**1AC – Inherency**

**Renewables currently barred from forming MLPs—this stifles renewable energy projects**

**Blodgett and Gawell 12**

(Leslie and Karl, Geothermal Energy Weekly, “New MLP Parity Act Could Give a Boost to Geothermal/Renewable Energy Investors,” 2012, <http://geo-energy.org/Newsletter/2012/Geothermal%20Energy%20Weekly%20July%2019%202012.pdf//wyo-mm>)

An MLP is a business structure that is taxed as a partnership, but whose

AND

R.I.), and Jeanne Shaheen (D-N.H.).

**1AC – Plan**

#### The United States federal government should allow the use of Master Limited Partnerships for the production of wind power and solar power.

**1AC – Solvency**

**Plan solves—expanding MLP’s to renewable energy is key to spur investment and development of wind and solar technology**

**Mormann and Reicher, 6-2-12**

[Felix and Dan, NYT editorial staff, “How to Make Renewable Energy Competitive.” The New York Times. (June 2, 2012): News: pNA(L), Accessed online via academic onefile] /Wyo-MB

Two financial mechanisms that have driven investment in traditional energy projects -- real estate investment

AND

bring many more renewable energy projects online, actually raising overall tax revenue.

**And a smart mix of wind and solar projects is key to renewable solvency**

**Jacobson and Delucchi, 2009**

[Mark Z. Jacobson is professor of civil and environmental engineering at Stanford University and director of the Atmosphere/Energy Program there. He develops computer models to study the effects of energy technologies and their emissions on climate and air pollution. Mark A. Delucchi is a research scientist at the Institute of Transportation Studies at the University of California, Davis. He focuses on energy, environ­mental and economic analyses of advanced, sustainable transportation fuels, vehicles and systems, “A Plan to Power 100 Percent of the Planet with Renewables.” Scientific American, 10-26-2009, Online, http://www.scientificamerican.com/article.cfm?id=a-path-to-sustainable-energy-by-2030&page=5] /Wyo-MB

A new infrastructure must provide energy on demand at least as reliably as the existing

AND

steady base and hydroelectric can be called on to fill in the gaps.¶

**And the federal government is key, changing MLP structure creates a stable regulatory environment**

**Freed and Stevens 11**

(Josh and Mae, Freed is the Vice President of the Third Way Clean Energy Program and served for more than a decade as a political strategist for national, federal and local campaigns and was a senior staffer on Capitol Hill, Stevens is a Policy Advisor for the Third Way Clean Energy Program, Third Way, “A Small Tax Change, Big Clean Energy Results,” December 2011, <http://content.thirdway.org/publications/475/Third_Way_Idea_Brief_-_A_Small_Tax_Change_Big_Clean_Energy_Results.pdf//wyo-mm>)

Moreover, the economic downturn that began in 2008 has made it difficult for companies

AND

. This is, understandably, difficult for innovative energy companies to provide.

**1AC – Warming Advantage**

**American clean energy markets are on the verge of collapse- a perfect storm of expiring financial incentives and declining export opportunities will gut renewables absent fast policy action**

**Jenkins et al 12**

[Jesse, Director of Energy and Climate Policy, Breakthrough Institute, Mark Muro, Senior Fellow, Metropolitan Policy Program, Brookings Institution, Ted Nordhaus and Michael Shellenberger, Cofounders, Breakthrough Institute, Letha Tawney, Senior Associate, World Resources Institute, Alex Trembath, Policy Associate, Breakthrough Institute, Beyond Boom and Bust: Putting Clean Tech on a Path to Subsidy Independence, April 2012, p. online//wyo-tjc]

In the absence of significant and timely energy policy reform, the recent boom in

AND

are likely to experience more bankruptcies, consolidations, and market contraction ahead.

**Warming is real; human caused and rapid: there are four key signals carbon dioxide increase, melting of polar ice caps, melting glaciers, and rapid sea level rise**

**Prothero 12**

(Donald R. Prothero is a Professor of Geology at Occidental College and Lecturer in Geobiology at the California Institute of Technology. “How we know global warming is real and human caused” Winter 2012. Academic OneFile//wyoccd)

Converging Lines of Evidence How do we know that global warming is real and primarily

AND

Florida, and most of the world's river deltas) would be drowned.

**Wind power generation directly offsets emissions**

**Joseph A. Cullen, 11**

Professor of economics at Harvard, is an economist who investigates the economics of energy and its implications for our environment. “Measuring the Environmental Benefits of Wind-Generated Electricity” <http://www.u.arizona.edu/~jcullen/Documents/measuringwind.pdf>, accessed 8-22-12,WYO/JF

Utilizing information on production decisions in 15-minute intervals on the Texas electricity grid

AND

I present the results and determine the value of offset emissions before concluding.

