



EU Clean Energy Package, new national planning requirements and prosumers

slides ClientEarth

PROSEU - Mainstreaming active participation of citizens in the Energy Transition





NEW EU PROVISIONS ON PROSUMERS

- Renewables Directive
- Electricity Market Directive
- Governance Regulation

RES DIRECTIVE

- Revision
- Agreed: June 2018
- Transposition deadline: 30 June 2021
- Main interest:
 - # Art. 2 (definitions),
 - # Art.21 (renewable self consumers),
 - # Art. 22 (renewable energy communities),
 - # recitals (23,49,62,64-69,74)

RES: RENEWABLE SELF-CONSUMER

- self-generates renewable electricity for **own consumption**,
- may **store** and **sell** (when non-household: not primary commercial or professional activity)
- within its premises (within confined boundaries) or where allowed, on other premises,

RES: RENEWABLE SELF CONSUMERS/1

- **Rights** to become a self-consumer, generate, store and sell energy; rights and obligations of final consumers; remuneration for electricity fed to the grid; no discriminatory procedures of charges
- **Restrictions** on when **charges and fees** may be imposed
- Possible self-consumers **in the same building**
- Possible **3rd party** ownership/management

RES: RENEWABLE SELF CONSUMERS/2

- **Obligation for MSs to:**
 - assess barriers and potential,
 - set enabling framework
- In **NECPs and (governance) progress reports:** a summary of the policies and measures under the enabling framework & an assessment of the their implementation

RES: RENEWABLE ENERGY COMMUNITY/1

- Structure and internal organisation
- Primary purpose (provide environmental, economic or social community benefits for members/areas where operates) & not primary commercial/professional activity (private undertakings)
- Rights to participate in, generate, consume, store and sell renewable energy
- As final consumers
- Access all energy markets (directly/through aggregators)
- No unjustified or discriminatory conditions or procedures

RES: RENEWABLE ENERGY COMMUNITY/2

- ✓ **MS: assess barriers and potential**
- ✓ **MS: provide an enabling framework** to promote and facilitate the development of RES energy communities,
- ✓ Open to **cross-border participation**
- ✓ In **NECPs' updates and (governance) progress reports**: major principles of the enabling framework and its implementation

ELECTRICITY MARKET DIRECTIVE (EMD)

- Commission proposal (February 2017)
- Trilogue started in autumn (11 September)
- Transposition deadline proposed: 12 months from entry into force

EMD: WHAT ON PROSUMERS?

1. Community energy and energy cooperatives in recitals (rec.30)
2. Definitions and rights of
 - active customer
 - local energy community
3. Other: Dynamic price contract, Switching supplier, DR, Billing, Smart metering ...

EMD: ACTIVE CUSTOMER

A customer or a group of jointly acting customers who **consume, store or sell electricity generated on their premises**, including through aggregators, **OR participate in demand response or energy efficiency schemes** provided that these activities do not constitute their primary commercial or professional activity

EMD: LOCAL ENERGY COMMUNITY

- legal entity,
- controlled by local shareholders/members,
- generally value rather than profit-driven,
- activities of distributed generation, DSO, supplier or aggregator at local level (incl. across borders)

GOVERNANCE REGULATION (GR)

- Agreed in June 2018
- Mechanisms to implement strategies and measures
- Purpose: to meet objectives and targets of the Energy Union, long-term Union greenhouse gas emissions commitments consistent with the Paris Agreement and for 2021-2030 Union's 2030 targets for energy and climate
- National energy and climate planning and reporting – how? what? when?

GR: PLANS & REPORTS

PLANS

- NECPs & updates
- Long-Term Strategies

REPORTS, e.g.

- Integrated National and Climate Progress Reports
15.03.2023 & every 2 years
- Reports on GHG policies and measures and on projections
15.03.2021 & every 2 years
- Annual reports
15.03.2021 & every year...

GR: NECPs

- **DRAFTS:** 31 December 2018, 1 January 2028 & every 10 years
- **FINAL:** by 31 December 2019, 1 January 2029 & every 10 years
- **DRAFT UPDATES:** 30 June 2023, 1 January 2033 & every 10 years
- **UPDATES:** 30 June 2024, 1 January 2034 & every 10 years

GR: NECPs - 5 DIMENSIONS

1. Decarbonisation (a. GHG emissions and removals, b. renewable energy)
2. Energy efficiency
3. Energy security
4. Internal energy market
5. Research, innovation and competitiveness

GR: NECPs – CONTENT/template

Information on each dimension - e.g.:

- national **objectives, targets and contributions**,
- **planned policies and measures** on the objectives, targets, contributions,
- **general overview of the investments** to meet the objectives, targets, contributions
- *If applicable*, **regulatory & non-regulatory barriers and hurdles** to delivering targets, contributions, objectives.

GR: NECPs - OBJECTIVES & TARGETS

Decarbonisation/Renewable energy

- A **contribution to the EU's binding target**
- Other trajectories and objectives, incl. long-term or sectorial ones (e.g. (...) **renewable energy produced by cities, ENERGY COMMUNITIES and SELF-CONSUMERS, ...**) *(if applicable)*

Market integration – objectives on, e.g.:

- **consumers' participation in the energy system and benefits from self-generation** and new technologies (incl. smart meters) *(if applicable)*;
- **the non-discriminatory participation of RE, DR and storage, incl. via aggregation, in all energy markets**

GR: NECPs - POLICIES & MEASURES

Decarbonisation, Renewable energy

- to achieve the national RES contribution
- to promote and facilitate the development of RENEWABLE SELF-CONSUMPTION & RENEWABLE ENERGY COMMUNITIES under the enabling framework RES Directive (Articles 21(4) and 22(5))

Energy efficiency (EE)

- to achieve the 2030 contributions and other EE objectives, incl: (...), to promote the role of LOCAL ENERGY COMMUNITIES in contributing to the implementation of certain EE policies and measures (*where applicable*)

Internal energy market, e.g.

- to ensure the non-discriminatory participation of RE, DR and storage, including via aggregation, in all energy markets (if applicable),

GR: NECPs – PART 2 OF TEMPLATE

Parameters, variables, energy balances and indicators to be reported in Section B 'Analytical Basis' of the NECPs, *if used*:

Energy balances and indicators: (...)

- *If applicable*, other national trajectories, including long-term or sectorial ones (the share of food-based and advanced biofuels, the share of renewable energy in district heating, as well as **the renewable energy produced by cities and ENERGY COMMUNITIES**)

GR: LONG-TERM STRATEGIES (LTS)

- Perspective of at least 30 years
- By 1 January 2020, 1 January 2029 and every 10 years
- Updated every 5 years
- Content in Annex IIa to the GR

CONCLUSION

- Scope for NECPs to include strong provisions on prosumers and energy communities
- New EU laws on prosumers and energy communities should help
- Need to make sure that national plans are ambitious



Thank you for your attention!

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This project received funding from the EU's Horizon 2020 research and innovation programme under grant agreement N°764056. The sole responsibility for the content of this document lies with the authors. It does not necessarily reflect the opinion of the EU.