



**Bath & West  
Community Energy**  
Generating local energy



# Report on BWCE Activities

Pete Capener & John Rawlins  
Bath & West Community Energy



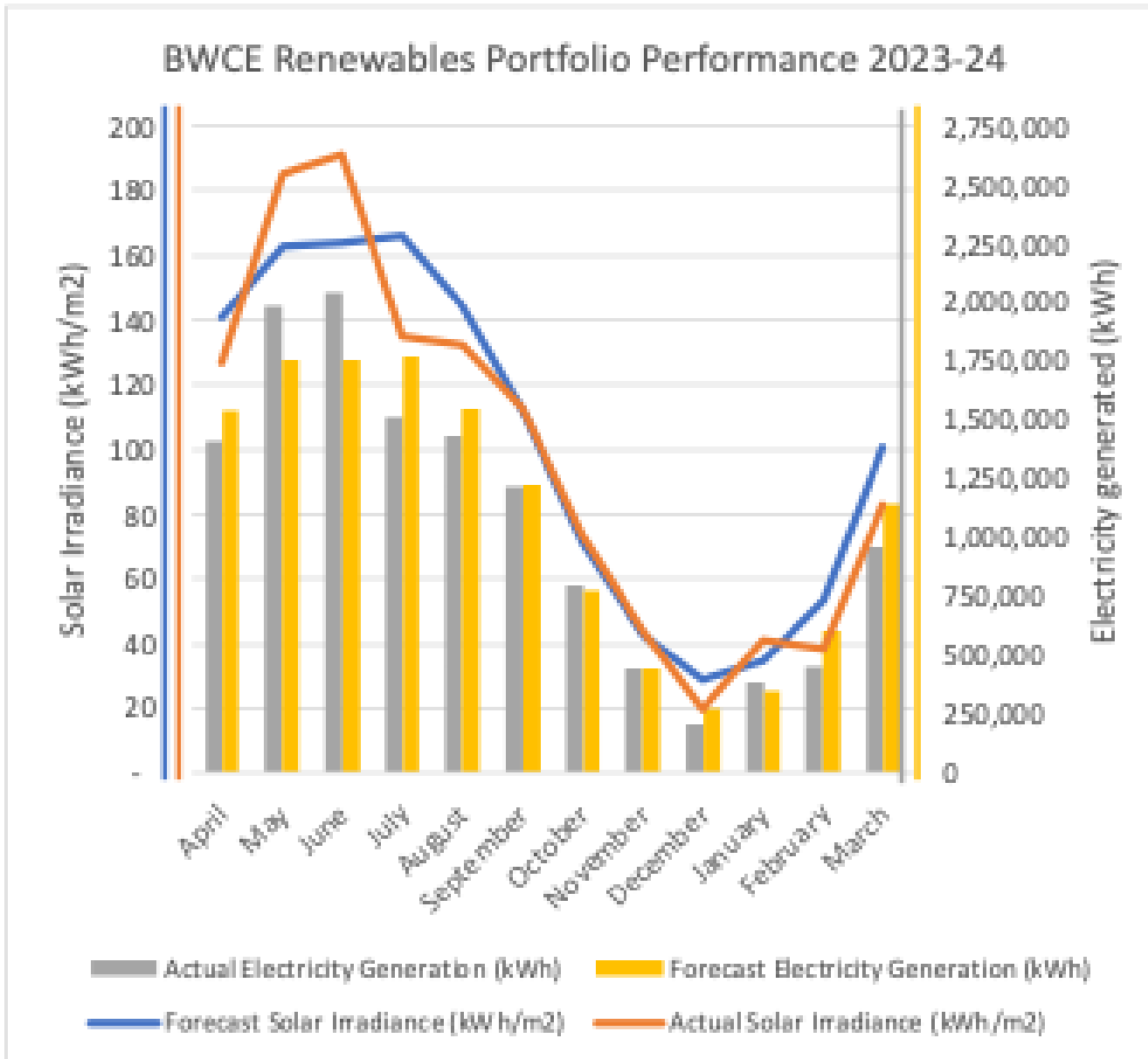


# Highlights

- Installed 920kW of new rooftop solar
- Progressed development of solar and wind turbine sites totalling over 25MW
- Raised £1 million in shares and bonds
- Successfully completed the EU funded Flex Community project
- Secured funding to extend work around local energy supply
- Developed a range of energy efficiency retrofit programmes
- Strengthened local partnerships
- Donated £50k to our community fund
- Continued to exert national and local policy influence
- Increased turnover by 25% to £3 million and staffing by 35%



