

# Technical Advisory Council

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## LF Energy TAC Overview

| TAC Overview                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>a. The role of the TAC is to facilitate communication and collaboration among the Technical Projects. The TAC will be responsible for: i. coordinating collaboration among Technical Projects, including development of an overall technical vision for the community; ii. making recommendations to the Budget Committee of resource priorities for Technical Projects; iii. 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"); iv. creating, maintaining and amending project lifecycle procedures and processes, subject to the approval of the Governing Board; and v. such other matters related to the technical role of the TAC as may be communicated to the TAC by the Governing Board.</p> <p>b. The voting members of the TAC consist of: i. one representative appointed by each Premier Member; and ii. one representative appointed by the technical oversight body (e.g., a technical steering committee) of each TAC Project (as defined herein).</p> <p>c. One representative of any Member may observe meetings of the TAC. Any committers from a TAC Project may observe meetings of the TAC. The TAC may change this at any point in time, including: (a) opening meetings to a broader community; (b) holding closed meetings; and (c) holding meetings open to the public.</p> <p>d. At the start of the Directed Fund, "TAC Projects" are those Technical Projects listed as having voting representatives on the TAC on the Directed Fund's web site. Thereafter, any Technical Project can become a TAC Project through the approval of the Technical Project's technical oversight body, the TAC (by a two-third's vote), and the Governing Board. The TAC and the Governing Board may approve a project lifecycle policy that will address the incubation, archival and other stages of TAC Projects.</p> <p>e. The TAC representatives will elect a chair to preside over meetings, ensure minutes are taken and drive the TAC agenda with input from the TAC representatives.</p> <p>Additional information found in the <a href="#">LF Energy Charter</a>.</p> |

## Member Representatives

| Strategic Member Company or Project | Voting Eligibility  | Appointed By           | Representative at TAC                                            |
|-------------------------------------|---------------------|------------------------|------------------------------------------------------------------|
| Alliander                           | Voting Member       | Membership Entitlement | Jonas van den Bogaard, Alliander                                 |
| Google LLC                          | Voting Member       | Membership Entitlement | Art Pope, Google LLC                                             |
| Microsoft                           | Voting Member       | Membership Entitlement | Avi Allison, Microsoft                                           |
| RTE                                 | Voting Member       | Membership Entitlement | Boris Dolley, RTE                                                |
| Shell                               | Voting Member       | Membership Entitlement | Bryce Bartmann, Shell                                            |
| GXF                                 | Voting Member       | Vote of TSC Committee  | Maarten Mulder, Alliander                                        |
| OperatorFabric                      | Voting Member       | Vote of TSC Committee  | Frédéric Didier, RTE                                             |
| OpenEEMeter                         | Voting Member       | Vote of TSC Committee  | Travis Sikes, Recurve                                            |
| PowSyBI                             | Voting Member       | Vote of TSC Committee  | Anne Tilloy, RTE                                                 |
| SOGNO                               | Voting Member       | Vote of TSC Committee  | Antonello Monti, RWTH Aachen University - <b>Chairperson</b>     |
| CoMPAS                              | Non-Voting Member * | Vote of TSC Committee  | Aliou Diaite, RTE, Sander Jansen, Alliander (TAC Representative) |
| FledgePOWER                         | Non-Voting Member * | Vote of TSC Committee  | Akli Rahmoun, RTE                                                |
| Grid Capacity Map                   | Non-Voting Member * | Vote of TSC Committee  | Harald Klomp, Vattenfall                                         |
| Hyphae                              | Non-Voting Member * | Vote of TSC Committee  | Asimenia Korompili, RWTH Aachen University                       |

