### 1NC

#### Financial incentives include funding and loan guarantees; power purchase is a non-financial incentive

Czinkota et al, 9 **-** Associate Professor at the McDonough School of Business at Georgetown University (Michael, Fundamentals of International Business, p. 69 – google books)

Incentives offered by policymakers to facilitate foreign investments are mainly of three types: fiscal

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import quotas, and local content requirements, and investments in infrastructure facilities.

### 1NC

#### Energy production is the peak of our manipulation of the environment – rather than revealing the ontological beauty of nature, it exploits it for human utilization – this standing reserve logic obviates our relation to Earth and causes extinction – our alternative is to refuse action in this instance in favor of contemplating being – this is key to more effective environmental policies

Grego 7 – Dr. Richard Grego 7, Associate Professor, Department of Humanities/ Culture, Daytona Beach College, 2007, “Global Warming, Environmental Philosophy and Public Policy: John Dewey vs Martin Heidegger,” online: http://www.philosophos.com/philosophy\_article\_153.html

This essay compares and contrasts the views of Martin Heidegger and John Dewey with respect

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humanity, might be just what is needed for the earth's sustainable future.

### 1NC

#### Congress is on track to make a deal to prevent sequestration cuts now---Obama’s political capital is key to forge a compromise

Weisman 10/1 Jonathan is a writer at the New York Times. “Leaders at Work on Plan to Avert Mandatory Cuts,” 2012, http://www.nytimes.com/2012/10/02/us/senate-leaders-at-work-on-plan-to-avert-fiscal-cliff.html?hp&\_r=0

WASHINGTON — Senate leaders are closing in on a path for dealing with the “

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the deal, deliver the members of his party and sign the bill.”

#### Funding SMRs is politically explosive---gets caught up in spending and Solyndra debates---the link’s unique because Obama’s backed off SMRs due to election pressure

Gabriel Nelson 9-24, E&E Reporter, and Hannah Northey, 9/24/12, “DOE funding for small reactors languishes as parties clash on debt,” http://www.eenews.net/public/Greenwire/2012/09/24/3

DOE funding for small reactors … that I know how to do that."

#### Going over the fiscal cliff causes a second great depression

Morici 8/7 Peter, PhD, is a "recognized expert on economic policy and international economics." He is a Professor of International Business at the R.H. Smith School of Business at the University of Maryland. "Fix fiscal cliff now or face next Great Depression," 2012, http://www.foxnews.com/opinion/2012/08/07/fix-fiscal-cliff-now-or-face-next-great-depression/

President Obama and Republicans …**would thrust it into a prolonged contraction.**

#### Global nuclear war

Harris & Burrows 9 Mathew, PhD European History @ Cambridge, counselor of the U.S. National Intelligence Council (NIC) and Jennifer, member of the NIC’s Long Range Analysis Unit “Revisiting the Future: Geopolitical Effects of the Financial Crisis” http://www.ciaonet.org/journals/twq/v32i2/f\_0016178\_13952.pdf

Of course, the report encompasses more than economics and indeed believes the future is

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within and between states in a more dog-eat-dog world.

### 1NC

#### The United States Federal Government should substantially increase investment in smart microgrid technology for [military installations in the United States] via a diverse portfolio tailored to individual installation circumstances, including non-nuclear renewable energies for on-site generation, increased backup generation capacity, improvements in energy efficiency and energy storage, intelligent local energy management, and accelerated implementation of the SPIDERS project.

#### Smart microgrids solve DOD grid vulnerability---the combination of the CP’s mechanisms resolves the problems with each individual component

SERDP 12 – the Strategic Environmental Research and Development Program, DoD’s environmental science and technology program, executed in partnership with DOE and EPA, 7/10/12, “DoD Study Finds Microgrids Offer Improved Energy Security for DoD Installations,” http://www.serdp.org/News-and-Events/News-Announcements/Program-News/DoD-study-finds-microgrids-offer-improved-energy-security-for-DoD-installations

Advanced microgrids offer a cost-effective … can earn value helping to meet those needs.

