

Irish Green Building Conference 2015

Electric Ireland

**...challenges and opportunities from the
National Energy Efficiency Obligation scheme**

Electric Ireland Vision

Be the Number 1 energy supplier in delivery of smart and innovative solutions to Irish homes and business

‘Be Smart. Be Digital. Be No. 1’

Energy Efficiency – History of EU Directives

Energy Service Directives 2004 / 2006 / 2009/ 2010

- Support energy efficiency
- Voluntary agreement - SEAI/
Suppliers: 2011 to 2013

Energy Efficiency Directive 2012, Article 7

- Energy Efficiency Obligation
Scheme 2014 (SEAI)
- Alternative Measures - SME's

EU Target

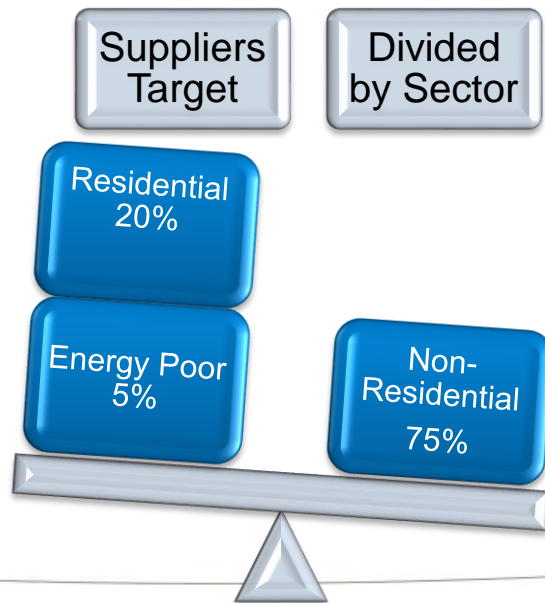
- 20% reduction in primary
energy usage by 2020

**Energy Efficiency Directive 2012
provides a common framework of measures for promotion of
energy efficiency across EU member states**

Energy Efficiency Obligation Scheme - Ireland

pursuant to the Energy Efficiency Directive 2012, Article 7

- *legal obligation on all member states to achieve energy savings*
 - *applicable to all obligated parties = energy suppliers (with yearly sales > 600GWh)*
-
- *the directive applies from Jan 1st 2014 to 31st Dec. 2020*
 - *1.5% of annual energy sales to customers by volume (averaged over 3yr.period prior to 2013) will be the annual energy savings target*
-



Targets are allocated to suppliers as per their share of energy market sales volume in Ireland.

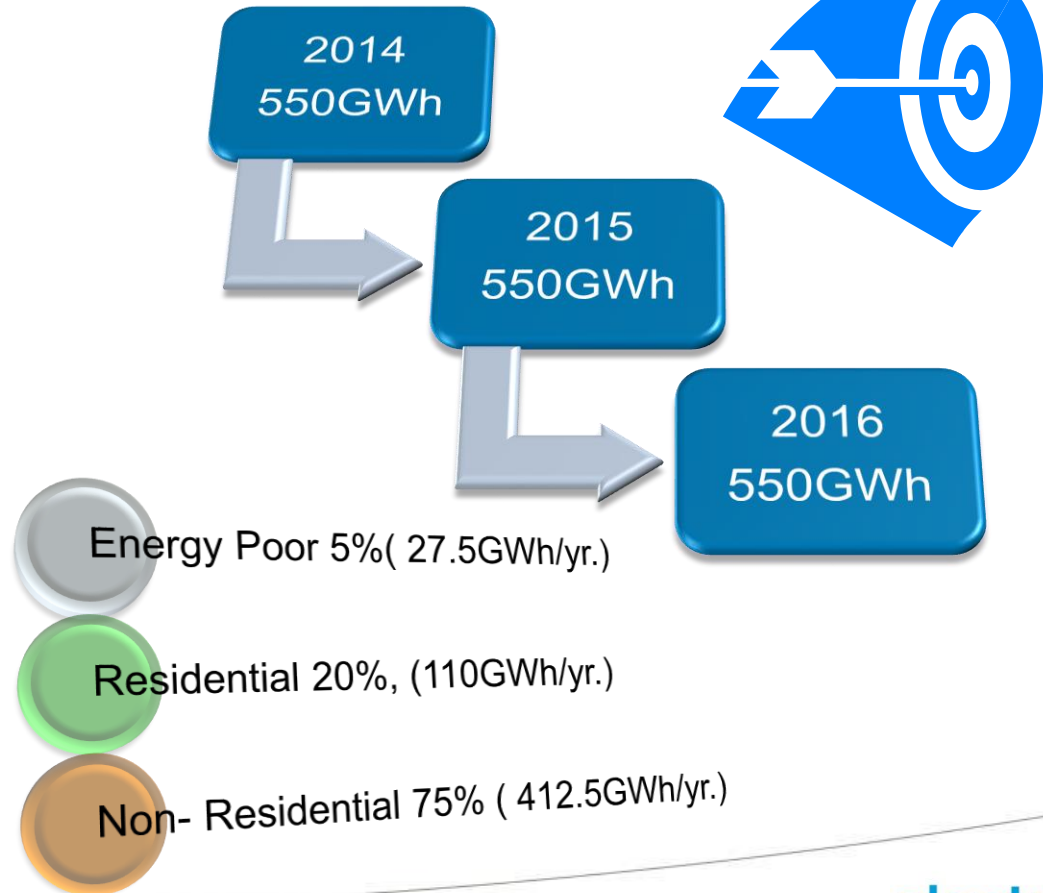
Energy Efficiency Obligation Scheme - Ireland

