

# Deploying Strategic Customer Solutions

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[ameresco.com](https://www.ameresco.com)

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# About Ameresco

Ameresco (NYSE:AMRC) is a leading comprehensive cleantech integrator and renewable energy asset developer, owner and operator.

Founded in 2000 | Public in 2010

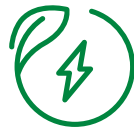


## Comprehensive Portfolio

Objective approach and in-house technical expertise delivers the most advanced technologies to meet the unique needs of each customer. Addressing decarbonization, resiliency, cost savings and more as a full-service, long-term energy partner.

## Customer Driven

Federal Government, Public Sector, Utilities, K-12 Schools, Higher Education, Healthcare, Commercial & Industrial, Public & Community Housing, Transportation. Market reputation across North America & Europe for excellence in customer satisfaction.



**\$14+ Billion** in energy solutions delivered since company inception



**3+ GWe** of renewable energy resources contracted or managed (solar, BESS, wind, biogas, RNG, operations & maintenance, etc.)



**1,500+ Employees** throughout North America and Europe



**60+ Offices** providing local expertise in markets served



Embracing **innovation** through tailored projects aligned to customers goals



Committed to reduce our customers' carbon footprints by a cumulative **500 million metric tons by 2050**

# Ameresco's Advanced Technology Portfolio



**Full-Service  
Energy Partner**

## Demand & Conservation

- Energy Efficiency
- Building Envelope
- Interior LED Lighting
- HVAC, Ventilation & Heat Pumps
- Water Management & Efficiency
- LED Street & Area Lighting

## Distributed, Renewable Supply

- Solar (On-Grid & Off-Grid)
- Wind
- Biomass, Biogas, Landfill Gas to Energy & Renewable Natural Gas (RNG)
- Geothermal
- Cogeneration (CHP)

## Infrastructure

- Battery Energy Storage Systems (BESS)
- Smart Building Automation & Controls
- Advanced Meter Infrastructure (AMI)
- EV Charging Infrastructure
- Utility Distribution System

## Software & Services

- Microgrids
- Sustainability Advisory & Software AssetPlanner® Platform
- Solar, BESS, Facilities, Plant Operations & Maintenance (O&M)
- Measurement & Verification
- Energy Supply Management
- VisionDSM (AEG)



# Launched 2023



# Commitments for Bristol

**Over 140,000 tonnes of carbon savings in Bristol during the first five years**

Bristol City Leap will bring £61.5m of social value over the first five years



A Community Energy Development Fund of over £1.5m will be created for community projects



**Over 400 jobs created in Bristol during the first five years**

**400+**



# What have we been up to?



Developing a programme of energy efficiency and low-carbon infrastructure works



## Electric vehicle infrastructure

**£18 million** invested in developing electric vehicle charging infrastructure projects

## Corporate estate

**£53 million** investment by 2029

**£2.5 million** installing:

- new energy-efficient chillers at 100 Temple Street;
- LED lighting in multiple buildings; and
- Building Management Systems at City Hall and 100 Temple Street.

## Schools

- developing a project to install solar PV at two schools by May 2024
- delivered an air-source heat pump system at Blaise Primary School
- installing a biomass boiler at Deanfield Study Centre