**Solar power solves emissions**

**Damon Turney and Vasilis Fthenakis, 11**

National Photovoltaic Environmental Research Center, Brookhaven National Laboratory, Bldg. 130, 32 Lewis Rd, Upton, NY 11973, United States “Environmental impacts from the installation and operation of large-scale solarpower plants” <http://www.sciencedirect.com/science/article/pii/S1364032111001675>, accessed 8-1-12,WYO/JF

We calculate the emissions of CO2 per kW h of delivered electricity. To accomplish

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suggesting another GHG benefit for switching electricity generation from fossil to solar power.

**Studies prove these emissions are a primary cause of global warming**

**IPCC, 2007**

[Compiled by a working group of scientists studying climate change, Lenny Bernstein, Peter Bosch, Osvaldo Canziani, Zhenlin Chen, Renate Christ, Ogunlade Davidson, William Hare, Saleemul¶ Huq, David Karoly, Vladimir Kattsov, Zbigniew Kundzewicz, Jian Liu, Ulrike Lohmann, Martin Manning, Taroh Matsuno,¶ Bettina Menne, Bert Metz, Monirul Mirza, Neville Nicholls, Leonard Nurse, Rajendra Pachauri, Jean Palutikof, Martin¶ Parry, Dahe Qin, Nijavalli Ravindranath, Andy Reisinger, Jiawen Ren, Keywan Riahi, Cynthia Rosenzweig, Matilde¶ Rusticucci, Stephen Schneider, Youba Sokona, Susan Solomon, Peter Stott, Ronald Stouffer, Taishi Sugiyama, Rob Swart,¶ Dennis Tirpak, Coleen Vogel, Gary Yohe, “Climate change 2007: Synthesis report.” Online, http://www.ipcc.ch/pdf/assessment-report/ar4/syr/ar4\_syr\_spm.pdf] /Wyo-MB

Changes in atmospheric concentrations of greenhouse¶ gases (GHGs) and aerosols, land

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1750 has been one of warming.¶ 6¶ {2.2}

no studies have attempted to empirically measure the environmental contribution of wind power resulting from these production offsets.

**Transition from fossil fuels is key to solve warming, even if it increases construction emissions in the short term, wind and solar solve in the long term**

**Myhrvold and Caldeira, 2012**

[NP, member of intellectual ventures, and K, Dept. of Global Ecology Carnegie institute, “Greenhouse gases, climate change and the transition from coal to low-carbon electricity.” 2012 Environ. Res. Lett. 7 014019, Online, http://ftpcontent.worldnow.com/wowk/Carnegiestudy.pdf] /Wyo-MB

A transition from the global system of coal-based electricity generation to¶ low

AND

in the second half of this century; however, natural gas cannot.

**U.S. leadership is key to solve for global ghg’s and warming, lead to massive amount of modeling, and decrease use of oil**

**NREL, 08**

is a national laboratory of the U. S. Department of Energy, “Strengthening U.S. Leadership of International Clean Energy Cooperation “,<http://www.nrel.gov/international/pdfs/44261.pdf>, accessed 9-2-12,WYO/JF

Greenhouse Gas Impacts The primary environmental benefit of the U.S.-led global

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the world by 2020, which is consistent with the Millennium Development Goals.

**Studies show warming is human caused and will cause extinction**

**Ahmed 2010**

(Nafeez Ahmed, Executive Director of the Institute for Policy Research and Development, professor of International Relations and globalization at Brunel University and the University of Sussex, Spring/Summer 2010, “Globalizing Insecurity: The Convergence of Interdependent Ecological, Energy, and Economic Crises,” Spotlight on Security, Volume 5, Issue 2, online)

Perhaps the most notorious indicator is anthropogenic global warming. The landmark 2007 Fourth Assessment

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– a situation endangering the survival of all life on earth.[xi]

**Try or die- the environment is at the tipping point- Collapse will be fast and catastrophic**

**AFP, 12**

(Agence France-Presse, citing UN study, “Environmental collapse now a serious threat: scientists,” Raw Story, http://www.rawstory.com/rs/2012/06/06/environmental-collapse-now-a-serious-threat-scientists/)

The paper by 22 top researchers said a “tipping point” by which the

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surface is being used for farming or habitation, according to the study.

**MLPs solve renewables and green house gas emissions and stable energy generation**

**Congressional Documents and Publications, 6-7-12**

[US senate documents news release, “Senators Coons, Moran introduce bill to spark investment in renewable energy projects: Sen. Christopher A. Coons (D-DE) News Release.” Accessed online via proquest] /Wyo-MB

Josh Freed, vice president for clean energy, Third Way: "There are

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greenhouse gases, and secure the electrical grid with stable, baseload power."

**1AC Economy Adv**

**Economic collapse coming now – manufacturing and investment are weak, and failure to resolve creates a sustained recession**

**Peter Morici, 12**

economist and professor at the University of Maryland's Smith School of Business, “The coming economic collapse and what can – and cannot – be done”, http://articles.sun-sentinel.com/2012-07-26/news/fl-pmcol-economics-fri0727-20120726\_1\_wall-street-banks-export-driven-growth-tax-cuts, 8-16-12,WYO/JF

The U.S. economy is teetering on the brink of another recession.

