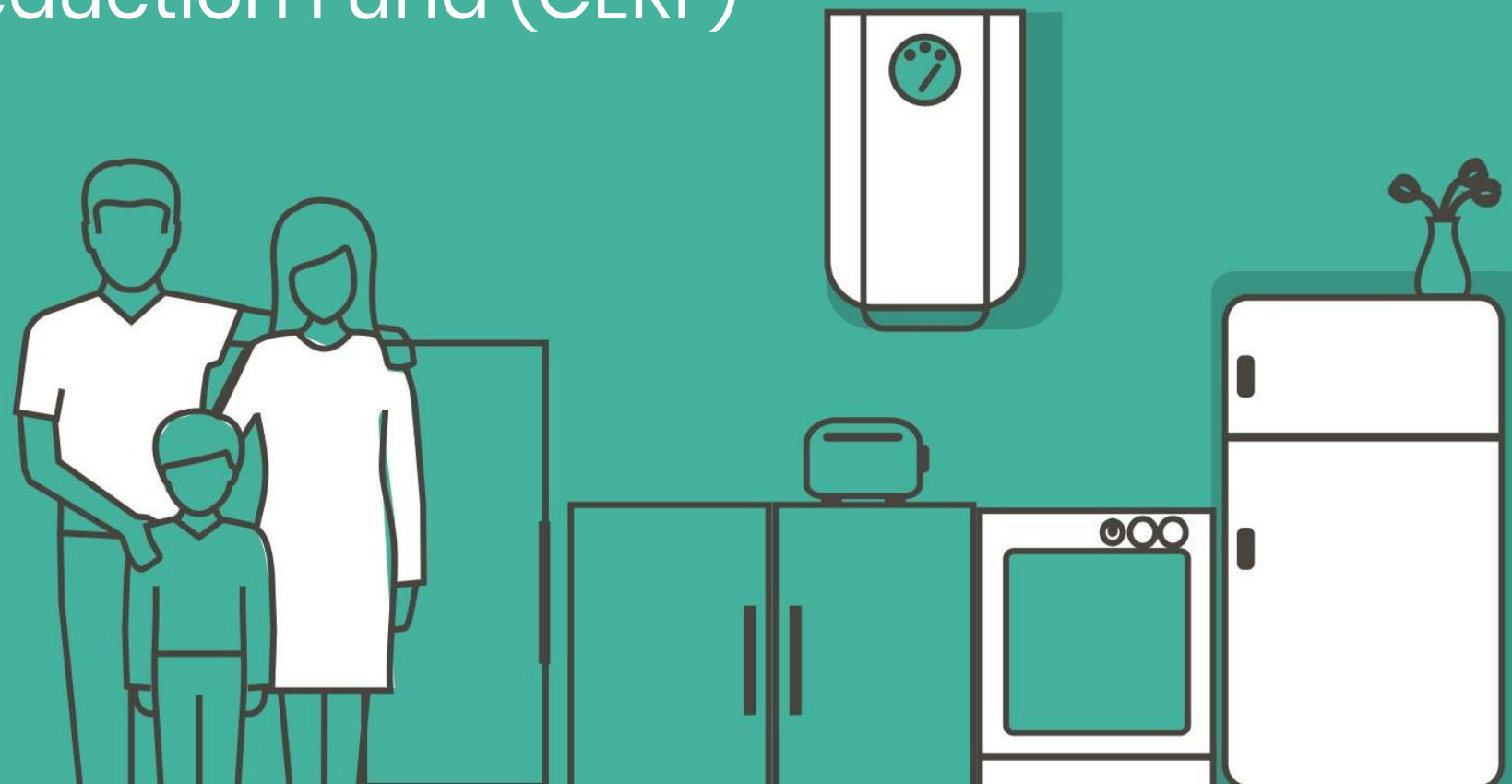
energy saving trust

Energy Redress

Carbon Emissions Reduction Fund (CERF)

