

# **The State of Climate and Energy: The Good News and Bad News: *Winning the Battle –Losing the War?***

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Non-Governmental International  
Panel on Climate Change:  
**Nature, not Human Activity,  
Rules the Climate -- NIPCC**

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# **Non-Governmental International Panel on Climate Change -- NIPCC**

- An independent examination of published IPCC evidence by an international group of some 30 climate experts from 16 nations
- Organized in 2003 by Prof. S. Fred Singer as “Team B,” with workshop in Vienna, April 2007
- Summary for Policy Makers and Technical Summary published by Heartland Institute in March 2008

# **The only important Question:**

**Is Climate Change due to Nature or Man?**

**IPCC says: Human    NIPCC says: Nature**

**If natural, then all CO2 control is pointless –  
ineffective and very costly**

**How to decide?**

**First – The Good News:  
Nature, not human activity,  
rules the climate – NIPCC**

- IPCC has no evidence to support its claim of anthropogenic global warming (AGW)
- NIPCC has contrary evidence

# No Evidence for AGW

No scientific consensus: No “science is settled”

20<sup>th</sup> century not the warmest in 1000 years

Ice/glacier melting inconclusive

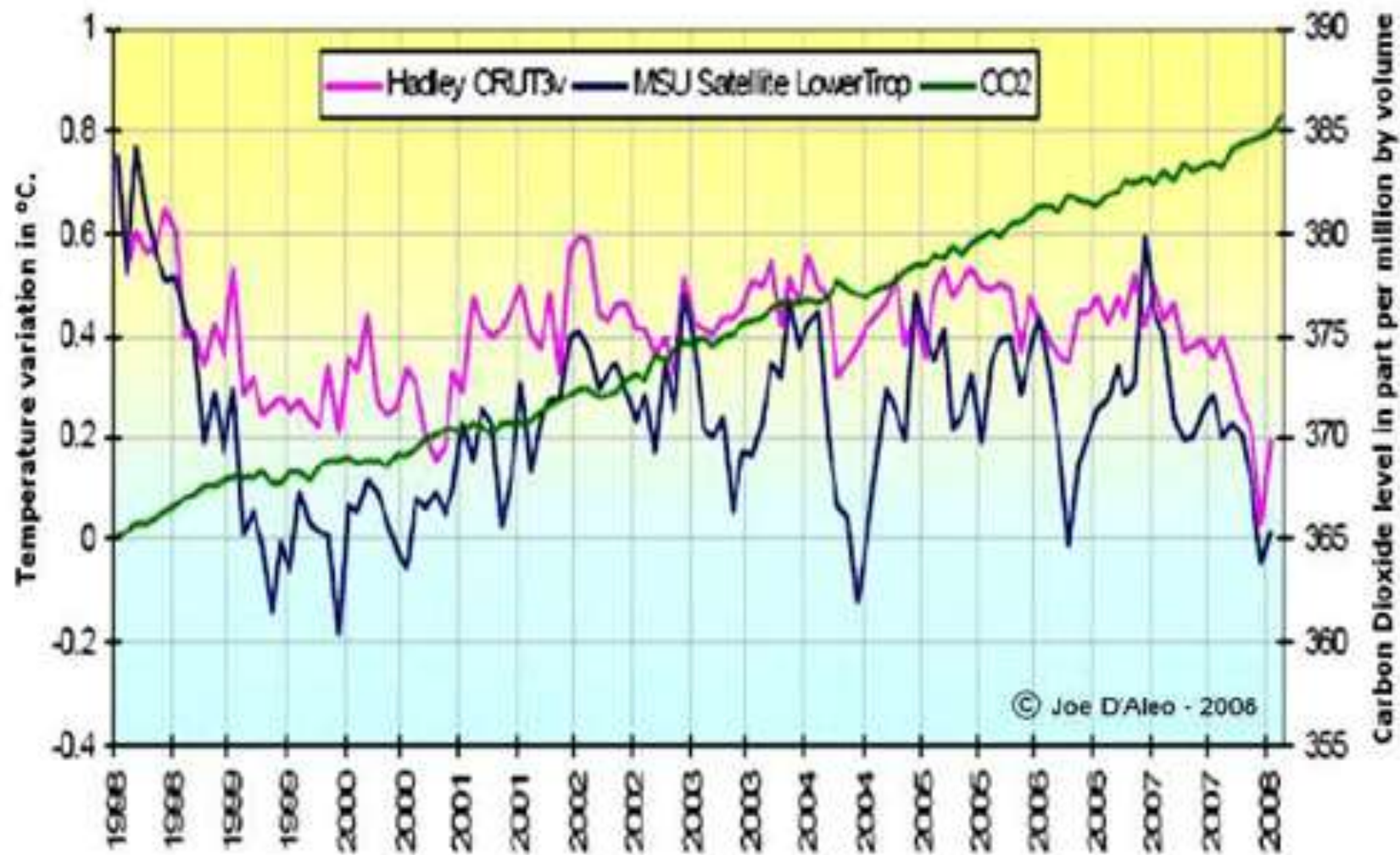
No unusual weather (hurricanes, droughts, floods)

