



**TLINGIT HAIDA REGIONAL
HOUSING AUTHORITY
ENERGY CENTS
PROGRAM**

*Conserving Energy...
It makes CENTS!!!*

Let's Get Down to the Brass Tacks...

Communities throughout Southeast Alaska currently have energy usage ratings **significantly** higher than the national average with some the contributing factors being:

- Lack of appropriate energy conservation education and awareness
- Ineffective appliances
- Fuel/oil costs
- Lack of effective appliances within communities



Who is this affecting??

OUR RURAL COMMUNITIES!!

In Southeast Alaska **4 of the 14** communities our energy program will be serving have electric costs 275% ABOVE the national average-

- Kake
- Craig
- Juneau/Douglas
- Angoon
- Skagway
- Wrangell
- Haines
- Hoonah
- Hydaburg
- Kasaan
- Klawock
- Petersburg
- Saxman
- Yakutat



What is Our Game Plan?!

Complete **home energy usage assessments** and provide **energy conservation education** and **energy use monitoring** for 400 rental tenant families throughout 14 communities in Southeast, Alaska.

To complete this project, funding will be used to develop and provide **tenant education** and **training** specific to household behavior to reduce energy consumption.



What else are we planning?

- **THRHA** also plans to:
 - Assist communities in providing **Energy Fairs** throughout Southeast Alaska
 - Locally hire throughout 14 communities Energy Field Representatives'
 - Perform energy usage audits and assessments
 - Community Outreach
 - Coordinate with schools and communities to provide energy conservation awareness
 - Work with retail stores within communities to provide effective energy efficient appliances
 - Collect household data to assess need for new appliances
 - Provide members of community with energy conservation knowledge and awareness

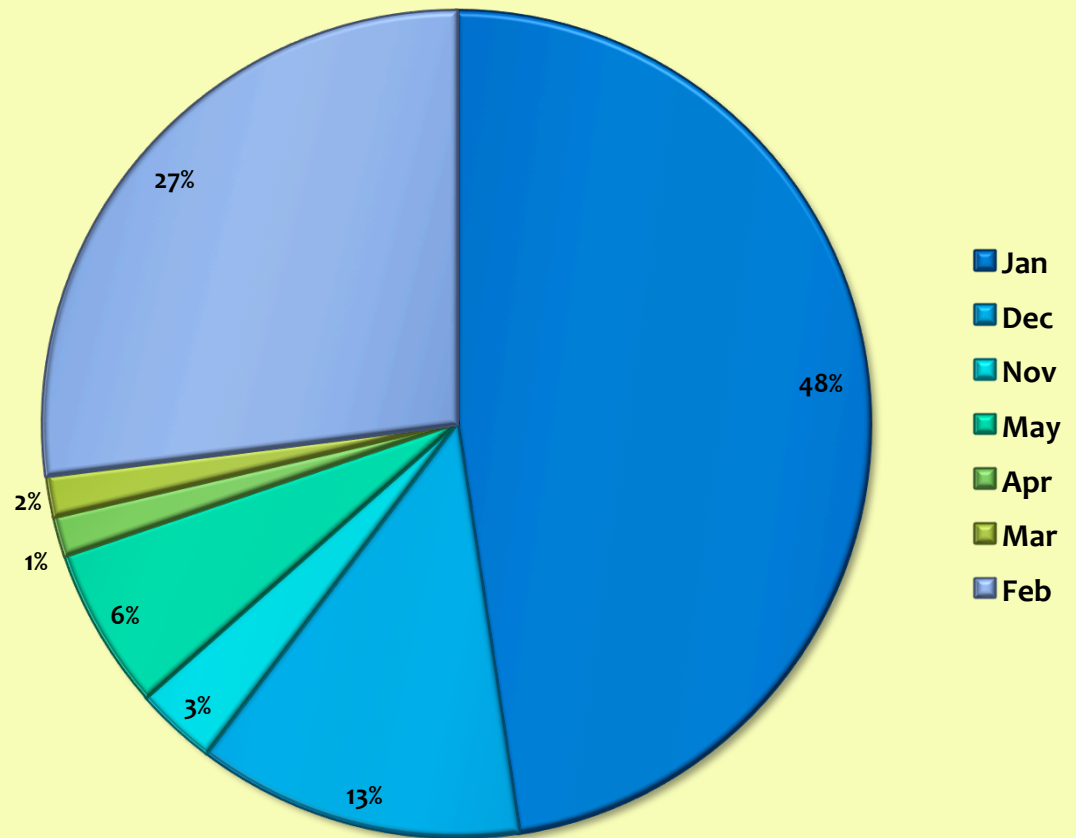


Example Juneau Utility Costs by Month

As you can see,
December, January,
and February have the
highest KWH usage,
meaning the highest
utility costs

It is important that for
our communities;
THRHA assess and
analyze ways to lower
utility costs for high-
cost months.

