

# GLOBAL WARMING



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## *A Dirty Problem with Clean Solutions*

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Clean Water Action



# **The Science is CLEAR**

- We must reduce the pollution that leads to global warming in order to avoid the most severe impacts of climate change

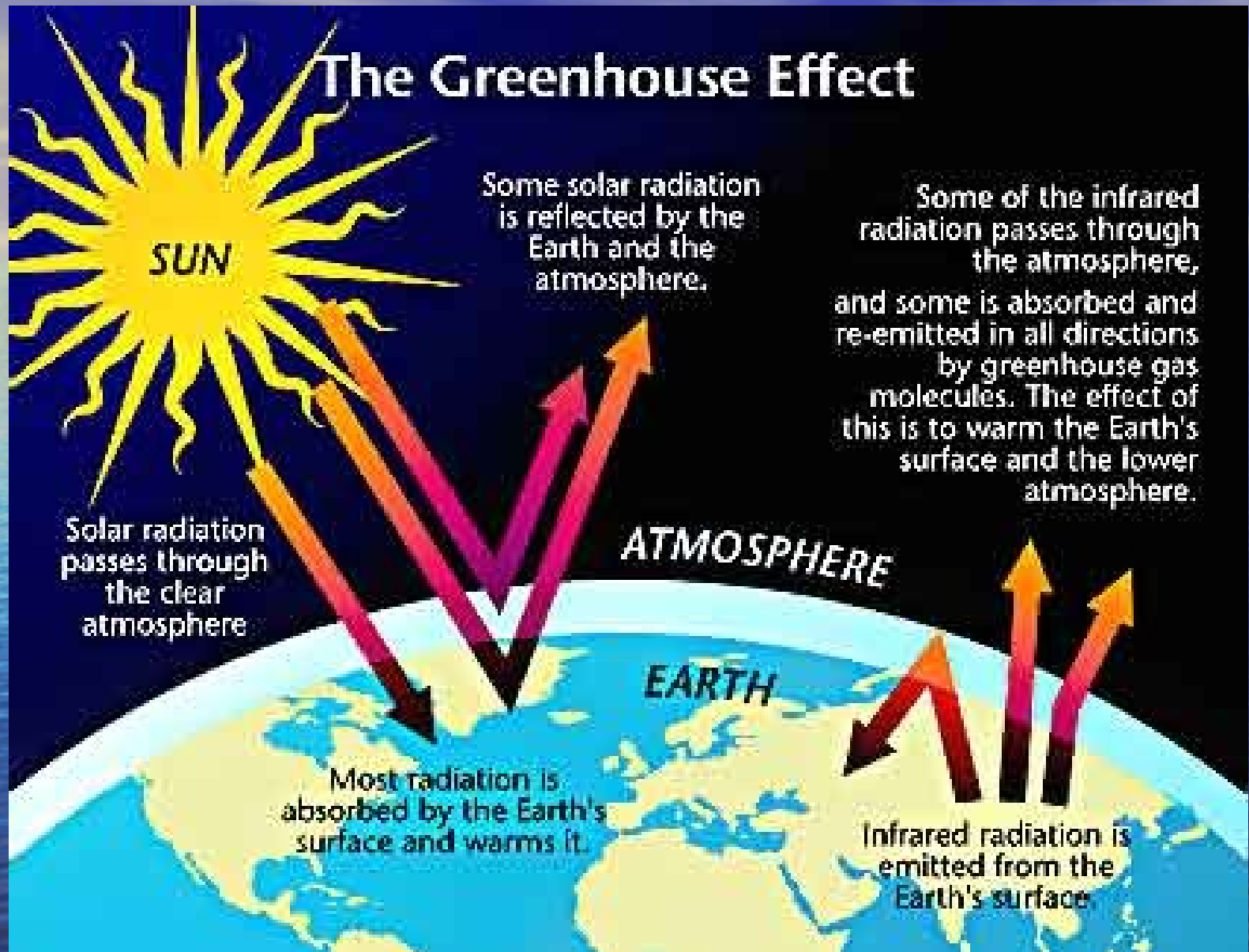
# **The Future is also CLEAR**

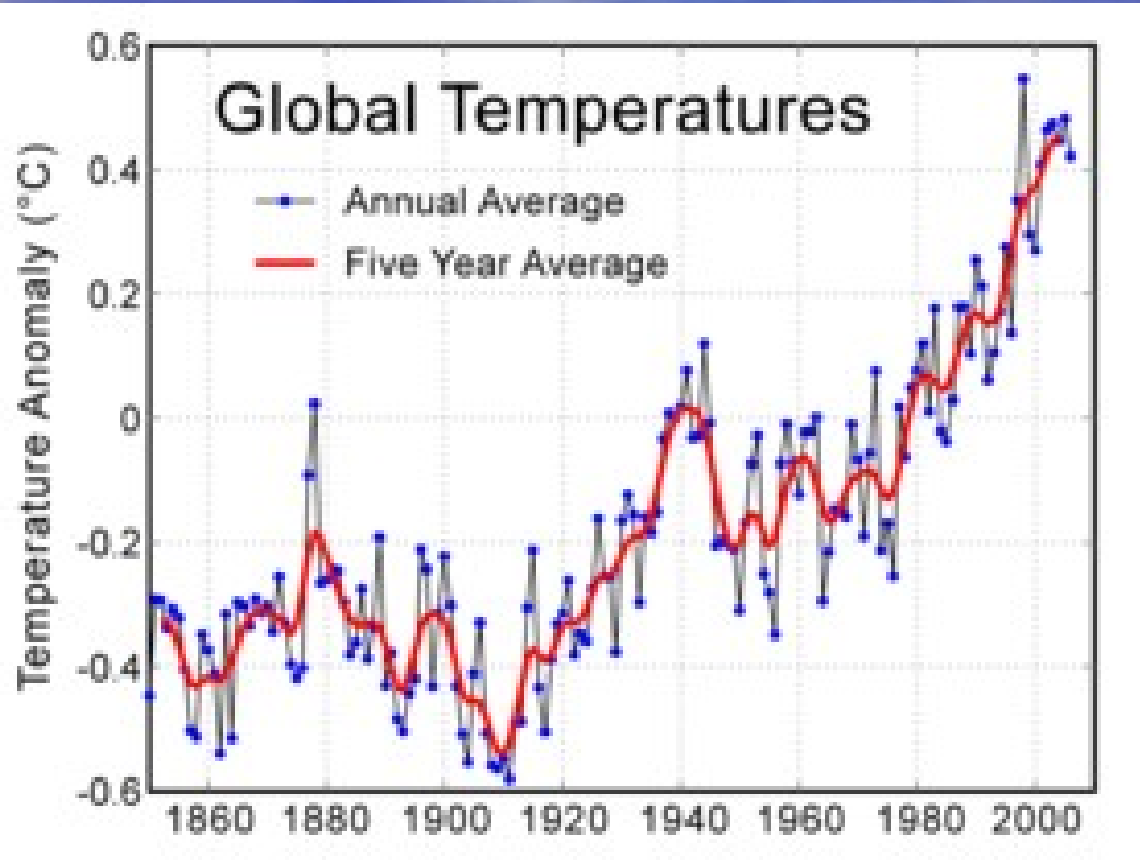
- It's a future with CLEAN ENERGY & EFFICIENCY, and we can get there

# What is the Problem?

- Global Warming Pollution