No correlation of temperature and CO<sub>2</sub>

Sea level rise not unusual

Models cannot reproduce 20<sup>th</sup> century temperatures

## World Temperatures Falling Whilst CO<sub>2</sub> Keeps Rising



# NIPCC: Counter Evidence

- **Comparison of ‘Fingerprints’ of Models and Observations**

*(i. e., Temperature Trends vs Latitude and Altitude)*

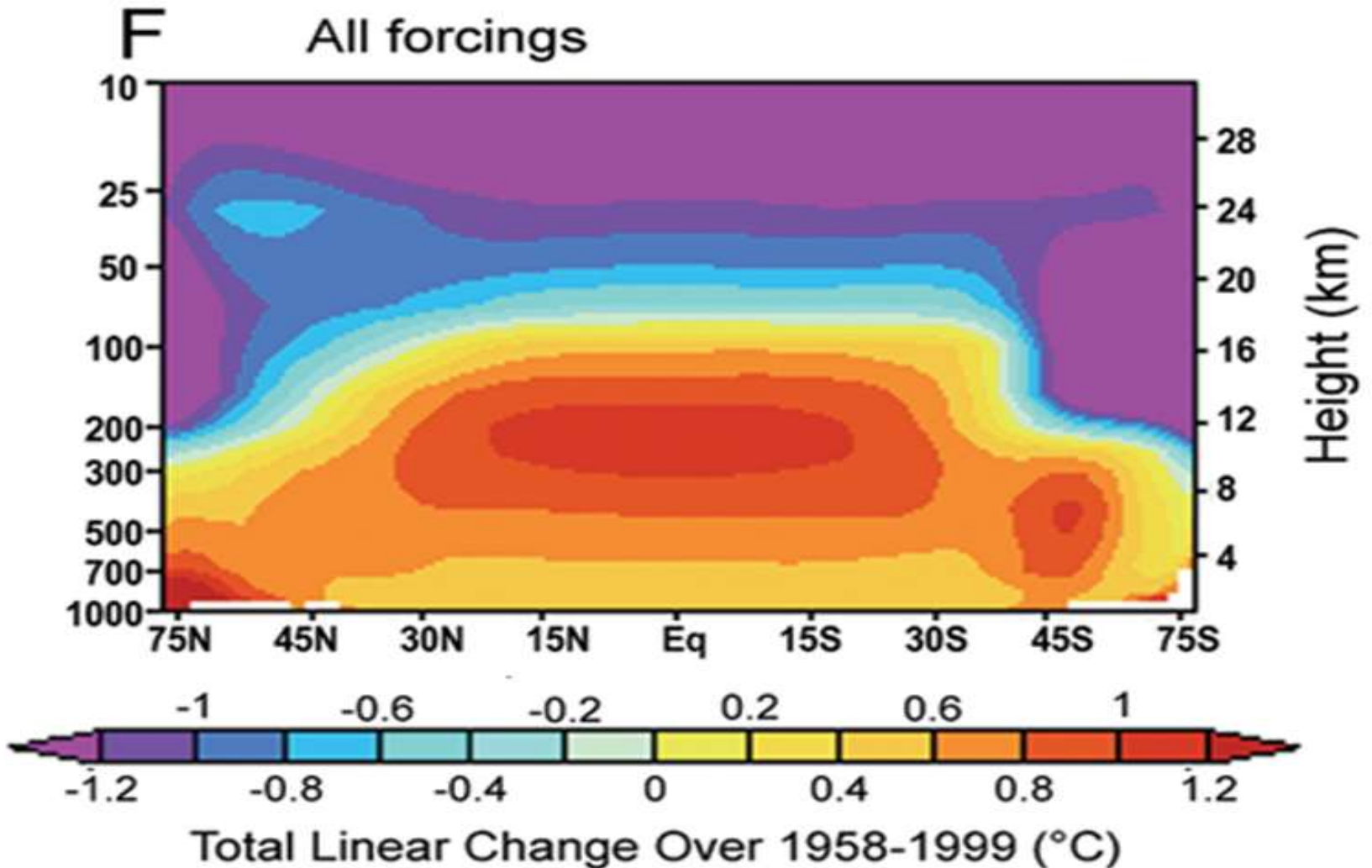
**CO2 is not a pollutant**



# **Fingerprint test is negative: Modeled and observed temperature patterns disagree**

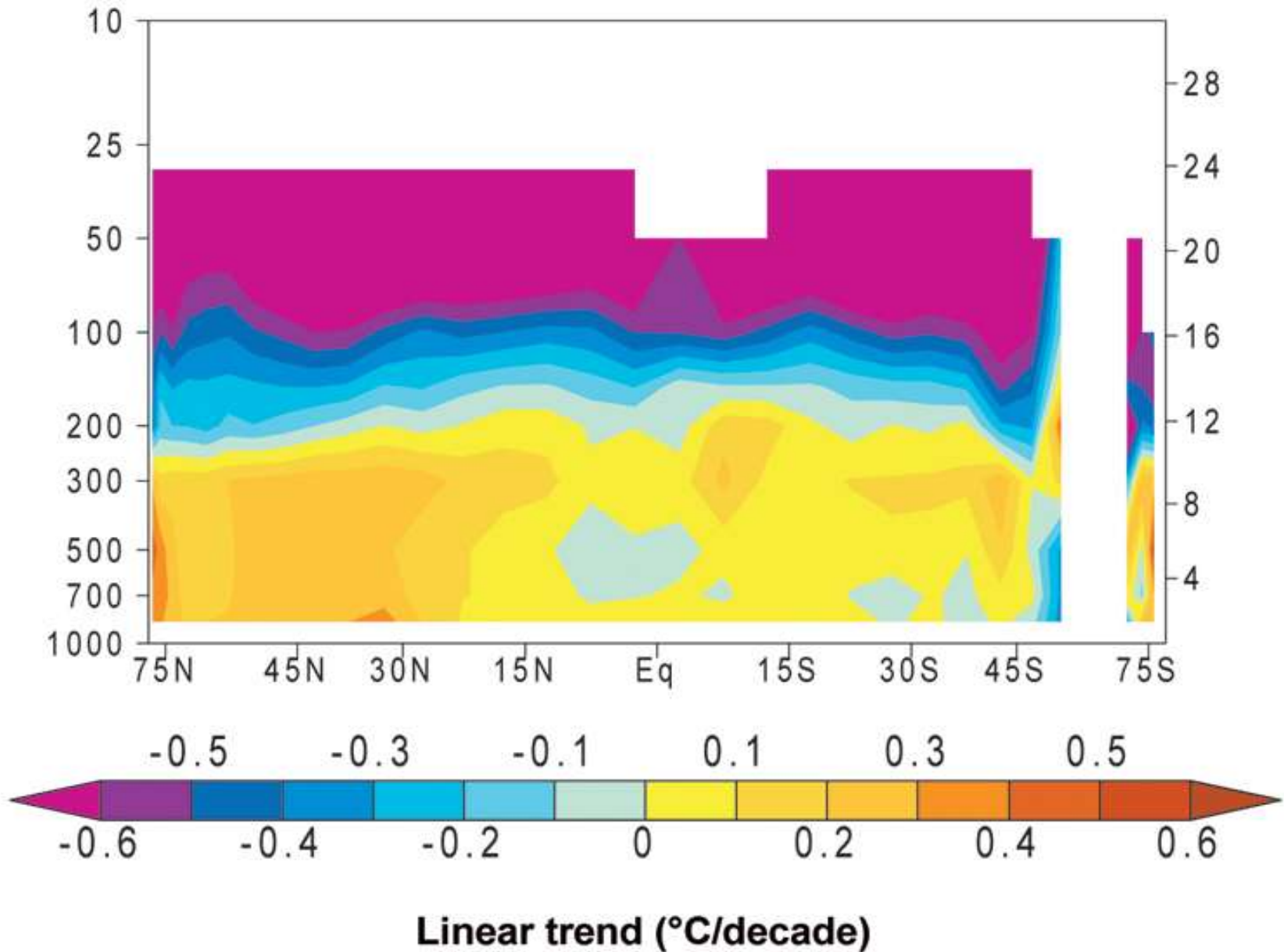
- IPCC and NIPCC agree that a comparison of modeled and observed temperature patterns can produce a unique identification of the influence of greenhouse gases (GHG), like CO<sub>2</sub>