Utility Costs by Month



How will we do it?

- Collection of current baseline data
- Energy usage assessments
- Continuous energy education and awareness
- Training of field representative's and other community members

And most importantly

Community awareness and support



Easy changes-Lighting

- Switch to **energy efficient lighting** is one of the FASTEST ways to cut your energy bill.



LED Flood
Lights



LED Light Bulbs



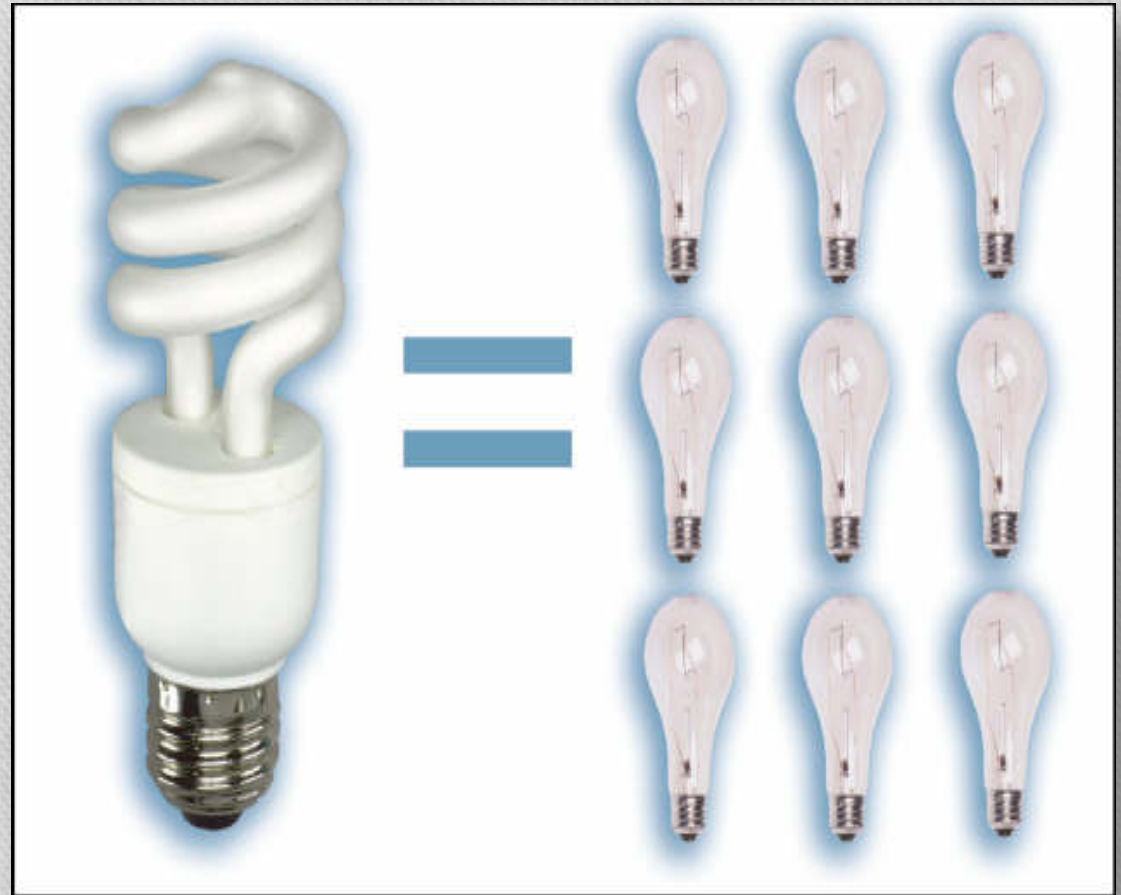
CFL Light Bulbs



Energy-Saving
Incandescent
Light Bulbs

CFL Light Bulbs

- ENERGY-STAR CFLs use 75% less energy AND last up to 10 times longer than incandescent bulbs
- Use $\frac{1}{4}$ of the **energy**
- Same brightness and colors as traditional bulbs
- A typical CFL can pay for itself in *less* than 9 months and will CONTINUE to save you money each month!!!



LED Light Bulbs

- Lasts 25 times as long as traditional light bulbs
- Use only 20%-25% of the energy as traditional bulbs
- Come in a variety of colors
- LEDs are now made for desk lamps, kitchen lighting, and even holiday light strings!



Interested?

THRHA would truly appreciate any support available; combining efforts to help Southeast communities become more energy efficient.

Please contact your tribe or community-
THRHA would be happy to support and assist
our Southeast communities

Time to Finish up!

Saving Energy is a change each community can make on a daily basis.

Saving Money is something that we would ALL like to do.
Let's work together to ensure that the resources we have now are available for the future!

Thank You!!!



Tasha McKoy, Energy Conservation Program Coordinator