# Project Performance: 2023-24



## Solar Irradiance

Average 3.1% below target over year

## Electricity generation

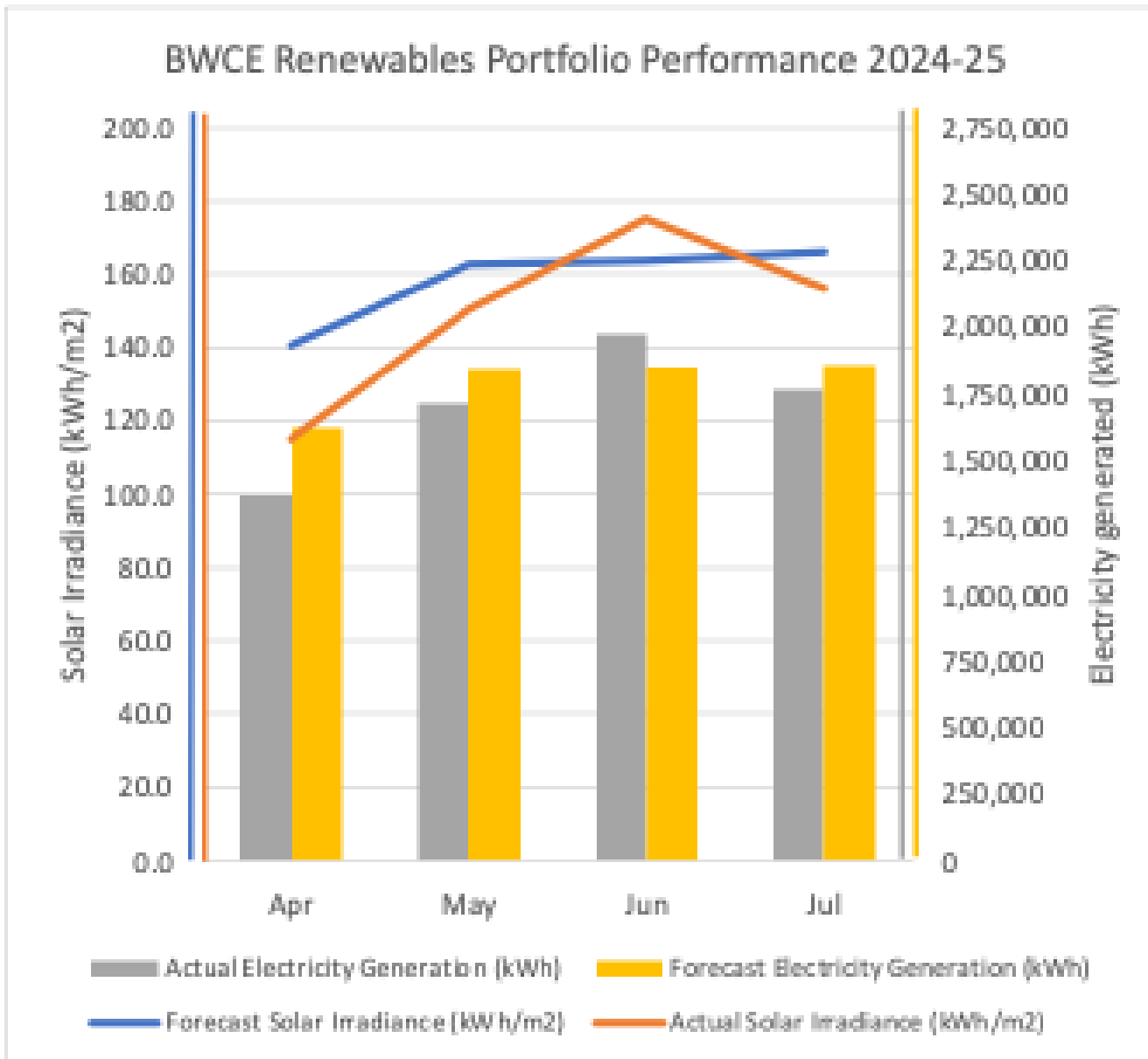
Average 2.7% below target over year

Portfolio grew by 7%.

A full year of generation would match demand from **5,000 homes** and the carbon footprint from **1,000 B&NES residents** and retain **£700k in the local economy** that would otherwise drain out of the area.



