



Energy Savers at Home

Saturday 18th and Sunday 19th January 2014

10am to 4pm

Transition Tavistock welcomes you to 'Energy Savers at Home': an opportunity to find out how other local homeowners are conserving energy or generating it from a renewable source.

This booklet provides details on each home, what energy features can be seen, a map to find the house, and when they will be open to view.

Mini-bus tours are also available morning and afternoon. Further details are inside, please contact us to book a place.

Small Print:

- no admission charges and all visits are made at your own risk
- ask any questions, that is the main purpose of the event
- no specific facilities for the disabled
- no dogs please, unless you have checked in advance

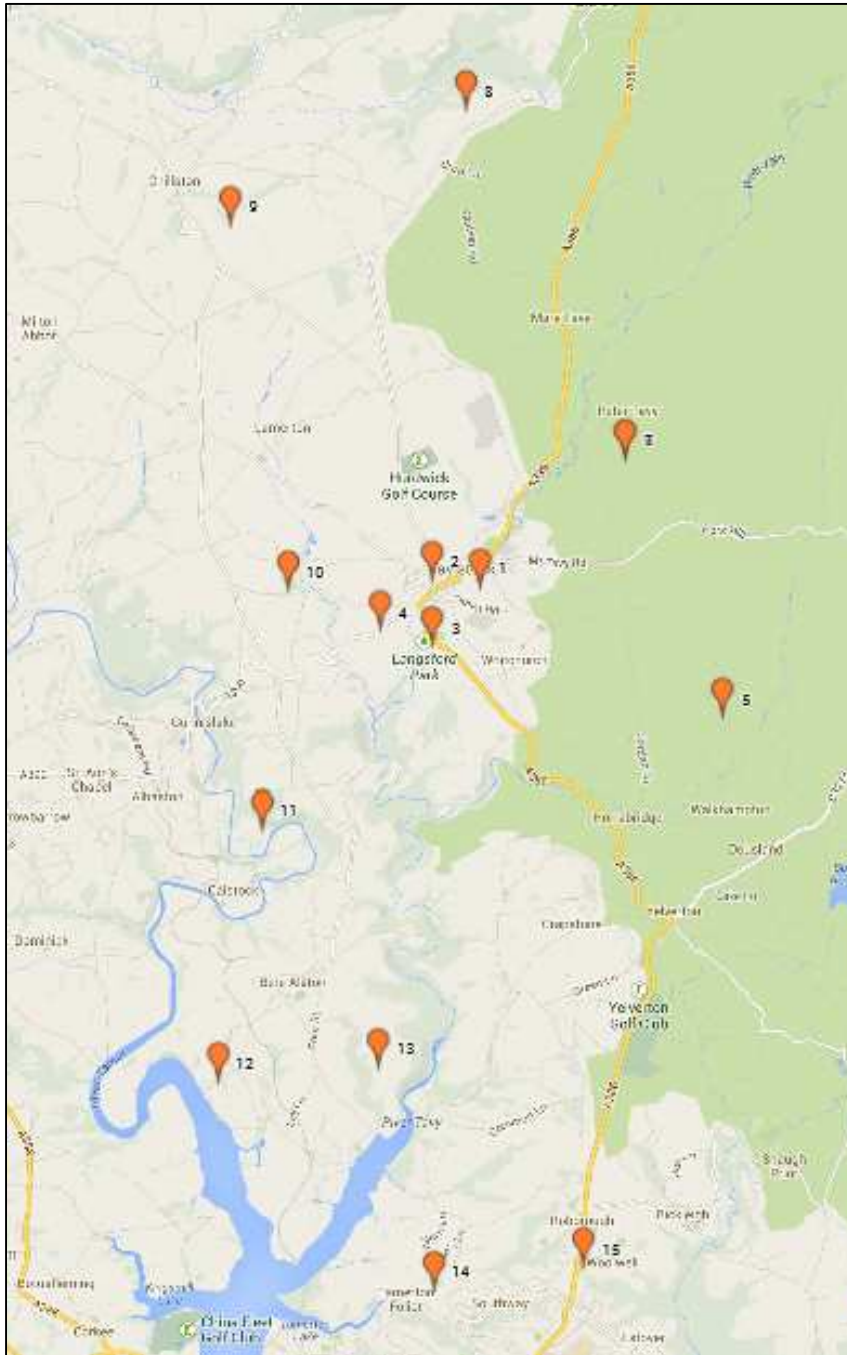
Eco-Fair

Saturday 25th January 2014

10am to 4pm at Tavistock College

Details inside

Overview Map of Open Homes



- 1 49 Milton Crescent, Tavistock
- 2 48 West Street, Tavistock
- 3 Tiddybrook House, Tavistock
- 4 Lumburn Rise, Tavistock
- 5 Stourton Farm, Sampford Spiney
- 6 Dartmoor Holidays, Old Sowntontown
- 7 Youlditch Farm House, Peter Tavy
- 8 Bush Park, Brentor
- 9 East Quither Farm, Quither
- 10 Artiscombe Farm, Millhill
- 11 3 Morwellham Cottages, Morwellham
- 12 The Counthouse, Weir Quay
- 13 Rumour, Collytown, Bere Ferrers
- 14 Keeper's Cottage, Tamerton Foliot
- 15 12 Woolwell Drive, Roborough

‘Energy Savers at Home’ is organised by Transition Tavistock and supported by The Energy Saving Trust

Tavistock and Area Open Homes

















Energy Saving Features



A selection of fifteen homes are open to visit from across the area, offering a variety of energy saving features.


		 Wind Turbine	 Photo Voltaic	 Wood Burning	 Heat Pump	 Solar thermal	 Heat Recovery, Ventilation	 Energy saving devices	 Insulation	 Technical advice
1	49 Milton Crescent, Tavistock		✓					✓	✓	✓
2	48 West Street, Tavistock		✓	✓				✓	✓	✓
