

Insight and Intelligence Directory

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Introduction: Insight and Intelligence

Since February 2023, Northern Powergrid has been piloting a strengthened approach to how it collaborates with local partners and has commissioned an independent research agency, Impact Research Ltd, to run a series of events and activities until December 2023. This scheme is called the ‘Stronger Together’ Partnership Programme.

The results from a survey in the first quarter of the Stronger Together Partnership Programme (sample size 21), found that partners were most in favour (as in ‘valued a great deal’) of receiving updates, insights and support from Northern Powergrid on funding opportunities (76%), updates on changes to policy regulation (71%) and key data on fuel poverty, LCTs and consumer vulnerability (67%).

Based on these findings, an output from the Stronger Together Partnership Programme is the development of an insight and intelligence reporting system that identifies the support available for partners in the Northern Powergrid region. This is detailed in this document and organised into the three key areas the pilot programme focused on (Decarbonisation, Consumer Vulnerability and Fuel Poverty) along with an ‘Other’ catch-all category containing information that does not meet the three key areas:

This directory, which will be updated on a quarterly basis, is designed to navigate partners towards resources and reports which provide valuable insights, or advice, so they can continue to support communities within the Northern Powergrid region.

Update log

<i>Date of update</i>	<i>Initials</i>

Decarbonisation

Source	Source name (and link)	Date accessed	Summary	Eligibility	Main insight				
Gov.uk	Apply for the Heat Network Efficiency Scheme (HNES) Round 2	16/05/23	<p>The Heat Network Efficiency Scheme (HNES) provides funding to public, private and third sector applicants in England and Wales to support improvements to existing district heating or communal heating projects that are operating sub-optimally and resulting in poor outcomes for customers and operators.</p> <p>It is a £32 million grant support programme spanning 2023-2024 (Year 1) and 2024-2025 (Year 2).</p>	<p>Closed (19th May 2023)</p> <p>The HNES is open to organisations in the public, private or third sectors in England and Wales.</p>	<p>Look out for successful grants in the area, which may benefit the customers and communities you support.</p>				
Gov.uk	Improving boiler standards and efficiency	16/05/23	<p>Closed consultation (21/03/23) on:</p> <ol style="list-style-type: none"> Proposals to improve boiler and heating system efficiency through improvements to minimum standards Proposals to mandate that from 2026 all newly-installed gas boilers are 'hydrogen-ready' The potential role of gas boiler-electric heat pump hybrids in heat decarbonisation in the 2020s and 2030s 	N/A	<p>Look out for consultation response for insight into what the people you support will receive in terms of improving boiler standards. Also provides insight into attitudes towards a newly-installed gas boiler being 'hydrogen-ready' from 2026 onwards, and the role of gas boiler-electric heat pump hybrids.</p>				
Gov.uk	Public Sector Decarbonisation Scheme: Phase 3	16/05/23	<p>The public Sector Decarbonisation Scheme provides grants for public sector bodies to fund heat decarbonization and energy efficiency measures.</p> <p>Summary of grant awarded in Phase 3a + b</p> <table border="1"> <tbody> <tr> <td>North East</td> <td>£14,671,168</td> </tr> <tr> <td>Yorkshire and the Humber</td> <td>£66,989,353</td> </tr> </tbody> </table>	North East	£14,671,168	Yorkshire and the Humber	£66,989,353	Public sector bodies	<p>Look out for successful grants in the area, which may benefit the customers and communities you support.</p> <p>A full list of the successful projects in the area can be found in appendix 1.1.</p>
North East	£14,671,168								
Yorkshire and the Humber	£66,989,353								

			Phase 3c application is expected to open to applications in autumn 2023.		
Gov.uk	Energy Trends: UK electricity	16/05/23	National statistics – Data on electricity generation, supply, consumption and fuel use for generation.	N/A	<p>Resource – National statistics</p> <ul style="list-style-type: none"> • In the final quarter of 2022, the fall in domestic demand for gas dropped by 15% and 7% for electricity despite similar temperatures to last year • On the back of record high temperatures and higher energy prices in 2022, domestic (i.e., household) consumption dropped 15% on 2021 to levels last seen in the early 1970s.
Centre for Sustainable Energy	New CSE research reveals overcoming lack of understanding could unlock support for heat network zones	16/05/23	<p>New research reveals lack of understanding of heat network zones</p> <p>A general lack of understanding is one of the biggest barriers to establishing heat network zones. This research explores how policies can be developed to address this and other issues.</p>	N/A	<p>Resource – future of heat networks. Useful insight into customer attitudes and to be aware that this may impact your organisations and the customers you support in future.</p> <ul style="list-style-type: none"> • Local authorities are likely to broadly support zoning if it is the best and most cost-effective route to decarbonisation and support mandatory connections for public sector buildings and new builds where this is low carbon, locally appropriate and makes strong economic sense. • A majority (73%) of domestic owner-occupiers surveyed said they would be very or fairly likely to join a heat network voluntarily. They want to know that the connection costs are fair and affordable, that connecting to a heat network offered the lowest cost low carbon option available to them and that it will not affect the saleability or value of their home. Fewer than half of owner-occupiers expected to contribute to installation or enabling costs.

