

# The EQ Challenge Board Game

Opportunities to save energy  
are all around your home.

How many can you spot?



## How to Play the EQ Challenge Board Game

1. Borrow a pair of dice from another board game.
2. Players throw the dice in turn.
3. Whatever number is thrown by a player corresponds to an area of the house and yard pictured above.
4. See how many ideas you can come up with for saving energy in that area (Some hints are listed on the other side of this brochure, but see if you can come up with more!)
5. Keep score. The player who comes up with the most energy-saving ideas wins the game.

**But really, everybody wins  
when you save energy.**

It saves money, and it helps  
reduce greenhouse gases that  
cause global warming.

So saving energy  
is good for the whole planet!

## Money-Saving Resources for Your Energy Efficient Home

1. New Jersey Home Performance with ENERGY STAR – Contractors certified by the Building Performance Institute will come to your home and identify sources of wasted energy. You will receive a detailed plan with recommended measures, costs and payback analysis. Low-interest financing and incentives are available.
2. Energy Efficient Products – This program offers rebates on ENERGY STAR clothes washers and dehumidifiers and promotes the sale of ENERGY STAR qualified lighting products through major retailers in New Jersey.
3. COOLAdvantage and WARMAdvantage Programs – Cash rebates are available for energy efficient heating and cooling equipment such as central air conditioners, heat pumps, furnaces, boilers or water heaters.
4. New Jersey Comfort Partners – This is a free energy saving and energy education program for qualified low-income customers. Certified Building Performance Institute contractors install energy saving measures in your home to help lower your energy bills.
5. Home Energy Analysis – An online tool to help residential customers understand their home energy use and take steps to save energy and save money. The analysis is linked to incentives and ENERGY STAR® rebates.

For more information visit the  
**NJ Office of Clean Energy** web site at  
[www.njcleanenergy.com/residential/programs/programs](http://www.njcleanenergy.com/residential/programs/programs).



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# Take the EQ Challenge

Show Your Energy Intelligence!



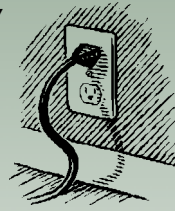
**When you improve your  
Energy Quotient (EQ)  
you save money  
and help the planet!**

# Opportunities to save energy are all around your home.



## 2. Living Areas

- Switch to compact fluorescent light (CFL) bulbs.
- Turn off the lights when leaving the room.
- Turn off TVs, stereo, DVD player and other appliances when not in use.
- Replace your DVD player with an ENERGY Star® model and use 30% less energy.
- A programmable thermostat saves about \$100/year in cooling and heating costs.
- Close the chimney flue damper when not using the fireplace.
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## 3. Bedrooms

- Switch to compact fluorescent light (CFL) bulbs.
- Turn off the lights when leaving the room.
- Turn off TV, stereo, DVD player and other appliances when not in use.
- Circulate cool air with a ceiling fan in summer.
- Add blankets instead of adjusting the thermostat when it's cold.
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## 4. Kitchen/Dining Room

- Switch to compact fluorescent light (CFL) bulbs.
- Replacing your refrigerator with an ENERGY STAR® model can save \$80-\$130 a year in energy costs.
- Upgrade your dishwasher with a more energy-efficient model.
- Choose locally grown food to reduce the miles your food has to travel.
- Compost food waste to make eco-friendly fertilizer.\*
- Use water-saving sink fixtures.\*\*
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## 5. Bathrooms

- Switch to compact fluorescent light (CFL) bulbs.
- Turn off lights when leaving the room.
- Use water-saving fixtures and shower head.
- Repair faucet leaks.
- Lower water heater temperature to 120 degrees.
- A 10-minute shower uses less water than a full bath.
- Cover and seal holes around bathroom plumbing, ductwork or electrical runs.
- Switch to a low-flow toilet.
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## 6. Home Office

- Switch to compact fluorescent light (CFL) bulbs.
- Turn off the lights when leaving the room.
- Turn off your computer and other equipment when not in use.
- Choose paper with recycled content.\*
- Recycle waste paper.\*
- Keep printing to a minimum.\*
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\* When you reduce, reuse and recycle, less energy is used for transportation, processing and manufacturing.

\*\* When you conserve water it avoids some of the energy needed for pumping and treating water.

## 7. Basement

- Have your furnace, water heater and dryer professionally checked and serviced regularly.
- Seal leaking ductwork to improve heating and cooling efficiency by up to 20%.
- Insulate the hot water heater to avoid up to 1,000 pounds of carbon emissions per year.
- Install a new, energy-efficient furnace and receive a rebate up to \$400 from New Jersey's Clean Energy Program.
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## 8. Laundry Area

- Switch to an ENERGY STAR® washer to save 50% on energy use and up to 6,100 gallons of water per year.
- Wash with cold water.
- Line-dry your laundry instead of using the dryer.
- Use biodegradable laundry products and recycle the containers.\*
- Choose concentrated laundry products to minimize packaging.\*
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## 9. Attic

- Add insulation to keep warm air inside during winter and outside in the summer.
- Be sure attic vents are not blocked so air flows freely through them.
- Weather strip and insulate your home's attic hatch or door.
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Did you think of other energy ideas?

## 10. Building envelope

- Caulk and weatherstrip around windows and door frames that leak air to save up to 25% on energy.
- Clean the filter in your air conditioner monthly.
- Choose a qualifying central air conditioner to receive a rebate up to \$400 from New Jersey's Clean Energy Program.
- Replace screens with storm windows during winter months.
- Choose light-colored materials when replacing your roof to deflect heat.
- Consider installing solar panels on your roof.
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## 11. Garage

- Replace standard light bulbs with compact fluorescent lights (CFL).
- Choose a fuel-efficient car.
- Keep your car well maintained.
- Take your bike instead of the car to get around.
- Think before you toss, and recycle everything you can.\*
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## 12. Outdoors

- Plant trees or shrubs to shade air conditioning units without blocking their air flow.
- Use compact fluorescent light (CFL) bulbs or solar-powered fixtures for outdoor lighting.
- Plant shade trees on south and west sides of the house to provide cooling shade in summer.
- Landscape with indigenous plants that require less use of fertilizer, pesticides and water.\*\*
- Plant a rain garden to capture stormwater runoff.\*\*
- Use a rain barrel to catch roof runoff and use it for outdoor watering and car washing.\*\*
- Leave grass clippings on the lawn to provide natural fertilizer.\*
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