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# High Power Bill ?

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CVEC wants to help you figure out why!  
From the homepage of MyCVEC.com,  
log into the pay.mycvec.com site to view your account:

**Central Virginia Electric Cooperative**  
HONEST · FAIR · RESPONSIBLE

SEARCH MyCVEC

MY ACCOUNT MY SERVICE BE SAFE MY ENERGY LIGHTS ON! ABOUT CVEC THE NEWS CO-OP CONTACT

**Welcome to Everything CVEC**

Serving over 35,000 members, Central Virginia Electric Cooperative is a member-owned, not-for-profit electric utility headquartered in Colleen, Virginia. CVEC serves residential, agricultural, commercial and industrial accounts in the rural portions of 14 Virginia counties. Created by the members to provide electric service where it was previously unavailable, CVEC has been improving the quality of life since 1937. For over 75 years, the Co-op has provided the reliable delivery of affordable energy to its member owners.

**CVEC Mobile App is here!**

**Breaking News Updates HERE!**

Access MyCVEC Sign-up Info Careers at CVEC CVEC App is Here! C&I Accounts CVEC on Facebook Co-op Card Info Touchstone Energy

**LEARN MORE ABOUT THE POWER OF YOUR CO-OP MEMBERSHIP.** TOGETHERWESAVE.COM


HOME | REPORT AN OUTAGE | PAY MY BILL | CONTACT CVEC  
Phone: 434.263.8336 | Toll free: 800.367.2832 | Fax: 434.263.8339

Corporate Headquarters:  
800 Cooperative Way  
Arrington, VA 22922

Mailing Address:  
P. O. Box 247  
Lovingsston, VA 22949

# This is what you will see. Sign in.

*(If you've not set up an account, enroll on the site by following the instructions.)*



CENTRAL  
VIRGINIA  
ELECTRIC  
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## MEMBER ACCOUNT PORTAL

[Payments](#) | [My Account](#) | [My Alerts](#) | [My Usage](#)

Tuesday, March 07, 2017

You are here: [Customer Login](#) [Login](#)

### Customer Login

To enter the portal, take note of your base member number on your bill:

- 12345-001 is an account number.
- The base member number in the above example is 12345 (the numbers before the hyphen).
- Enter the base member number for your account number
- Enter the same base member number for your temporary password.
- You will be asked to change your temporary password upon first login for enhanced security.

\*Account Number or User ID:

\*Password:

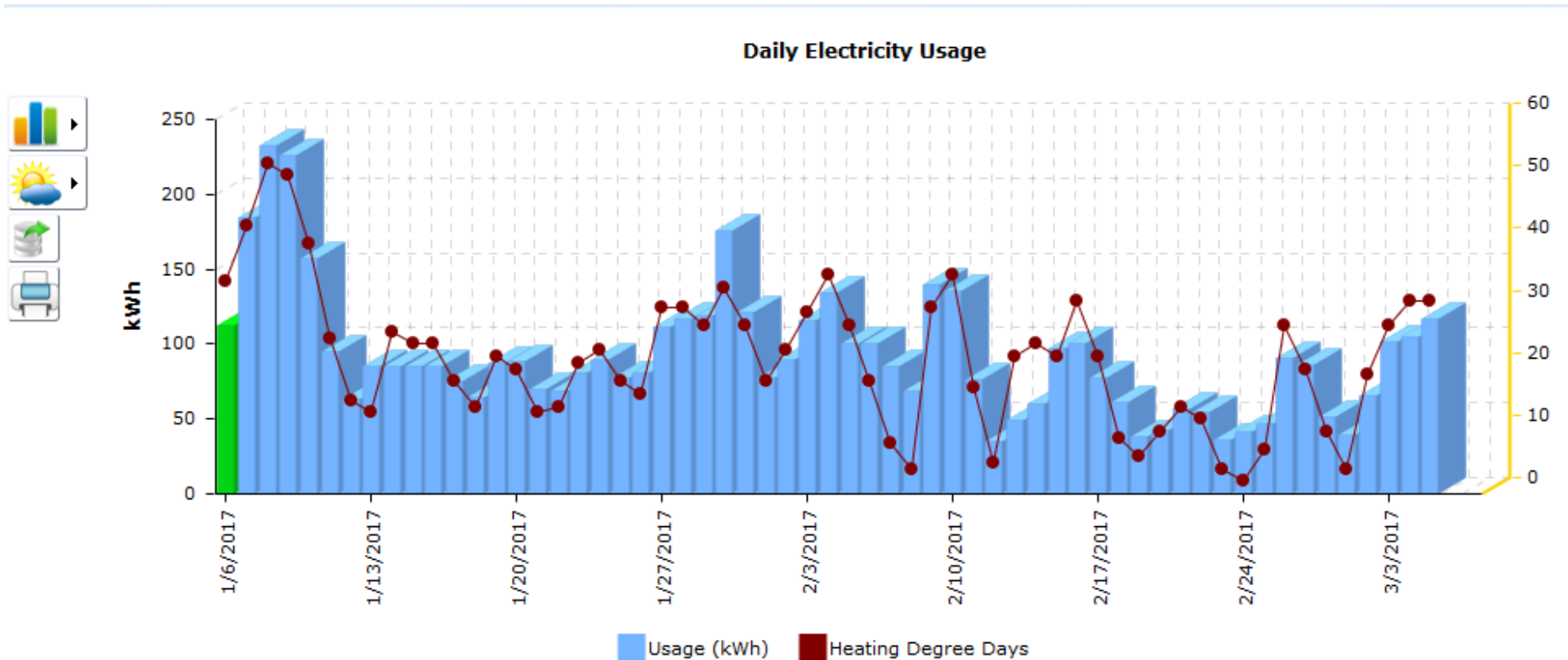
[New User](#) | [Forgot Password?](#) | [Help](#) | [Back](#)

[My Alerts](#)

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# Now you're in your account files.

