



SOLAR PHOTOVOLTAIC QUOTATION

DATE: 07/04/2020

QUOTE REF: OPP-00089

CLIENT NAME: Fairview New Homes

PROJECT: Chailey Industrial Estate

SITE ADDRESS: Hayes

ECOLUTION ACCOUNT MANAGER DETAILS

NAME:	David Priaulx
POSITION:	Senior Commercial Manager
TELEPHONE:	01732 625 071
EMAIL:	David.priaulx@ecolutiongroup.com





#JOINTHEECOLUTION

ecolution
GROUP

CLIENT DETAILS

Reg number:	
Client name:	Fairview New Homes
Client address:	50 Lancaster Road, Enfield, Middlesex
Postcode:	EN2 0BY
Contact name:	James Bard
Contact tel:	0208 366 1271
Contact email:	James.beard@fairview.co.uk

Dear James

Thank you for your enquiry for our solar photovoltaic (PV) design and installation service, we are pleased to submit the following quotation.

BREAKDOWN SUMMARY

✓	Design
✓	Supply & materials
✓	Installation & labour
✓	Testing & commissioning
✓	Handover

SUBJECT TO TERMS & CONDITIONS

OTHER INFORMATION

TOTAL (exc. VAT)

£92,503.79

If you have found a quote for like-for-like products and service at a cheaper price anywhere else, please contact us and we will review our quotation.

Kind regards,

David Priaulx

Senior Commercial Manager

Find out more:

0330 324 7777

enquiries@ecolutiongroup.com OR www.ecolutiongroup.com

Ecolution House, Endeavour Park, London Road, Addington, West Malling, Kent, ME19 5SH



ANNUAL SAVINGS ESTIMATES

Annual generation (kWh):	
MCS Zone:	
MCS irradiance:	
CO2 savings (kg):	
Projected generation calculated at design stage	

PRODUCTS / WARRANTIES

Modules:	10 Years (Product)/25 Years (Performance)
Inverters:	5 Years
Roof system:	10 Years
Ecolution provide a standard 2 year defects period	

BREAKDOWN

REF.	NO. OF SYSTEMS	SYSTEM SIZE (kW)	TOTAL SYSTEM SIZE (kW)	NO. OF MODULES	MODULE TYPE	ROOF SYSTEM TYPE	INVERTER TYPE	COST PER SYSTEM (£)	TOTAL COST OF SYSTEMS (£)
Block B	1	23.04	23.04	72	320w Mono	Flat Roof	String / 3Ph	£19,303.79	£19,303.79
Block C	1	10.24	10.24	32	320w Mono	Flat Roof	String / 3Ph	£10,542.83	£10,542.83
Block D	1	24.96	24.96	78	320w Mono	Flat Roof	String / 3Ph	£20,373.71	£20,373.71
Block F	1	35.2	35.2	110	320w Mono	Flat Roof	String / 3Ph	£27,106.28	£27,106.28
Block G	1	16.64	16.64	52	320w Mono	Flat Roof	String / 3Ph	£15,177.18	£15,177.18
TOTAL SYSTEM SIZE									110.08kWp
TOTAL COST OF THE PROJECT (EXC. VAT)									£92,503.79
For projects spanning over more than 3 months, Ecolution reserve the right to change the photovoltaic panels specified due to availability. To guarantee consistency for a project please contact us on 01732 625 071 in advance to discuss feasibility.									