#### SPIDERS will produce effective renewable-based microgrids that guarantee communications and control survive grid outages

Robert K. Ackerman 12, SIGNAL Magazine, February 2012, “Military Energy Enters SPIDERS Web,” http://www.afcea.org/content/?q=node/2877

No man may be an island, but each U.S. military … will be energy-source agnostic.

Framing issue---the DOD votes neg---they want renewables because bases are ideally situated to support them

DOD 11 – Department of Defense, 7/11/11, “Department of Defense Strategic Sustainability Performance Plan,” http://www.acq.osd.mil/ie/download/green\_energy/dod\_sustainability/DoD%20SSPP%20Public\_2011.pdf

Relating specifically to the fixed installations … to support the nation’s infrastructure.

#### Locating SMRs on bases destroys readiness---evacuation zones, exclusion areas, and safety requirements mean either that reactors could only be located on non-essential bases, which doesn’t solve their advantage, or locating reactors on mission-critical facilities jacks readiness

Marcus King et al 11, Associate Director of Research, Associate Research Professor of International Affairs, Elliot School of International Affairs, The George Washington University, et al., March 2011, “Feasibility of Nuclear Power on U.S. Military Installations,” http://www.cna.org/sites/default/files/research/Nuclear%20Power%20on%20Military%20Installations%20D0023932%20A5.pdf

The effect of nuclear power plants on … create lasting damage to national security.

## Resiliency

### Squo Solves

#### Status quo solves islanding---the military figured out their advantage and fixed it

Michael Aimone 9-12, Director, Business Enterprise Integration, Office of the Deputy Under Secretary of Defense (Installations and Environment), 9/12/12, Statement Before the House Committee on Homeland Security, Subcommittee on Cybersecurity, Infrastructure Protection and Security Technologies, http://homeland.house.gov/sites/homeland.house.gov/files/Testimony%20-%20Aimone.pdf

DoD’s facility energy strategy is also focused heavily on grid security in the name of

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grid to deliver electricity to its bases places critical missions at risk.1

Standby Power Generation

Currently, DoD ensures that it can continue mission critical activities on base largely through

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, to Keesler Air Force Base in Mississippi, to support base recovery.

### Offense

#### DOD pursuit of SMRs sends a global signal of impending U.S. military aggression---causes resentment against U.S. unilateralism

Terrence P. Smith 11, program coordinator and research assistant with the William E. Simon Chair in Political Economy at the CSIS, February 16, 2011, “An Idea I Can Do Without: “Small Nuclear Reactors for Military Installations,”” http://csis.org/blog/idea-i-can-do-without-small-nuclear-reactors-military-installations

The report repeatedly emphasizes …is where they should stay.

#### The U.S. is pursuing a grand strategy of multilateral legitimacy now---perception of a swing back toward unilateral military primacy collapses heg

Kevin Fujimoto 12, Lt. Colonel, U.S. Army, January 11, 2012, “Preserving U.S. National Security Interests Through a Liberal World Construct,” online: <http://www.strategicstudiesinstitute.army.mil/index.cfm/articles/Preserving-US-National-Security-Interests-Liberal-World-Construct/2012/1/11>

The emergence of peer competitors, not …when we are no longer the world's only superpower.

### Power Purchasing Fails

#### The private sector won’t fund the R&D necessary to build SMRs---the plan’s lack of up-front financing for development costs means nobody builds them

Matt Stepp et al. 11, specialist in clean energy innovation at the Information Technology and Innovation Foundation, formerly Fellow at the Breakthrough Institute, et al, May 2011, “Ten Principles for Creating a New U.S. Clean Energy Policy,” http://www.itif.org/files/2011-guiding-principles.pdf

R&D is fundamentally the most … dramatic price reductions of next generation innovations.

