



Press release

17th July 2024

Energy communities and impact on grids: A new publication from ETIP SNET discusses opportunities and challenges



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In collaboration with [ISGAN](#), [ETIP SNET Working Group 1 on reliable, economic and efficient energy system](#) has released a report about the **multifaceted role and challenges of energy communities** in the modern energy landscape.

Entitled “[Energy Communities' Impact on Grids](#)”, the paper emphasises the need for **systemic changes in legislation, market structures, grid architecture, and stakeholder engagement to drive the energy transition**. It concludes with some **recommendations on innovation and research activities** to ensure convergence of R&D results and enable the development of fully integrated energy communities.

Such **energy communities** extend beyond merely generating renewable electricity or heat, addressing **environmental, technological, and economic aspects** while tackling social equity issues.

The discussion on this relevant topic will continue during the [Paris Session of CIGRE 2024](#). CIGRE is a collaborative global community committed to the knowledge development program for the creation and sharing of power system expertise. **Paris Session 2024 from August 25 to 30** is the leading global event to discuss energy transition's issues and that offers global networking opportunities.

During the side event organised by [ETIP SNET Secretariat](#) and [ISGAN](#), the discussion amongst energy experts will delve into the role of energy communities for **distribution system operators (DSOs) and transmission system operators (TSOs)**. It will explore how energy communities can harness consumer flexibility to better integrate renewable resources and new technologies while fulfilling their responsibilities and obligations.

Read the whole publication "[Energy Communities' Impact on Grids](#)" and [register](#) to attend the side event online or in person.

About ETIP SNET

ETIP SNET is a European Commission initiative created as part of the new integrated roadmap Strategic Energy Technology plan (SET Plan). It brings together a multitude of stakeholders and experts from the energy sector. The role of ETIP SNET is to guide research, development & innovation through reporting on the implementation of such activities at European, national/regional and industrial level and identifying innovation barriers. The ETIP SNET initiative is dedicated to providing input to the SET Plan and to strategic research and innovation roadmap.

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