

Heat Pump Working Group September Status Report

Budget expenditures through September 30, 2004:

Task	July	August	September	Total
Task 1: Sampling Plan	1,560.00	3,450.00		5,010.00
Task 2&3: Control Group	2,175.00	15,790.00	21,884.00	39,849.00
Task 4&6: Participant Group			15,800.00	15,800.00
Task 5: Field Work		2,545.00	25,285.21	27,830.21
Task 7: Billing Analysis		657.73		657.73
Task 8: Interviews	2,974.80			2,974.80
Task 9: Lab Test				
Total	6,709.80	22,442.73	62,969.21	92,121.74

Surveys and site visit recruitment as of September 30, 2004

Location	Goal Control Sample Surveys	Completed Control Sample Surveys	Goal Field Sample	Recruited Field Sample	Field Visits
Yakima/Walla Walla	250	250	40	107	4
Kitsap Peninsula	250	249	40	39	8
Portland/Vancouver	250	37	40	6	2
Bend	250	204	40	55	5
Coast	250	0	N/A	N/A	N/A
Total	1,250	740	160	207	19

- Discussion Issue: At the Coast we only have a relatively small sample of homes from PacifiCorp. Is it worthwhile to have this additional region for the billing analysis and what is the impact on budget?

Other Highlights:

- Clark PUD has agreed to participate in the Heat Pump Market assessment and is providing sample population in addition to PacifiCorp for the Portland/Vancouver area to recruit a control group for the billing analysis as well as site visits for field tests. Please welcome Fred Tulp from Clark PUD to the Heat Pump Working Group.

- Contracted with Purdue to perform lab testing of heating system performance with TXVs and standard systems under different refrigerant charge conditions as well as incorporate the results in an available model.
- Utilities that have agreed to participate in the billing analysis are:

Benton Co. PUD#1
Benton REA
Franklin Co. PUD#1
Richland
Clallam Co. PUD#1
Port Angeles
McMinnville Water & Light
Midstate Electric Coop

In addition, the following utilities have been contacted and have indicated an interest in participating:

Clatskanie PUD
Cowlitz Co. PUD
Central Electric Coop
Grays Harbor Co. PUD
Tillamook Co. PUD

We will still be actively recruiting other ConAug and C&RD utilities for this regional effort and would like the HPWG members to encourage all their peers to participate.

- Monitoring equipment has been installed in 5 homes provided by ODOE in conjunction with their research and data collection is ongoing for completion Q2 2005.
- Ecotope will give a short update on the market assessment at the October 19th RTF meeting.

-
-
-

q:\te\rtf\evaluations\heat pumps\hpresearchstatusrprt_0904.doc