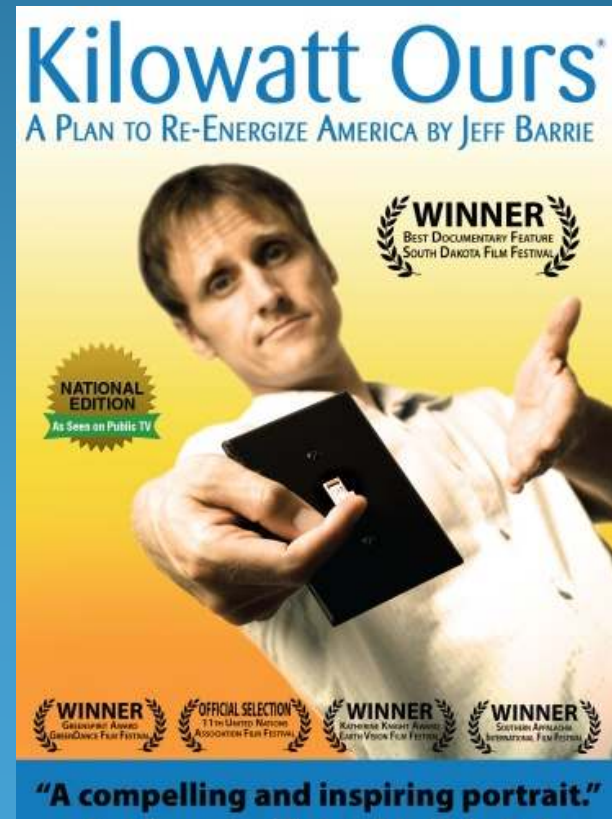


Our Climate, Our Faith, Our Future

April 27, 2010





Agenda

- Continuation of faith discussion – Migliore
- *Kilowatt Ours* – part 1 summary
- *Kilowatt Ours* – part 2
- Bringing *Kilowatt Ours* closer to home
- Discussion



Kilowatt Ours – Part 1

- Focus on compromises of Coal, Nuclear power
 - Environmental degradation
 - Pervasive waste challenges
 - Poisoning the environment
 - Global warming effects

Think about impact of our choices

Kilowatt Ours[®]

A PLAN TO RE-ENERGIZE AMERICA BY JEFF BARRIE



WINNER
BEST DOCUMENTARY FEATURE
SOUTH DAKOTA FILM FESTIVAL

NATIONAL EDITION
As Seen on Public TV

WINNER
Grand Jury Award
Greenwich Film Festival

OFFICIAL SELECTION
11th United Nations
Association Film Festival

WINNER
Katherine Knight Award
Earth Vision Film Festival

WINNER
Southern Appalachian
International Film Festival

"A compelling and inspiring portrait."



“Message of Hope”

Two Part Strategy:

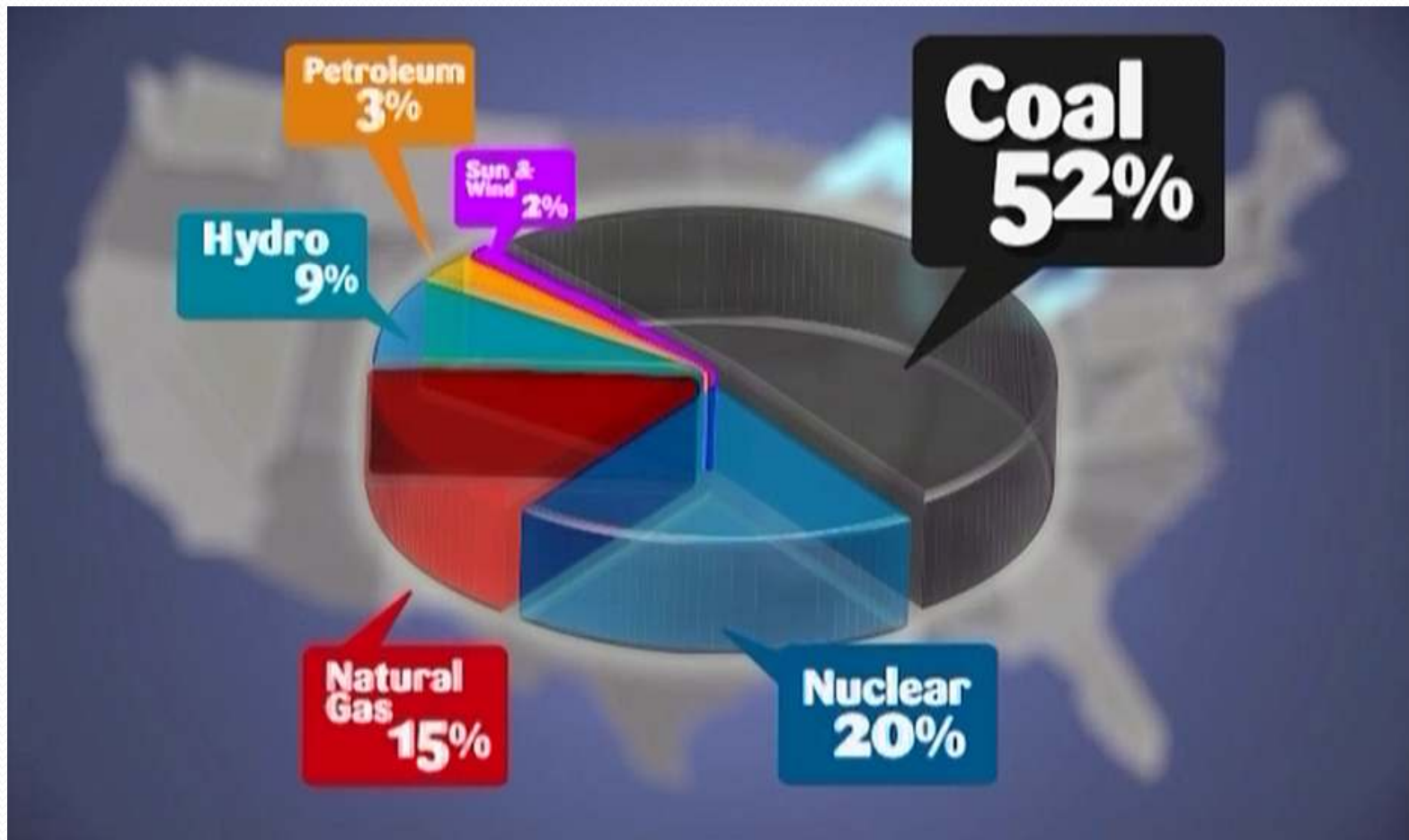
- Part 1: Energy efficiency
 - CFL's for incandescent
 - Energy Star appliances and programmable thermostats
 - Energy Star home rating (seal, insulate, replace)
 - Geothermal and “green” construction technologies
 - Infrastructure (e.g. LED traffic lights)
 - Recycling



