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#### Contention one is energy.

#### Renewable energy promotes clean tech leadership which solves great power war

**Klarevas 09** — professor at the Center for Global Affairs at New York University (Louis, “Securing American Primacy While Tackling Climate Change: Toward a National Strategy of Greengemony”, 12/15/2009, http://www.huffingtonpost.com/louis-klarevas/securing-american-primacy\_b\_393223.html) BCD  
\*\*\*Gender-edited

As national leaders from around the world are gathering in Copenhagen, Denmark, to

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best approach for achieving this is to promote a national strategy of greengemony.

#### **Independently, oil dependency hurts the U.S. military and foreign policy goals --- that escalates to great power conflict**

**Crawford 10** (Colin, J.D., Wake Forest University School of Law, “Green Warfare: An American Grand Strategy for the 21st Century”, Wake Forest Journal of Business and Intellectual Property Law, p. Lexis)

[\*248] In addition to the potential for economic growth, even the most

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foreign policy throughout entire regions is framed in the context of energy. n32

#### ****Second,**** only alternative and renewable energies solve climate change

Madsen et al 09—Travis Madsen and Tony Dutzik of Frontier Group, Bernadette Del Chiaro and Rob Sargent of Environment America Research & Policy Center, Generating Failure, Environment America, November, http://www.environmentamericacenter.org/sites/environment/files/reports/Generating-Failure---Environment-America---Web.pdf

An investment in energy efficiency would deliver vastly superior results. Investing in energy efficiency

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policies encourage growth in capacity for solar panel manufacturing, distribution and installation.

**And Mexican renewable energy development is modeled globally**

**W.W.F.,** 6/4/**13**, (World Wildlife Fund), "WWF welcomes Mexico's 2050 Climate Vision; now global funding must be made available to implement such strategies," <http://wwf.panda.org/wwf_news/?208932/WWF-welcomes-Mexicos-2050-Climate-Vision-now-global-funding-must-be-made-available-to-implement-such-strategies>

Mexico’s launch today of a 2050 Climate Change Vision report is a welcome next step

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to keep global warming below 2°C will be thwarted,” she added

#### CO2 causes warming and melting of methane deposits which magnify warming tenfold

**Robertson 09** (J.E., “Global Climate Destabilization is Major Security & Economic Threat”, 3-9, http://www.casavaria.com/hotspring/2009/03/337/global-climate-destabilization-is-major-security-economic-threat/, ldg, DOA: 5-13-11)BCD

The new administration in Washington, DC, has taken notice: climate change

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options for building a sustainable global economy not on course for catastrophic decay.

#### Independently, methane release is 10,000 times worse than nuclear war **Ryskin 03** – Ph.D. Chemical Engineering California Institute of Technology, Pasadena, CA Engineer-Physicist St. Petersburg Polytechnic Institute, St. Petersburg, Russia Fluid dynamics; statistical physics; geophysics Associate Professor of Chemical and Biological Engineering Gregory, Department of Chemical Engineering, Northwestern University (“Methane-driven oceanic eruptions and mass extinctions,” Geology, September 2003. <http://pangea.stanford.edu/research/Oceans/GES205/methaneGeology.pdf>)

The consequences of a methane-driven oceanic eruption for marine and terrestrial life are

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weapons, implicated in the nuclearwinter scenario (Turco et al., 1991).

#### Warming’s real and anthropogenic – this card assumes all of their warrants – 99% of scientists vote aff

**Prothero 12** [Donald R. Prothero, Professor of Geology at Occidental College and Lecturer in Geobiology at the California Institute of Technology, 3-1-2012, "How We Know Global Warming is Real and Human Caused," Skeptic, 17.2, EBSCO]

NOTE: Green highlighting is what I’m reading

How do we know that global warming is real and primarilyhuman caused? There are

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change when it threatens their survival. Neither can we as a society.

#### **Negative feedback doesn’t solve, and CO2 harms agriculture**

**Aurelie and Vlad 12** – Lund University [Bachy and Privulescu, "Terrestrial and marine carbon uptake in the future: can we extrapolate today's situation?,"http://www.nateko.lu.se/courses/ngen03/projects%202011/Bachy%20Pirvulescu.pdf] BCD

Moreover, CO2 fertilization and climate effects offset each other; their combined effect

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happen if we continue to emit CO2 at high rate during the 21st century

#### Climate changes results in extinction

**Roberts 12** – Grist Staff Writer [David, "Strategies for a Changing Planet: Awareness", <http://www.popsci.com/science/article/2012-06/climate-change-here-its-time-get-ready>]

How much warmer must it get before things really go to hell? “

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according to one recent study, render half of Earth’s currently occupied land uninhabitable

#### Climate change causes an ice age - consensus goes aff.

**Dayton 04** Leigh Dayton, Science Writer for the Australian, ‘4 (The Australian, Lexis)

IN the latest Hollywood blockbuster, The Day After Tomorrow, the world is plunged

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that can trigger a sudden climate switch ... and a new ice age.

#### **An ice age causes multiple scenarios for extinction by 2015**

**Aym 10** - Individual Investor Magazine staff writer (Terrence, "German Scientist Predicts new Ice Age now approaching", Helium.com, December 22, http://www.helium.com/items/2045473-scientist-predicts-new-ice-age-now-approaching)

Panicking people fleeing dying cities…Pandemics and epidemics breaking out…Europe facing regional

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almost wiped out the entire human race some 12,000 years ago.

