



Solar PV & Battery Storage Survey

Complete

Score	0 / 0 (0%)	Flagged items	1	Actions	0
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Job Number

Customer Surname

Patel Sr

Conducted on

19 Oct 2023 13:53 BST

Prepared by

Matt mcmunn

Property Address

30 Weatherall drive, HA72HN

Flagged items

1 flagged

Untitled Page

What is the main roof tile type?

Other

Is this a solar PV & Battery Storage Installation?

Yes

Picture of Electric Bill

EVERSOURCE

Account Number: 0000 000 0000
 Current metering: CUST
 Statement Date: 04/05/19
 Service Provided To:
 JOHN J CUSTOMER

Service Address: ANY STREET

ANY TOWN, MA 00000

Rate: A1 R1 RESIDENTIAL, 600 Cycles: 03

Service from 03/02/19 - 04/03/19 27 Days

Next Read date set at 04/05/19, 04/05/19

Meter Number: 0000000000

Current Read: 0000000000

Previous Read: 0000000000

Current Usage: 400

Reading Type: Actual

Monthly kWh Use

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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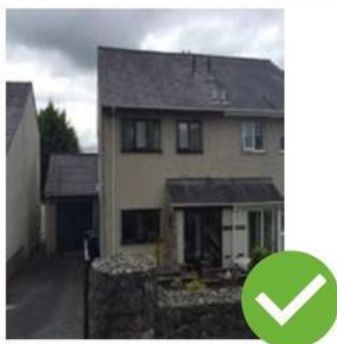
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Photo of Property Approach

A photograph showing the entire building from the road side. This image needs to show the full roof AND anything that is visible from on top of the roof

CORRECT IMAGE



In this image you can clearly see the entire roof and its access point

WRONG IMAGE



In this image all we can see is the front door, we cannot see where we could get access to the roof and any obstacles in the way.

Street View Photograph



Photo 2

Parking

A photograph of where we will be able to park



Parking Photograph



Photo 3

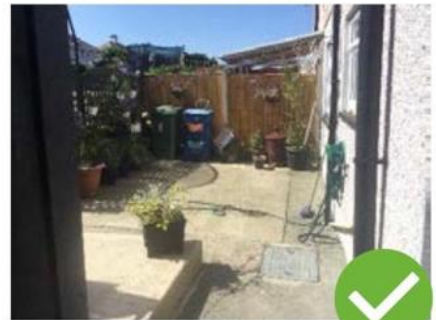
Front door from 10m away



Unloading Area

An area where items can be unloaded in a safe and unrestricted manner.

Keep in mind that the solar kit could be delivered a couple of days in advance and needs a safe place to be kept.



Front Door and Compass Photograph



Photo 4

Access Point

How do we take all equipment to the property?

If there is no outside access and we need to go through the house. We need to ensure that we have pictures of a clear route. This can be illustrated/communicated through multiple photographs.



Unloading Area Photograph



Photo 5

Scaffold Access 1

Point of access to scaffolding. Clear path to target roof.

Clearly shows that there is outside access onto the property for scaffolders to get to the target roof. If there is no outside access, and we need to go through the house. We need to ensure that we have pictures of a clear route. This can be illustrated/communicated through multiple photographs.



Access Point Photograph



Photo 6

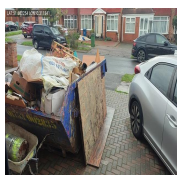


Photo 7

Scaffold Access 1 Photograph

N/A

Scaffold Access 2 Photograph

Scaffold Location 1 Photograph

N/A - only access tower required



Photo 8

Scaffold Location 2 Photograph

Photograph of the roof pitch



Photo 9

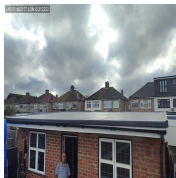


Photo 10

What is the main roof tile type?

Other

[Click here to show tile types \(de-select after\)](#)

TV Dish Photograph

N/A

Does the roof over hang

Yes

Overhang Measurement

600mm

Do the roof measurements include or exclude the overhang?

Includes

Are there any shading issues for the roofs?