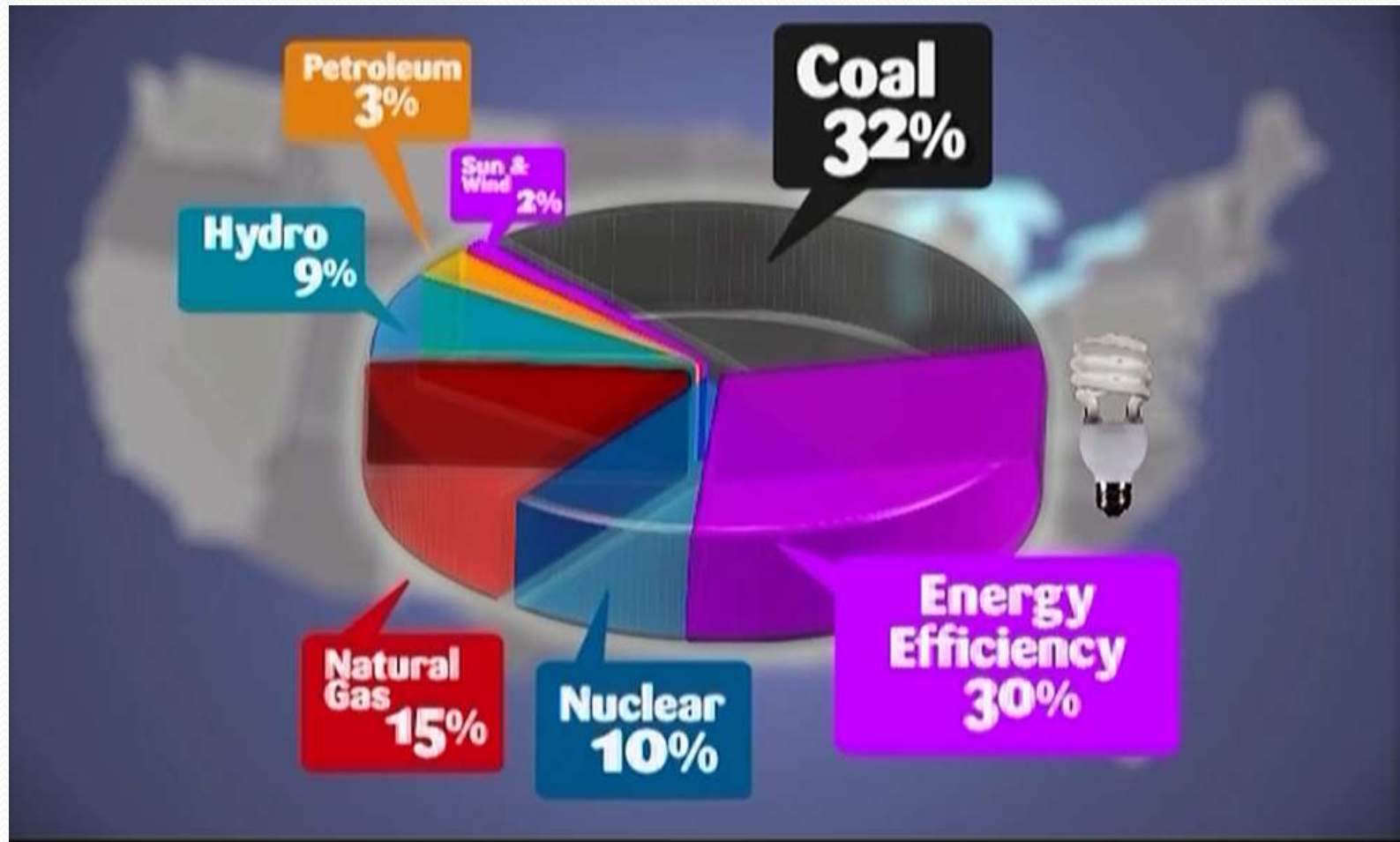
Two Part Strategy:

- Part 2: Clean power (alternatives, renewables)
 - Wind
 - Methane digester
 - Solar hot water
 - Roof top solar
 - Passive solar
 - Green power switch (purchasing REC's)

Current Usage

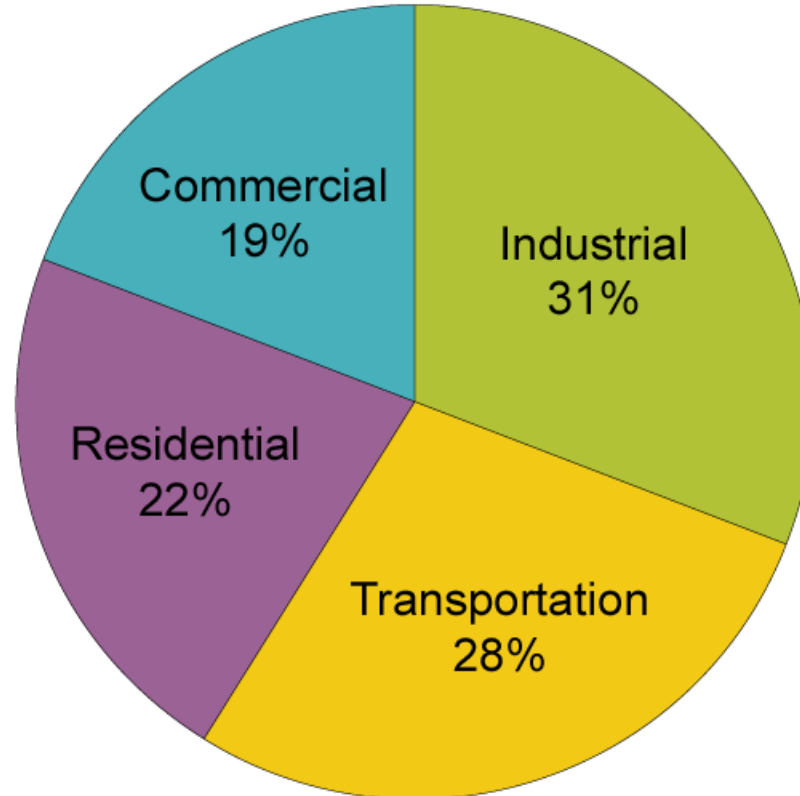


“Conservation Power Plant”



The Big Picture: U.S. Consumption (and sources of emissions)

**Share of Energy Consumed by Major
Sectors of the Economy, 2008**



Source: U.S. Energy Information Administration, *Annual Energy Review 2008*.

