

PIONEERING YOUR PATH TO TRUE

NET ZERO CARBON

BBLG 27.01.23



ENERGY SOLUTIONS

Contents

- Who is DES Energy?
- Energy Status
- Net Zero is complex – where do I start?
- Project examples
- Recommendations



6. BOSCH WHO WE ARE

- Provider of Renewable Energy solutions
- Solar PV/ Battery Storage/ EVC
- 22 Years in business
- Turnover £8 million per annum
- Project value £20k to £3m
- Workforce of 45
- Fylde Coast based
- Multiple award winners
- Localism – apprentices & community



OUR WHY: INSPIRING SUSTAINABLE TRANSFORMATION

OUR BEHAVIOURS

Solutions based thinking • Client focussed • Respecting others • Listening and engaging • Working in collaboration • Taking responsibility



Innovation



Ethical business



Trusted partner



Diverse



Inclusive



Teamwork



Respectful



Honest

OUR VALUES

PROJECTS



Burnley College 250 kWp



London Olympics -£2.5m



Spelthorne Leisure Centre – ultra energy efficient £1.9m



World Wildlife HQ – The Living Planet £2m



Oxfordshire County Council - £1m battery storage



Addison Engineering 87 kWp

- Market instability
 - The impact of utility costs
 - Average SME 35p kWh
 - Net Zero is complex. No blueprint
 - Business community has a responsibility
 - The green opportunity for Blackpool (Metro)
-
- Why switch to renewables?





STAGE 1

FEASIBILITY

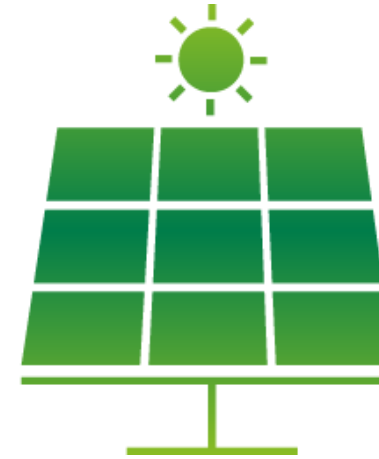
Letter of Authority
Energy consumption profile
analysis
Solar Design - Roof Top
Financial Modelling
Solution Proposal
DNO Liaison



STAGE 2

PRE-CONSTRUCTION

Site Survey
Roof Conditioning Report
Structural Roof Survey
Load Survey & assessment
New electrical Infrastructure
scoping & design
Drawings Production
Finance
Final Budget



STAGE 3

INSTALLATION

Procurement
Health & Safety
Access & logistics
Installation



STAGE 4

PERFORMANCE

Maintenance - clean
Weekly performance reports
Alerts & notifications
Software updates



PROJECT EXAMPLE – BLACKPOOL WINTER GARDENS 127kWp system



PROJECT EXAMPLE – BILLINGTON GROUP



Project expanded to UK wide

PROJECT EXAMPLE – DES ENERGY



- Go for it!
- Energy reduction first
- Implement an integrated energy strategy
- Conduct feasibility
- Consumption profile – design to fit
- Future proof
- Early application to DNO
- Clarity of commercial return
- Finance options to negate CAPEX requirement
- Data-driven approach. Back end monitoring

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Nothing is more expensive
than a missed opportunity.

H. Jackson Brown Jr.

quote fancy