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					<ul style="list-style-type: none"> In other ongoing work for BEIS, CSE is developing a robust but flexible approach for identifying zones. The approach will then be used to identify 'heat network zones'. Buildings within these zones would be required to connect to the network where it is the most efficient heating solution available. The zones will give clarity to building owners and occupiers about the most suitable option for decarbonising heat supply for their building.
Ofgem	Environmental and Social Schemes	16/05/23	List of current schemes Ofgem administer:	N/A	<p>Resource – current schemes Ofgem administer</p> <ul style="list-style-type: none"> Boiler upgrade Scheme - replacing existing gas or boilers with a low carbon-heating system - opened in May 2022 Domestic Renewable Heat Incentive
Energy & Climate Intelligence Unit	Energy & Climate Intelligence Unit – Net Zero	16/05/23	Daily updates regarding debate on energy and climate change, with regular Net Zero Tracker updates as well. Website also has many briefings, infographics, polling cards, reports and videos on energy and climate change	N/A	May wish to sign-up to newsletter
North East & Yorkshire Net Zero Hub	North East & Yorkshire Net Zero Hub – April Policy updates	16/05/23	Useful insight and monthly policy, consultation and useful info briefings with links to summaries	N/A	<p>Resource – April policy updates</p> <ul style="list-style-type: none"> Strategy policy updates Consultations opportunities and reviews Fundings announced Research and statistics
Centre for Sustainable Energy	Smart & Fair Programme Report	16/05/23	The Smart & Fair programme began by researching the capabilities consumers need to participate in and benefit from the smart flexibility energy system.	N/A	Resources – Report – insight may be useful for customer attitudes and barriers to low carbon technology and energy market take up/participation:

	<p>Profiling tool</p> <p>Guidelines for smart energy practitioners and commissioners: a first draft</p>				<ul style="list-style-type: none"> • Capability Lens – concept designed to enhance understanding of the demands placed on domestic consumers by different smart energy offers, technology advances, and emerging energy market development • Profiling tool – assess systematically the capabilities and characteristics required for households to participate in one or multiple smart energy offers (based on the Capability Lens) • Guidelines for smart energy practitioners and commissioner to ensure fairly distributes participation in domestic customers. <p>Consumer Classification Model – identifies, characterises, quantifies and locates consumers on the basis of how well they match the offer profiles produces with the Offer Profiling Tool and therefore their likely engagement with offers.</p>
<p>Community Energy England</p>	<p>Community Energy Fortnight</p>	<p>16/05/23</p>	<p>Community Energy Fortnight (CEF) is a vibrant nationwide campaign reaching thousands of people and involving hundreds of organisations and it is a great opportunity to make your organisation's activities visible within the local community and show the rest of the sector, and important stakeholders, what community energy is all about.</p>	<p>N/A</p>	<p>Event – may wish to get involved</p> <p>Great Big Green Week</p> <p>The first week, 10-18 June, coincides with the Climate Coalition's 'Great Big Green Week'. It focusses on showing politicians what great work is happening locally and urging them to get the government to step up with better delivery on climate goals, including supporting local climate action and community energy. Please consider doing a public event (a discussion, workshop, guided tour..) or having a presence at one that's already happening, inviting your MP to attend and lobbying them for more support for community energy. Visit the GBGW website for</p>

					<p>brilliant how to resources and to register your event.</p> <p>Skills Sharing</p> <p>We also want to use the fortnight to influence the skills environment in which community energy organisations operate by equipping and encouraging them to overcome barriers and start new or expand existing activities. Our goals are to:</p> <p>Develop new resources to address skill gaps Raise awareness of resources and training opportunities Encourage practitioners to connect with groups who have the skills and expertise they need. We are inviting you, and your organisation, to help strengthen our community energy learning so we can connect, perform better and contribute to improving and expanding the skill set and training provision within the sector.</p> <p>A range of resources available to help get involved with Community Energy Fortnight available to download.</p>
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Consumer Vulnerability