## Social housing

**£57 million** investment by 2029, with these energy-efficiency retrofit projects underway

**£1.8-million** pilot on **25** Easiform properties

**£3.2 million** for **112** Easiform properties, building on the pilot

**£16 million** for **9** blocks of flats

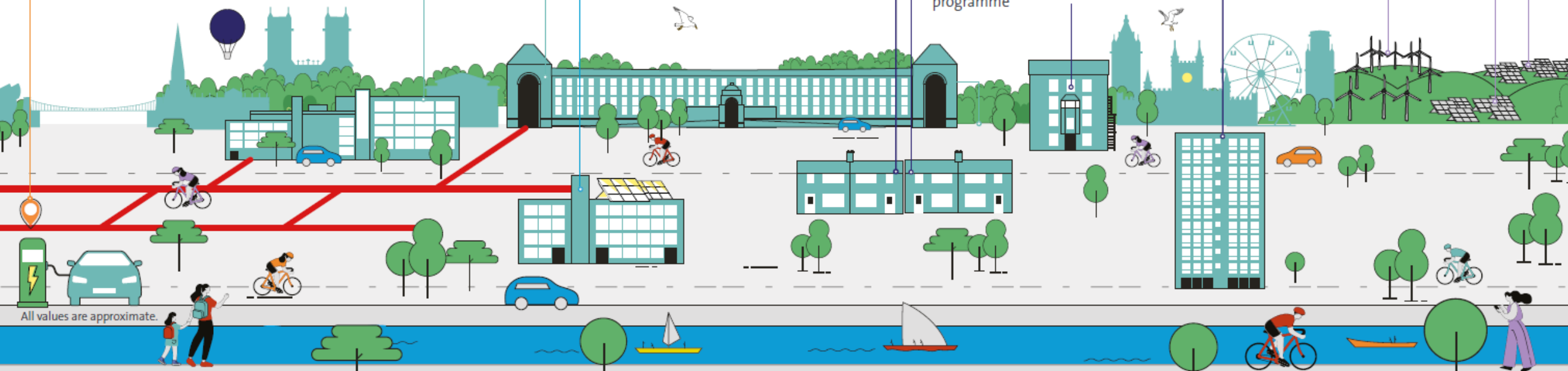
**£7.8 million** window replacement programme

## Large Scale Renewables

**3** sites identified

**12MW** solar generation

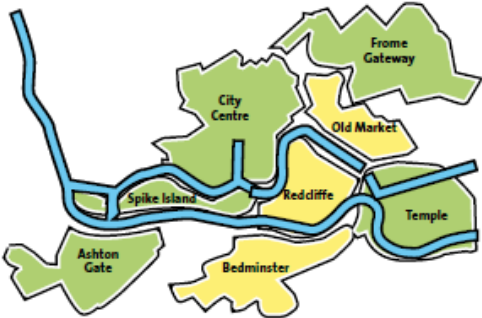
**3MW** wind generation



All values are approximate.

# Heat networks

We have also been busy developing our plans to expand the Bristol Heat Network:



**Detailed feasibility assessment for the Network plans** for Hengrove Park, Frome Gateway, Spike Island, St Nicholas and Canon's Marsh



The Heat Network had **over 99% heat availability throughout 2023**, with a carbon content of 70 gCO<sub>2</sub>/kWh

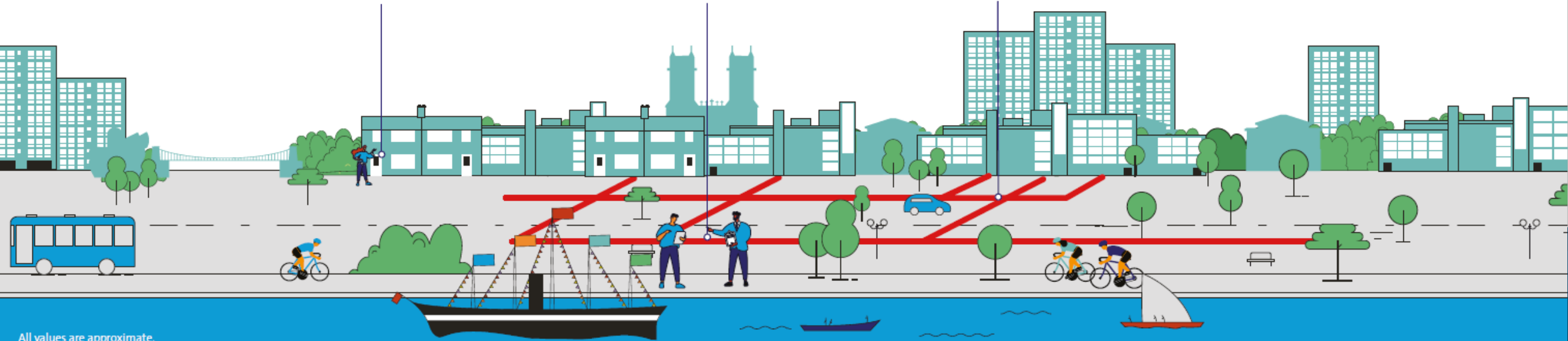


We have secured **£750k of Heat Network Efficiency Scheme (HNES) funding**

**22** GWh of low-carbon heat delivered to customers

**7** connection agreements signed

**2** new buildings connected



All values are approximate.