3	Tiddybrook House, Tavistock				✓			✓	✓	✓
4	Lumburn Rise, Tavistock	✓	✓				✓	✓	✓	✓
5	Stourton Farm, Sampford Spiney		✓	✓	✓			✓	✓	✓
6	Dartmoor Holidays, Old Sowtontown		✓	✓		✓			✓	✓
7	Youlditch Farm House, Peter Tavy				✓	✓			✓	✓
8	Bush Park, Brentor			✓		✓		✓	✓	✓
9	East Quither Farm, Quither		✓	✓				✓		
10	Artiscombe Farm, Millhill			✓				✓	✓	✓
11	3 Morwellham Cottages, Morwellham		✓	✓	✓				✓	✓
12	The Counthouse, Weir Quay			✓			✓		✓	✓
13	Rumour, Collytown, Bere Ferrers		✓		✓	✓	✓	✓	✓	✓
14	Keeper's Cottage, Tamerton Foliot		✓	✓	✓				✓	
15	12 Woolwell Drive, Roborough		✓			✓		✓	✓	✓

- Check the schedule of Opening Times for availability.
- You can travel under your own steam or join a tour (see tour schedule).
- More detailed information is available for each home on www.transitiontavistock.org.uk.

Schedule of Opening Times

		Sat. 18th Jan.			Sun. 19th Jan.		
		10-12	12-14	14-16	10-12	12-14	14-16
1	49 Milton Crescent, Tavistock						
2	48 West Street, Tavistock						
3	Tiddybrook House, Tavistock						
4	Lumburn Rise, Tavistock						
5	Stourton Farm, Sampford Spiney						
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10	Artiscombe Farm, Millhill						
11	3 Morwellham Cottages, Morwellham						
12	The Counhouse, Weir Quay						
13	Rumour, Collytown, Bere Ferrers						
14	Keeper's Cottage, Tamerton Foliot						
15	12 Woolwell Drive, Roborough						

OPEN TO DROP IN	
CALL IN ADVANCE	

WALKING TOUR	
MORNING BUS TOUR	
AFTERNOON BUS TOUR	

Bus and Walking Tours Schedule

A number of tours are available on both Saturday and Sunday 18th and 19th January.

Viewing homes as a group is always popular, enabling participants to discuss and learn from each other along the way.

All tours will leave from Bedford Square* in Tavistock. **To join a tour please book a place*** by emailing or calling Kate Royston (kate.Royston@robbeesmole.com; 07969-569-444) ... you can also call on the day and see if places are available.

