### Off

#### a. Interp—AFF has to specify their agent

#### b. They didn’t—Vote NEG

#### Education- 90% of the plan is implementation

Elmore '80 (Professor of Public affairs @ University of Washington Polysci Quarterly Pages 79-80)

Analysis for policy choices matters very little if the mechanism for implementing those choices … 90% in the realm of implantation.

#### Ground and Clash- We lose 90% of our ground for case dumps, specific counterplans, and specific disads; they can always shift out of a certain part of the USFG

#### Voting issue

### Off

#### The fifty United States and relevant territories should provide Section 1603 Cash Grants to nontaxable entities and individuals for community and residential solar power and require just compensation for the excess power they place on the grid.

#### States solve best and the feds will model- *starting* with the states is key to avoid politics

Thomson and Arroyo 2011 (Vivian Thomson is an Associate Professor in the Departments of

AND

, 29 Va. Envtl. L.J. 1, lexis)

Overview¶ ¶ When it comes to fixing the broken politics of global warming,

AND

policymaking demands a new, "upside-down" cooperative federalism model.

#### State-level cash incentives are super-effective and make current federal tax credits work- solves all federal key warrants

Sarzynski et al 2012 (Andrea, assistant professor at the University of Delaware's School of Public Policy & Administration and a faculty affiliate at the Delaware Environmental Institute, Jeremy Larrieu, Energy Industry Analyst at Federal Energy Regulatory Commission, Gireesh Shrimali, Assistant Professor of Information Systems at the Indian School of Business, The impact of state financial incentives on market deployment of solar technology, Energy Policy, Volume 46, July 2012, http://dx.doi.org/10.1016/j.enpol.2012.04.032)

The impact of cash incentives on PV installations appears quite important to market deployment.

AND

short period of time after purchase (i.e., 90 days).

### Off

#### CIR will pass- labor and business agreement provides momentum and bipart agreements- PC key to maintain the deal- vote in a few weeks

CSM 2/21/2013 (Behind-the-scenes deal pushes immigration reform closer to reality, http://www.csmonitor.com/USA/Politics/2013/0221/Behind-the-scenes-deal-pushes-immigration-reform-closer-to-reality)

A compromise agreement announced Thursday between the nation’s largest labor union and the top advocate

AND

a solution that is in the interest of this country we all love.”

Plan’s unpopular now

The Hill 1/6/2013 (Dems dig in against spending cuts to clean-energy programs, http://thehill.com/blogs/e2-wire/e2-wire/275731-democrats-dig-in-against-cuts-to-clean-energy-programs#ixzz2LptVwP6D )

Democrats are digging in against cuts to clean-energy research as lawmakers again face

AND

Republicans would prefer to prioritize basic research funding to help generate technological breakthroughs.

#### CIR is key to high-skill immigration

LA Times 12 (Other countries eagerly await U.S. immigration reform, http://latimesblogs.latimes.com/world\_now/2012/11/us-immigration-reform-eagerly-awaited-by-source-countries.html)

"Comprehensive immigration reform will see expansion of skilled labor visas," predicted B.

AND

relationships between countries and enhances links to the global economy, Lowell said.

That’s key to innovation in medical biotech
No and Walsh 10, both at Georgia Institute of Technology, (Yeonji and John, “ The importance of foreign-born talent for US innovation,” Nature Biotechnology 28 , 289–291, http://www.nature.com/nbt/journal/v28/n3/full/nbt0310-289.html)

As noted in a recent Nature editorial, the United States has traditionally relied heavily

AND

-average quality and making an important contribution to the US innovation system.

#### Extinction

Yu 9 (Dartmouth Undergraduate Journal of Science (Victoria, Human Extinction: The Uncertainty of Our Fate, 22 May 2009, http://dujs.dartmouth.edu/spring-2009/human-extinction-the-uncertainty-of-our-fate)

A pandemic will kill off all humans.¶ In the past, humans have indeed

AND

could only infect birds — into a human-viable strain (10).

### Off

#### Incentives for social utilities should not merely be financial- to organize collective ventures towards a productive ecosophy we must seek enterprises that are the conduit for enriching life and ecological protection

Guattari 89

(Felix, ecosophist. The Three Ecologies. Translated by Ian Pindar and Paul Sutton. Pg 64-65)

I am not proposing a ready-made model¶ of society here, but

AND

future of fundamental research and¶ artistic production that is in question here.