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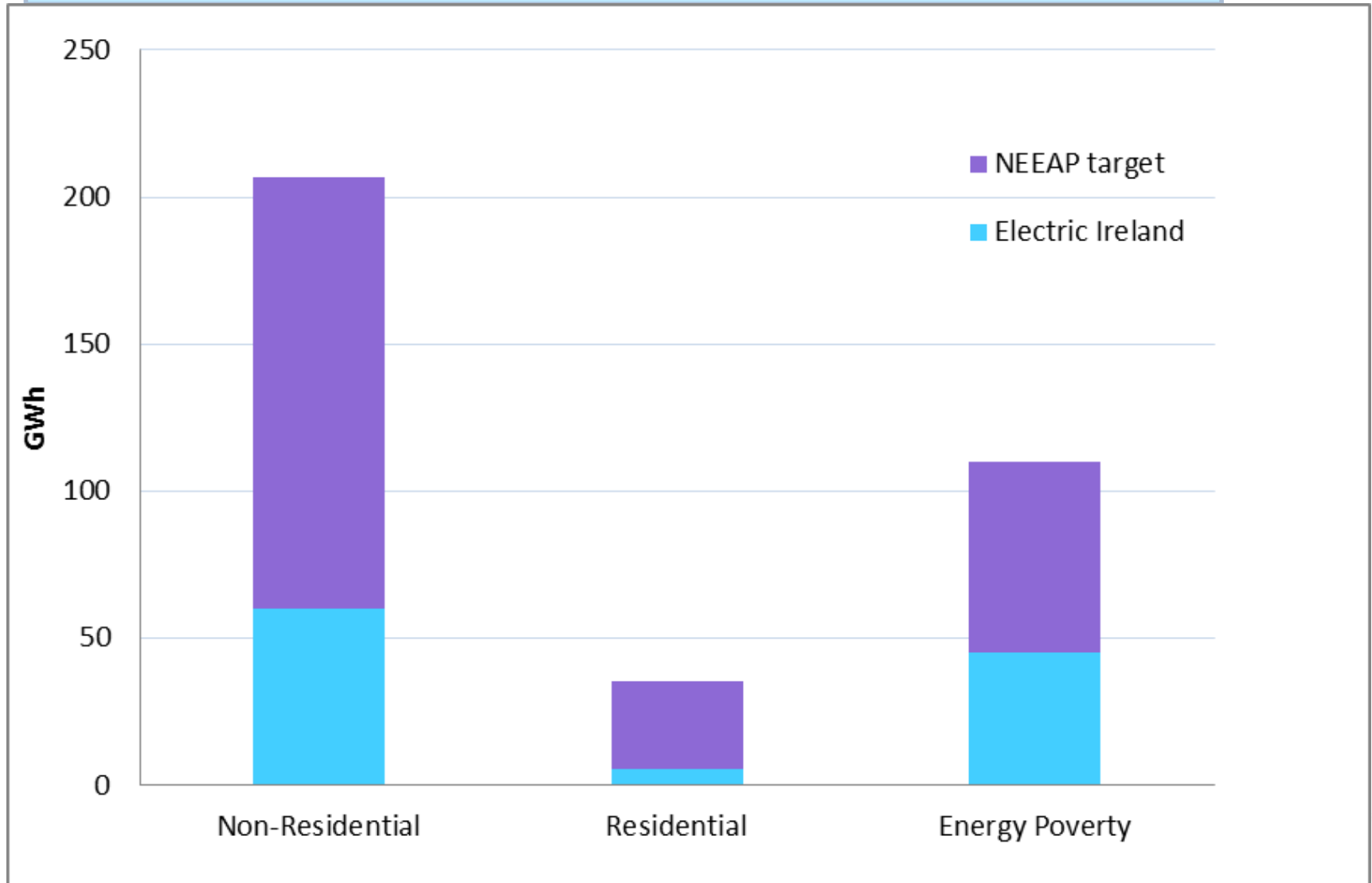
The Obligated Parties = Energy Suppliers

