

Introducing the additionality issue

What challenges? What approaches?

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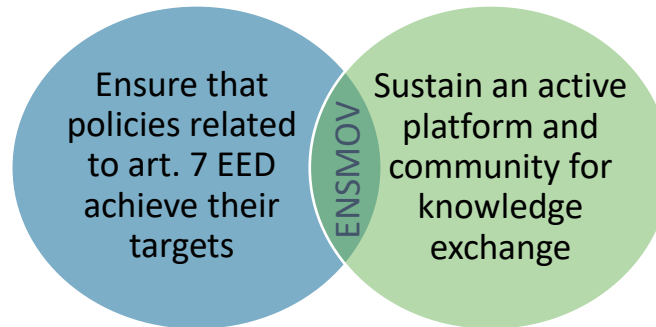


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This presentation will cover the following:

- ✓ Overview of the ENSMOV project
- ✓ Introduction to the additionality issue in the context of the EED energy savings obligation
- ✓ Challenges in estimating additionality and approaches taken by Member States

Strategic objectives:



Objectives:

To facilitate and expand sharing of knowledge and experience amongst Member States for the implementation of policies under Article 7 EED

To develop a suite of tailored resources and tools for the implementation of Article 7 EED to address the specific needs of Member States

To assist national authorities' in-house monitoring, reporting and verification (MRV) schemes with a view to ensuring they have robust data and insight to inform the (re)design of policies towards 2030

ENSMOV partners and country engagement grid

- Institute for European Energy and Climate Policy (IEECP)
- The Regulatory assistance project (RAP)
- Italian Federation for the Rational Use of Energy (FIRE)
- Association Technique Energie Environnement (ATEE)
- Centre for Renewable Energy Sources and Savings (CRES)
- Austrian Energy Agency (AEA)
- Wuppertal Institute (WI)
- Krajowa Agencja Poszanowania Energii S.A (KAPE)
- Romanian Energy Regulatory Authority (ANRE)
- The Energy Saving Trust (EST)
- Energy Institute Hrvoje Požar (EIHP)
- Sustainable Energy Development Agency (SEDA)
- Hungarian Energy and Public Utility Regulatory Authority (MEKH)
- The University of Piraeus Research Centre (UPRC)
- Energy Agency of Lithuania (LEA) HQ and facilitation



- ✓ 15 partners
- ✓ 14 MS directly represented
- ✓ ALL EU MS covered through the action of the ENSMOV partners

- ✓ An exchange programme where each involved Member State will get tailored knowledge and guidance
- ✓ Blend of national, regional and EU workshops
- ✓ Exchanges amongst Member States with similar needs
- ✓ Surveys to ensure gaps are recognized and addressed
- ✓ Guidance and tools developed to overcome gaps in policy implementation

3 policy cycles



Annex V paragraphs 2(a) and (b) set out the principle of additionality:

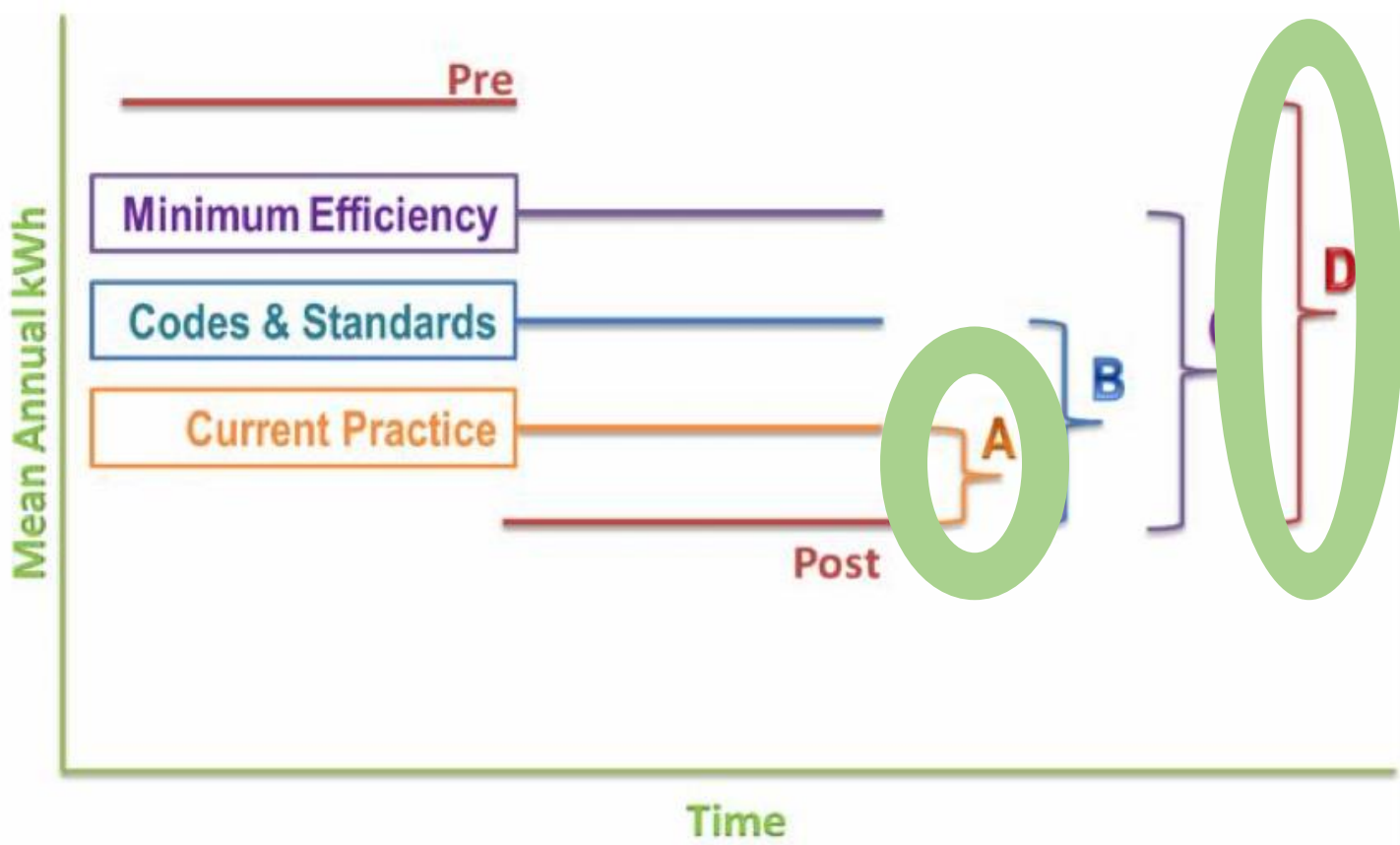
*(a) The savings shall be shown to be **additional to those that would have occurred in any event** without the activity To determine the savings that can be claimed as additional, Member States shall have regard to ... **energy consumption trends, changes in consumer behaviour, technological progress and changes caused by other measures** implemented at Union and national level.*

*(b) **Savings resulting from the implementation of mandatory Union law** shall be considered to be savings that would have occurred in any event and thus **cannot be claimed** as energy savings for the purpose of Article 7(1).*

Taking account of EU law and other factors that affect the energy savings that can be attributed to the policy measure:

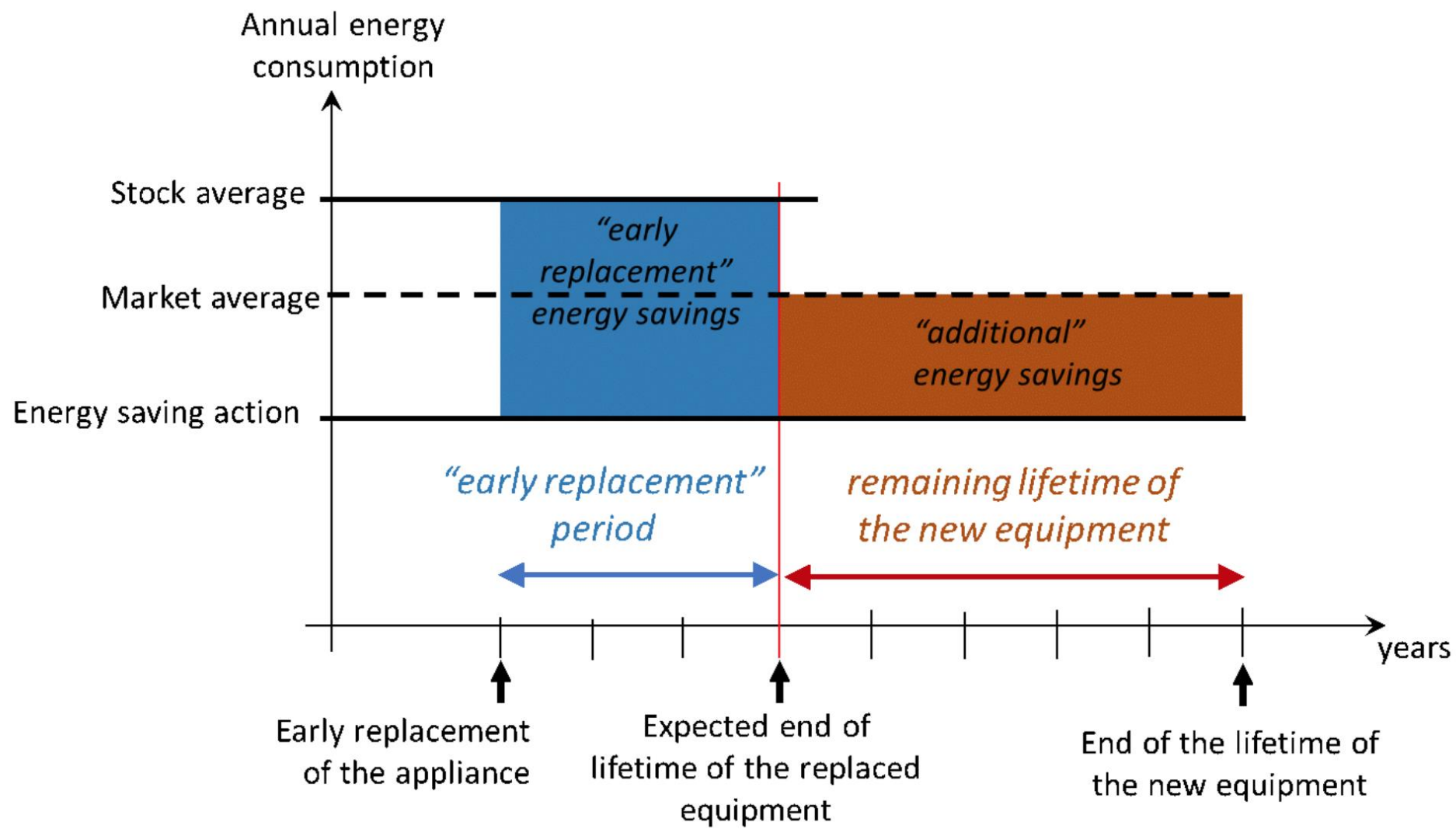
- ✓ **Adjusting gross savings**
 - ✓ getting the baseline right
- ✓ **Moving from gross to net savings**
 - ✓ Estimating free-rider effects
 - ✓ Estimating spillover effects
 - ✓ Estimating other market effects