Source	Source name (and link)	Date accessed	Summary	Eligibility	Insight
Ofgem	Consumer Vulnerability Strategy 2025	16/05/23	Following consultation, this was published to outline the priorities and strategies by Ofgem to protect gas and electricity consumers in vulnerable situations until 2025.	N/A	Resource – Ofgem priorities to help protect gas and electricity consumers in vulnerable situations until 2025. Use to better defend customers. (1) Improving identification of vulnerability and smart use of data. (2) Supporting those struggling with their bills. (3) Driving significant improvements in customer service for vulnerable groups. (4) Encouraging positive and inclusive innovation. (5) Working with partners to tackle issues that cut across multiple sectors.
VONNE	VONNE – Events/ Child Poverty Strategy	16/05/23	Upcoming events: <ul style="list-style-type: none"> North East VCSE Policy Forum – Child Poverty Strategy for the North East – 06/06/23 Aim: to form a unified VCSE sector voice to policy makers at a local, regional and national level.	They want to hear from as many different organisations as possible from every sector across the North East	May want to sign up for the event.

Fuel Poverty

Source	Source name (and link)	Date accessed	Summary	Eligibility	Insight
Gov.uk	National Statistics: Fuel poverty trends 2023 Word report Excel – additional data Factsheet	16/05/23	Fuel poverty long term trends under the Low-Income Low Energy Efficiency (LIFEE) indicator dating back to 2010 <ul style="list-style-type: none"> Regional breakdown: Northeast, Yorkshire, Northern Lincolnshire Overall fuel poverty rates in the UK 	N/A	Overall stats: <ul style="list-style-type: none"> There is a high level of variation in fuel poverty rates between regions. The West Midlands had the highest rate of fuel poverty at 19.2 per cent, compared to 8.6 per cent in the South East. Households living in rural areas have the highest fuel poverty rate of 15.9 per cent in 2022 and the largest fuel poverty gap at £956. The highest level of fuel poverty was in the private rented sector with 24.1 per cent of these households being fuel poor. There is a higher proportion of band A- C properties that are socially rented compared to owner occupied and privately rented properties. Social housing properties tend to be more energy efficient driving lower levels of fuel poverty despite having the lowest median incomes Single parent households have consistently had the highest proportion of households in fuel poverty. In 2022, 26.4 per cent of single parent households were fuel poor likely due to their considerably lower median income (see figure 3.18) but the lowest average fuel gap of £255 due to a high energy efficiency rating. Households where the household reference person is unemployed are almost three times more likely to be in fuel poverty than the national average NPg region specific stats (Breakdowns available in sub-regional stats): <ul style="list-style-type: none"> Yorkshire and Humber – Proportion of households in fuel poverty 15.9%, Fuel poverty gap £305 North East – Proportion of households in fuel poverty 13.1%, Fuel poverty gap £278
Gov.uk	Committee on Fuel Poverty	16/05/23	Latest updates: <ul style="list-style-type: none"> 14/05/23 – Energy Company Obligation 	N/A	Look out for findings of research project aimed to better understand the issues faced by those in fuel poverty and how these issues can be addressed (LSE)

			<p>(ECO+) 2023-2026: CFP response to BEIS consultation</p> <ul style="list-style-type: none"> 14/05/23 – Prepayment rules and protections: CFP response to the OFGEM call for evidence 17/03/23 – Research project: Understanding the challenges faces by fuel poor households this winter 2022 to 2023 		<ol style="list-style-type: none"> 1. Rapid Evidence Assessment (REA) - looking at the materials relevant to fuel poverty 2. Online research: Gathering real-time evidence on the lived experiences of households in fuel poverty 3. Workshop: Holding a series of workshops with key Stakeholders <p>Expected to be published in Spring</p>
Gov.uk	Press releases from Department for Energy Security & Net Zero	25/05/23	<p>Social housing decarbonising fund wave 1 statistics</p> <p>Data monitoring the installation of energy efficiency measures in domestic properties via the Social Housing Decarbonisation Fund (SHDF) scheme in England.</p>	N/A	<p>Tables looking at the data of the councils and English geographic region’s performance on households upgrade and measures installed can be found in appendix 2.1.</p> <p>Latest update: 18th May 2023 Next update: 22nd June 2023</p> <p>The excel contains:</p> <ul style="list-style-type: none"> • Table 1: Number of Measures Installed by month • Table 2: Number of Households Upgraded by Month • Table 3: Number of Measures Installed and Average Measure Cost by Measure Type • Table 4: Number of Households upgraded and measure installed by signed-up LA • Table 5: Number of Households Upgraded and Measures installed by English Geographic region • Table 6: Number of Measures Installed and Households Upgraded by Parliamentary Constituency • Table 7: Number of Measures Installed by Measure Group and Property Type • Table 8: Number of Households upgraded and Measures installed by English Local Authority • Table 9: Pre and Post Install EPC Upgrade Matrix

