



# energyCOUNT

ENERGY ASSESSORS & SURVEYORS

## SAP Checklist

To complete a SAP calculation we require:

- 1) A completed checklist (where details are not marked on drawings)
- 2) Plans, Sections & Elevations (CAD files preferred)
- 3) Window schedule, if available
- 4) Site plan with Northpoint

## The Details

Project Address: .....

.....

Postcode: .....

Your Address: .....

.....

.....

Name: .....

Company: .....

Telephone: .....

email: .....

## Service Required

How many units/dwellings?:

SAP Calculation?:

Predicted Energy Assessment (PEA)?:

Energy Performance Certificate (EPC)?:

Please complete the following details including u-values where known:

## Wall Construction

Please describe or sketch the structure of the walls, e.g.:

100mm Brickwork  
25mm Cavity  
50mm Polystyrene  
100mm Thermalite Block  
12mm Plaster  
(u-value 0.30)

Main Wall	Secondary Wall (e.g. Wall between Garage and house, Dormer Cheeks, etc.)
<b>u-value:</b>	<b>u-value:</b>

## Roof Types

	Insulation	Thickness	u-value
<b>Plane Roof</b> (insulation at joists)			
<b>Sloped Roof</b> (insulation at rafters)			
<b>Flat Roof</b>			

## Floor Construction

Please describe or sketch the structure of the heatloss floors.

Main Floor (i.e ground floor) (Include Insulation type & thickness), and u-value if known	Secondary Floor i.e. Floor above unheated space (e.g. garage) (Include Insulation type & thickness), and u-value if known
<b>u-value:</b>	<b>u-value:</b>

## Glazing

(circle all applicable)

u-value (if known)				
<b>Air Gap</b>	6mm	12mm	16mm	Other:
<b>Type</b>	Argon-filled	e-coating		Triple Glazed
		soft	hard	
<b>Frame</b>	Wood	Metal	PVC	Other:



## Space & Water Heating

Main Heating System			
Fuel			
Manufacturer			
Model			
Efficiency (%)		Combi?:	
Heat Pump?			
Thermal Store?	NONE	INTEGRATED	HOT WATER ONLY
Description (if required)			

<b>Controls</b> (circle all that apply)	Roomstat	Programmer	TRVs
	By-Pass	Zone Control	Flow Switch
	Load/Weather Compensation	Other:	Other:
<b>Heat Emitters</b>	Radiators		
	Underfloor:		
	Pipes in wood	Pipes in concrete	Pipes in thin screed

<b>Hot Water - supplied by Main System?</b>				
Cylinder?		Size		Insulation Thickness

Secondary Heating	
Description (e.g. Closed wood burning room heater in lounge)	
HETAS approved?	
<input type="checkbox"/>	

## Sundries

Air Conditioning		Accredited (Robust) Construction			YES	NO
Total Number of Lights		No. Low Energy Lights		Exterior Lights	YES	NO
Number of Fans (all extractor fans, etc)		Number of Flues			No. Open Fireplaces	
Electricity Tariff	STANDARD	ECONOMY 7	ECONOMY 10	OTHER:		

## Technologies

Solar Panels	Photovoltaic (PV)	Hot Water:						
		Evacuated Tubes	Glazed Flat Plate	Unglazed Flat Plate				
Panel Area	m <sup>2</sup>	Orientation	Elevation	Horiz	30°	45°	60°	Vert

Energy Saved (by the technology)	
Energy Used (by the technology)	

No. Wind Turbines		Rotor Diameter	m	Hub Height	m
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Other (e.g. Hydro, Community Heating)	
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