Adjusting gross savings – energy efficient products (A) and building renovation (D)



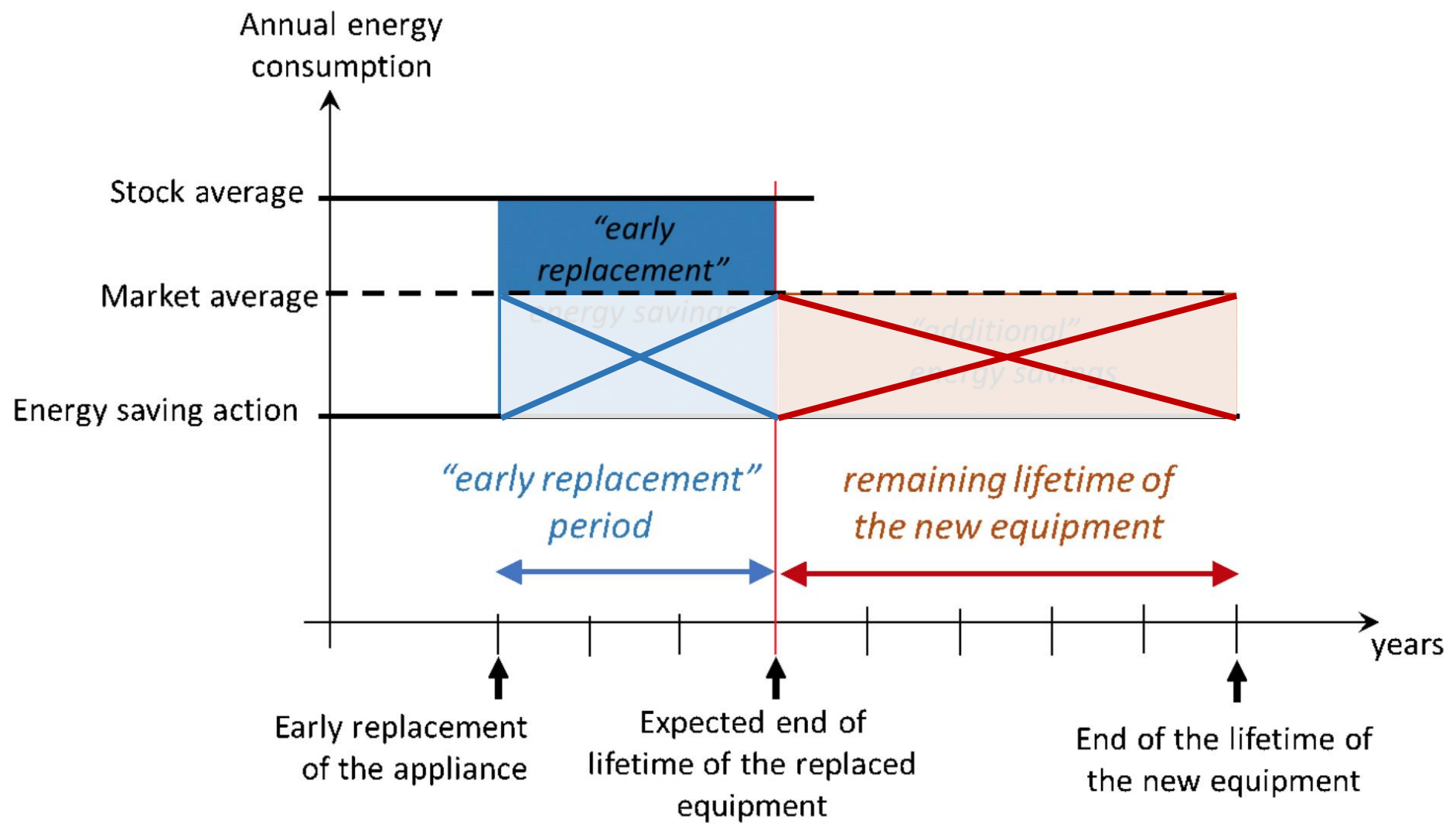
Source: Northeast Energy Efficiency Partnership