Gov.uk	Home upgrade grant (HUG) 2: Successful local authorities	25/05/23	<p>The Home Upgrade Grant (HUG) will provide energy efficiency upgrades and low carbon heating via local authority funding, to households in England that are low income, off the gas grid or have an Energy Performance Certificate (EPC) between D and G.</p> <p>Regional breakdown for HUG Phase 2:</p> <table border="1" data-bbox="638 656 1026 764"> <tr> <td>North East</td> <td>£28.5 million</td> </tr> <tr> <td>Yorkshire and the Humber</td> <td>£41.1 million</td> </tr> </table>	North East	£28.5 million	Yorkshire and the Humber	£41.1 million	N/A	<p>Look out for successful grants in the area, which may benefit the customers and communities you support.</p> <p>A list of LAs in the Northern Powergrid area awarded funding under the second phase can be found in appendix 2.2.</p>
North East	£28.5 million								
Yorkshire and the Humber	£41.1 million								
Centre for Sustainable Energy	News – Fuel Poverty	16/05/23	<p>Latest updates:</p> <ul style="list-style-type: none"> • 18/05/23 – Fairer terms for PPM customers • 17/01/23 - CSE calls for new social tariff to help older and disabled households heat their home 	N/A	Resource – news, commentaries, announcements on fuel poverty and more				
Ofgem	Information for consumers	16/05/23	<p>Contains energy advice for households/ businesses including:</p> <ul style="list-style-type: none"> • Energy price cap explained • Find your supplier • Get help if you can't afford your bills • Make a complaint about Energy Supplier 	N/A	<p>Resource –</p> <ul style="list-style-type: none"> • May wish to use as a reference to design/ communicate changes and tips for the clients/ customers supporting 				
Ground work	Green Doctor	16/05/23	Free advice for saving energy, reducing bills and warming	N/A	Resources –				

	<p>Tips and advice</p> <p>Guide for social housing providers</p>		<p>home more efficiently. Includes films and pdf guides on various home improvements and energy-saving behaviours that can be made. Green Doctors also provide personalised consultancy work</p>		<ul style="list-style-type: none"> • May wish to explore collaboration to get support on fuel poverty and training and resource to educate and support customers/ community <p>Tips and advice</p> <ul style="list-style-type: none"> • PDF guides: Quick guide on installing draft strips, Energy saving action plan, How to install LED Lights etc. • Video guides: Setting your storage heater to save money and keep warm, Top five most energy hungry appliances in your home, saving money by adjusting your hot water temperature etc. <p>Guide for social housing providers</p> <ul style="list-style-type: none"> • Event recordings: How to identify and support tenants experiencing fuel debt and How to help your residents cope with the rising cost of energy this winter.
Gov.uk	<p>Domestic private rented property: minimum energy efficiency standard – landlord guidance</p>	16/05/23	<p>Guidance for landlords of domestic private rented property on how to comply with the 2018 ‘Minimum Level of Energy Efficiency’ standard (EPC band E). Inc. routes to funding, efficiency savings of interventions etc.</p>	N/A	<p>Resource – Guidance, useful to understand landlord obligations towards the customers you are advising.</p> <p>Guidance for landlords of domestic private rented property on how to comply with the 2018 ‘Minimum Level of Energy Efficiency’ standard (EPC band E). Inc. routes to funding, efficiency savings of interventions etc.</p>
Ofgem	<p>Consumer attitudes to involuntary prepayment meter installation rule change</p> <p>Involuntary PPM – Supplier Code of Practice</p>	16/05/23	<p>The research explored:</p> <ul style="list-style-type: none"> • Consumers’ views on which groups of vulnerable consumers should be protected from energy debt collection and risk of self-disconnection (through involuntary PPM installation) • Consumer attitudes towards cross-subsidisation on bills to protect vulnerable 	N/A	<p>Resource – results of research into Involuntary prepayment meter</p> <p>Consumer attitudes to involuntary PPM installation rule change</p> <ul style="list-style-type: none"> • British energy consumers instinctively oppose the practice of energy suppliers force-fitting PPMs as a debt recovery measure. 61% opposed this practice in our online survey and just one in five support it. • There are a range of reasons for this: (1) Consumers were acutely aware of the rising cost of living in Britain today and the role that rising energy prices are playing in it. Most are experiencing this themselves one way or another and therefore there is a great deal of sympathy for those that may be getting into debt as a result. (2) There was much less sympathy for energy suppliers seeking to recover debt from