# Project Performance: 2024-25 to date



## Solar Irradiance

Average 5.8% below target year to date

## Electricity generation

Average 4.8% below target year to date

Hotter drier summers  
Warmer wetter winters  
More extremes

Impact of El Nino/La Nina cycle?



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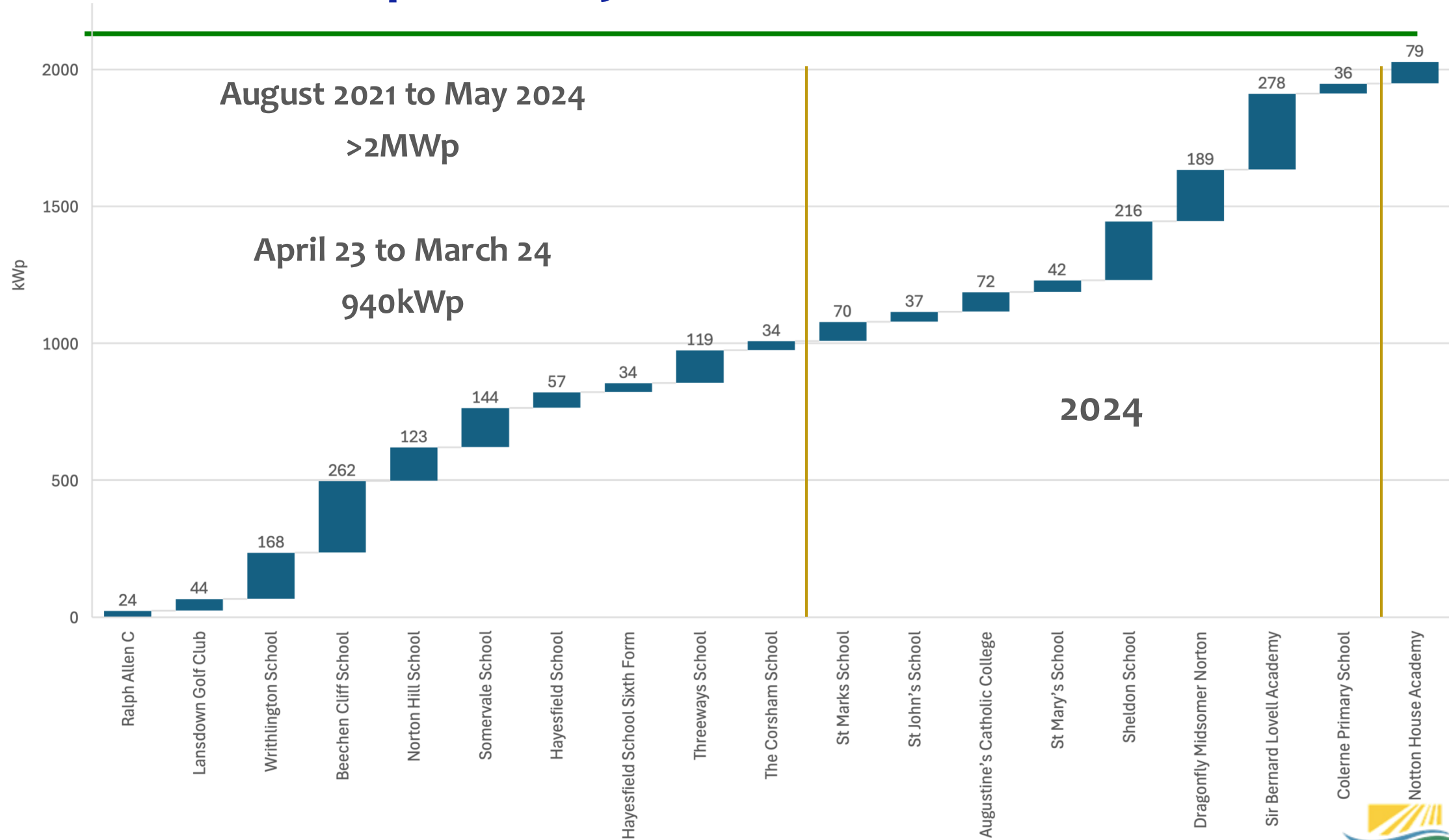
# Delivering Rooftop Solar

John Rawlins

Renewables Developer



# Solar Rooftop Delivery Overview



# A Few Sites to Mention

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Sheldon School, Chippenham, 216kWp

