The Energy Efficiency Directive: EU Context and Suggestions for the Energy Community

Permanent High Level Group
Energy Community
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Source: Directorate-General for Energy
I want to reform and reorganise Europe’s energy policy in a new European Energy Union.

Jean Claude Juncker
1 Secure supplies  
2 Internal energy market  
3 Energy efficiency  
4 Emissions reduction  
5 Research & Innovation
3 Energy efficiency

Rethink energy efficiency as an energy source in its own right

This means increasing energy efficiency, in particular in the building sector, and promoting an energy-efficient and decarbonized transport sector as well as efficient products.
Energy efficiency
Concrete actions

- Review the Energy Efficiency Directive
- EU strategy for Heating and Cooling
- Strengthened financial instruments to support investments in energy efficiency
- Review the EPBD
- Review the Energy Labelling and Ecodesign Directives

Source: Directorate-General for Energy

2007: Adoption of 20-20-20 targets for

• Greenhouse gases emissions.
• Renewables.
• Reducing energy consumption.

2012: Energy Efficiency Directive

• Energy efficiency target first time quantified in legislation.
The Energy Efficiency Directive

- Services
- Sectoral measures
- Households
- Public sector
- Energy supply
- Industry

Indicative national energy efficiency targets

General measures promoting energy efficiency

Monitoring & Reporting

Source: Directorate-General for Energy
EED: Methodology

- Improved methodology compared to Energy Services Directive.

- Overall EU energy efficiency target impact defined in the text = 1474 Mtoe primary consumption in 2020 (updated later to reflect accession of Croatia: 1483 Mtoe)
  - Based on projections made in 2007 of business-as-usual primary energy consumption in 2020 of 1853 Mtoe.
EED: National Commitments (Article 3)

- Member States required to set indicative national targets for 2020
  - Member State to decide what is the preferred unit - primary or final energy consumption, primary or final energy savings, or energy intensity;
  - Requirement that target must be expressed in terms of an absolute levels of primary and final energy consumption in 2020, with an explanation of calculation.
EED: Reporting Modalities

- Commission to report on progress towards the 20% target by 30 June 2014 and to propose further measures, if necessary

- Articles 3 and Article 24(7) set out the modalities for the Union to check progress.
Energy Community Proposal for the implementation of the EED

Main features (I)

- Most of provisions in the EED in the draft text for adoption.

- **However**, Energy Efficiency Target: continuation of the Directive on Energy Services methodology:
  - Contracting Parties:
    - To set a national energy efficiency targets based on final energy consumption;
    - To set energy efficiency targets of at least 18% by 2025 and 25% by 2030.
  - No mid-term review of progress in legislation.
Energy Community Proposal for the implementation of the EED

Main features (II)

- Other adaptations where differences occur:
  - Article 5 (Exemplary role of public bodies' buildings);
  - Article 7 (Energy efficiency obligation schemes);
Energy Community Proposal for the implementation of the EED

Main differences

• No baseline.
• No overall target for the Energy Community as a whole.
• No requirement on individual Contracting Parties to commit to energy efficiency targets.
• No review to track progress toward a target at the level of the Energy Community.
• No provisions for follow up of other specific articles in the implementation period.
Discussion points
Article 3 and Article 24

- Target and reporting modalities at heart of the EED:
  - Methodology implies an improvement in European Energy Efficiency governance.
- Possible to set baselines for 2020 for Contracting Parties in 2020 in terms of both Primary Energy Consumption and Final Energy Consumption
  - Possible PEC and FEC targets in 2020;
  - Facilitates process of setting indicative national targets;
  - Coherence with EU legislation – facilitates implementation of reviewed EU legislation;
  - Other issues of technical nature – proposal for PHLG.