

## Project Overview

Project Title	Combined Authority Assets Solar Project – Bus Stations
Date of BJC Submission	20 January 2023
Scheme Location/ Address	West Yorkshire (various locations)
Applicant Organisation	West Yorkshire Combined Authority
Type of Organisation	Mayoral Combined Authority
Other Delivery Partners and Roles	N/A

Main Funding Programme	Combined Authority funding stream to be confirmed
Sub Funding Programme (if applicable)	N/A
Project cost stated at previous Decision Point 2	£476,203
Development cost allocated at previous Decision Point 1	£109,893
Current Forecast Project cost	£476,203
Funding Applied for from the Combined Authority now	£366,310
Other public sector funding amounts and sources	£0
Private sector funding amounts and sources	£0
Percentage split of cost for all funding sources	The scheme will be 100% funded by the Combined Authority.

## Business Case Summary

### Scheme description

The Combined Authority Assets Solar Project – Bus Stations forms part of the wider Climate and Environment Plan (CEP) Wave 1 portfolio.

The scheme will deliver 233 Kilowatt Peak (kWp) of solar panels to seven West Yorkshire bus stations, located in Batley, Bradford (interchange), Brighouse, Castleford, Cleckheaton, Keighley and Ossett.

The scheme's objectives are to reduce carbon emissions by a gross figure of 393 tonnes over a 25-year period and reduce energy consumption from the national grid, reducing energy costs by £1,700,000, based on current energy prices, over a 25-year period.

### Strategic Case

The scheme supports the Strategic Economic Framework (SEF) and West Yorkshire Investment Strategy (WYIS) Investment Priority 4 'Tackling the Climate Emergency and Environment Sustainability' by reducing the emissions from buildings' electricity consumption.

The scheme also aligns with the Mayor's pledge to tackle the climate emergency and protect our environment, by generating renewable electricity for the seven Combined Authority owned bus stations.

### Economic Case

The scheme will deliver solar panels at all seven sites and battery storage at sites, where installation is possible, reducing the Combined Authority's carbon footprint by 15.72 tonnes of CO<sub>2</sub> per year and a gross carbon reduction of 393 tonnes over the 25 years minimum anticipated lifespan of the solar panels.

The Benefit Cost Ratio (BCR) for this scheme has been calculated at 1: 3.86 representing high value for money.

### Commercial Case

The procurement of solar panels, battery storage, fixtures, fittings, and cabling will be done through capacity available in one the Combined Authority's existing competitively procured contracts.

### Financial Case

The total cost of the scheme is £476,203. Funding for the scheme has initially been identified through the devolution gainshare, this will allow the scheme to progress without delay. However, a review is ongoing to determine whether it would be better funded through another funding stream. This would allow gainshare funding which can be used more flexibly to be made available for other activity.

At this stage it is important to note that Combined Authority funding has been secured for this scheme and the funding stream will be determined at the earliest opportunity.

### Management Case

The scheme will be managed by the Combined Authority and delivery will start in May 2023 following appointment of the sub-contractor.