Saturday 18th January		
Walking tour 1: 10:00		
Start	10:00	Bedford Square
Home 2		48 West Street, Tavistock
Home 3		Tiddybrook House, Tavistock
Home 1		49 Milton Crescent, Tavistock
Finish	13:00	Approximate Time
Bus tour 1: 10:00		
Start	10:00	Bedford Square
Home 5		Stourtown Farm, Sampford Spiney
Home 6		Dartmor Holidays, Old Sowntontown
Home 7		Youlditch, Peter Tavy
Finish	13:00	Approximate Time
Bus tour 2: 13:30		
Start	13:30	Bedford Square
Home 14		Keepers Cottage, Tamerton Foliot
Home 15		12 Woolwell Drive, Roborough
Finish	16:00	Approximate Time
Sunday 19th January		
Walking tour 2: 10:00		
Start	10:00	Bedford Square
Home 2		48 West Street, Tavistock
Home 3		Tiddybrook House, Tavistock
Finish	12:00	Approximate Time
Bus tour 3: 10:00		
Start	10:00	Bedford Square
Home 4		Lumburn Rise, Tavistock
Home 10		Artiscombe Farn, Millhill
Finish	12:00	Approximate Time
Bus tour 4: 12:30		
Start	12:30	Bedford Square
Home 11		3 Morwellham Cottages, Morwellham
Home 12		The Counthouse, Weir Quay
Home 13		Rumour, Colleytown
Finish	16:00	Approximate Time

*In case of bad weather please wait under the arch way by the Tourist Information Office
A small contribution will be requested for bus tours to cover fuel costs.

Home 1

49 Milton Crescent, PL19 9AL Tavistock Mike and Jenny Dennis



Solar PV, Insulation, Energy saving devices

Open: See opening times Phone: 01822 618142

Bus Tour: Walking tour

Details:

- Roof mounted Solar PV (3.87 KW) with 4kw grid tie inverter
- One + years monitoring history
- Modern boiler and controls
- Green tariff electricity
- Range of solar powered energy saving devices

Directions: Up Down Road, Left into Down Park Drive, at T junction turn right and then immediately left. We are on the right.

Public transport: Bus stop at the bottom of Deer Park Lane.

Parking: In the road



Home 2

**48 West Street,
Tavistock, PL19 8JZ
Richard Baker**



Wood pellet boiler, solar PV, energy monitoring, double glazing, low energy lighting, battery storage for electrical devices, technical advice available

Open: See opening times **Phone:** 01822 611451

Bus Tour: Walking Tour

Details:

Pellet heater and pellet boiler to do the hot water and under floor heating. PV panels on the roof. Highly insulated house, low energy lighting on full battery support throughout. Sophisticated hot water cylinder designed to use stratification of heat and ensure the gas backup boiler remains in condensing mode and operating at maximum efficiency. All appliances are AA or AAA rated.

Directions: Top of west street opposite the funeral directors. Large oak door and granite step with light in it.

Public transport:

From bus station, up the hill between Methodist church & dentist

Parking: On road



Home 3

Tiddybrook House

Brook Lane, Tavistock, PL19 9DP

Jeremy Davies



Ground source heat pump (river based), Insulation, heat management

Open: 10:00 to 16:00 Phone: 01822 618583

Bus Tour: Walking Tour

Details:

- New build highly insulated – floor, walls, double glazing etc.
- Old building restoration
- 11kw ground source heat pump using river water with riparian rights
- Ventilation utilising rooflight convection
- Computer controlled heating management system
- Large glazed areas for solar gain and natural daylighting

Directions:

In Brook Lane opposite the trading estate, before the bridge over the Tiddybrook

Parking: On road or nearby



Home 4

Lumburn Rise

Callington Road, Tavistock PL19 8HP

Paul & Heather Richardson



‘In-progress’ 1930’s farmhouse self build renovation & extension with many low energy features including off grid PV & small windturbine

Open: 10:00 to 16:00 Phone: 01822 613868

Bus Tour: Yes

Details:

- Passive gain from glazed two story extension
- Whole-house heat-recovery ventilation system
- Under floor heating from thermal store
- Off grid PV and 1.5kW wind turbine
- Secondary & double glazing
- Cavity wall insulation
- Wall secondary internal thermal layer
- 24v LED light system in development



Directions:

Last house in Tavistock on A390 to Gunnislake.

On left 100m outside of 30mph zone.