#### **Extinction is inevitable unless we can change macropolitical structures- this can only happen after individuals orient themselves towards a new ecosophy- focus on micropolitics is the only way to organically create the conditions for social revolution**

Guattari 89

(Felix, ecosophist. The Three Ecologies. Translated by Ian Pindar and Paul Sutton. Pg 66-69)

There is a principle specific to environmental ecology: it states that anything is possible

AND

own way, to counter the pervasive atmosphere of dullness and passivity.s3

#### The alternative is to adapt a method of ecosophic experimentation based on the psyche, the socius, and the environment. we must play within institutions- this model of viewing the world opens up the potential for the reinvention of the entire social order

Guattari 89

(Felix, ecosophist. The Three Ecologies. Translated by Ian Pindar and Paul Sutton. Pg 33-35)

It is in this context of break-up and decentralization, the¶ multiplication

AND

reactionary closure, the exploitation of child¶ labour, the oppression of women

### Grid

#### 1. A slew of alt causes make solvency impossible

Magnuson 1AC Article 12 (Stew Magnuson, managing editor of National Defense Magazine, Washington, D.C.-based journalist and the author of The Death of Raymond Yellow Thunder: And Other True Stories from the Nebraska-Pine Ridge Border Towns, the Nebraska Nonfiction Book of the Year for 2009, bronze medal in the regional nonfiction category, September 2012, “Feds Fear Coordinated Physical, Cyber-Attacks on Electrical Grids,” http://www.nationaldefensemagazine.org/archive/2012/september/Pages/FedsFearCoordinatedPhysical,Cyber-AttacksonElectricalGrids.aspx)

Electrical grids in the United States are vulnerable to both cyber-attacks and space

AND

be delivered by special rail car, and most are now manufactured overseas.

#### 2. Cyber war infeasible

Clark, MA candidate – Intelligence Studies @ American Military University, senior analyst – Chenega Federal Systems, 4/28/’12

(Paul, “The Risk of Disruption or Destruction of Critical U.S. Infrastructure by an Offensive Cyber Attack,” American Military University)

The Department of Homeland Security worries that our critical infrastructure and key resources (CIKR

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establish robust security guidelines and cyber security measures (Gohn and Wheelock 2010).

#### 3. Cyberattacks nearly impossible – empirics and defenses solve

Rid 12 (Thomas Rid, reader in war studies at King's College London, is author of "Cyber War Will Not Take Place" and co-author of "Cyber-Weapons.", March/April 2012, “Think Again: Cyberwar”, http://www.foreignpolicy.com/articles/2012/02/27/cyberwar?page=full)

"Cyberwar Is Already Upon Us." No way. "Cyberwar is coming!"

AND

made reprogramming highly specific installations on legacy systems more complex, not less.

#### 4. Grid is resilient and sustainable

Clark, MA candidate – Intelligence Studies @ American Military University, senior analyst – Chenega Federal Systems, 4/28/’12

(Paul, “The Risk of Disruption or Destruction of Critical U.S. Infrastructure by an Offensive Cyber Attack,” American Military University)

In 2003, a simple physical breakdown occurred – trees shorted a power line and caused a

fault – that had a cascading effect and caused a power blackout across the Northeast (Lewis

2010). This singular occurrence has been used as evidence that the electrical grid is fragile and

subject to severe disruption through cyber-attack, a disruption that could cost billions of dollars,

brings business to a halt, and could even endanger lives – if compounded by other catastrophic

events (Brennan 2012). A power disruption the size of the 2003 blackout,

AND

.S. Senate¶ Committee on Homeland Security and Governmental Affairs 2012).

#### 5. Alt Cause – Solar Flares

Deborah Zabarenko, Environmentalist Writer, 12 [“Solar superstorm could knock out US power grid – experts,” Chicago Tribune, August 3, http://articles.chicagotribune.com/2012-08-03/news/sns-rt-us-solar-superstormbre8721k8-20120803\_1\_power-grid-geomagnetic-transformers]

WASHINGTON (Reuters) - U.S. weather has been lousy this year

AND

has the capacity to bring that network down, the academy's report said.

#### 6. DoD has whole-of-government efforts now – the squo is sufficient

Reed 1AC Article 10/11 John, Reports on the frontiers of cyber war and the latest in military technology for Killer Apps at Foreign Policy, "U.S. energy companies victims of potentially destructive cyber intrusions", 2012, killerapps.foreignpolicy.com/posts/2012/10/11/us\_energy\_companies\_victims\_of\_potentially\_destructive\_cyber\_attacks

Cyber security expert Eugene Kaspersky said two weeks ago that one of his greatest fears is someone reverse-engineering a sophisticated cyber weapon like Stuxnet -- a relatively easy task -- and he noted that Stuxnet itself passed through power plants on its way to Iran. "Stuxnet infected thousands of computer systems all around the globe, I know there were power plants infected by Stuxnet very far away from Iran," Kaspersky said.

\*\*\***THEIR CARD ENDS\*\*\***

While the utilities have been penetrated, Panetta said that the Defense Department, largely via the National Security Agency, is "acting aggressively to get ahead of this problem -- putting in place measures to stop cyber attacks dead in their tracks" under a whole-of-government effort.