			<p>groups from being moved onto PPMs and the trade-offs around this</p> <ul style="list-style-type: none"> • Consumers' 'Willingness to pay' to protect vulnerable consumers from energy debt collection through involuntary PPM installation 	<p>unpaid bills, as consumers tended to think they should just absorb this debt within profits that consumers perceive to be increasing and excessive. This sentiment remained even when the difference between wholesale and retail energy suppliers was explained. (3) PPMs themselves were seen as expensive, inconvenient, and punitive by many non-users, which only made them more resistant to the practice of force-fitting by suppliers.</p> <ul style="list-style-type: none"> • British energy consumers did not think they should be the ones paying to protect these groups through higher bills. They tended to feel that energy suppliers can afford to do this themselves one way or another or that there should be some form of government scheme that does this. • When presented with the trade-off between protecting vulnerable customers and rising energy bills, British energy consumers reject the premise. They instinctively oppose the practice of suppliers force-fitting PPMs as a debt recovery measure. However, they show only limited willingness to pay extra on their bill to protect vulnerable groups from the practice. In an environment where consumers think the cost of living is rising, energy bills are a key driver of the rise and suppliers are perceived to be making excessive profits, this limited willingness is unlikely to change. <p>Supplier Code of Practice:</p> <ul style="list-style-type: none"> • Sets out clear expectation on when it is acceptable to move a customer involuntarily to a PPM • Suppliers must be sure of, where possible, the validity of the debt amount and liability of any customers • Multiple contact attempts by a range of methods and site welfare visit before involuntary PPM • Site welfare visit and installation teams to be appropriately trained with clear expectations on their behaviour • Welfare officer/ edge case decision maker present on site welfare visits
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					<ul style="list-style-type: none"> Suppliers must check in shortly after installation and then again regularly.
Ofgem	Ofgem launches national evidence call on prepayment meters Energy regulator outlines next steps on forced Prepayment Meter (PPM) installations	16/05/23	<p>Invitation for consultation to gather information closed.</p> <p>Next steps on forced PPM installations.</p>	N/A	<p>Resource – Research</p> <ul style="list-style-type: none"> Called on all suppliers to use the pause in installations to review all of their recent forced and remotely switched PPM installations, and consider if any need to be reversed, and compensation offered where the strict rules have not been followed <p>Resource – published new standards for forced Prepayment Meter (PPM) installations which is useful information for advising the affected customers you support.</p>

Other

Source	Source name	Date accessed	Summary	Eligibility	Insight
Energy Systems Catapult	Increasing diversity in the heating sector to address the skills shortage and meet Net Zero	16/05/23	<p>This project is part of Energy Systems Catapult’s work on Skills and Training for Net Zero Homes and complements the Fair Futures Programme, which was created to predict and prevent risks that can come from innovation and ensure everyone can enjoy the benefits. Energy Systems Catapult worked with Livework to address the following research objectives:</p> <ul style="list-style-type: none"> • Identify and explore the barriers for women and ethnic minorities working in the heating sector • Identify opportunities for improving diversity and growing the workforce • Explore how a more diverse workforce might support the Net Zero transition <p>The report was produced in partnership with Livework who conducted both desk research and a series of structured interviews with participants across the heating industry. A mix of participants were sought with men, women, and ethnic minorities being interviewed for the report.</p>	N/A	<p>Resource – result of research may be useful for promoting STEM and skills diversity programmes</p> <p>The research highlights that the key needs for women and ethnic minorities entering or staying in the heating sector are:</p> <ul style="list-style-type: none"> • Increased availability and awareness of fair job opportunities • The option to train and work flexibly • A healthy and inclusive environment, in which they feel a sense of belonging <p>Although focussed on recruitment of installers some good general insight including from other studies:</p> <p>WaterSafe conducted a survey revealing that: (Cherry, A., 2021) would prefer a female plumber. The main reasons being</p> <ul style="list-style-type: none"> • they feel safer with a woman (37%), • they feel they wouldn’t be ripped off by a female (12%), • they trust advice from a woman more than a man (10%) • and that a woman is less likely to patronise them (10%). <p>Gender stereotypes impact children’s career aspirations In a study with 13,000 pupils, 36% of the children based their career ambitions on someone they knew, and for those that didn’t 45% claimed they were heavily influenced by TV, film and radio. (UCL, 2018)</p> <p>Main barriers covered are:</p>