Parking: On road or nearby

Home 5

Stourtown Farm

Sampford Spiney, Yelverton PL20 6LD

Beau Dobson



Barn conversion in Dartmoor National Park, damp treatment, roof & wall insulation, wood stoves, Ground Source Heat Pump & Solar Photovoltaic (ground mounted)

Open: 10:00 to 16:00 Phone: 01822 852933

Bus Tour: Yes

Details:

- DNPA rural planning controls limitations
- Self build renovation over six years
- Under floor drainage, insulation and heating
- Multifoil wall insulation, damp control & double glazing
- Airtightness
- Ground source heat pump using ground loops

Directions:

From Tavistock across Whitchurch Down towards Stampford Spiney, but ignore the sign to Stampford Spiney and go straight on and turn first left – Stourtown Farm is at the next corner

Parking: On road or nearby

Home 6:

Dartmoor Holidays, Old Sowtontown, Peter Tavy, PL19 9JR Chris Boswell



Solar thermal & PV, Wood boiler, Insulation, Methane collection

Open: 10:00 to 16:00 Phone: 01822 810687

Bus Tour: Yes

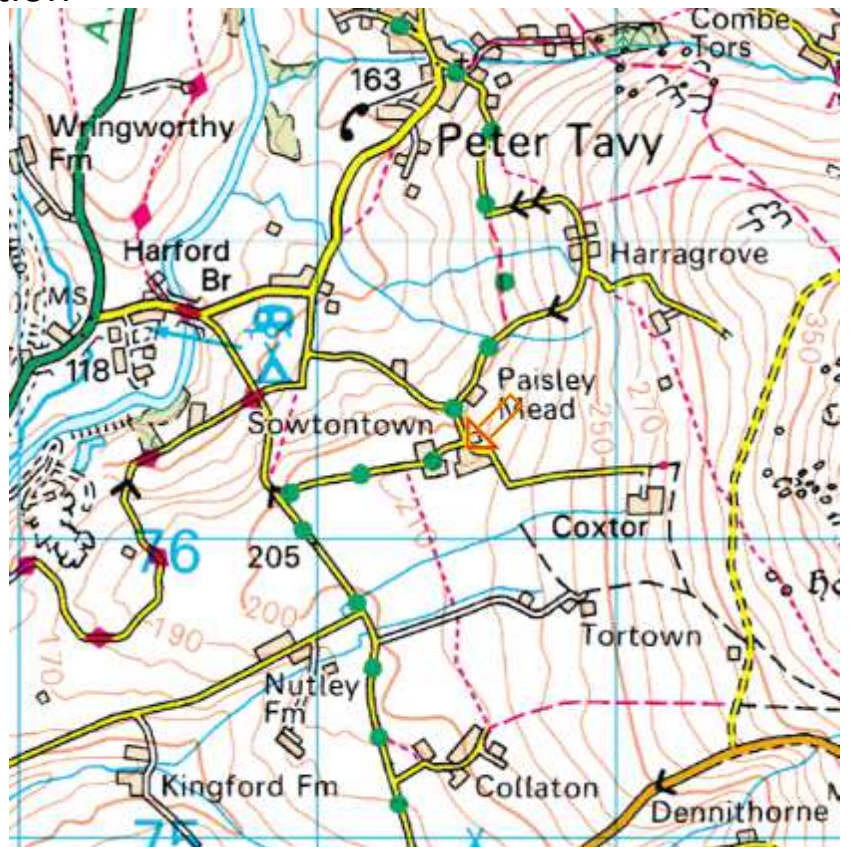
Details:

- 25kw Vigas log boiler + heat store servicing several buildings
- Technical advice available – installed boiler ourselves
- Some local sourcing of wood
- Experimental methane collection from septic tank & other
- Barn conversion using hemp/lime, Tri-iso and pavatex insulation
- Solar thermal installation with 12 years of experience
- Roof based solar PV installation

Directions: Take Peter Tavy turning off A386, cross river bridge and immediately fork right up Batteridge Hill. At top of hill take left turn to Sowtontown. Follow the lane to junction where we are on the right in a collection of old stone farm buildings

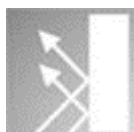
Parking: Drive in to yard. Park on large concrete apron

