

Energy Internet Coordinating Committee (EICC)



Who We Are

The Energy Internet Coordinating Committee (EICC) reports to the IEEE Power and Energy Society Technical Council on matters concerning membership, technical publications, and recognition.

EICC, with direction from the Technical Council, serves as a focal point within PES to identify issues related to energy internet, coordinates with Technical Committees and external organizations that deal with similar issues, seeks opportunities for exchange of experiences and knowledge, and identifies needs for guides, best practices and standards.

Objectives

The EICC serves as a focal point within IEEE PES for the identification of challenges associated with Energy Internet (EI).

The EICC also serves as the point of coordination for other organizations dealing with similar challenges (such as AWEA, CIGRE, DOE, ESIG, FERC, NERC, NREL, IEC, SEIA, and UN SDSN) and establishes liaisons to coordinate and help identify the appropriate technical resources within the PES and other IEEE societies to address the issues.

Committee Scope

EI is a deep combination of energy system and the Internet, including:

1. Internet thinking reshaping the energy networks, based on synergy of multi-energy systems, including heating, cooling, gas, transportation as well as electricity
2. New Internet and IT techniques applications, e.g., new generation communication technologies, ubiquitous decentralized control units, Internet of Things, blockchain.
3. New energy policies and energy market based on sharing economy, e.g., energy P2P trading

Attend a Meeting CTA

The EICC seeks opportunities to conduct jointly sponsored activities to promote the sharing of knowledge and experience among diverse organizations, e.g., annual onsite meeting at PES GM, IEEE EI2 conference and some online seminars etc.

What's Next

With support from other TCs and liaisons, we'd like to

- 1) Recruit more members.
- 2) Organize some new Task Forces in EICC once some of current TFs are closed.
- 3) Organize some special issues in top journals.