# CCSP 1.1 – Chapter 1, Figure 1.3F PCM Simulations of Zonal-Mean Atmospheric Temperature Change



# CCSP 1.1 – Chapter 5, Figure 7E

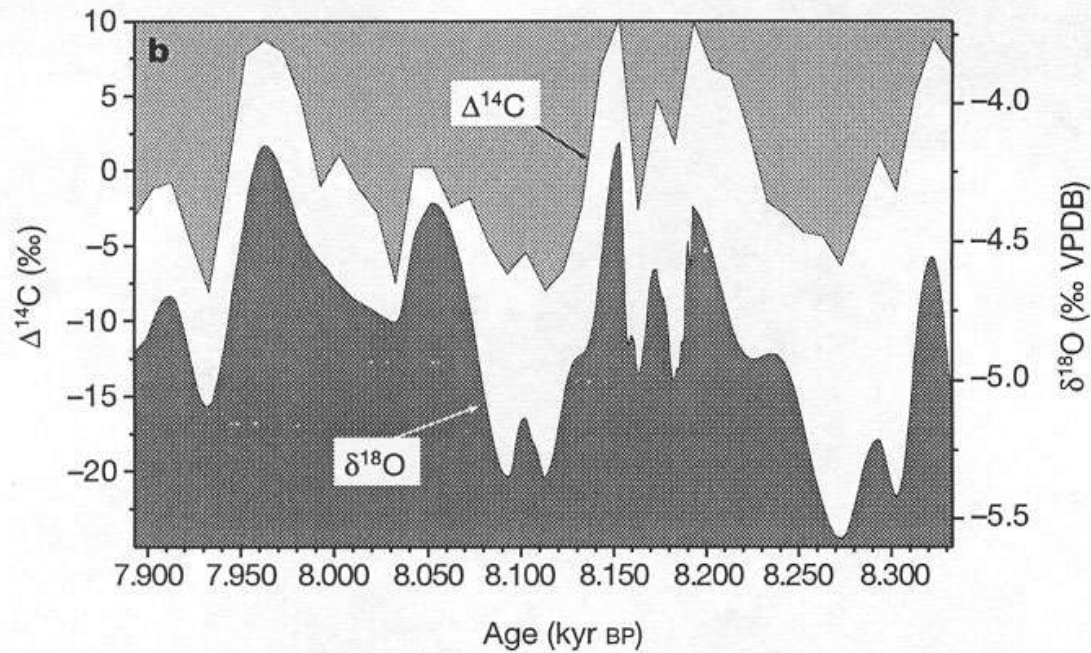
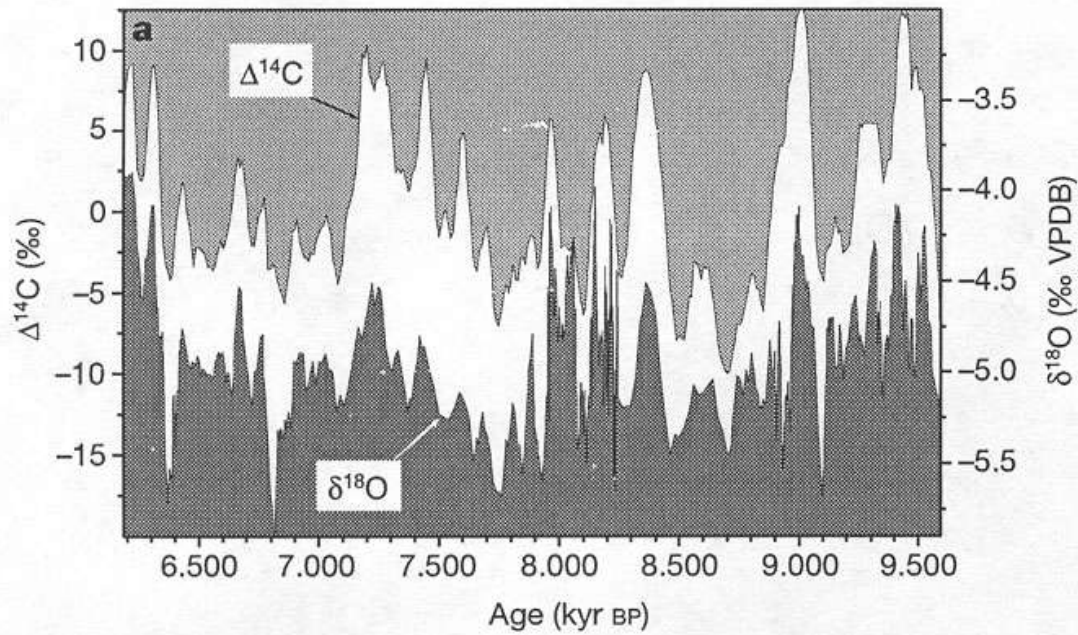
## **E** HadAT2 radiosonde data





