
9/23/2024	1 week notice
9/30/2024	1 day notice
10/1/2024	Disable old calendars
10/3/2024	Transition completed

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Other Updates

- Finishing the migration from wiki.lfenergy.org to tac.lfenergy.org for TAC materials; please review the new site and let us know if anything needs fixed.
- Would like to move forward with moving wiki.lfenergy.org to Atlassian Cloud. Any last concerns?
- [OperatorFabric security audit released](); TAC to determine plan for future projects.

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Marketing/PR/Events Updates

6:00 pm - 6:10 pm

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Marketing and PR Updates

- Webinars
  - [CitrineOS webinar](#) scheduled for 26 September (originally 28 Aug but postponed)
  - Power Grid Model webinar in planning stages
- Content
  - PowSyBl/RCC Baltic case study in final stages
- [LF Energy Summit 2024](#) - 5-6 Sept, Marriott Grand Place Brussels
  - Sold out with 250 registrations
  - Overall feedback was extremely positive
  - Videos will be live by end of month; [high level recap blog](#) posted last week
- 2025 Event Plans
  - LF Energy Summit Europe - Aug/Sept 2025, likely hosted by RWTH Aachen
  - Open EV Charging Summit - Partner with CharIN, add ~1 day of content onto their US festival in May (American Center for Mobility, near Detroit)
  - Energy Data Summit - Hosted by Microsoft during SF Climate Week in April
  - LF Energy Summit North America - Hosted by Hydro-Quebec the day after CIGRE in October
- [Event tracker](#) - please review and add any additional opportunities
- Use this [form](#) to submit any comms/marketing support requests

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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
- [IEEE Conference on Technologies for Sustainability (SusTech 2025) - April 20-23, 2025 - Los Angeles - Submission deadline November 1](#)
- [Energy Thought Summit - May 19-22, 2025 - San Antonio, TX - Rolling submission deadline](#)

Europe
- [Climate Tech Show - November 27-28, 2024, London - Rolling submission deadline](#)
- [e-world Energy & Water - February 11-13, 2-25 - Essen, Germany - Submission deadline September 10](#)
- [Energy Tech Summit - April 9-10, 2025 - Bilbao, Spain - Submission deadline September 30](#)
- [MOVE - June 18-19, 2025 - London - Rolling submission deadline](#)

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Closing and Next Meeting

6:10 pm - 6:15 pm

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Next TAC Meeting

The next meeting of the LF Energy TAC is scheduled for 8 October 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
- Grid Capacity Map Annual Review
- OpenEEMeter Annual Review
- 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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