- SSE Airtricity
- Bord Gais Energy
- Bord Na Mona
- Calor Gas
- Electric Ireland
- Energia
- Flogas
- Gazprom
- Enprova/REIL
- Vayu

The Targets (PEE)



Contribution from Electric Ireland



Energy Efficiency Obligation Scheme – Ireland

How does Electric Ireland achieve its energy targets?

Energy Poor
5%

- Department of the Environment, Community and Local Government
- Better Energy Communities

Residential
20%

- Energy Efficiency Incentive Scheme
- Products/Services (e.g. gas boilers)
- Smarter Living – intelligent heating controls and new products

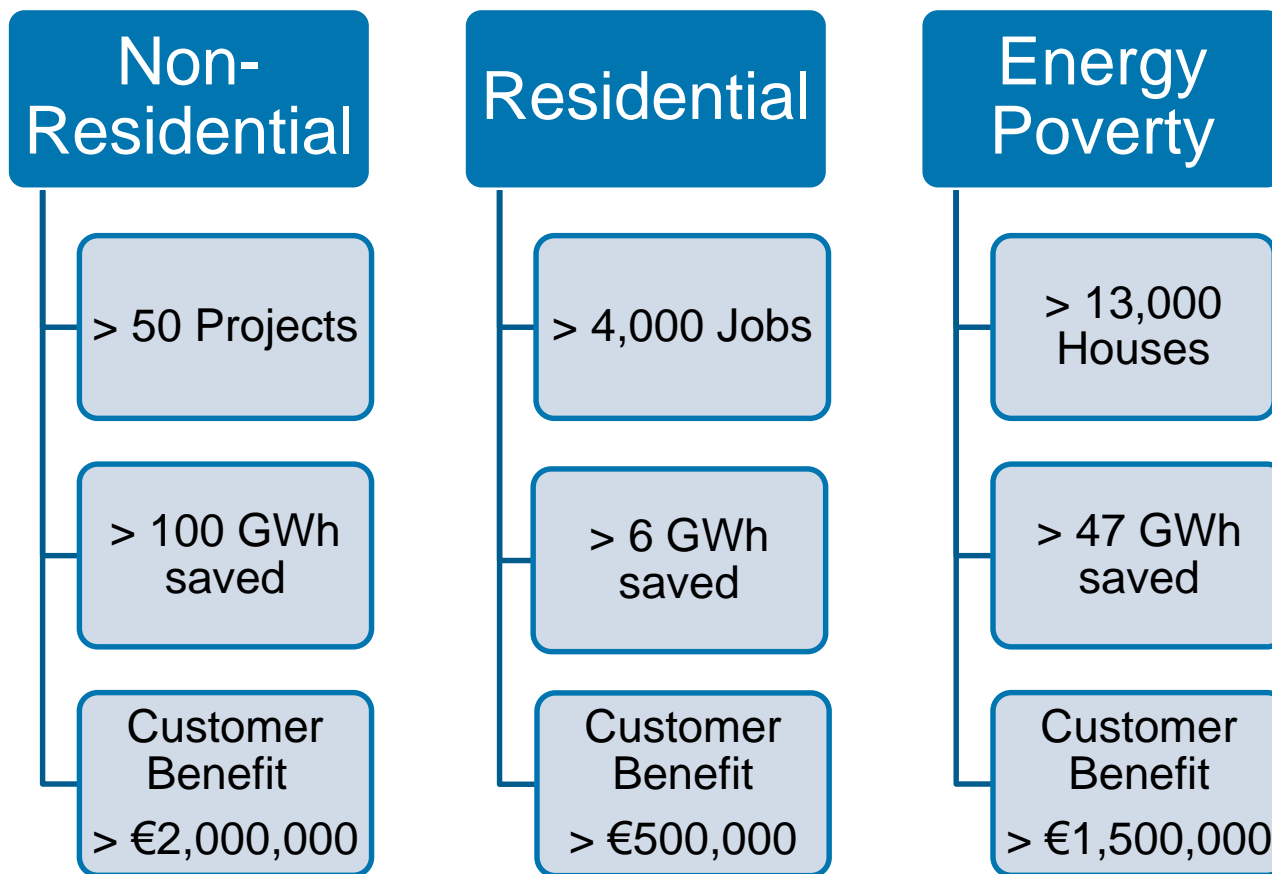
Non Residential
75%

- Business Energy Services
- Energy Efficiency Projects
- Customer Agreements

- Sustainability
- Additionality
- Causality

- Improves Customer Retention Rate
- Enhances Win Back Campaign
- Meets our obligation targets