Public Transport: Bus stop at Peter Tavy cross



Home 7

Youlditch Farm House, Peter Tavy, PL19 9JR Peter and Angie Smith



**Solar thermal; air source heat pump;
insulation methods; damp resolution;
advice on listed property renovation!**

Open: 10:00 to 16:00 **Phone:** 01822 810154

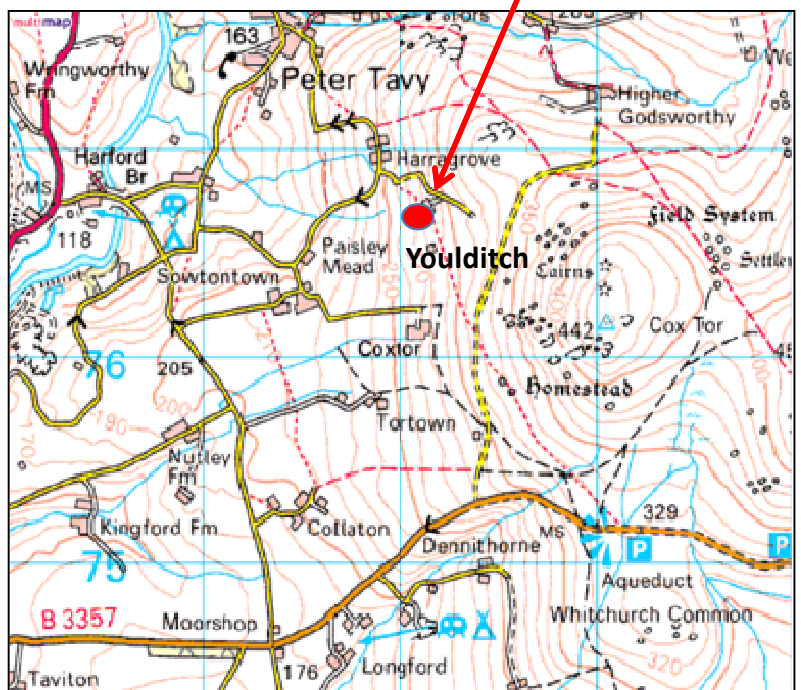
Bus Tour: Yes

Details:

- Classical Devon long house with profound damp problems now resolved and including:
 - Extensive insulation and draught proofing
 - Under-floor heating
 - Heating controls
 - Solar thermal panels
 - Modern boiler
- New build studio with high level of insulation with air source heat pump

Directions: Turn off A386 at the sign to Peter Tavy. Pass Caravan Park on the right, over bridge and bear left up the hill. Where the road turns left towards Peter Tavy village, turn right up the lane. From here the lanes are all narrow with passing places. Take the first left turn and left turn at the next junction. Continue up the winding hill and take the first right turn (no through road sign). Carry on up this winding steep hill lane to Youlditch Farm (gate on right with cattle grid and drive way).

Parking: At the farm house



Home 8

Bush Park

Brentor / Lydford, PL19 0NE

Adrian and Sue Hepworth



Solar thermal; insulation; modern boiler; rain water harvesting; wood burning stove and wood management; alpacas; experimental wind

Open: 10:00 to 16:00 **Phone:** 01822 820345

Bus Tour: No

Details:

Solar thermal unit incorporating small solar PV cell to power pump and recharge batteries of the control unit and related heat store

Wood burner

Rain water harvesting

New central heating boiler and controls

Experimental vertical wind turbines

Small holding including alpaca's

Directions:

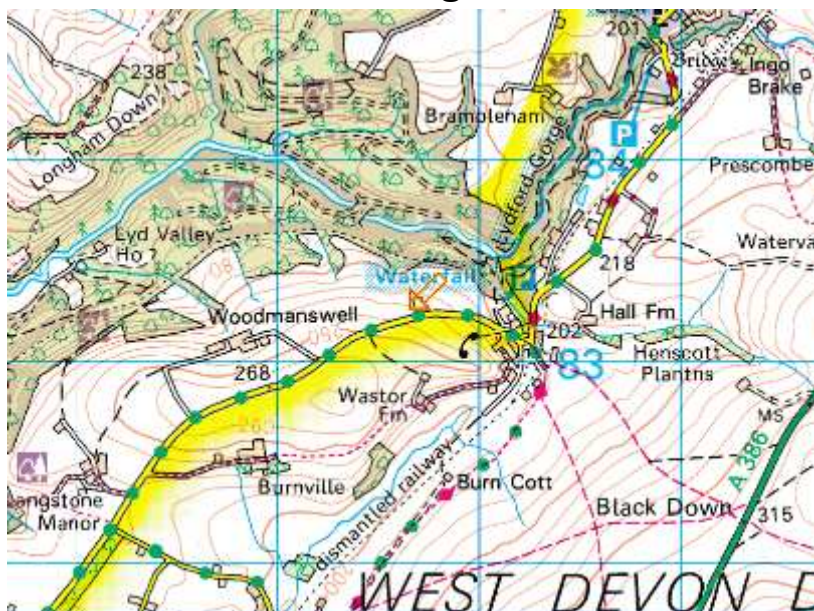
Take Bank Road out of Tavistock. Drive for approx. 6 miles and Bush Park is on the left just after the double bend sign & before reaching Lydford Gorge.