Find out more:

0330 3247777

enquiries@ecolutiongroup.com OR www.ecolutiongroup.com

Ecolution House, Endeavour Park, London Road, Addington, West Malling, Kent, ME19 5SH

#JOINTHEECOLUTION



#JOINTHEECOLUTION

ecolution
GROUP

PV | INCLUSIONS & EXCLUSIONS

	ECOLUTION	OTHERS	NOTES
DESIGN & PLANNING			
Full design of PV system	✓		
Planning application		✓	
Structural survey to confirm roof suitability for PV		✓	
SUPPLY & MATERIALS			
PV modules	✓		
PV framework	✓		
Mounting system	✓		
DC & AC isolators	✓		
PV inverters	✓		
AC cables, ties, isolators & junction boxes between inverters & connection point into electrical system		✓	
*One phase electrical supply for PV connection			
*Three phase electrical supply for PV connection		✓	
GRP cabinet (<i>if required</i>)		✓	
Lifting materials to installation area including craneage & telehandler		✓	
INSTALLATION & LABOUR			
Delivery of items to site	✓		
Receiving materials offloading & storage	✓		
Modules & cables	✓		
Fixing PV mounting system	✓		
PV inverters installed in roof/loft space/top floor riser cupboard	✓		
PV inverters stalled in ground floor cupboard			Requires additional visit
Installation & containment of DC cable from array to inverters	✓		
Installation of DC & AC isolators next to inverters	✓		
*Supply only of kWh smart meter (for remote monitoring)			Available on request
*Supply only of kWh standard meter	✓		Installed by Electrician
Safe working environment including edge protection, scaffolding, platforms or other access equipment		✓	
Export meter installation (>30kWp)		✓	If required
Fixing points (<i>Upstands</i>)		✓	If required
Spare way in distribution board		✓	
Site welfare		✓	
TESTING & COMMISSIONING			
Testing & commissioning of PV system	✓		
Safety labelling & operations & maintenance requirements	✓		
Final handover to client including full O&M manual(s)	✓		
MCS certificate (<i>Released upon full payment</i>)	✓		
Building control notification		✓	
OPTIONAL EXTRAS			
Performance guarantee			Available on request
ROO-FIT (<i>Over 50kW</i>)			Available on request
Pre-order design works			Available on request
Please note all notifiable works under building regulations shall be your responsibility unless requested. If required we can provide this service i.e. building control notifications.			

Find out more:

0330 324 7777

enquiries@ecolutiongroup.com OR www.ecolutiongroup.com

Ecolution House, Endeavour Park, London Road, Addington, West Malling, Kent, ME19 5SH



#JOINTHEECOLUTION

ecolution
GROUP

DNO – APPLICATION – ADDITIONAL INFORMATION

Before we can connect a Solar PV system to the national grid, we need to get permission from the local DNO (District Network Operator). This is done via a DNO application – Ecolution can complete this on your behalf, all we need is a letter of authority (template available) permitting us to do this.

Please note that it can take 90 Days for a response and until approval has been granted we are unable to make a connection to the national grid.

Please note there may be an additional fee incurred from the DNO if limiting devices are required. If this is the case, we will provide copies of all correspondence with the DNO for transparency.

- * Please see quote information – New build.
- * Please refer to quote information – New build.
- * Please refer to quote information – New build (Note if a three-phase supply is not available on site additional costs may be applicable).

WHAT WE REQUIRE UPON ORDER / BEFORE COMMENCING ON SITE

In order for us to successfully deliver this project as efficiently as possible we will require the following upon receiving an order:

- Drawings of the roof plan, sections, elevations, schematic and site plan (in CAD/DWG format).
- Written approval of our subsequent design.
- A signed contract with an order number with terms and conditions.
- Schedule of works to be provided to project manager – Please note that a minimum of 4 weeks' notice is needed before commencing on site.
- A signed letter of authority giving us permission to complete the DNO grid application on your behalf (template will be provided by Ecolution).
- A list of MPAN numbers – these are required for the DNO application and our O&M manuals.
- Plots to postal addresses – these are required for our O&M manuals.

CURRENCY FLUCTUATIONS

Ecolution procures most of its materials from overseas and so currency fluctuations can affect our cost price for delivering projects.

This quotation is valid for 60 days and will be protected from currency fluctuations during that time, however orders placed later may be subject to a cost review.

Placing orders early allows us to procure efficiently and fix the price until our onsite date. Once an order is placed, it is protected from any future negative currency fluctuations, however we may still be able to offer a reduction in the result of a positive currency fluctuation.