#### Power purchase isn’t credible to the private sector---nobody believes DOD would actually pay inflated prices for a new energy source

Daniel Sarewitz 12, Co-Director, Consortium for Science, Policy and Outcomes, Arizona State University; and Samuel Thernstrom Senior Climate Policy Advisor, Clean Air Task Force, March 2012, “Energy Innovation at the Department of Defense: Assessing the Opportunities,” p. 9

Liquid fuels are indispensable for … that later prove unsustainable or simply uncompetitive.

### Islanding Not Key

#### Full islanding not key---DOD doesn’t want it

Annie Snider 12, E&E reporter, 1/16/12, “Pentagon still can't define 'energy security,' much less achieve it,” http://www.eenews.net/public/Greenwire/2012/01/16/1

Some argue that all military facilities should …important and how to define that, because it is a sliding scale."

### Long TF

#### The Air Force already tried to get companies to build SMRs---they concluded tech’s a decade away

Kate Anderson 10, Senior Engineer in the Integrated Applications Office, National Renewable Energy Laboratory, 2/1/10, “SMALL NUCLEAR REACTORS,” https://smr.inl.gov/Document.ashx?path=DOCS%2FReading+Room%2Fgeneral%2FNuclear+White+Paper+by+NREL+020110.pdf

Small nuclear reactors were originally developed for defense applications. The US Navy began developing

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is 12 to 14 years away from building such a power plant.7

### Military SMRs Fail

#### Military SMRs fail---more dangerous and costly than big reactors

Matthew Baker 12, Adjunct Junior Fellow at the American Security Project, 1/22/12, “Do Small Modular Reactors Present a Serious Option for the Military’s Energy Needs?,” http://americansecurityproject.org/blog/2012/do-small-modular-reactors-present-a-serious-option-for-the-militarys-energy-needs/

The speakers at the DESC briefing suggested a surge is needed in SMR production to

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90% of the US military’s energy needs could be supplied by SMRs.

Congressman Bartlett also pointed out that … technology are more costly than its benefits.

## Meltdowns

### No Retal

#### No retaliation

Ruwe 8 (Daniel, 5/27, http://danielruwe.blogspot.com/2008/05/barack-obama-gaffe-machine.html)

Another revealing Obama quote is his answer to a debate question regarding a hypothetical terrorist

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. This quote is revealing because he rarely enunciates this idea so openly.

#### No nuclear retaliation

Korb 10(Lawrence J. Korb “Obama's Nuclear Policy Enhances America's Moral Position, Security” http://politics.usnews.com/opinion/articles/2010/04/26/obamas-nuclear-policy-enhances-americas-moral-position-security.html 4/26/10)

The policy of not using nuclear weapons against nonnuclear states was first enunciated back in

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weapon on us, we would have to retaliate on a conventional basis."

### No Cyber Terror—No Impact

#### The impact to cyberterror is small

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

"A Digital Pearl Harbor Is Only a Matter of Time."

Keep waiting. U.S. Defense Secretary Leon Panetta delivered a stark warning

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conjure up, perhaps it's time for everyone to take a deep breath.

#### Alarmism empirically denied

Sean Lawson 11, Ph.D. Department of Communication University of Utah "BEYOND CYBER-DOOM: Cyberattack Scenarios and the Evidence of History" Jan 11 mercatus.org/sites/default/files/publication/beyond-cyber-doom-cyber-attack-scenarios-evidence-history\_1.pdf

Despite persistent ambiguity in cyber-threat perceptions, cyber-doom scenarios have remained

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ideologues who promote unrealistic portrayals of cyber-threats (Greenwald, 2010).

### No Cyber Terror---Prefer our Evidence

#### Their impact evidence relies on threat inflation

Walt 10 – Stephen M. Walt 10 is the Robert and Renée Belfer Professor of international relations at Harvard University "Is the cyber threat overblown?" March 30 walt.foreignpolicy.com/posts/2010/03/30/is\_the\_cyber\_threat\_overblown

Am I the only person -- well, besides Glenn Greenwald and Kevin Poulson --

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that are not as dangerous as we are currently being told they are.