  - An increased amount of CO<sub>2</sub>, carbon dioxide, in the atmosphere is warming the Earth's average temperature.
  - The excess CO<sub>2</sub> is put into the atmosphere by human means-the burning of fossil fuels like coal and oil.

# The Greenhouse Effect



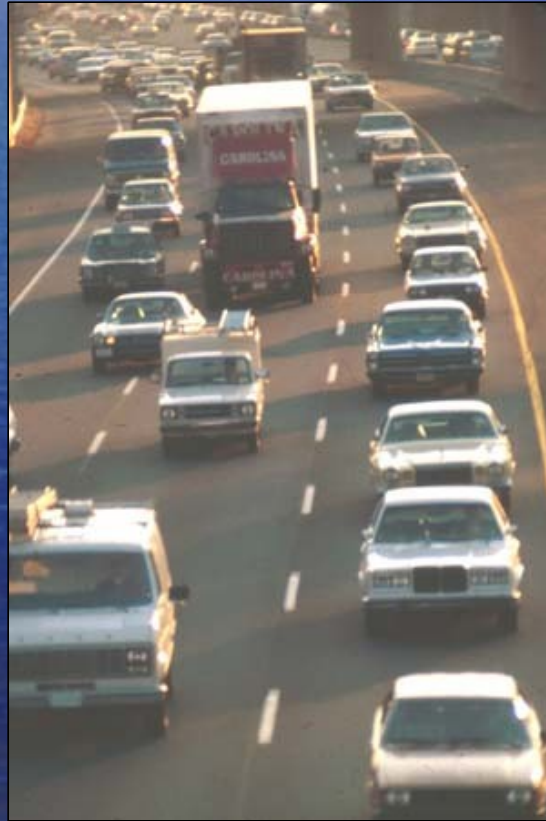


# What are the causes?

Electricity



Transportation



Buildings



# IMPACTS



# What is the Solution?

- Energy and Climate Legislation that reduces global warming pollution and supports:
  - Economy-wide carbon caps
  - Energy Efficiency, CAFÉ standards
  - Renewable Energy, RES (Renewable Energy Standard)
- Personal Investment in Clean Energy