Click on **Usage History** in the top right tab and you will see the following graph.



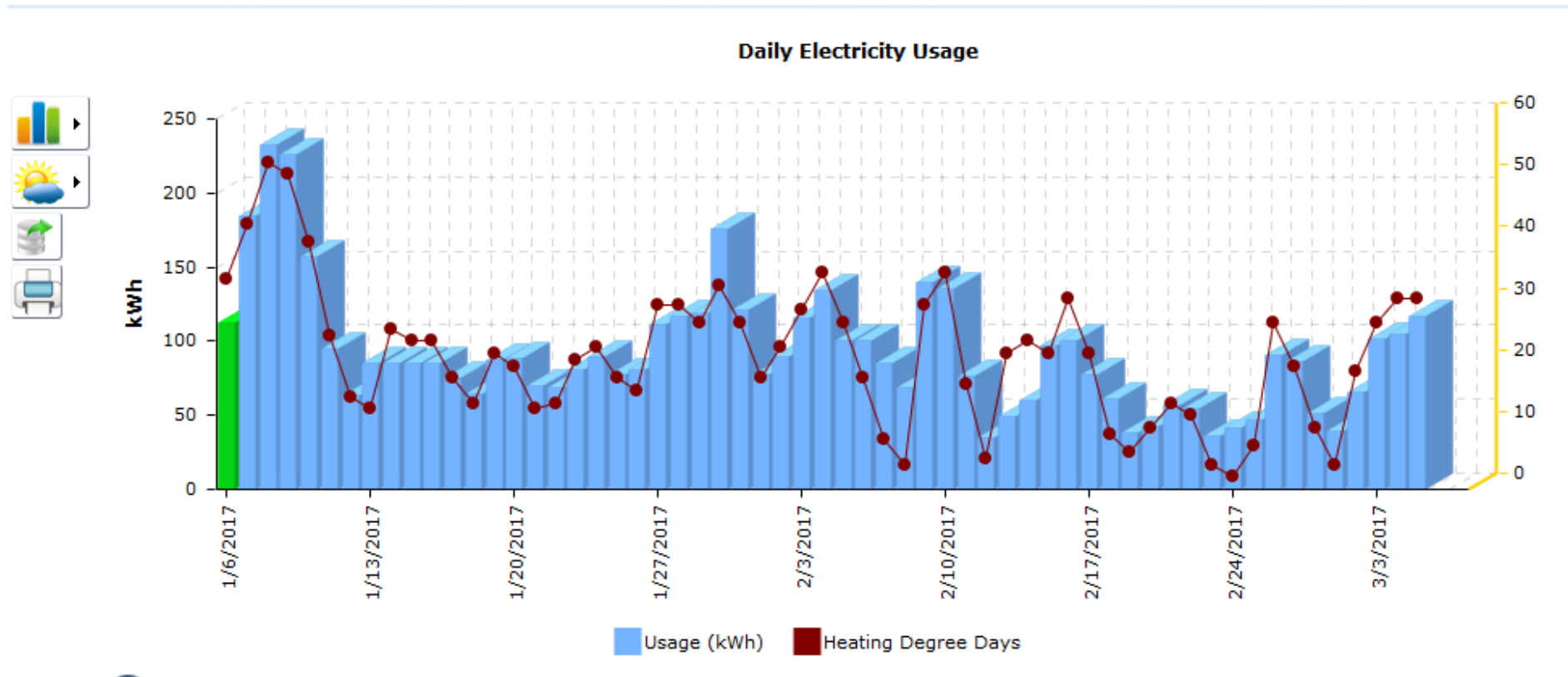
Kilowatt-hour Information from daily remote meter reads are converted to a bar graph.