The Department of Homeland Security, working with the Department of Energy, has the

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have developed worrisome cyber capabilities. DHS officials were not available for comment.

#### 7. Economic Decline doesn’t cause war

Barnett 9, senior managing director of Enterra Solutions LLC, contributing editor/online columnist for Esquire, 8/25,

(Thomas P.M, “The New Rules: Security Remains Stable Amid Financial Crisis,” Aprodex, Asset Protection Index, <http://www.aprodex.com/the-new-rules--security-remains-stable-amid-financial-crisis-398-bl.aspx>)

When the global financial crisis struck roughly a year ago, the blogosphere was ablaze

AND

. Our new Africa Command, for example, hasn't led us to anything

#### 8. xxEven if, The economy is resilient

Zakaria 9 (Fareed Zakaria, Editor of Newsweek International, 12-21-2009, “The Secrets of Stability,” Newsweek, http://www.newsweek.com/id/226425)

Others predicted that these economic shocks would lead to political instability and violence in the

AND

while affected by the West, their fortunes are not entirely dependent on it

### Nat Gas

#### Framing Argument – The only internal link they have to natural gas low is COAL replacing it – that’s patently false and we will control uniqueness:

#### 1. Domestic coal use dead now – multiple reasons

WSJ 2-6-13 (“U.S. Coal Finds Warm Embrace Overseas,” <http://online.wsj.com/article/SB10001424127887323644904578271830563979920.html?mod=googlenews_wsj>, Mike)

On 67 acres here along the James River, almost 800,000 tons of

AND

market in countries where natural gas is three to five times more expensive.

#### 2. Coal collapse inevitable – prefer our evidence – it’s descriptive AND predictive

Powergrid International 2-4-13 (“Central Appalachian Coal Forecast Troubling,” <http://www.elp.com/news/2013/02/04/central-appalachian-coal-forecast-troubling.html>, Mike)

Long-term forecasts for coal production in West Virginia and the rest of Central

AND

mine, and it won't stop power plants from converting to natural gas."

#### 3. a) Natural gas beats out solar now

Rotman MIT Technology Review 8-21-12 (David, “King Natural Gas,” <http://prod.www.technologyreview.com/review/428900/king-natural-gas/>, Mike)

Early this summer, a simple graph from the U.S. Energy Information

AND

European Union has made in complying with the Kyoto Protocol through policy efforts.

#### b) Solar energy is zero sum with natural gas – there is a direct trade-off.

Jerusalem Post -12 (Jerusalem Post, November 12, 2010, The politics of solar power, DAVID SHAMAH , Lexis)

UN IS SUN, and electricity is electricity - or should be, says MK

AND

Corporation main lines, and the electricity generated is transferred to IEC substations.

#### Turns the advantage – three reasons

#### A. Decreases gas dispatched – means we won’t use it for capacity power

Moniz et al -11 (Ernest J, Chair, MIT Interdisciplinary Study, 6/09/2011, The Future of Natural Gas http://web.mit.edu/mitei/research/studies/natural-gas-2011.shtml)

The displacement of gas is greater for solar than for wind, since solar production

AND

less-employed, single-cycle gas turbines and steam gas units.

#### B. Collapses natural gas innovation – that’s the warrant to their price spikes internal link AND it’s key to overall system reliability which is terminal defense to the other advantage

Moniz et al -11 (Ernest J, Chair, MIT Interdisciplinary Study, 6/09/2011, The Future of Natural Gas http://web.mit.edu/mitei/research/studies/natural-gas-2011.shtml)

Although our analysis has been limited to a few alternative scenarios, we can observe

AND

of investment in natural gas generation capacity to ensure system reliability and efficiency.

#### C. Shuts down natural gas plants

Campbell -09 (The Globe and Mail, MURRAY CAMPBELL, February 24, 2009, Ontario to allow green energy on the grid - but at what cost?; New Liberal bill to boost producers of renewable energy such as wind and solar power, Lexis)

And prices will go up. Even the government's own regulators acknowledge this. The

AND

its robust support of renewable energy, consumers pay more than 20 cents.

#### 4. Resource wars will never occur

Deudney 99 (Daniel, Asst Prof of Poli Sci at Johns Hopkins, Contested Grounds: Security and Conflict in the New Environmental Politics )

The hypothesis that states will begin fighting each other as natural resources are depleted and

AND

the benefit of Third World raw material suppliers, prices have fallen.47

#### 5. Resource scarcity promotes cooperation not conflict

Dalby 6 (Simon, Dept. Of Geography, Carleton University, "Security and environment linkages revisited" in Globalisation and Environmental Challenges: Reconceptualising Security in the 21st Century, www.ntu.edu.sg/idss/publications/SSIS/SSIS001.pdf)

In parallel with the focus on human security as a necessity in the face of

AND

pessimism of the 1990’s where the focus was on the potential for conflicts.