					<ul style="list-style-type: none"> • Increase availability and awareness of fair job opportunities • Societal bias and stereotypes • Implicit bias fuelling a flawed recruitment process • Networking and nepotism promoting unfair recruitment practices • Need to tailor training to individuals' needs, prior experiences and ambitions - One size does not fit all • Lack of financial support (training) • Lack of flexible training and working Training environments are not gender inclusive • Bullying vs banter: Wanting to belong but feeling excluded • Toxic masculinity creates mental health concerns • Lack of trust in female tradespeople from male counterparts • Sector fragmentation can lead to isolation
Citizens Advice	AdviserNet	16/05/23	<p>A paid online research for every adviser, covering all welfare issues from employment to benefits, housing to debt. Aimed at local citizens advice and their team of advisers.</p> <p>Subscription requires an application process and is only available to organisations who provide advice services to the public and whose services coincide with the public benefit values of citizens advice</p>	N/A	May wish to subscribe

Appendix

1.1 Recipients of Public Sector decarbonisation Fund

Phase 3 of the Public Sector Decarbonisation Scheme is investing £1.425 billion over the financial years 2022-2023 to 2024-2025.

- The first Phase 3 application window, Phase 3a, opened on 6 October 2021 and closed on 3 November 2021. £613 million was awarded to 231 grant recipients through Phase 3a.
- The second application window, Phase 3b, opened on 12 October 2022 and closed on 31 October 2022.

We have already made available over £1 billion through Phases 1 and 2 of the Public Sector Decarbonisation Scheme over 2020-2021 and 2021-2022.

Phase 1 of the scheme was part of the Chancellor’s ‘Plan for Jobs 2020’ commitment to support the UK’s economic recovery from COVID-19, supporting up to 30,000 jobs in the low carbon and energy efficiency sectors.

- Regional funding breakdown for Phase 3b is:
 - North East: £7,636,389
 - Yorkshire and the Humber: £21,737,561

Latest recipients of funding through the Public Sector Decarbonisation Scheme in the Northern Powergrid area, include:

NORTH EAST	
DURHAM COUNTY COUNCIL	Awarded £389,062 to decarbonise Meadowfield Depot, one of the Council’s MOT testing centres. Air source heat pumps will be installed to heat the canteen, welfare centre and offices that are on the site, and new energy-efficient air handling units will be fitted. Upgrades will also be made to the building energy management system.
DURHAM UNIVERSITY	Awarded £1,127,202 to decarbonise Boldon House office building. The existing end-of-life gas boilers will be replaced with air source heat pumps, and solar panels will be installed to provide a source of renewable energy. The energy efficiency of the building will also be improved through the installation of double glazing and roof insulation.
HOME OFFICE	Awarded £1,298,509 to decarbonise an accommodation building, the Cannock Building, at the College of Policing in Ryton. Gas boilers will be replaced with air source heat pumps, insulation and LED lighting will be installed, and upgrades will be made to the building energy management system. The Home Office is based in Greater London and will invest this funding in the North East.
NEWCASTLE COLLEGE GROUP	Awarded £850,777 to decarbonise Kidderminster College. End-of-life gas boilers will be replaced with air source heat pumps and solar panels will be installed on the south side of the building. The fixture of LED lighting, new lighting controls and heating pipework insulation will also improve the energy efficiency of the building.
NORTHUMBRIA POLICE	Awarded £608,052 for 2 projects to replace gas-fired heaters and boilers with air and water source heat pumps at Whickham and Alnwick Police Stations. Light fixtures will be upgraded to LED lighting, double glazing will be installed, the building energy management system will be upgraded, and loft insulation will be fitted at both sites.

