

Technical Advisory Council (TAC) Overview

2025



LF Energy Foundation Overview and Governance



What is LF Energy?

LF Energy is the community for digital experts to collaborate on open industrial-grade technology platforms and agile standards that accelerate the energy transition.

We are part of the Linux Foundation, the largest shared technology investment in the world.

Projects

OLF ENERGY



Project Landscape

Transmission

Modeling & Simulation



Transmission Grid Modeling Engine



Dynamic Simulation Engine



AI Foundation Models for the Grid



Short-term Forecasting

Operations



Control Center Event Visualization and Management



Transmission Line Ratings Data Exchange



Power Systems Data Exchange



Aggregator Flexibility

Grid Automation



IEC 61850 Engineering



Digital Substation Hypervisor



Multi-protocol Gateway



IoT Device Management

Data / IoT



Data Pipelines

Distribution

Modeling & Simulation



Distribution Grid Modeling (EU)



Short-term Forecasting



Distribution Grid Modeling (USA)



Grid Capacity Analysis and Visualization



AI Foundation Models for the Grid

Operations



Control Center Event Visualization and Management



Distribution Management System



OpenADR Implementation



Aggregator Flexibility



Distribution Grid Modeling Engine

Grid Automation



IEC 61850 Engineering



Digital Substation Hypervisor

Data / IoT



Multi-protocol Gateway



IoT Device Management



Data Pipelines

Grid Edge



Next-generation AMI Requirements



Synthetic Meter Data



Meter Data Access



Measurement and Verification



Grid Edge Application Interoperability

Behind-the-Meter

Flexibility



Energy Management System



OpenADR Implementation

EV Charging



Charging Station Management System



EV Charger Software

Data / IoT



Multi-protocol Gateway



IoT Device Management



Data Pipelines

Carbon Accounting



Scope 3 Carbon Emissions

Batteries



Battery Data and Software Standards

Risk Analysis



Extreme Event Modeling

Members

ELF ENERGY

Strategic (6)



General (21)



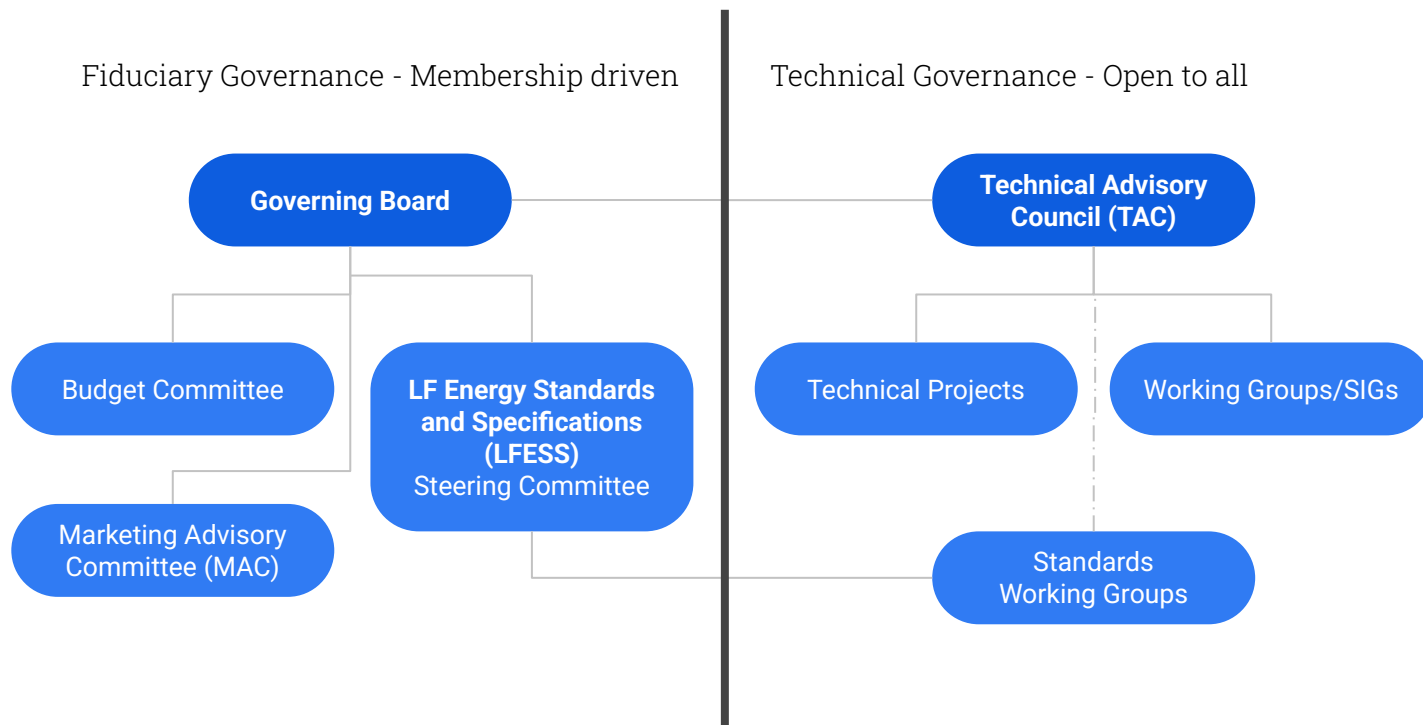
Associate (41)