|                                                  |                     |                       |                                               |
|--------------------------------------------------|---------------------|-----------------------|-----------------------------------------------|
| openLEADR                                        | Non-Voting Member * | Vote of TSC Committee | Stan Janssen, OpenADR                         |
| SEAPATH                                          | Non-Voting Member * | Vote of TSC Committee | Eloi Bail, Savoir-faire Linux                 |
| Shapeshifter                                     | Non-Voting Member * | Vote of TSC Committee | Robben Riksen, Alliander                      |
| OpenSTEF                                         | Non-Voting Member * | Vote of TSC Committee | Frank Kreuwel, Alliander                      |
| OpenGEH                                          | Non-Voting Member * | Vote of TSC Committee | Nicolas Bernhardt, Energinet                  |
| Everest                                          | Non-Voting Member * | Vote of TSC Committee | Marco Möller, PIONIX                          |
| FlexMeasures                                     | Non-Voting Member * | Vote of TSC Committee | Nicolas Höning, Seita Energy Flexibility B.V. |
| Arras                                            | Non-Voting Member * | Vote of TSC Committee | David Chassin, SLAC                           |
| Dynawo                                           | Non-Voting Member * | Vote of TSC Committee | Marco Chiaramello, Benoît Jeanson, RTE        |
| OpenFIDO                                         | Non-Voting Member * | Vote of TSC Committee | David Chassin, SLAC                           |
| Power Grid Model                                 | Non-Voting Member * | Vote of TSC Committee | Tony Xiang, Alliander                         |
| Real Time Data Ingestion Platform (RTDIP)        | Non-Voting Member * | Vote of TSC Committee | Bryce Bartmann, Shell                         |
| Battery Data Alliance                            | Non-Voting Member * | Vote of TSC Committee | Gabe Hege, AmpLabs                            |
| TROLIE                                           | Non-Voting Member * | Vote of TSC Committee | Christopher Atkins, MISO Energy               |
| GRIP (Grid Resilience and Intelligence Platform) | Non-Voting Member * | Vote of TSC Committee | Alyona Teyber, MASc                           |
| Open Sustainable Technology                      | Non-Voting Member * | Vote of TSC Committee | Tobias Augspurger, Prototypes                 |
| CitrineOS                                        | Non-Voting Member * | Vote of TSC Committee | Olga Haygood, S44                             |
| covXtreme                                        | Non-Voting Member * | Vote of TSC Committee | Sachin Bhakar, Shell                          |
| OpenSynth                                        | Non-Voting Member*  | Vote of TSC Committee | Gus Chadney, Centre for Net Zero              |
| OpenSCD                                          | Non-Voting Member*  | Vote of TSC Committee | Sander Jansen, Alliander                      |
| NODE Collective                                  | Non-Voting Member*  | Vote of TSC Committee | DeAndrea Salvador, Eli                        |

\* TAC voting representation once Graduation stage is reached (per [Technical Project Lifecycle](#)). Existing voting representation from projects prior to adoption of updated lifecycle is unchanged.

## Meeting Details

TAC meetings are open to the public and held every three weeks on Tuesdays, from 8:00 am - 9:30 am US Pacific Time.

Visit the [Community Meetings & Calendar](#) page for instructions on how to subscribe to the meetings.

To join TAC meetings, you can go [here](#).

## Proposing Projects

Visit [Technical Project Lifecycle](#) to review the LF Energy Project Proposal Process and Project Lifecycle documentation.

### Approved Project Proposals

- [OpenSTF Project Proposal.pdf](#)
- [Grid Capacity Map Project Proposal - LF Energy.pdf](#)
- [UFTP Project Proposal.pdf](#)
- [CoMPAS Project Proposal w:notes.pdf](#)
- [OpenLEADR Project Proposal.pdf](#)
- [SEAPATH Project Proposal.pdf](#)
- [SOGNO Project Proposal.pdf](#)
- [Everest Project Proposal.pdf](#)
- [Green Energy Hub Project Proposal.pdf](#)
- [FlexMeasures Project Proposal.pdf](#)
- [OCPP Cloud Connector Project Proposal.pdf](#)
- [Super Advanced Metering Project Proposal.pdf](#)
- [GridLab-D Project Proposal.pdf](#)
- [LF Energy Foundation Standards Project Lifecycle.pdf](#)
- [LF Energy Foundation Working Group Lifecycle.pdf](#)
- [ARCHIMATE SIG proposal.pdf](#)

- [Real Time Data Ingestion Platform TAC Proposal.pdf](#)
- [Dynawo Project Proposal.pdf](#)
- [LF Energy OpenFIDO Proposal.pdf](#)
- [Power Grid Mode Project Proposal.pdf](#)
- [Battery Data Alliance - New Project Proposal.pdf](#)
- [TROLIE-LF Energy New Project Proposal.pdf](#)
- [GRIP Proposal-LF Energy.pdf](#)
- [Open Sustainable Technology Proposal-LF Energy](#)
- [CitrineOS Proposal](#)
- [covXtreme Project Proposal](#)
- [OpenSynth \(Synthetic Energy Data Proposal\)](#)
- [OpenSCD Project Proposal.pdf](#)
- [ORES Working Group Proposal.pdf](#)
- [NODE Collective Project Proposal.pdf](#)
- [DSAS Working Group Proposal.pdf](#)