# Clean Energy

- Wind turbines
- Solar photovoltaic panels
- Geo-thermal (heat from the ground)
- Biomass (wood & other plant matter)
- Capture/burn methane gas from landfills
- Low-impact hydro power



# Clean Energy - Let's Make More!

- Enroll in the Green Up Program
- Offset the use of fossil fuels to produce electricity
- Creates more demand for clean power, sending a strong message to investors in the energy industry
- Vote for the environment when you pay your bills, why wait until November?



# What's In It For You? Healthy Environment, Healthy People

- Low or no air pollution from clean power
- No environmental destruction
- Helps halt global warming
- Cuts reliance on foreign oil
- Creates new jobs in Massachusetts
- All these benefits for the small cost to you of about \$6 to \$14 per month



# Enrollment is Easy!

## Getting Started With GreenUp

To sign up for your GreenUp renewable energy option, complete and mail the attached postage-paid enrollment card, indicating your choice of the GreenUp providers and options listed.

To stop participating, simply notify your GreenUp renewable energy company directly. You will not be charged a termination fee, and you will remain a National Grid customer.

If you have previously enrolled, no action is required.

It's as easy as 1-2-3:

- 1** Review the GreenUp companies and their options below.
- 2** Choose one option from one GreenUp company. For more information, call, e-mail or visit their website.
- 3** Fill out the enclosed postcard. Check off the GreenUp option that you have chosen. Select only one box. Mail the postage-paid card.



# Choose Your Provider

**GreenUpOptions**



## COMPANY & CONTACT

## OPTIONS

## RESOURCE MIX

## ADDITIONAL COST PER KWH

### Mass Energy Consumers Alliance

1-800-287-3950 ■ [www.MassEnergy.com](http://www.MassEnergy.com)

*Massachusetts' non-profit supplier, working with the Center for Ecological Technology and Mass Audubon, helping build local wind and solar sources. The only tax-deductible CLEAN ENERGY CHOICE<sup>SM</sup> option.*

New England  
GreenStart<sup>SM</sup>

75% Small Hydro  
19% Biomass **New**  
5% Wind **New**  
1% Solar **New**

2.4¢ per kWh added  
to all usage

### Community Energy

1-866-WIND-123 ■ [www.NewWindEnergy.com](http://www.NewWindEnergy.com)

*Sign up today for CEI's low-impact, pollution-free new wind and small hydro option and help us build new wind farms in New England.*

NewWind Energy<sup>®</sup>  
and Water

70% Small Hydro  
30% Wind **New**

2.0¢ per kWh  
added to all usage

**New** denotes new renewable energy sources activated on or after 1/1/98 and that meet the Massachusetts Renewable Portfolio Standard.

Resource mix and prices are as of August 15, 2005. Please contact GreenUp suppliers directly for their most updated products and pricing.

## Support Renewable Energy and Earn Money For Your Community

When you participate in **GreenUp**, the CLEAN ENERGY CHOICE<sup>SM</sup> program matches the portion of your payments for **New** renewables with community clean energy grants. Each dollar of your support earns:

- up to one dollar for your city or town and
- up to one dollar for low-income residents throughout Massachusetts.

CLEAN ENERGY CHOICE<sup>SM</sup> ([www.CleanEnergyChoice.org](http://www.CleanEnergyChoice.org)) is a program of the Massachusetts Technology Collaborative.

CD#3642B (8/05)

**GreenUp Service charges are in addition to your normal monthly charges, including Basic Service charges.**



# Bonus Funds for Haverhill

- If 150 households in Haverhill sign up, MTC will provide a \$25,000 grant for a PV solar array
- If 3% of households in Haverhill sign up for clean energy, the community gets an additional bonus of \$50/ household



# First, Easiest Step: Sign Up Today

- Choose a provider
- Decide how you want to support clean energy
- With GreenUp, You are billed as part of your electric bill, with no fees, and can cancel at any time
- With New England Wind Fund, you may make a one-time donation or a monthly donation

# Help Spread the Word!

- Tell friends, family, local businesses, your church or synagogue
- Get at least one other person to sign up
- Help us arrange presentations to other groups you are a part of

**Questions?**