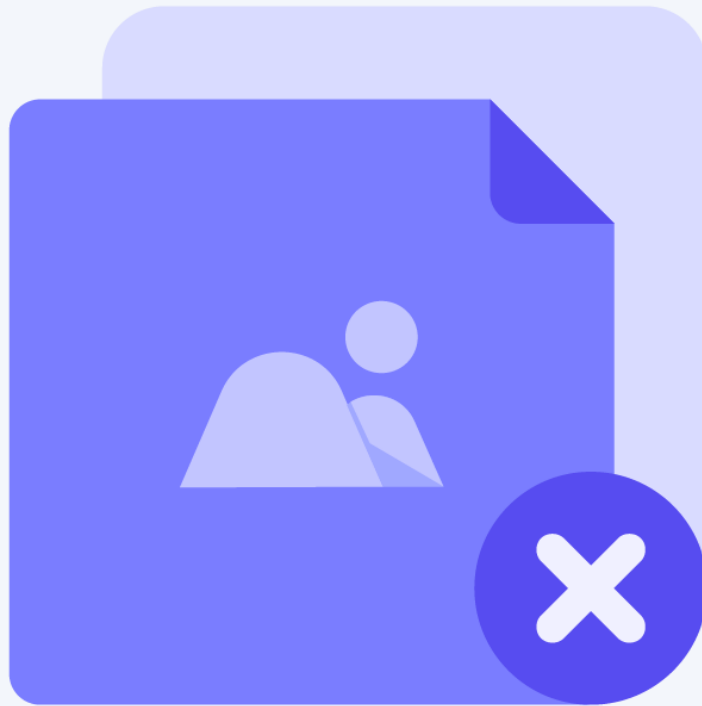
No

Loft hatch Photograph

N/A

Loft hatch measurements

N/A



A - Measurement

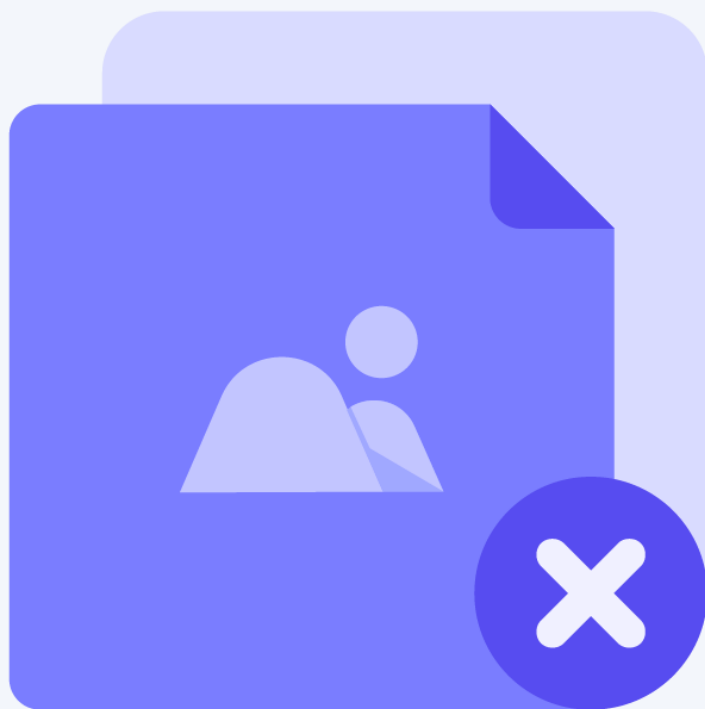
Loft Photographs - from multiple angles

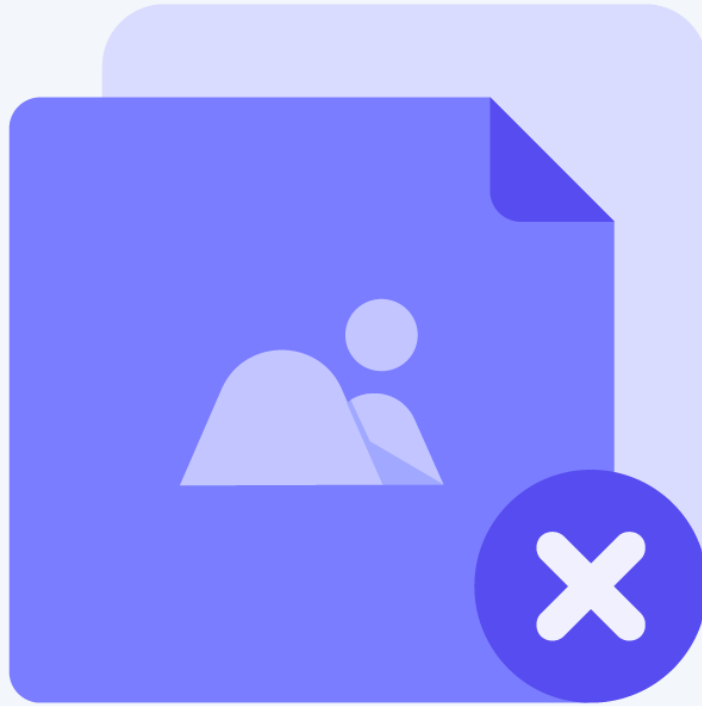
N/A

Is there a flat roof present at the property?

Yes

Solar array going on the shed at the bottom of the garden





Photograph of the roof the measurements are for



Photo 11



Photo 12

A - Measurement

720cm length

B - Measurement

460cm length

C - Measurement

Roof Fabric Type

Flat Roof Thickness

45cm between battens



Photo 13



Photo 14



Photo 15

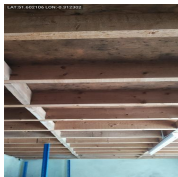


Photo 16



Photo 17

Photograph of roof pitch



Photo 18

A - Measurement

B - Measurement

C - Measurement

AZ - Orientation

Is there another main roof section that requires measurements?

No

Are there any chimneys on any roofs?

No

Are there any obstructions on any roofs?

No

Inverter Location Photograph

In the corner of the cabin



Photo 19

Battery Location Photograph

On the floor here in the cabin



Photo 20

The installer would prefer as much of the cable route to go on the outside of the property. This is to prevent internal disruption. Discuss solutions with the customer so they're fully aware of the route and then explain below and answer the indoor / outdoor questions and take photographs showing the full cable route from solar panels to the main electric meter.

DC CABLE Route Length

4m

Proposed cable route description

AC supply cable to run outside down the garden

AC swa 10mm to run from under the stairs and down outside the garden fence. Will need an AC supply to the inverter, cat5 for the CT clamp.