Jan 21



Energy Redress Scheme

- The Scheme distributes voluntary payments from Ofgem regulated companies that may have breached rules
- Funding amounts vary as new payments are received
- We review funding on a quarterly basis (Jan, Apr, Jul, Oct)
- Round 10 details have been announced today!
- For further details see the Energy Redress website
- For help applying see the Introduction to Energy Redress recording - Energy Redress Webinars

Energy Redress principles

- Maximise positive impact of Redress money
  - cost effective projects with tangible outcomes
  - due diligence
  - avoid duplication
  - encourage collaboration
- Transparency
  - impact monitoring built in from the start
  - evidence based
  - communication of results

CERF budget & timing

- 15% of Energy Redress fund
  - annually £2-5m
  - first round £1 million
- launched: 10 December 2020
- submission deadline: 11 February 2021 (same as Round 10)
- future rounds will align with Main/Small/Innovation funding schedule from April (Round 11)

Scope

- Redress generally:
  - registered charities* (project lead)
  - Ofgem regulated area
  - outside suppliers' regulated obligations
    - no overlap with ECO, WHD
- CERF specifically:
  - benefit to all energy consumers
  - could potentially 'enable' RHI, GHG etc, but generally 'top-up' applications will not qualify

*Housing associations with exempt charity status are also eligible

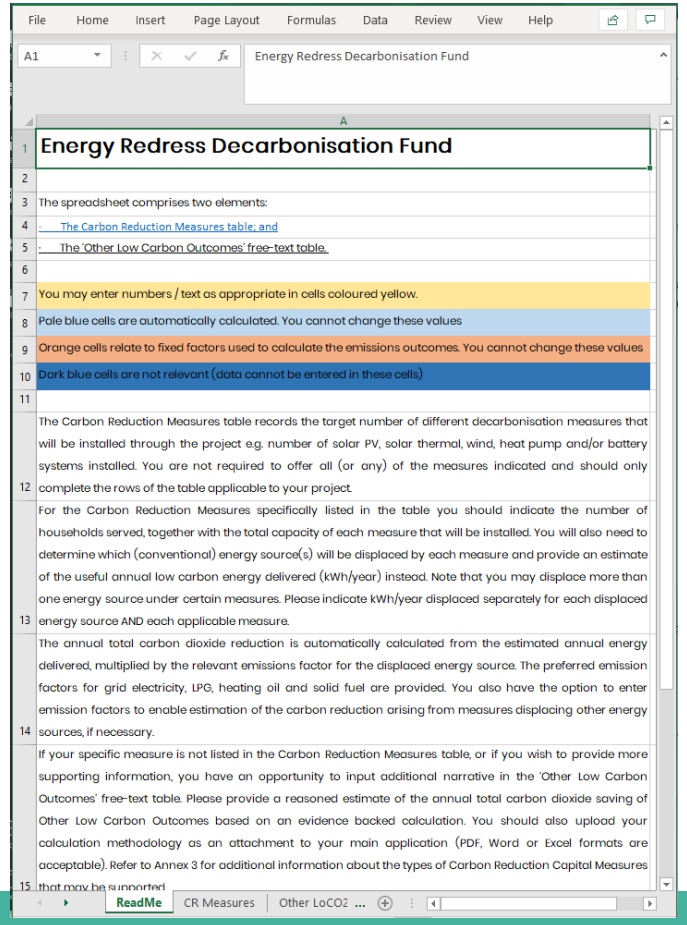
Updated guidance for applicants

- remains largely consistent with previous versions overall
  - additional acknowledgement of Covid-19
- CERF additions are boxed for ease of identification:
  - carbon reduction targets (section 2.10)
  - emphasis also on additionality and replication potential
- new Annex 3
  - carbon emissions reduction capital measures
- application form consistent across all funds
- Application pack | Energy Redress scheme

Carbon reduction targets

- balance carbon accounting against simplicity for applicants & project reporting
- additional spreadsheet with simple calculation table

Carbon Reduction Measures



Energy Redress Decarbonisation Fund

The spreadsheet comprises two elements:

- The Carbon Reduction Measures table; and
- The 'Other Low Carbon Outcomes' free-text table.

