



## Energy Conservation



**Senior Energy Ambassador**

# Energy Efficiency & Conservation

- ❖ Provides our customers with tools to lower their bills while improving the environment
- ❖ Top 5 Energy Users in Home
  - Air Conditioner/Electric Heat
  - Pool Pump
  - Water Heater
  - Large Appliances
  - Small Appliances & Lights



# No Cost Tips



- ❖ Turn off lights and appliances when not in use
- ❖ In the winter, set thermostat to 68-70 when you're home; 63 or lower when away or sleeping
- ❖ In the summer, set thermostat to 78-80 when you're home; 85 or higher when away or sleeping
- ❖ Set your water heater thermostat to 120 degrees
- ❖ Vacuum the coils underneath and on back of your refrigerator

# Low Cost Tips



- ❖ Use compact fluorescent bulbs (looks funny, saves money)
- ❖ Use ceiling or room fans to keep the air moving
- ❖ Caulk windows and weather-strip doors
- ❖ Install water heater blanket and water pipe insulation
- ❖ Plant trees and shrubs on south and west sides of residence
- ❖ Fix leaky faucets & install low-flow showerheads
- ❖ Replace furnace and air conditioner filters monthly

# Added Cost Tips



- ❖ Fully insulate your attic, walls, pipes and air ducts
- ❖ Replace your old appliances with new energy efficient models
  - Look for the ENERGY STAR label
- ❖ Upgrade your windows to vinyl frame, double-pane units
- ❖ Federal Tax Credit
- ❖ Use window film on south and west of house



# Residential Programs

## ENERGY STAR Lighting

- ❖ Program is being updated and is temporary suspended for the year



## Refrigerator Recycling

- ❖ Provides customer \$50 (Jul & Aug) \$30 other months to recycle their refrigerator
  - Must be in working condition
- ❖ Old ones can use up to four times as much energy as Energy Star models



**\$30 REBATE**  
on a working refrigerator

**SAVE UP TO \$140**  
on a new refrigerator

**See ya later refrigerator.**

YOUR OLD REFRIGERATOR USES UP TO FOUR TIMES THE ELECTRICITY OF A NEW ONE. So, why not recycle it? You could save up to \$140 a year on your utility bills. We'll even haul it away free of charge and give you a \$30 incentive. Plus, recycling that fridge will help reduce Nevada's carbon footprint which means a lot of leftover clean air for our future.

Call 1-877-289-8260 or visit [NVEnergy.com](http://NVEnergy.com) for a **FREE** pickup.

**NVEnergy**  
nveenergy.com

This program is funded by NV Energy and is available on after-school, non-peak basis and funding is expanded. Refrigerators and freezers must be in working condition and at least 13 cubic feet in size. Customers must provide the correct billing zip code and must provide residential address. A check for \$30 per unit will be mailed to the NV Energy customer within four weeks after the appliance collection. Some restrictions may apply.

# Residential Programs

## Pool Pumps

- ❖ Provides incentives to install energy efficient two-speed pumps
  - Saves up to 80% on energy costs

## Energy Consultation

- ❖ A utility energy consultant provides energy consultation via phone or on-site
- ❖ Energy Education



# Residential Programs

## High Efficiency Air Conditioner Rebates

- ❖ Rebates to homeowners, builders and HVAC contractors



## Energy Plus Homes

- ❖ Incentives for builders to build a home that exceeds standard building code for energy efficiency in Southern Nevada Homes are twice as efficient as Energy Star rated Homes





# Residential Programs

## NVEnergize

NVEnergize, our smart meter/smart grid program, will change the way you think about energy. Think about the new meter as the dashboard of your vehicle.

Instead of seeing your speed you will see your energy usage at any given time of the month on your PC.



# Other Programs

## Customer Payment Programs

- ❖ Shop and Pay
- ❖ Internet

## Time of Use

- ❖ Saving energy during “On Peak” periods = lower rates the rest of the year



# RenewableGenerations



- ❖ Incentive program from NV Energy
- ❖ Helps customers offset upfront installation costs of renewable energy systems such as solar, wind, and hydro



- ❖ Net Metering

## **Solar Thermal Water Heater**

- ❖ Rebates to homeowners to install solar water heaters



# Who do I contact if interested in becoming a Senior Energy Ambassador?

- ❖ **Tim Kiersz**
- ❖ **702-402-5399**
- ❖ **NV Energy.com**
- ❖ **702-402-1111**



**Conservation:**  
**The most environmentally friendly kWh**  
**is the one never used.**