Sir Bernard Lovell School, Keynsham, 278kWp

Dragonfly Leisure, Midsomer Norton, 189kWp



Collectively:

- saving the sites £40k in the first year
- Delivering £30k of Community Benefit each year
- Saving 140 tons of CO<sub>2</sub> on the first year



# Why Do They Work?

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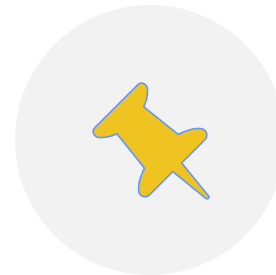
Good roof



High on-site  
consumption



CAPEX constrained



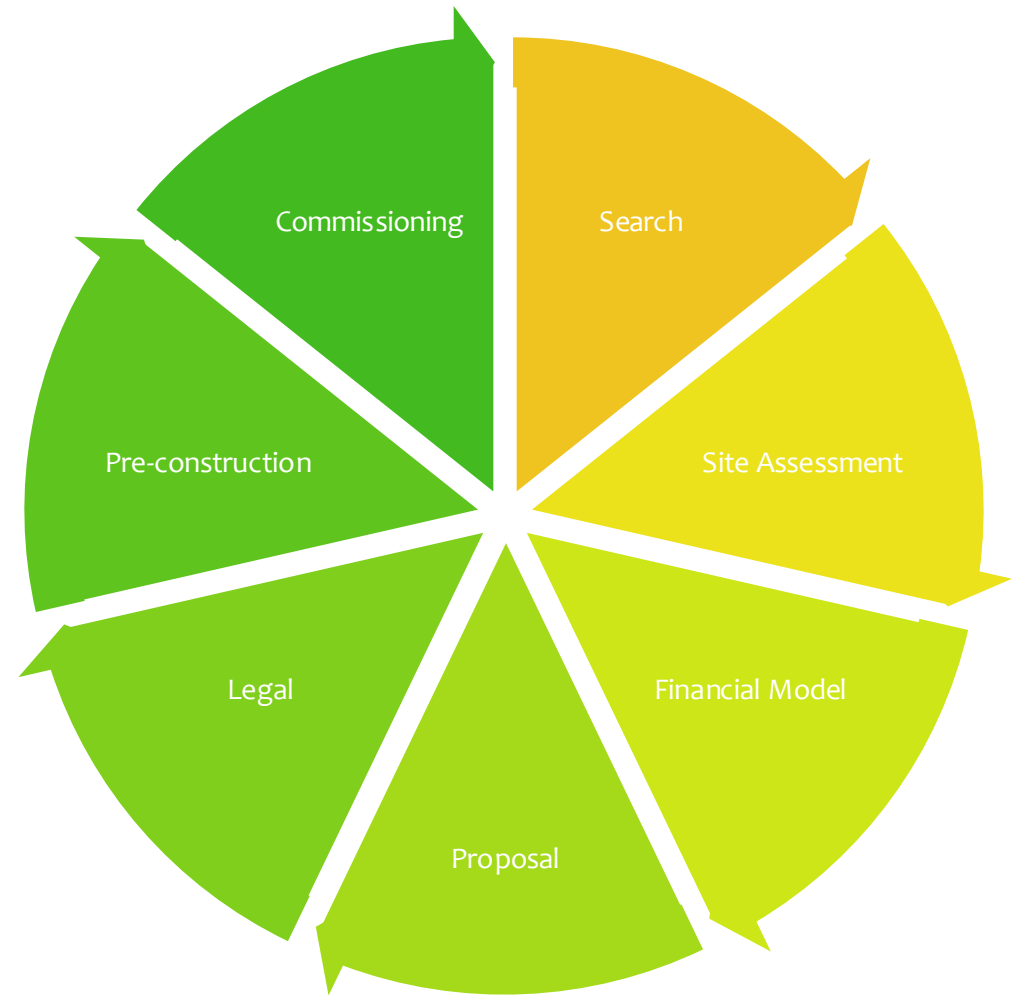
Local/empowered  
decision making



# The Process

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Actively engaged in all aspects of the development cycle at all times to ensure a steady pipeline of delivery



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## Why Now?

Historically low install costs  
High energy prices  
Constrained Capital budgets

## The Offer

Risk free  
Fixed discount on prevailing rate  
Never Pay More Than  
Managed for the duration of the lease  
Modest savings for zero investment  
An agency in delivering Net Zero