NORTHUMBRIA UNIVERSITY, NEWCASTLE	Awarded £1,943,490 to decarbonise the library, the reception buildings, and the Sports Centre at Coach Lane East campus. The end-of-life gas heating systems will be replaced with air source heat pumps. At the library and reception, solar panels and LED lighting will also be installed.
REDCAR AND CLEVELAND BOROUGH COUNCIL	Awarded £544,297 to support the decarbonisation of Highcliffe Primary School. An air source heat pump will replace old gas fired boilers and a variety of energy efficiency improvements will be installed, including pipework improvements, a new building energy management system, storage for excess heat, and variable speed drives, which help control the flow of energy and automatically reduces its use when not required.
TEESSIDE UNIVERSITY	Awarded £875,000 to replace the existing gas heating systems at Woodlands Halls student accommodation with air source heat pumps and electric boilers. Cavity wall and loft insulation, and double glazing, will also be installed to improve the energy efficiency of the buildings.
YORKSHIRE AND HUMBER	
HULL COLLABORATIVE ACADEMY TRUST: DORCHESTER PRIMARY SCHOOL, BRANSHOLME	Awarded £688,318 to replace 11 gas boilers with new air source heat pumps at Dorchester Primary School in Bransholme. Solar panels will also be installed to provide a source of renewable energy.
HUMBER TEACHING NHS FOUNDATION TRUST	Awarded £1,879,917 to upgrade Alfred Bean Hospital, Hornsea Cottage Hospital, and two sites providing mental health outpatient services: St Andrews Place clinic and Westend clinic. Air source heat pumps and LED lighting will be installed in each site, and insulation will be installed at each site except for Westend clinic.
LEEDS CITY COUNCIL	Awarded £10,182,458 for 2 projects to decarbonise 12 schools, a sixth form college, 2 leisure centres and 5 heritage sites across the local authority, including Armley Mills, which houses Leeds Industrial Museum. Gas-fired boilers will be replaced with air source heat pumps at all sites and a variety of energy efficiency measures will also be installed, including improvements to the heating distribution pipework and the installation of insulation, hot water flow restrictors, heat storage and building energy management systems.
LUMINATE EDUCATION GROUP, LEEDS	Awarded £1,676,987 to replace old gas-fired boilers at Leeds Conservatoire, a specialist music and performing arts college, and subsequently connect the site to an existing heating network. Energy efficiency improvements include the installation of double glazing and new LED lighting, as well as the replacement of air handling units and the building's cooling system.
MID YORKSHIRE HOSPITALS NHS TRUST	Awarded £834,243 to decarbonise 3 buildings: the Ashton Centre at Pinderfields Hospital, and Woodkirk House and Cullingworth Nurses Home at Dewsbury District Hospital. Air source heat pumps, loft insulation and building energy management system upgrades will be installed in all 3 buildings, and solar panels will also be installed at Woodkirk House and Cullingworth Nurses Home to generate renewable energy.
SOUTH YORKSHIRE POLICE	Awarded £536,554 to decarbonise Wombwell Police Station. The building's coal fired boiler will be replaced with a ground source heat pump, solar panels and heating controls will be installed, and double glazing, LED lighting and loft insulation will improve the energy efficiency of the building.

STAR MULTI ACADEMY TRUST: KIRK FENTON CHURCH OF ENGLAND PRIMARY SCHOOL, TADCASTER	Awarded £323,667 to install a ground source heat pump at Kirk Fenton Church of England Primary School in Tadcaster. Solar panels will also be installed to produce renewable electricity, and double-glazed windows will be installed to improve the energy efficiency of the school.
UNIVERSITY OF BRADFORD	Awarded £2,473,000 to decarbonise the JB Priestley Library and the Student Central building, which holds the students’ union and student support services. An air source heat pump and solar panels will be installed, alongside a variety of energy efficiency measures such as LED lighting, upgrades to the air handling units, energy efficient ventilation fans, and the addition of controls to the building energy management system.
UNIVERSITY OF LEEDS	Awarded £1,375,000 for 2 projects to decarbonise the Brownlee Centre, a triathlon training centre, and the Conference Auditorium building, the largest capacity building on the university campus. Air source heat pumps will be installed in both buildings, and LED lighting and insulation will also be installed at the Conference Auditorium building.
UNIVERSITY OF SHEFFIELD	Awarded £737,236 to replace gas fired heating and hot water systems with air source heat pumps systems at the Sheffield Institute for Translational Neuroscience, one of the world leading centres for research into Alzheimer’s and Parkinson’s Disease.
WELLSPRING ACADEMY TRUST, BARNSELY	Awarded £1,030,181 for 2 projects to decarbonise Horncastle Primary School and Lacey Gardens Junior Academy. The existing end-of-life gas boilers at both schools will be replaced with air source heat pumps. Solar panels, LED lighting and a building energy management system will also be installed at Lacey Gardens Junior Academy.