The red line shows daily heating degree days (HDD's), the difference between the desired indoor temperature and the average outdoor temperature.

High, low, and average outdoor temperature info is also available.

# View your daily or monthly usage.

Set the date range for a period where the weather fluctuates.



- Note high usage when the average temperature drops and heating degree days rise and lower usage when the HDD's are minimal. Less work to keep the indoor temperature at the desired level.

# What IS a kilowatt hour, you ask?

It's the common billing unit for energy delivered to consumers by electric utilities.

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- The kilowatt-hour (*symbolized as kWh*) is a unit of energy equivalent to one kilowatt (*1 kW*) of power expended for one hour.
- 1 kilowatt = 1000 watts = ten 100 watt light bulbs
- Your price per kWh as a CVEC member is about 12¢.
- The average CVEC household uses 1500 kWh's a month.
- Therefore the average member bill is \$180.





# The only way to cut your power bill is to cut your energy usage!

Which means conservation and energy efficiency!

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- Your Co-op wants to help you manage your energy.
- Keep working through these slides for guidance and tips.



# Members can only save money by managing their energy usage ... ...we can help with conservation and efficiency

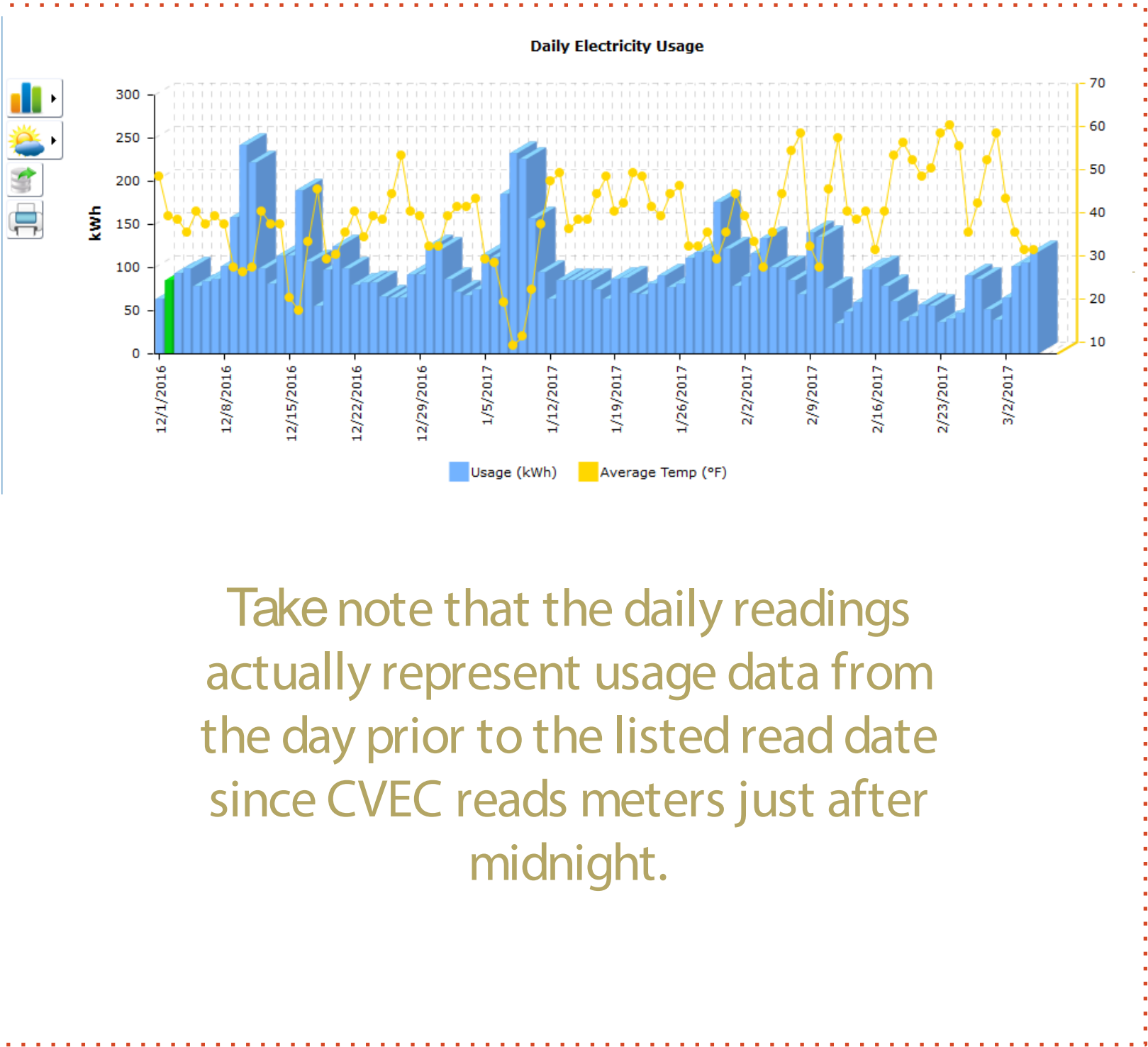
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First, evaluate the high and low daily reading in your usage chart. Think about what was happening in your home on those days:

- Holiday cooking with visitors?
- Heat on or off? Windows open?
- Laundry days with dryer use?







Take note that the daily readings actually represent usage data from the day prior to the listed read date since CVEC reads meters just after midnight.

Also evaluate your usage  
compared with high and low temps ...  
How many days had lows below 35° ?

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If you have a heat pump operating during times  
when temps are below 35°, it switches to



resistance heat or  
“auxillary heat”  
using about 3  
times the amount  
of energy  
compared to the  
normal heat  
exchange process