We're a nonprofit, but not separately incorporated

- The LF Energy Foundation is part of the [the Linux Foundation](#) and is not a separate legal entity
- Therefore, the LF Energy Foundation Governing Board is not a corporate board of directors, and is not subject to corporate law statutes (e.g., those that govern fiduciary duties and how corporate boards of directors must operate)
- The powers and duties of the Governing Board are set forth in the [LF Energy Foundation Charter](#)

Governance at a Glance



TAC Responsibilities



TAC Responsibilities

The TAC's responsibilities include:

- Setting an overall technical vision for the LF Energy Foundation
- Approving new projects and working groups;
- Overseeing the Project Lifecycle;
- Enabling collaboration between projects and working groups;
- Making recommendations to the Budget Committee for any resource needs;
- Voting on other decisions that come before the TAC.

Additional responsibilities are described in [Section 8](#) of the LF Energy Foundation Charter.

What the TAC is NOT responsible for

- The TAC does **not** manage the day-to-day activities and operations of hosted projects and working groups, such as committer rights, release schedules, and roadmaps.
- The TAC is **not** responsible for overseeing day-to-day operations of LF Energy Foundation. This is the responsibility of the foundation staff.
- The TAC does **not** directly manage the overall budget for the LF Energy Foundation. The TAC makes resource recommendations to the Budget Committee and Governing Board, and provides feedback on the use of those resources.

TAC Operations



TAC Composition

- The TAC voting members consist of:
 - One representative appointed from each Strategic member; and
 - One representative appointed by the TSC of each project
- See [Section 8\(b\)](#) of the LF Energy Foundation Charter for more information about composition.
- You can change your representative at any time by making a request at members.lfenergy.org.

Technical Advisory Council (TAC) voting representatives

ELFENERGY



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



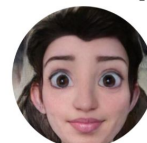
Maarten Mulder

PO IoT Field Device
Platforms
Alliander



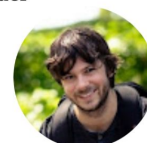
Moise Kameni

Enterprise Architect
and Head of Open
Source Program
Office
Hydro-Québec



Sophie Frasnado

Software developer
RTE (Reseau de
Transport
dElectricite)



Travis Sikes

Data Science
Manager
Recurve



Yixing Xu

Senior Program
Manager, Energy
Strategy
Microsoft
Corporation

TAC Chairperson

Annually in December, the TAC will elect a chairperson to serve for the subsequent year.

Duties of the TAC Chairperson include:

- Leading the strategy for setting an overall technical vision for the LF Energy Foundation
- Preparing the agenda for and leading TAC meetings, with the support of the foundation staff (generally meets with the staff on a regular basis to align on topics and priorities)
- Serving as a voting member of the Governing Board to represent the TAC and larger technical communities.
- Be a spokesperson for the TAC and larger technical community, as needed

See [Section 8\(a\)](#) of the LF Energy Foundation Charter for more information about the chairperson role.