2.1 [Social housing decarbonising fund wave 1 statistics](#)

Data monitoring the installation of energy efficiency measures in domestic properties via the Social Housing Decarbonisation Fund (SHDF) scheme in England.

Last update: 18th May 2023

Next update: 22nd June 2023

Table 4: Number of households upgraded and Measures installed by signed-up LA:

LOCAL AUTHORITY	NUMBER OF MEASURES INSTALLED	NUMBER OF HOUSEHOLDS UPGRADED
BLACKPOOL BOROUGH COUNCIL	115	115
HULL CITY COUNCIL	73	73
NOTTINGHAM CITY COUNCIL	39	20
THURROCK COUNCIL	59	59

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DURHAM COUNTY COUNCIL	1,515	805
CHESHIRE WEST AND CHESTER BOROUGH COUNCIL	140	73
NORTHUMBERLAND COUNTY COUNCIL	51	44
WEST NORTHAMPTONSHIRE COUNCIL	45	16
ALLERDALE BOROUGH COUNCIL	304	85
EAST DEVON DISTRICT COUNCIL	8	8
DACORUM BOROUGH COUNCIL	24	24
GRAVESHAM BOROUGH COUNCIL	170	151
BROADLAND DISTRICT COUNCIL	12	6
ST ALBANS CITY & DISTRICT	106	53
STEVENAGE BOROUGH COUNCIL	82	56
WEST SUFFOLK COUNCIL	42	42
GREATER MANCHESTER COMBINED AUTHORITY	214	51
DONCASTER COUNCIL	335	196
ROTHERHAM METROPOLITAN BOROUGH COUNCIL	143	106
SUNDERLAND CITY COUNCIL	218	217
COVENTRY CITY COUNCIL	214	96
ISLINGTON COUNCIL	#	#
LONDON BOROUGH OF LAMBETH	112	101
LONDON BOROUGH OF WALTHAM FOREST	103	50
WESTMINSTER COUNCIL	#	#
ESSEX COUNTY COUNCIL	56	37
WEST YORKSHIRE COMBINED AUTHORITY	571	504
LIVERPOOL CITY REGION COMBINED AUTHORITY	503	166
TEES VALLEY COMBINED AUTHORITY	20	7
WEST OF ENGLAND COMBINED AUTHORITY	228	78

Table 5: Number of households upgraded and measures installed by English geographic region

REGION NAME	NUMBER OF MEASURES INSTALLED	PERCENTAGE OF TOTAL MEASURES INSTALLED	NUMBER OF HOUSEHOLDS UPGRADED	PERCENTAGE OF TOTAL HOUSEHOLDS UPGRADED
NORTH EAST	1,804	33%	1,073	33%
NORTH WEST	1,276	23%	490	15%
YORKSHIRE AND THE HUMBER	1,122	20%	879	27%
EAST MIDLANDS	85	2%	37	1%
WEST MIDLANDS	214	4%	96	3%
EAST	381	7%	277	9%
LONDON	221	4%	157	5%
SOUTH EAST	170	3%	151	5%
SOUTH WEST	236	4%	86	3%
ENGLAND TOTAL	5,509	100%	3,246	100%

2.2 Home Upgrade Grant: Phase 2 successful local authorities in the Northern Powergrid region

List of local authorities in Northern Powergrid area awarded funding under the second phase of the Home Upgrade Grant (HUG 2) to be delivered from April 2023 until March 2025. These local authorities have funding in principle based on meeting certain conditions set out by the Department of Energy Security and Net Zero.

LAs in the Northern Powergrid area awarded funding	FUNDING AWARDED
CALDERDALE COUNCIL	£4,140,000
CITY OF YORK COUNCIL	£1,242,000.000
DARLINGTON BOROUGH COUNCIL (CONSORTIUM MEMBERS: STOCKTON-ON-TEES , REDCAR AND CLEVELAND , HARTLEPOOL)	£6,210,000
DURHAM COUNTY COUNCIL	£5,185,000
LEEDS CITY COUNCIL	£ 15,525,000
NEWCASTLE CITY COUNCIL	£4,140,000
NORTH TYNESIDE COUNCIL	£621,000
NORTHUMBERLAND COUNTY COUNCIL	£12,420,000

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NORTH YORKSHIRE COUNTY COUNCIL (CONSORTIUM MEMBERS: SCARBOROUGH, RYEDALE, SELBY, HAMBLETON, HARROGATE, CRAVEN, RICHMONDSHIRE)	£14,545,420
SHEFFIELD CITY COUNCIL	£4,140,000
WAKEFIELD COUNCIL	£1,552,500