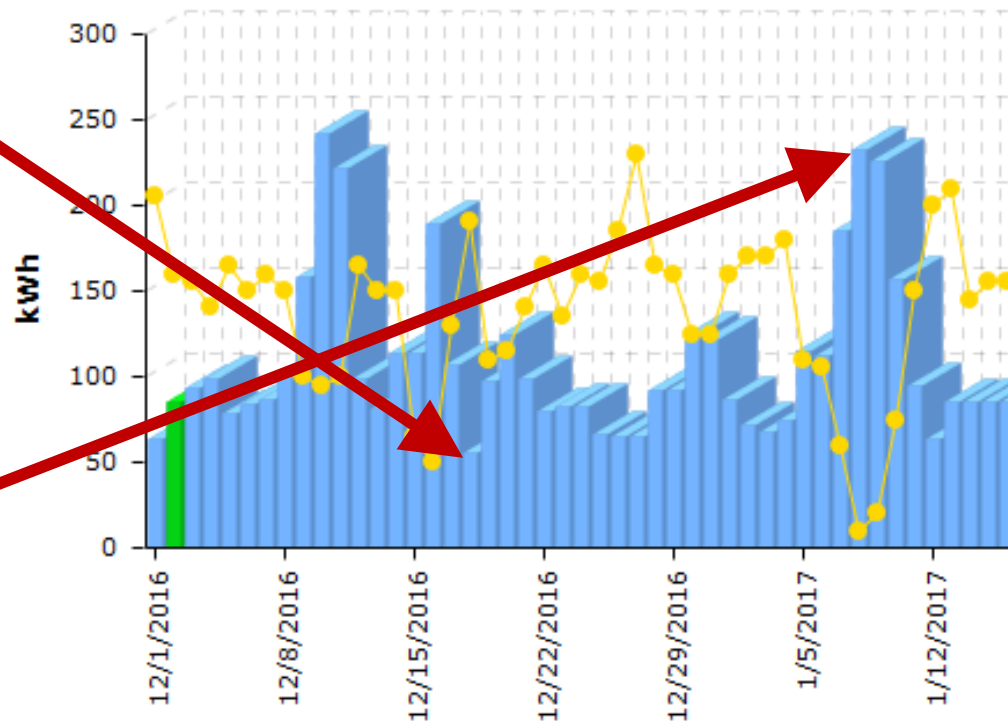
# Now Let's Consider your Comfort & Convenience: They're the two categories of your energy usage

## Convenience:

Found when your load doesn't include HVAC costs but provides all electric conveniences.

## Comfort:

The cost of your comfort is found by subtracting the lowest usage from the highest usage day. The difference will show the usage required for space conditioning.



$220 \text{ kWh} - 55 \text{ kWh} = 165 \text{ kWh}$   
for heating on a very cold day in January  
for a larger home with two heat pumps.

# How to save on your Comfort costs ... ...or how to affect your Space Conditioning

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**Heating and cooling accounts for up to 56% of your monthly energy costs!**

Seal leaks and add insulation to save energy with a small investment. 1/3 of your heat/AC is lost through floors, walls & ceilings. *(It's*

*been estimated that the average house has gaps equal to the area of a basketball!)*



Install a programmable thermostat to alter temperature when people are asleep or away. Changing thermostat 3° can save 10%.

# How to save on your Comfort costs ... ...or how to affect your Space Conditioning

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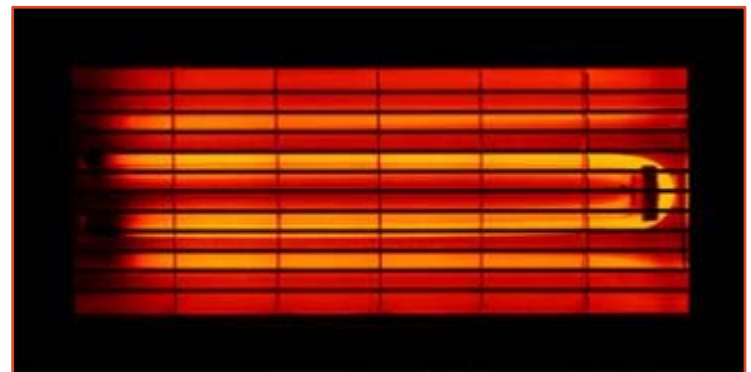


Use drapes and blinds against hot sun and cold air. 10% of heat is lost through windows.

Control space heaters. A 1500 watt heater costs 18¢ per hour. If operating 8 hours a day, that's an extra \$43 a month!



Tune up heat pumps. Clean and replace filters monthly, summer and winter.