You may enter numbers / text as appropriate in cells coloured yellow.

Pale blue cells are automatically calculated. You cannot change these values

Orange cells relate to fixed factors used to calculate the emissions outcomes. You cannot change these values

Dark blue cells are not relevant (data cannot be entered in these cells)

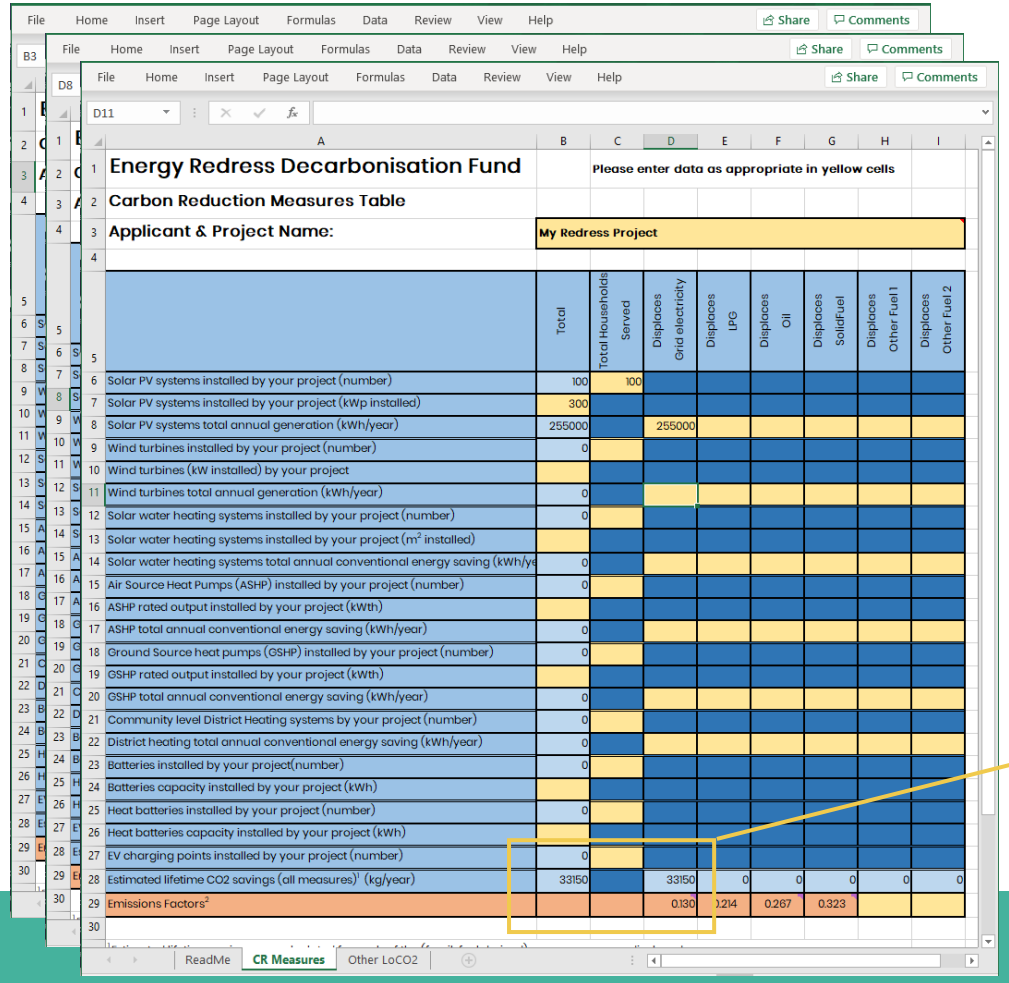
The Carbon Reduction Measures table records the target number of different decarbonisation measures that will be installed through the project e.g. number of solar PV, solar thermal, wind, heat pump and/or battery systems installed. You are not required to offer all (or any) of the measures indicated and should only complete the rows of the table applicable to your project.

