

**Angus Village Halls  
Renewable Energies Group  
Note of Meeting Tuesday 27 February 2007**

<b>Present:</b>	Mark Johnston; Irene Farquarson Elma Milne Isobel Sword Gladys Strachan Audrey McLean Maggie Sherrit Tom Davidson;	<i>Menmuir Village Hall Letham Village Hall Kingsmuir Village Hall Plashmill Lethnot Hall Lethnot Angus Council Angus Council</i>
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<b>Apologies:</b>	Elaine Morrison	<i>S.C.H.R.I.</i>
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### **1. Letham**

The favoured installer for two large solar panels to heat hot water was Monaghan & Hornell at approximately £4000. (including a new hot water tank). This system will include a panel which shows the value of power taken from daylight to heat the water.

Irene will be able to monitor the effectiveness of the system over summer and winter. The hall committee will now explore the feasibility of gas central heating.

### **2. Kingsmuir**

Still gathering quotes!

- No quotes gotten yet for Air – Source heat exchange
- 3 quotes got for solar panels
- 1 quote for external cladding

Windows need upgraded, either secondary glazing, new windows, or new double-glazed units within the existing frames.

Noted that it will only be possible to get one quote for air-source heat pump – as there is only one system big enough for this hall. (EcoLiving)

Elma had visited a hall in Inverness with this system and had been advised:

- it has a slight running noise
- it heats the hall quite quickly when switched on

The Inverness system has not been in operation long enough to know its actual running costs. EcoLiving say that the system will produce 4 units of heat for every unit of electricity used to run it; ie. It should be ¼ the cost of conventional electric heating.

Elma said they will keep two of the traditional electric radiators, as back up.

This system may be of interest to other halls which have little space around them eg. Auchmithie or Lethnot.

### **3. Plashmill**

Organisation is now formally constituted, and has been given charitable recognition:

- Still examining energy sources and keen to know energy potential of burn
- Noted that it would be possible to put a heat-exchange system in the burn to extract heat

### **4. Lethnot Hall**

Still not using Nuairé – other than for ventilation after big events!

Sense of minor dampness in hall still; it would be useful to replace (at least one) window with a double-glazed unit with a trickle vent.

### **5. Menmuir**

System working with little maintenance.

System had switched itself off and on as water levels in burn went down and up.

### **6. Booklet**

The meeting was happy with the outline suggested for a booklet of local experience. Tom to do first drafts for circulation.

### **7. Date & Time of Next Meeting**

The next meeting will be held on Tuesday 10<sup>th</sup> April at 5.30pm for 6pm start  
Letham.

**Tom Davidson**  
*Area Community Learning & Development Officer*