# How to save on your Comfort costs ... ...or how to affect your Space Conditioning

- The best way to start saving is to do an Energy Audit to access your usage.
- There is a guide for an Energy Audit at [MyCVEC.com/energy-house.html](http://MyCVEC.com/energy-house.html).



The screenshot displays the website for Central Virginia Electric Cooperative. At the top, the logo features a lightning bolt inside a circle, with the text "Central Virginia Electric Cooperative" and the tagline "HONEST · FAIR · RESPONSIBLE". A search bar is located to the right of the logo. Below the logo is a navigation menu with the following items: HOME, MY ACCOUNT, MY SERVICE, BE SAFE, MY ENERGY, LIGHTS ON!, ABOUT CVEC, THE NEWS, and CO-OP CONTACT.

The main content area is divided into two columns. The left column is titled "My Energy Home" and includes links for Power Supply, Solar & Wind Power, CVEC Solar Project, Green Energy, Save Energy Tips, Wise Energy House, Energy Chart, and Energy Saving Links. The right column is titled "Wise Energy House" and contains the following text:

Making your house "energy wise" is a smart way to save on your power bill. We offer below some informative sites and an illustration to assist you in that effort.

Energy Star offers many tips for doing a Home Energy Audit, as well as offering a locator service for a professional Home Energy Auditor.

Touchstone Energy offers a Home Efficiency Analysis Tool. You can sign in as a guest or with your Co-op Connections account (If you don't already have an online account attached to your Co-op Connections Card, you can sign up here).

And a fun illustration for families ... this cut-away of a house has tips about where to save energy, room-by-room. Click on it for a larger PDF version (will open on a new page).

Below the text is a colorful cutaway illustration of a house titled "Where Can You Save Energy?". The illustration shows various rooms and systems with callouts indicating energy-saving opportunities, such as "Check for air leaks around windows and doors", "Use energy-efficient light bulbs", and "Seal gaps around pipes and ducts".

To the right of the illustration is a small thumbnail image of the Home Efficiency Analysis Tool interface, with a call to action: "Click here to let Touchstone Energy help you make your home smarter!".

At the bottom of the page, there is a footer with contact information: "HOME | REPORT AN OUTAGE | PAY MY BILL | CONTACT CVEC", "Phone: 434.263.8336 | Toll free: 800.367.2832 | Fax: 434.263.8339", and "Corporate Headquarters: 800 Cooperative Way, Arrington, VA 22922" and "Mailing Address: P.O. Box 247, Lovingston, VA 22949".

# How to save on your Convenience costs ...

...or how to reduce your energy base load.

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**Appliances and lighting account for about 44% of our energy consumption.**

- You'll also find several other helpful tips and publications that can be read or downloaded.  
Start at [MyCVEC.com/my-energy.html](http://MyCVEC.com/my-energy.html).

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Start at [MyCVEC.com/my-energy.html](http://MyCVEC.com/my-energy.html).
- The appliance energy worksheet is very helpful to calculate your total usage. It helps you can see what is drawing the most power in your home.  
It's here: [MyCVEC.com/appliance-energy-usage.html](http://MyCVEC.com/appliance-energy-usage.html).

# How to save on your Convenience costs ... ...or how to reduce your energy base load.

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Target high usage appliances and limit their use:  
space heaters, coffee maker, hair drier, oven, water heaters. These  
cost 12¢ / hour for every 1000 watts used



18¢ /  
hour



42¢ /  
hour



18¢ /  
hour



Consider replacing appliances  
with Energy Star rated ones.

# How to save on your Convenience costs ... ...or how to reduce your energy base load.

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Air dry your clothes!



Consider CFL & LED lighting options.

Identify “vampire” loads and put electronics on surge strips, to turn ALL off when not in use.





## So where to start?

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1. Do the online energy audit.
2. Complete the appliance chart.
3. All links at [My Energy](#)

TAKE SOME OR ALL OF  
THESE STEPS ...

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...you'll  
thank  
yourself!

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# Questions?

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[ms@mycvec.com](mailto:ms@mycvec.com)

800-367-2832, Option 0