

ACTIVITY ANALYSIS: COMFORT HEATING-ENERGY EFFICIENCY – COMMERCIAL, INDUSTRIAL AND RESIDENTIAL

Activity: Looking for ideas/programs that could be tapped to save energy in the community.

Impact/Benefit

- Emission reductions from that type of source:
(While it is not necessary (and may not be possible) to quantify the emission reductions, quantitative estimates may be more useful than purely qualitative estimates (large medium or small)).

Small – depending on scale of project. HOWEVER, still worthy with other community benefits.

- Number of similar sources (large or small number):
(For example, there are a lot of vehicles in the communities, but probably a relatively small number of outdoor wood boilers.)

Many homes, fewer businesses. Businesses may have bigger energy savings.

- Severity of the impacts to be mitigated:

Financial are significant; air quality globally – severe; this neighborhood does not make a big impact on global climate change.

- Visibility of the impacts:

(For example, the unique paint jobs of hybrid buses make them more visible, whereas clean diesel buses produce significantly fewer emissions than standard buses but are less visible.)

Small – except if we engage the community to be visible and participate in energy retrofits.

Plan

Retrofit homes, providing simple strategies, such as training a work force in the community to do a variety of retrofit jobs requiring different skill levels;

Recommission commercial buildings in the community (Plaza Verde, Mercado Centrale, Global Market, Allina, Wells Fargo, smaller strip malls, Somali Mall, Anderson School and other schools, congregations' buildings);

Community meetings to discuss ways to save money – business, residential, commercial, institutional – and to connect them with resources;

Approach organizations Center for Energy and Environment, for example, to include the Phillips/Ventura Village community in their energy saving efforts; and

Approach training centers (e.g., Dunwoody, OIC's, etc.) about a simplified low cost training program for weatherization training.

Implementability

- General feasibility (easy, difficult):

Parts of the project highly implementable.

- Cost of implementing (financial and labor):

Cost for energy audit training at Dunwoody for a five (5) day class is \$775.

- Need for additional funding, list of possible funding sources:

Federal stimulus money for weatherization.

- Recommendation on how to and who should pursue funding:

To be determined.

- Labor required and available to implement activity (volunteer or professional labor):

To be determined.

- Timeframe to implement (one-time or on-going):

To be determined.

- Ripeness for action:

This activity can be initiated immediately:

yes/**no**

This activity needs funding:

yes/no

Funding for the activity can be secured immediately or soon:

TBD/no

Recommendation

Implement as-soon-as-possible; implement as resources are available or do not implement.