Find out more:

0330 324 7777

enquiries@ecolutiongroup.com OR www.ecolutiongroup.com

Ecolution House, Endeavour Park, London Road, Addington, West Malling, Kent, ME19 5SH



#JOINTHEECOLUTION

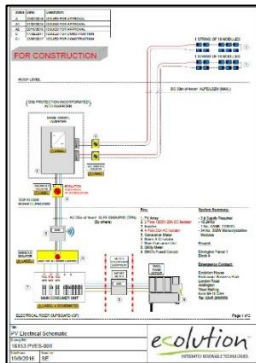
ecolution
GROUP

OUR SERVICE

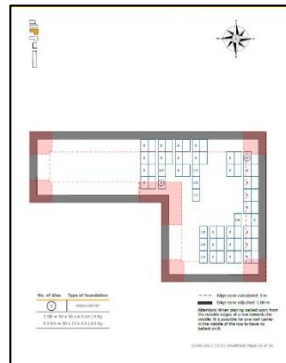
We pride ourselves on our quality and complete offering, here's a sample of what you can expect from us:

DESIGN

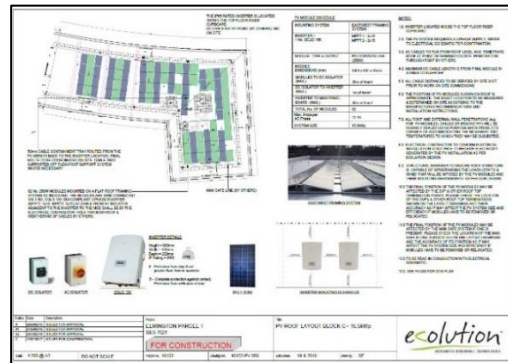
SCHEMATICS



BALLAST CALCULATIONS



FULL LAYOUT DRAWINGS



We charge £1,750 to provide a full design at pre-order stage (or £600 for a roof layout). This is simply to cover our costs in the event that we are not successful in winning the full installation works. Any upfront design fees are either refunded/deducted upon receiving a full installation order.

SUPPLY & INSTALL

IN-ROOF



ON-ROOF



FLAT ROOF



TEST & COMMISSION

MCS CERTIFICATE



O&M MANUAL



Find out more:

0330 324 7777

enquiries@ecolutiongroup.com OR www.ecolutiongroup.com

Ecolution House, Endeavour Park, London Road, Addington, West Malling, Kent, ME19 5SH



#JOINTHEECOLUTION

ecolution
GROUP



ABOUT ECOLUTION

CREDIT SCORE: 100

Established 1999, our dedicated in-house team provide a complete service from distribution, installation and maintenance, specialising in renewable assets. Ecolution are construction specialists meaning you only need one company from start to finish to take care of your renewable energy specifications.

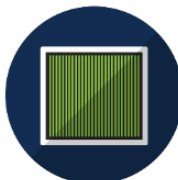
Our services are here to help you meet SAP targets, energy reports, the Code for Sustainable Homes, BREEAM, Part L and local planning requirements such as the London Plan.

As recognised quality installers, we have an impressive portfolio of clients and you can rest assured that we will provide the highest quality of service available.

OUR SERVICES



SOLAR
PHOTOVOLTAIC



SOLAR HOT
WATER



HEAT
PUMPS



ENERGY
STORAGE



VENTILATION &
AIR QUALITY



FALL
PROTECTION

WHO WE WORK WITH



MAINTENANCE SERVICE

Most manufacturers warranties are only upheld if the system is regularly monitored and maintained. At Ecolution, we have a dedicated maintenance team who provide remote monitoring and maintenance packages including reactive callouts/repairs. End users are provided details of these services within their O&M handover manual provided by Ecolution after every installation.

Find out more:

0330 324 7777

enquiries@ecolutiongroup.com OR www.ecolutiongroup.com

Ecolution House, Endeavour Park, London Road, Addington, West Malling, Kent, ME19 5SH