# Social Value Delivered



Launching our **£1.5 million** Bristol City Leap Community Energy Fund



With partners, **funding and supporting local community organisations** like Grassroot Communities



**Contributing 350 volunteer hours** towards improving communities



**Creating 102 new jobs** (101.6 FTE) within Bristol postcodes



Providing more than **50 weeks of work placements and work experience**

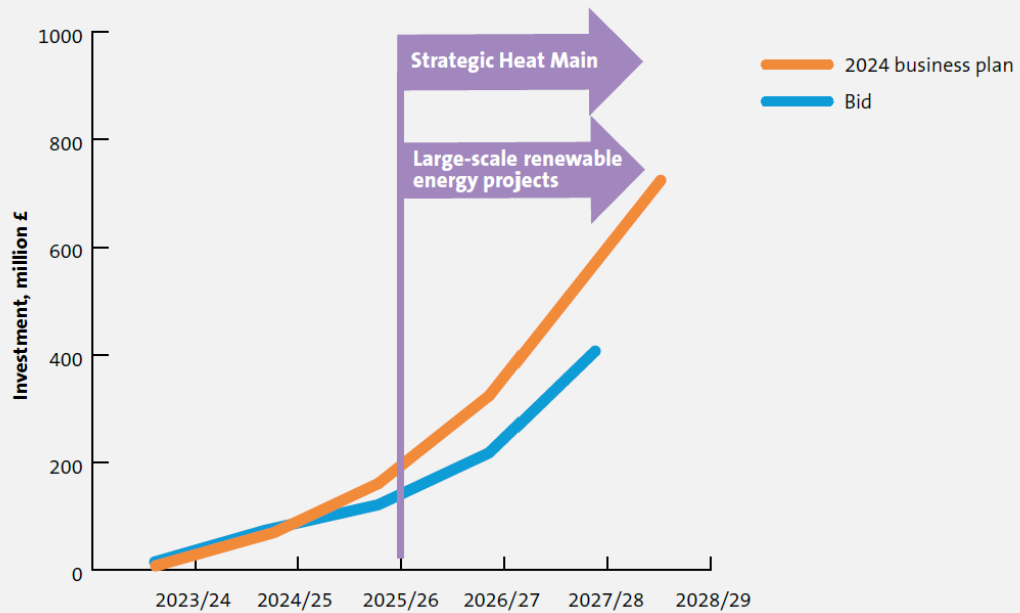


**Spending nearly £3 million with local suppliers and voluntary, community and social enterprise organisations** to support the local economy and enable job creation



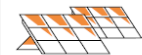
# Where next?

2024/25 business plan – Forecast of cumulative investment



## 2024/25 forecast

## Bid



Zero-carbon-generation assets deployed, MW

187.7

+6.1

181.6



Zero-carbon energy generated, GWh

369.9

+42.6

327.3



Energy efficiency measures deployed, million £

74.1

+52.1

22.1



Emissions avoided, tCO2e

142,648

+3,528

139,120

# City Blueprint



# Thank you

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# Additional Material

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- Ameresco Overview Video
  - [\(2\) Post | LinkedIn](#)
- Ameresco Investor Relations
  - [Ameresco, Inc. \(AMRC\)](#)
- Introducing Bristol City Leap
  - [Introducing Bristol City Leap! \(youtube.com\)](#)
- ITN Production Engineering a Sustainable World
  - [Engineering a Sustainable World: Bristol City Leap \(youtube.com\)](#)
- What is retrofit?
  - [What is Retrofit? \(youtube.com\)](#)
- Delivering for the people of Bristol
  - [Delivering for the people of Bristol! \(youtube.com\)](#)





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