Parking:

At Bush Park

Public Transport:

Bus 118 stops outside (request stop).



Home 9

East Quither Farm
Chillaton, Tavistock PL19 0PZ
Richard Searight



Ground mounted PV array; solar switch; wood burning stove

Open: 10:00 to 16:00
(excl. Sunday 10:00-12:00)

Phone: 01822 860148

Bus Tour: Not included



Details:

- Grade II Listed property
- 4kw ground mounted PV array – 12 panels
 - planning requirement to be on an 'A' frame in the garden
- Testing new solar switch to optimise utilisation of the panels
- Wood burning stoves
- Dress for the season!

Directions:

Approaching Chillaton from Tavistock the lane to Quither is on the right on the hill down before the village
Continue to the end of the lane and turn very hard left at the house with a water wheel on it.

We are at the end over a cattle grid

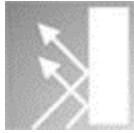
Parking: In front of house



Home 10

**Artiscombe Farm,
Crease Lane, Mill Hill,
Tavistock, PL19 8NN**

Nick Porter



40kw log boiler, accumulator tank and heat main; new heating system and controls

Open: Sunday 19th only: 10:00 to 16:00

Phone: 07712831384

Bus Tour: Yes

Details:

- 40kw log gasification boiler, with 2,500 litre accumulator tank (Eco Angus Orlingo 200)
 - Replaced oil and coal burning devices – savings expected
 - Included full central heating installation throughout house and a heat main (hard work!)
- Solar PV not feasible due to limited capacity to connect to supply line

Directions:

From Drakes Statue towards Callington (up Callington Rd) take right up Crease Lane opposite Church.

1.5miles after pink Cottage, straight across cross road, as road starts to climb 150 metres on left.

Farm at the end of private lane, entrance through left gate.

Parking: Ample

Home 11

3 Morwellham Cottages

Tavistock PL19 8JL

Andy Metcalf



Biomass Boiler, Solar PV, Solar switch; Air source heat pump

Open: 10:00 to 16:00

Bus Tour: Yes

Details:

- House has wood pellet heating
- 3.4kW Solar PV system with immersion power dumping
- Garage conversion with an Air Source Heat Pump

Directions:

Follow the signs to Morwellham Quay
The cottages are beyond the museum

Parking: for 3 cars

Professional advice on all forms of renewable energy design and installation

New Generation Energy Ltd

Unit 24, Crelake Industrial Estate, Pixon Lane,
Tavistock, Devon. PL19 9AZ

Phone: 01822 833729

Mob: 07896 560654

www.newgenerationenergy.co.uk



Home 12

The Counthouse

Tamar Union Smelting Works

Weir Quay, Devon PL20 7BT

Geoff & Patricia Moss



Grade II listed building, roof and wall insulation, underfloor heating, biomass boiler, heat recovery

Open: 10:00 to 16:00 **Phone:** 01822 841393

Bus Tour: Yes

Details:

- Gradual restoration of the Smelting Works (Grade II listed), starting with the domestic accommodation
- Full thermal roof and wall insulation,
- Underfloor heating system with zoning
- Boiler flue heat recovery
- Efficient lighting and appliances

Directions:

On approach to Bere Alston turn left at 30 mph signs, signposted to Weir Quay. Follow Weir Quay signs.

The Works is on the RHS just past the red 'phone box.

The Tamar is a further 100m down.

Or a 20 minute walk from Bere Alston village

Parking:

Use the top car park or the road lower down

Home 13

Rumour

Collytown, Bere Alston, PL20 7ED

Pete & Helen Silcock



Solar PV, solar thermal, insulation, solar capture, innovative heat pump and heat store, biomass boiler, full house heat recovery, etc

Open: 10:00 to 16:00

Phone: 01822 841005

Bus Tour: Yes

Details:

- New build part underground eco-home (near completion)
- Insulation includes concrete forms (ICF) for walls, floor and roof
- Solar PV panels (3.84KW) & vacuum solar thermal
- South facing conservatory for solar capture into heat store
- Innovative heat pump development with mass heat storage in stone and water
- many other energy saving and efficiency features