Benefits of the Scheme – Electric Ireland’s impact





Comhshool, Pobal agus Riattas Áitiúil
Environment, Community and Local Government

Energy Poverty



Energy Poverty

~ 3,000 Houses

~ 15 GWh saved

Customer Benefit
> €1,250,000

Department of Environment, Community and Government (DECLG) – retrofit programme
Request for Projects in Q1/Q2 2014

Funding Make up
SEAI - 50%
Energy Supplier - 10%
Balance - 40%
✓ Energy Efficiency Up
Housing Stock
✓ Energy Utility Involve
Selection Process
✓ Knowledge of Housing

Project Types:
➤ Councils do the retrofit work
➤ Pre Work Inspection
➤ Post Work BER Certif
NABCO
Mitchel's
Smart Heating Controls
Climotes
■ Initial Contract – 1600 homes
■ Expanded – 3 year period



Residential Energy Programmes

Smart Heating Controls:

- Climote
- Nest
- Honeywell



Gas Boiler Service & Replacements

> 3,500 jobs delivered

Home Services – until mid 2014

- 602 Jobs
- 0.7 GWh



Residential Energy Programs

Energy Efficiency Scheme

- An incentive program for residential customers to adopt better energy efficiency.
- The incentive is applied to a customer's gas or electricity bill.

Residential

Wants a home improvement energy measure

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Ireland's Energy

Operating : since Sept 2014

Over 1,200 customers have participated

Generated over 6GWh energy savings worth over €500,000 in customer credits

Non-Residential

Non-Residential

15 Projects

~ 14 GWh saved

Customer Benefit
~ €400,000

Better Energy Community Commercial Projects

e.g. FutureFit GAA Projects

- Two parts – EnergyFit (training, mentoring, monitoring) and RetroFit (lighting, heating and cooling)
- 32 sub-projects/14 clubs saved total 0.8GWh of energy
- Estimated average saving of €9k per annum per club



Non-Residential



Non-Residential

40 Projects

~ 85 GWh saved

Customer Benefit
~ €2,000,000

Business Energy Services

- Working in close cooperation with Electric Ireland customers, incl. advice, energy assessments, project management and post-project measurement and verification of energy saved

e.g. Large Supermarket retailer

- multiple stores refurbished/retrofitted in 2014 ~ 12GWhs in lighting alone, further ~40 projects in 2015 planned

e.g. Dublin Airport Authority

- Collaborative agreement between ESB/EI and DAA to save 30% by 2020 incl. lighting refurbishments, cooling and heating projects

Innovation – the smart future, now

Smarter Living

- Working with
- Reducing ene

Smarter Living R

- 5,000 applicants
- multiple trials wi
- future of our cus
- Launched Janua

The flyer features the Electric Ireland logo at the top left. A central image shows a smiling woman with futuristic digital overlays. Below this, a group of people is seated in a circle, engaged in discussion. The text is arranged in a clean, modern layout with blue and white color schemes.

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Share your thoughts, shape Ireland's future

Dear customer,

At Electric Ireland, we're always excited to hear your ideas and feedback. Listening and learning from you helps us refine the products and services we offer you.

With this in mind, we'd like to invite all homeowners to register their interest to become part of our Smarter Living Research Panel. If you're selected, you'll be among the first to try our newest and most exciting products and services for free. With your help we can shape what we'll do for our customers in the future.

Your account number is XXXXXXXX you will be asked to verify this in the sign up questions.

Register your interest today!

The good news is that if you're selected to be a part of our panel, and once research is complete, the product is yours to keep.

Taking part won't take up a lot of your time - all we ask is that you give us feedback on a monthly basis and remain an Electric Ireland customer at the address of installation for a minimum of 18 months from panel sign up. That's it!

REGISTER NOW →

WIN AN IPAD AIR!

Everyone who registers their interest to join the Panel before Dec. 17th 2014 is entered in a draw to win one of four iPad Airs.

Don't delay!

Yours sincerely,
Teresa Fallon
Innovation Manager, Electric Ireland

community;

to shape the

Any Questions?