For the Carbon Reduction Measures specifically listed in the table you should indicate the number of households served, together with the total capacity of each measure that will be installed. You will also need to determine which (conventional) energy source(s) will be displaced by each measure and provide an estimate of the useful annual low carbon energy delivered (kWh/year) instead. Note that you may displace more than one energy source under certain measures. Please indicate kWh/year displaced separately for each displaced energy source AND each applicable measure.

The annual total carbon dioxide reduction is automatically calculated from the estimated annual energy delivered, multiplied by the relevant emissions factor for the displaced energy source. The preferred emission factors for grid electricity, LPG, heating oil and solid fuel are provided. You also have the option to enter emission factors to enable estimation of the carbon reduction arising from measures displacing other energy sources, if necessary.

If your specific measure is not listed in the Carbon Reduction Measures table, or if you wish to provide more supporting information, you have an opportunity to input additional narrative in the 'Other Low Carbon Outcomes' free-text table. Please provide a reasoned estimate of the annual total carbon dioxide saving of Other Low Carbon Outcomes based on an evidence backed calculation. You should also upload your calculation methodology as an attachment to your main application (PDF, Word or Excel formats are acceptable). Refer to Annex 3 for additional information about the types of Carbon Reduction Capital Measures that may be supported

ReadMe | CR Measures | Other LoCO2 ...



Energy Redress Decarbonisation Fund

Please enter data as appropriate in yellow cells

Carbon Reduction Measures Table

Applicant & Project Name: My Redress Project

	Total	Total Households Served	Displaces Grid electricity	Displaces LPG	Displaces Oil	Displaces SolidFuel	Displaces Other Fuel 1	Displaces Other Fuel 2
Solar PV systems installed by your project (number)	100	100						
Solar PV systems installed by your project (kWp installed)	300							
Solar PV systems total annual generation (kWh/year)	255000		255000					
Wind turbines installed by your project (number)	0							
Wind turbines (kW installed) by your project								
Wind turbines total annual generation (kWh/year)	0							
Solar water heating systems installed by your project (number)	0							
Solar water heating systems installed by your project (m² installed)								
Solar water heating systems total annual conventional energy saving (kWh/ye	0							
Air Source Heat Pumps (ASHP) installed by your project (number)	0							
ASHP rated output installed by your project (kWth)								
ASHP total annual conventional energy saving (kWh/year)	0							
Ground Source heat pumps (GSHP) installed by your project (number)	0							
GSHP rated output installed by your project (kWth)								
GSHP total annual conventional energy saving (kWh/year)	0							
Community level District Heating systems by your project (number)	0							
District heating total annual conventional energy saving (kWh/year)	0							
Batteries installed by your project(number)	0							
Batteries capacity installed by your project (kWh)								
Heat batteries installed by your project (number)	0							
Heat batteries capacity installed by your project (kWh)								
EV charging points installed by your project (number)	0							
Estimated lifetime CO2 savings (all measures)[1] (kg/year)	33150		33150	0	0	0	0	0
Emissions Factors[2]			0.130	0.214	0.267	0.323		

ReadMe | CR Measures | Other LoCO2

Auto calculated

Carbon reduction targets

- balance carbon accounting against simplicity for applicants & project reporting
- additional spreadsheet with simple calculation table
  - for electricity: displaced grid, average CO_2
  - various options for fuel(s) displaced
  - opportunity to describe less common / innovative measures

Assessment of applications

- ‘business plan’ approach
  - strong concept, rationale, plan, team
  - viability (i.e. value for money)
- spreadsheet & carbon-accounting
- CERF applicants can append additional supporting information
  - evidence based explanation of CO_2 reductions & replication potential
  - keep it clear, concise and well-reasoned

Tips on preparing an application

- Sense check your own project
  - eligibility and compliance
  - cost effectiveness

- Answer the assessors' questions before they ask
  - risk management
  - additionality
  - replicability

- Use the guidance
  - have it open next to you

Contact us

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Energy Redress website - https://energyredress.org.uk/about-us

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