#### Independently, ocean acidification from CO2 cause extinction

**Romm 12** (Joe Romm is a Fellow at American Progress and is the editor of Climate Progress, “Science: Ocean Acidifying So Fast It Threatens Humanity’s Ability to Feed Itself,” 3/2/2012, http://thinkprogress.org/romm/2012/03/02/436193/science-ocean-acidifying-so-fast-it-threatens-humanity-ability-to-feed-itself/?utm\_source=feedburner&utm\_medium=email&utm\_campaign=Feed%3A+climateprogre)

The world’s oceans may be turning acidic faster today from human carbon emissions than they

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corals, mollusks and some plankton need for reef and shell-building.

#### The plan is key to spurring renewable energy development – that solves

**Department of State 12** (April 13th, “Connecting the Americas 2022”, http://www.state.gov/r/pa/prs/ps/2012/04/187875.htm)BCD

The Western Hemisphere produces one quarter of the world’s oil, almost one-third

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regulators, utilities, the private sector, and multilateral organizations and institutions.

#### Contention two is the grid.

#### The US power grid vulnerable to attacks now **Serrano 11** (Richard A., staff writer for the Washington bureau, "U.S. power grid a terrorist target", Feb 11 2011,http://www.spokesman.com/stories/2011/feb/11/us-power-grid-a-terrorist-target)

WASHINGTON – A major cyber attack somewhere in the United States is becoming increasingly

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secure. And that’s probably all we should say about that in public.”

**Smart grids key to rapid recovery from grid failure**

**Goldsmith ’12** STEPHEN GOLDSMITH, professor of government at the Harvard Kennedy School, “How a Smart Grid Can Get the Lights Back on Faster,” Governing, 11/16/2012, http://www.governing.com/blogs/bfc/col-smart-grid-meters-electricity-outage-hurricane-sandy.html

Yet the storm teaches us that the best way to plan for the truly unexpected

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on their last one, increasing efficiency and reducing system repair time considerably.

#### **Solar storms coming – consensus of experts agree – tanks electric grid** Franks 11- serves on the Judiciary Committee and the Armed Services Committee (Trent, Testimony by Congressman Trent Franks to the Energy and Power Subcommittee ,http://republicans.energycommerce.house.gov/Media/file/Hearings/Energy/053111/Franks.pdf)

Catalyzed by a major solar storm, a high altitude nuclear blast, or

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vulnerability, if left unaddressed, could have grave, societal altering consequences.

#### **Smart grid early warning tech is key to grid protection** Fountain 10– Science Reporter @ Times (Solar Storm Risks Bring Disaster Plans By HENRY FOUNTAIN NYT Reporter Published: November 16, 2010http://www.nytimes.com/2010/11/17/business/energy-environment/17GRID.html?pagewanted=all)

With it, he said, “we can calculate exactly when this thing is

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brief, deliberate shutdown was a far better outcome than a long blackout.

**We’ll isolate 2 impacts:**

#### First – meltdowns – they cause extinction

**Adams 11**– Editor @ IBT (Mike, International Business Times, Solar Flare Could Unleash Nuclear Holocaust Across Planet Earth, Forcing Hundreds of Nuclear Power Plants Into Total Meltdowns, http://au.ibtimes.com/articles/213249/20110914/solar-flare-could-unleash-nuclear-holocaust-across-planet-earth-forcing-hundreds-of-nuclear-power-pl.htm)  
(NaturalNews) Forget about the 2012 Mayan calendar, comet Elenin or the Rapture

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planet? It's a very, very small fraction of the total population.

#### **Second – electricity – long-term power outages lead to extinction** Hecht 11 – Editor in Chief @ 21st Century Magazine (Laurence, Solar Storm Threatening Power Grids – Yet no Action Taken to Implement Defences, http://oilprice.com/Energy/Energy-General/Solar-Storm-Threatening-Power-Grids-%E2%80%93-Yet-no-Action-Taken-to-Implement-Defences.html)

A known and cataclysmic threat to the U.S. electric power grid is

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infrastructure unprepared for a return to pre-electricity conditions could descend into chaos

**Even limited blackouts will spillover due to interdependency**

**National Research Council, 2008** (“Severe Space Weather Events—Understanding Societal and Economic Impacts,” Committee on the Societal and Economic Impacts of Severe Space Weather Events: A Workshop)

Caverly discussed how a space weather event could have an impact on delivery of electric

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single and perhaps even multiple events would not simultaneously shut down both locations.

#### Plan will lead to smart grid implementation

**Voice of America 12** (9/7/12, “Connecting the Americas in 2022” http://editorials.voa.gov/content/connecting-electricity-in-the-americas-in-2022-090712/1503958.html) BCD

According to the International Energy Agency, the Western Hemisphere requires over $700 billion

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goal of United States policy, for the Americas and for the world.

**Text: The United States federal government should substantially increase its economic engagement towards Mexico as per the Connecting the Americas initiative.**

#### Contention three is solvency.

#### Connect Americas is feasible and needed in the status quo

**Clinton 12** – former Secretary of State (Hillary Rodham, 4/13/2012, “Remarks at the Launch of ‘Connect 2022’ Initiative at CEO Summit”, US Department of State: Diplomacy in Action, http://www.state.gov/secretary/rm/2012/04/187901.htm) BCD

Now in the last few years, the countries of this hemisphere have made a

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fewer blackouts, and now they’re working on how to expand those links.

**Now 15 years of cooperation non-unique the disad, but that doesn’t take out the aff – more cooperation is necessary to realize the true potential of renewable technology**

Duncan **Wood**, May **2010**, Woodrow Wilson International Center for Scholars, "Environment, Development and Growth: US-Mexico Cooperation in Renewable Energies," <http://www.statealliancepartnership.org/resources_files/USMexico_Cooperation_Renewable_Energies.pdf>

The US has been engaged with Mexico in renewable energy issues for over 15 years

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are therefore vital if Mexico’s true¶ potential is to be fully realized.