Directions: From Bere Alston road fork left to Bere Ferrers. Next left to Collytown. 1 ½ miles on the left. Not down steep hill

Parking: At the house

For more detailed information on 'energy saving at home' at Rumour go to www.transitiontavistock.org.uk

Home 14

Keeper's Cottage

100 Coombe Lane, Tamerton Foliot,
Plymouth, PL5 4LF

Robert & Sara Plumb



Solar PV, air source heat pump, wood burner (multi-fuel), insulation, bio-digester, energy saving lights and devices

Open: Saturday only 10:00 to 16:00

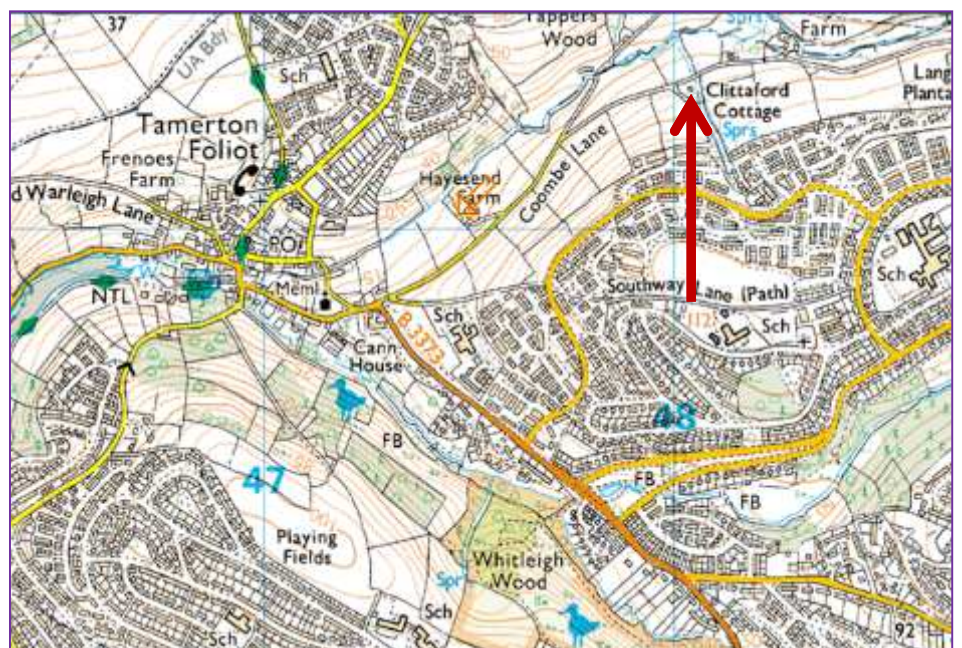
Phone: 01752 651125

Bus Tour: Yes

Details: Keeper's Cottage is a 1936 listed building, with a modern extension completed in December 2011. Cavity wall injected insulation, loft insulation and a multi-fuel stove in the cottage, PV array, air source heat pump and fully insulated extension. Private water and wood supply. Bio-digester. Energy saving light bulbs.

Directions: Entering Tamerton Foliot from the Crownhill direction, you find Cann House Residential Home on your right. At a sharp right bend, turn left and proceed down Coombe Lane passing the Star Garage on your right. About ½ mile down the lane the road divides, take the right hand fork, up a small hill passing an electricity sub station on your right. You will see Keeper's Cottage after further 300 yards on your right. Turn into the drive and park.

Public transport: Bus No.42, every 20 min from Royal Parade in Plymouth or from The George Park and Ride. Bus stop opposite St Mary's parish church, about 50 yds past the turning to Coombe Lane.



Home 15

12 Woolwell Drive

Roborough, Plymouth, PL6 7JP

George Richardson



Solar thermal, Solar PV, solar powered forced air system, automated controls, solar switch, monitoring, blackout blinds

Open: 10:00 to 16:00

Phone: 01752 795633

Bus Tour: Yes

Details:

- 1.2kW automated solar power heated forced air supply
- 2.8kW solar powered, evacuated tube design domestic hot water supply fitted to roof - automated
- 4.0kW solar PV array fitted to roof
- 4.0 kW electronic relay system fitted [trade name Gemma] to enable maximum amount of power generated to be retained within property
- several simple roller black-out blinds fitted to collect heat

Directions: Very close to Tesco Superstore in Roborough Plymouth. Our road is half way up from the roundabout on the A386 to the Tesco Roundabout. House with scaffold.