## Meeting Minutes

### 2024

- April 2, 2024 [Deck](#) / [Minutes](#) / [Recording](#)
- March 12, 2024 [Deck](#) / [Minutes](#) / [Recording](#)
- February 20, 2024 [Deck](#) / [Minutes](#) / [Recording](#)
- January 30, 2024 [Deck](#) / [Minutes](#) / [Recording](#)
- January 9, 2024 [Deck](#) / [Minutes](#) / [Recording](#)

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### 2023

- December 19, 2023 [Deck](#) / [Minutes](#) / [Recording](#)
- November 28, 2023 [Deck](#) / [Minutes](#) / [Recording](#)
- November 7, 2023 [Deck](#) / [Minutes](#) / [Recording](#)
- October 17, 2023 [Deck](#) / [Minutes](#) / [Recording](#)
- September 26, 2023 [Deck](#) / [Minutes](#) / [Recording](#)
- September 5, 2023 [Deck](#) / [Minutes](#) / [Recording](#)
- July 25, 2023 [Deck](#) / [Minutes](#) / [Recording](#)
- June 13, 2023 [Deck](#) / [Minutes](#) / [Recording](#)
- May 23, 2023 [Deck](#) / [Minutes](#) / [Recording](#)
- May 2, 2023 [Deck](#) / [Minutes](#) / [Recording](#)
- April 11, 2023 [Deck](#) / [Minutes](#) / [Recording](#)
- March 21, 2023 [Deck](#) / [Minutes](#) / [Recording](#)
- February 28, 2023 [Deck](#) / [Minutes](#) / [Recording](#)
- February 7, 2023 [Deck](#) / [Minutes](#) / [Recording](#)
- January 17, 2023 [Deck](#) / [Minutes](#) / [Recording](#)

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### 2022

- December 6, 2022 [Deck](#) / [Minutes](#) / [Recording](#)
- November 15, 2022 [Deck](#) / [Minutes](#) / [Recording](#)
- October 25, 2022 [Deck](#) / [Minutes](#) / [Recording](#)
- October 4, 2022 [Deck](#) / [Minutes](#) / [Recording](#)
- September 13, 2022 [Deck](#) / [Minutes](#)
- August 2, 2022 [Deck](#) / [Minutes](#) / [Scaling Up Presentation](#)
- July 12, 2022 [Deck](#) / [Minutes](#)
- June 21, 2022 [Deck](#) / [Minutes](#)
- May 31, 2022 [Deck](#) / [Minutes](#)
- May 10, 2022 [Deck](#) / [Minutes](#)
- April 19, 2022 [Deck](#) / [Minutes](#)
- March 29, 2022 [Deck](#) / [Minutes](#)
- March 8, 2022 [Deck](#) / [Minutes](#)
- February 15, 2022 [Deck](#) / [Minutes](#)
- January 25, 2022 [Deck](#) / [Minutes](#)

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### 2021

- December 14, 2021 [Deck](#) / [Minutes](#)
- November 23, 2021 [Deck](#) / [Minutes](#)
- November 2, 2021 [Deck](#) / [Minutes](#)
- October 12, 2021 [Deck](#) / [Minutes](#)
- September 21, 2021 [Deck](#) / [Minutes](#)
- August 31, 2021 [Deck](#) / [Minutes](#)
- July 20, 2021 [Deck](#) / [Minutes](#) / [Recording](#)
- June 29, 2021 [Deck](#) / [Minutes](#)

- June 8, 2021 [Deck](#) / [Minutes](#)
  - May 18, 2021 [Deck](#) / [Minutes](#)
  - April 27, 2021 [Deck](#) / [Minutes](#)
  - April 6, 2021 [Deck](#) / [Minutes](#)
  - March 16, 2021 [Deck](#) / [Minutes](#)
  - February 23, 2021 [Deck](#) / [Minutes](#)
  - February 2, 2021 [Deck](#) / [Minutes](#)
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## 2020

- December 8, 2020 [Deck](#) / [Minutes](#)
- November 17, 2020 [Deck](#) / [Minutes](#)
- October 27, 2020 [Deck](#) / [Minutes](#)
- October 6, 2020 [Deck](#) / [Minutes](#)
- September 15, 2020 [Deck](#) / [Minutes](#)
- August 25, 2020 [Deck](#) / [Minutes](#)
- August 4, 2020 [Deck](#) / [Minutes](#)
- July 14, 2020 [Deck](#) / [Minutes](#)
- June 16, 2020 [Deck](#) / [Minutes](#)
- June 2, 2020 [Deck](#) / [Minutes](#)
- May 19, 2020 [Deck](#) / [Minutes](#)
- May 5, 2020 [Deck](#) / [Minutes](#)

[Meeting Minutes](#)