TAC Meetings



Meeting Cadence

- The TAC has virtual meetings, generally monthly on the second Tuesday of the month. **All meetings are public meetings unless specified otherwise.**
- Format for the meetings generally include short updates, and up to three larger topics (such as an annual review of a project/working group, new project/working group proposal, larger discussion item, or special presentation)
 - Voting will often take place at each meeting
 - If you cannot attend a meeting and wish to have someone else represent you, please contact the foundation staff at members.lfenergy.org.
- Additionally, the TAC may have one hybrid Leadership Meetings session per year.
 - Governing Board representatives and a representative from each General Member are invited to Strategy Sessions.
- In rare and exceptional circumstances (e.g., in an emergency situation), an additional ad hoc special meeting of the TAC may be convened.
 - To request a special meeting, please email your request to the Foundation Staff and TAC Chair, and they will decide whether a special meeting is necessary or the proposed agenda item can be discussed by email or at the next regular meeting.

How to propose an agenda item

- Agenda for TAC meetings are managed at <https://github.com/orgs/lf-energy/projects/2>
- Propose a topic for a TAC meeting at <https://github.com/lf-energy/tac/issues/new/choose>
- Please submit your proposed agenda item at least 7 days prior to the meeting.
- Please be patient. TAC meeting agendas are often quite full, and the length of the meeting only allows the time for two larger topics per meeting, so if your topic is more than a short topic it may not be scheduled for the next meeting.

Proposing an agenda item (continued)

- If we cannot accommodate your request in the upcoming meeting we may:
 - Wait until the following meeting to discuss the topic
 - Call a special meeting to discuss your topic, or
 - Refer the topic to the appropriate committee or task force of the TAC
- We may ask you to provide slides 3 days before the meeting.

TAC Materials

- Agendas for TAC meetings will be made available the day before the scheduled meeting
- Past meeting notes can be found [here](#).
- No meeting of the TAC is recorded unless the TAC provides explicit consent to do so.

Discussion Channels

Relevant Mailing Lists

- TAC Public List: tac@lists.lfenergy.org
- TAC Private List:
tac-voting@lists.lfenergy.org
 - This list is ONLY for sensitive topics and voting
- Project and Working Group Leads:
technical-project-leads@lists.lfenergy.org

Slack Channel

- You can [join LF Energy slack here](#).
- To join the TAC slack channel, make a request at members.lfenergy.org.

Policies and Other Resources



Important LF Energy Foundation Policies and Resources

- [LF Energy Foundation Charter](#)
- [Linux Foundation Antitrust Policy](#)
- [Foundation GitHub repository](#) with many other public facing policies and materials including...
 - [Elections Process](#)
 - [LF Energy Foundation hosted project charters](#), which define each project's intellectual property and licensing policies.
- [LF Energy Landscape](#)
- [High Level Overview](#)

LF Energy staff

- [Alex Thornton](#), LF Energy Executive Director
- [Dan Brown](#), Marketing Director
- [John Mertic](#), Program Director
- [Yarille Ortiz](#), Sr. Project Coordinator



Support requests for the staff can be made at support.lfenergy.org.

LFX Organization Dashboard

[LFX Organization Dashboard](#) provides access to key membership materials, including...

- Member contacts, which you can change at any time (look under 'Users' > and then under the 'Key People' tab)
- Membership details (look under 'Membership' > 'LF Energy Foundation'), including...
 - Membership Overview Deck and High Level Overview Deck (look under the 'Resources' tab)
 - Your fully executed membership agreement (look under the 'Membership' tab)
 - Details on how to leverage membership benefits (look under the 'Benefits' tab)
 - Insights on contributors from your organization (look under the 'Project Contributors' tab)

ACTION: Request access to LFX Organizational Dashboard [here](#).

Who's Who in the LF Energy Foundation

- [LF Energy Foundation Members](#)
- Staff: [LF Energy Foundation Staff](#), [Linux Foundation Leadership](#)
- [Governing Board Members](#)
- [Technical Advisory Council Members](#)
- [LF Energy Project and Working Group Leads](#)



Thank you!

If you have any questions, feel free to
contact the staff at members.lfenergy.org.