Photo 21

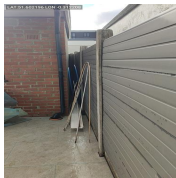


Photo 22



Photo 23

Is an Indoor Cable Route Required?

No

Is an Outside Conduit / Cable Route Required?

Yes

A supply cable will be required to run from the main CU in the house to the cabin where there inverter is going at the back of the garden. There is an existing 2.5mm flex connected directly into the Henley block supplying the sub board!! (Not regulation) very unsafe. We need to run in a 10mm swa to supply the shed Sub board, replacing the existing cable. If the customer is having a manual change over switch. The 10mm swa will need to be a 5core.

Best proposed conduit route photographs - showing full route clearly

N/A

Length of external cable route

45m AC supply cable run

Electric Meter Photograph



Photo 24

DNO Fuse Rating Photograph

60a



Photo 25

DNO Fuse Seals Photograph



Photo 26

Main Tails Photograph

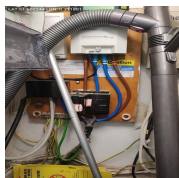


Photo 27

Isolator Switch Photograph

N/A

Show the full consumer unit (fuse board) clearly. Multiple pictures from a distance and close up

Consumer Unit (Fuse Board) Photographs

The existing sub board in the garage need to be replaced with a new 6way board.

There is space and a spare way in the main DB to connect in the garage supply, just need a 40amp wylex MCB



Photo 28



Photo 29



Photo 30

Is the gas and water bonding in place?

Yes

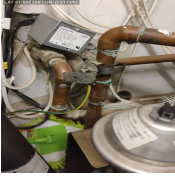


Photo 31

EV Location Photograph

Best proposed EV charger cable route photographs- showing full route clearly

N/A

Access to EV Charger Photograph

** Reminder - Electricity bill **

Is this a Battery Storage Installation?