Local Options: Duke's GoGreen Power

The screenshot shows a web browser window displaying the Duke Energy GoGreen Power page for Ohio residential customers. The browser is AOL 9.5, and the page URL is https://www.duke-energy.com/ohio/products/gogreen.asp. The page features the Duke Energy logo, navigation tabs for RESIDENTIAL, BUSINESS, LARGE BUSINESS, and OUR COMPANY, and a search bar. The main content area is titled "Duke Energy's GoGreen Power" and includes a "Products & Services" sidebar. The main text describes the program's benefits and pricing, and lists related links such as "Frequently Asked Questions".

Duke Energy's GoGreen Power

How you can help.

As a Duke Energy's GoGreen Power participant, you can purchase a minimum of two (2) 100 kilowatt-hour (kwh) units of Duke Energy's GoGreen product for only \$2.00 a month, which is about 18 percent of an average residential customer's electricity usage. Beyond this minimum, you can purchase additional 100 kwh units for \$1.00 a month. All you have to do is decide how much you want to buy, and it will be added to your energy bill. It's that easy!

Under the program, Duke Energy will obtain energy from alternative energy sources located within our service area as they become available. We'll also purchase alternative energy from third parties in the form of renewable energy certificates.

Benefits of Duke Energy's GoGreen Power.

- Advances the development of alternative energy sources.
- Reduces carbon dioxide emissions in the atmosphere.
- Diversifies energy supply and lessens demand for fossil fuel generation.

The Promise of Business: Mainstream Push

The screenshot shows a web browser window displaying the Newsweek Green Rankings for 2009. The page features a search bar, a list of top 5 companies, and industry-specific rankings. The top 5 companies are:

- Hewlett-Packard**: "Strong programs to reduce GHG emissions. The first major IT company to report GHG emissions..."
- Dell**: "Ranks 4th among the top U.S. corporate users of renewable energy; headquarters uses 100% renewable..."
- Johnson & Johnson**: "Its commitment to climate change is rare for its peer group and has strong environmental..."
- Intel**: "Largest corporate purchaser of renewable energy in the U.S, equivalent to 46% of..."

Industry sectors and their top 3 companies:

- TOP 3 BANKS AND INSURANCE**: 1. Wells Fargo, 2. Citigroup, 3. Travelers
- TOP 3 FOOD AND BEVERAGE**: 1. Coca-Cola Enterprises, 2. Coca-Cola, 3. Brown-Forman
- TOP 3 HEALTH CARE**: 1. Baxter International, 2. Medtronic, 3. Becton Dickinson

Related articles include: "Why Newsweek Produced the Green Rankings", "Greenwashing Corporate Reputations", "Gordon Brown's Copenhagen Climate Plan", "Green Rankings: Methodology", "Green Rankings: The Advisory Panel", "Obama's Green Dream Team", "The World's Worst Man Made Disasters", "Solar Power's Amazing Rise", "The Most Fuel Efficient Cars", "The Century's Environmental Leaders", and "Click here to pre-order the full Newsweek Green Rankings Report 2009".

The Promise of Business

Example: Melink Corporation



LEED Facts	
Melink Headquarters Cincinnati, OH	
LEED for New Construction Certification awarded January 9, 2006	
Gold	39
Sustainable Sites	7/14
Water Efficiency	4/5
Energy & Atmosphere	11/17
Materials & Resources	4/13
Indoor Environmental Quality	8/15
Innovation & Design	5/5
<i>*Out of a possible 69 points</i>	





The Importance of Policy Makers

- Civic infrastructure decisions (traffic lights, power plants)
- CA: 7th largest global economy: Global Warming Solutions Act: 25% emissions reduction by 2020, 80% reduction by 2050
- Incentives decisions – fair playing field for renewables to drive tipping point
- Investment in SCIENCE and innovation
- Cap and Trade, “Carbon Tax”, etc. to stimulate investments in innovation

Federal Commitment and Desire to Lead



Key takeaway?

- Consumer behavior and demand
- + Business investment and leadership
- + Ongoing Scientific development
- + Policies to incent behavior
- + Exporting or importing innovation



Equals:

Stabilizing climate

Habitat and species protection

Natural resource protection

Health improvements

Ability to serve needs of developing world

Better choices in our allies

Political stability

Economic growth

Etc, etc, etc.



Discussion