Public Transport: 600 yards walking distance from the bus stop on the Woolwell roundabout.

Parking: Ample on sreet

Energy Savers Eco Fair – Saturday 25th January

**Please join us at the Energy Savers Eco Fair - 10:00 to 16:00 -
Tavistock College, Crowndale Road, Tavistock, PL19 8DD**

Meet exhibitors for advice on energy conservation, renewable energy, woodfuel, planning, grants and more

- Join practical workshops providing advice on energy saving and DIY measures
- Enjoy inspirational presentations and discussions
- Bring the children – there will be an energy saving area for younger visitors as well as practical activities
- Come and support Tavistock College Solar Schools campaign
- Light refreshments will be available

Exhibitors include:

Renewables and biomass	DARE (Devon Action for Renewable Energy) New Generation Energy
Hydropower	South West Water
Solar switch technology	AC & T Ltd.
Wood stoves and flues	Elaine Stoves
Wood fuel management	Liz's Logs
Natural building materials & insulation	Mike Wye and Associates
DIY materials	Shields DIY
External Wall Insulation	Green Hus
Lighting	Pure Vision
Community Energy	Plymouth Energy Community Tavistock & Tamar Energy Network
Electric Vehicles	EV Motion Upcott House
Local initiatives & organisations	Roots to Transition Tamar Valley AONB Tavistock Car Club Tavistock College Solar Schools Tavistock Enterprise Hub Tavistock Woodlands Group

More details – www.transitiontavistock.org.uk

Practical workshops and talks include:

- A guide to micro-renewable technologies for heat and power including FITs and RHI
- Working with Planning
- About solid wall insulation – pros and cons – including practical workshop on thermal plastering
- External wall insulation, Green Deal and ECO

- How to read your meter, interpret your energy bill, and heating controls
- Energy Saving Behaviours

- DIY Loft Insulation (Skills sharing) and hot cylinder & pipes lagging
- Draught Busting & DIY secondary glazing

- Treatment of listed and historic buildings

For more details and timings see www.transitiontavistock.org.uk

Microgeneration Scheme Registered installers for:
Wind, Photovoltaic, Solar Thermal, Heat Pumps,
Biomass.

We are able to advise, supply and install a range of renewable energy products. As a responsible company, New Generation Energy are committed to helping customers achieve their renewable energy ambitions and strive to provide the best possible solutions to suit their individual needs.



Andy & Sonja Metcalf, Unit 24, Crelake Industrial Estate, Pixon Lane, Tavistock, PL19 9AZ
Tel: 01822 833729 Email: info@newgenerationenergy.co.uk www.newgenerationenergy.co.uk

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For more information call Beau on 01822 852933 or look at our website lizlogs.co.uk

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grow connect create
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access on Elbow Lane...
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call 01822 610824
email adam@tavistockenterprisehub.co.uk
www.tavistockenterprisehub.co.uk

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		Energy Saving Features										Opening Times					
		 Wind Turbine	 Photo Voltaic	 Wood Burning	 Heat Pump	 Solar thermal	 Heat Recovery, Ventilation	 Energy saving devices	 Insulation	 Technical advice	Sat. 18th Jan.		Sun. 19th Jan.				
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2	48 West Street, Tavistock		✓	✓						✓	✓	✓	✓	✓	✓	✓	
3	Tiddybrook House, Tavistock				✓					✓		✓		✓	✓		
4	Lumburn Rise, Tavistock	✓	✓				✓			✓							
5	Stourton Farm, Sampford Spiney		✓	✓	✓					✓	✓	✓	✓	✓	✓	✓	
6	Dartmoor Holidays, Old Sowtontown		✓	✓						✓	✓	✓	✓	✓	✓	✓	
7	Youlditch Farm House, Peter Tavy				✓					✓		✓					
8	Bush Park, Brentor			✓						✓							
9	East Qulther Farm, Qulther		✓	✓						✓							
10	Artiscombe Farm, Millhill			✓						✓				✓			
11	3 Morwellham Cottages, Morwellham		✓	✓	✓					✓	✓	✓	✓		✓		
12	The Counthouse, Weir Quay			✓						✓	✓	✓	✓				
13	Rumour, Collytown, Bere Ferrers		✓		✓					✓	✓	✓	✓				
14	Keeper's Cottage, Tamerton Foliot		✓	✓	✓					✓		✓	✓				
15	12 Woolwell Drive, Roborough		✓							✓	✓	✓	✓			✓	