No

Sign-Off

Signature of Surveyor

Media summary

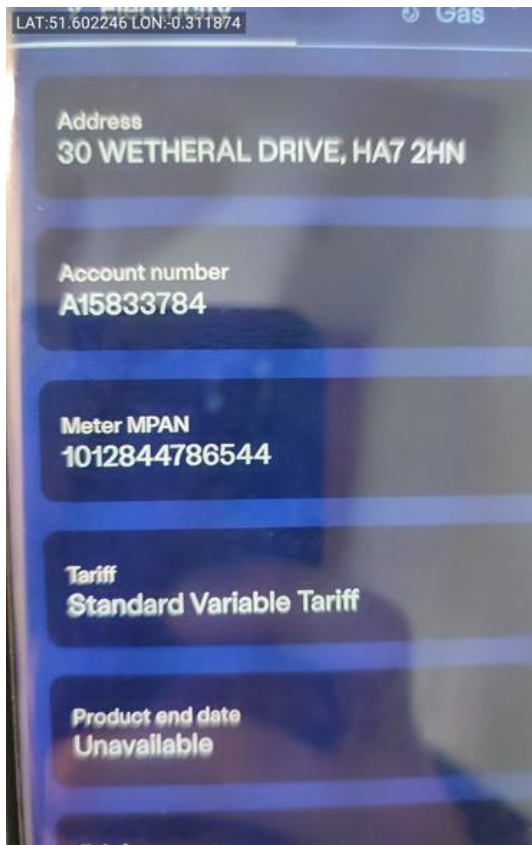


Photo 1



Photo 2



Photo 3



Photo 4



Photo 5



Photo 6



Photo 7



Photo 8



Photo 9



Photo 10



Photo 11



Photo 12



Photo 13



Photo 14



Photo 15



Photo 16



Photo 17



Photo 18



Photo 19

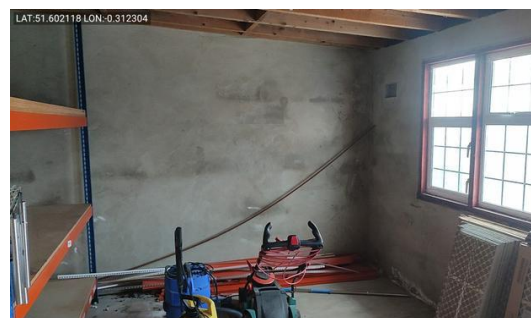


Photo 20



Photo 21

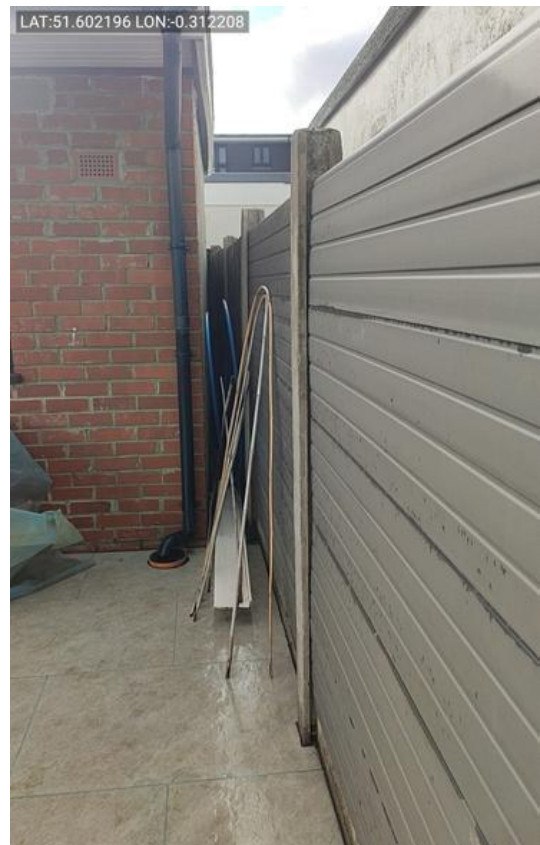


Photo 22



Photo 23



Photo 24



Photo 25



Photo 26



Photo 27



Photo 28



Photo 29



Photo 30



Photo 31