# NIPCC Conclusions:

- No detectable human fingerprint
- Models overestimate the effect of GHG
- CO<sub>2</sub> is not a pollutant
- Sea level rise will continue at its normal rate of 18cm (7 inches) per century
- Natural climate change is mostly the result of variable solar activity



**[Neff et al 2001]**

# **...And now the bad news: Policymakers are not yet listening**

- Energy policy is distorted by bad science
- Since CO<sub>2</sub> is not a pollutant, mitigation is pointless, very expensive, counterproductive
- Cap & Trade policies amount to regressive energy taxes and rationing, imposed indirectly

# CO<sub>2</sub> mitigation is pointless, costly, and counterproductive

- Biofuels [ethanol from corn etc.]; Hydrogen
- “Renewable energy” [wind and solar]
- Uneconomic efficiency mandates [CAFE, etc]
- Carbon capture and sequestration [CCS]
- Cap & Trade schemes [with/without soft cap]



# **Global warming fears are distorting energy policy**

- Increasing energy costs and oil imports
- Decreasing living standards and national security
- Critique of NCEP Report (April 2007)
- Critique of US Climate and Energy Policy (CEQ April 2008)

# What can be done to save the economy?

- Energy should be low-cost and secure
- There's no problem about electricity production if we use coal and nuclear
- There's a wide choice of transportation fuels: gasoline, diesel, compressed natural gas, methanol, DME, Synfuel from coal, oil shale

# Coal for electricity generation

- Can be pollution-free ('clean')
- Relatively low cost
- Secure sources of supply

# Nuclear electricity generation

- Lower the costs of construction
- Variety of reactor designs – standardize:
- *PWR, CANDU, HTGR, Pebble Fuel, PIUS*
- Research needed for future extensions of fission fuels:
- *reprocessing, Breeders, Hybrids, Thorium*

# Natural Gas: not a boiler fuel

- More domestic production; pipelines
- 'Stranded' gas into DME/methanol
- DME/methanol for transportation
- Reduced need for LNG imports
- Research into clathrates

# Petroleum for transportation

- New discoveries and production: ANWR, offshore, etc
- Variable import fee; change leasing policies
- Unconventional oil: tar sands, oil shale, coal-to-liquid
- Refinery construction
- SPR management: BLASH (buy low and sell high)

# Transportation Technology and Policy

- Hybrid electric and plug-in cars
- *Improved batteries*
- Fleet vehicles to use DME/Methanol/CNG
- Policies for conservation and anti-congestion

# Climate Fears Drive Bad Policies

- Polar bears threatened?
  - EPA waiver for Calif vehicle emissions
  - Ninth Circuit Court rejects NHTSA decision
  - Kansas stops new (clean) coal plant
  - Georgia, Texas coal plants in doubt
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- Calif closes nuclear plant, sells 'green' electric power, wind power, PV roof tops -- but imports coal-fired electric power from Four Corners



# More Bad News

- Calif AB-32 to cut CO2 by 30% by 2020
- CARB (Mary Nichols) to issue regs: Command-control; Fees (tax); or Cap&Trade –all costly.
- Industry prefers C&T; so do politicians
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- How to fight: (Cal has a \$17Billion deficit)
- CO2 is not causing GW; is not a pollutant
- Anyway, a warmer climate is better than colder
- Negligible impact on Global growth of CO2

# Even Worse News

- Supreme Court: April 2007: EPA must regulate CO2 under Clean Air Act - or explain why not
- Mass. vs EPA, based on flawed affidavit and bad science, plus gross incompetence by WH-CEQ, EPA, and DoJ-SG
- EPA issues Notice of Proposed Regs- 90 days
- Consequences: Will stop US economic growth

# Dilemma for Politicians

*„When the facts change, I change my opinion. What do you do, Sir?“*

John M. Keynes