Adjusted gross savings – temporal aspect

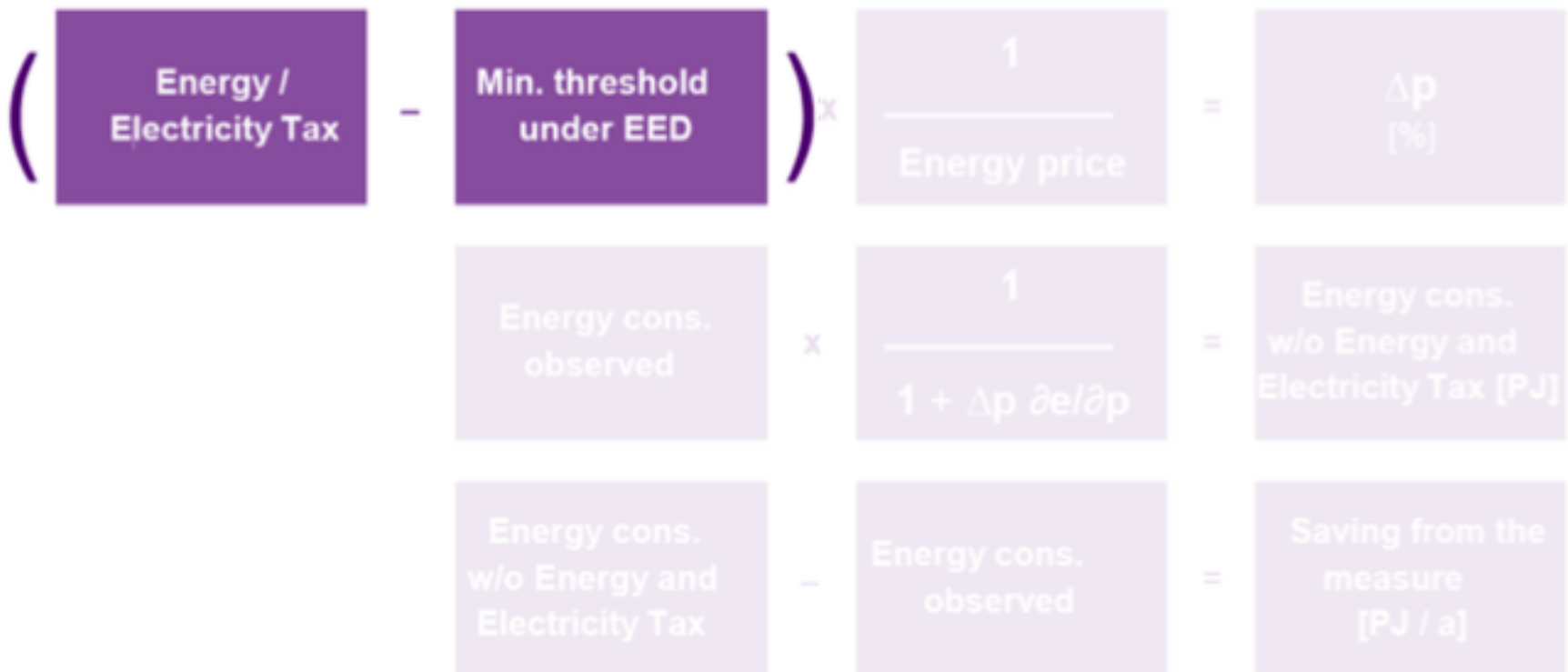


Source: H2020 EPATEE

Special case – new vehicles



Source: H2020 EPATEE



Source: EU Commission

Free riders

- Total free riders
- Partial free riders
- Deferred free riders

Spillover effects

- Participants
- Non-participants

Market effects

- Professionals
- Practices
- Product availability
- Prices

Source: Northeast Energy Efficiency Partnership



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