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and set off hyperinflation, but it can't lower interest rates much further.

**MLPs only way to solve for renewables and the economy**

**DiMugno 12**

(Laura, editor, writer and journalist work has spanned areas including energy, the environment, travel, and technology, North American Wind Power, “UPDATED: New Legislation Could Unlock Billions Of Dollars In Wind Energy Investment,” June 7, 2012, <http://www.nawindpower.com/e107_plugins/content/content.php?content.9961//wyo-mm>)

Opening up an investment vehicle long used in fossil-fuel markets to renewable energy

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and solar projects are generally long-term contracts that offer cashflow stability.

**Thats key to economic growth**

**Economic Report to the President, 2011**

[White house staff, “Chapter 1: From Crisis recovery and growth.” Online, http://www.whitehouse.gov/sites/default/files/microsites/2011\_erp\_chapter1.pdf] /Wyo-MB

Energy plays a critical role in the economy, and Chapter 6 outlines key ¶

AND

in an economy ¶ based on a safer and more secure energy supply.

**Clean energy transition to wind and solar is key to the US economy solves jobs and manufacturing—**

**The Ledger, 2009**

[Published by the NYT, 9-26-2009, “Rebuild U.S. Industrial Base by Promoting a Clean Energy Economy.” The Ledger [Lakeland, Fla] 26 Sep 2009] /Wyo-MB

One of the biggest problems we have in America today is that our industrial base

AND

jobs here in America, for Americans. It's time to Repower America.

**Manufacturing is key to the US economy**

**Ettlinger and Gordon, 2011**

[Michael Ettlinger is the Vice President for Economic Policy and Kate Gordon is the Vice President for Energy Policy at the Center for American Progress, “The Importance and Promise of American Manufacturing.” 4-7-2011, Online, http://www.americanprogress.org/issues/labor/report/2011/04/07/9427/the-importance-and-promise-of-american-manufacturing/] /Wyo-MB

Manufacturing is critically important to the American economy. For generations, the strength of

AND

, our national security, and the well-being of all Americans.

**Manufacturing Jobs are key to US technological leadership and economic competitiveness**

**Ettlinger and Gordon, 2011**

[Michael Ettlinger is the Vice President for Economic Policy and Kate Gordon is the Vice President for Energy Policy at the Center for American Progress, “The Importance and Promise of American Manufacturing.” 4-7-2011, Online, http://www.americanprogress.org/issues/labor/report/2011/04/07/9427/the-importance-and-promise-of-american-manufacturing/] /Wyo-MB

First, jobs in the manufacturing sector are good middle-class jobs for millions

AND

industry, academia, and government is vital to our nation’s economic competitiveness.

**US key to world economy, exports, skilled workers and demand growth**

**Economic Report to the President, 2011**

[White house staff, “Chapter 4: The World Economy.” Online, http://www.whitehouse.gov/sites/default/files/microsites/2011\_erp\_chapter1.pdf] /Wyo-MB

The world economy has begun a transformation. Rapidly growing ¶ emerging-market countries

AND

from emerging economies than their share of the world economy ¶ would warrant.

**Growth solves global wars—multiple reasons**

**Royal, 10**

Jedediah Royal, Director of Cooperative Threat Reduction at the U.S. Department of Defense 2010, Economic Integration, Economic Signaling and the Problem of Economic Crises, in Economics of War and Peace: Economic, Legal and Political Perspectives, ed. Goldsmith and Brauer, 2010. p. 213-215

Less intuitive is how periods of economic decline may increase the likelihood of external conflict

AND

not featured prominently in the economic-security debate and deserves more attention.

**MLPs solve job creation, and investment, which bolsters the economy**

**Congressional Documents and Publications, 6-7-12**

[US senate documents news release, “Senators Coons, Moran introduce bill to spark investment in renewable energy projects: Sen. Christopher A. Coons (D-DE) News Release.” Accessed online via proquest] /Wyo-MB

Doug Sims, Natural Resources Defense Council: "NRDC strongly endorses the MLP Parity

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would be a significant step toward continued development of clean, renewable energy."

### A2 Pollution Disad

#### Air pollution is high now, coal is main cause of pollution

Zelman, 12

(Joanna Zelman, April 25, 2012, “State Of The Air 2012: American Lung Association Reports Improvements, Challenges,” Huffington Post, <http://www.huffingtonpost.com/2012/04/25/state-of-the-air-2012-american-lung-association_n_1446786.html>, accessed 9-13-12,WYO/JF

More than 127 million Americans -- about 41 percent of the country -- still suffer

AND

-fired power plants play a larger role in contributing to air pollution.

#### Pollution levels high now

Houston Chronicle, 9/11

“Ozone levels prompt air quality alert” <http://www.chron.com/news/houston-texas/article/Ozone-levels-prompt-air-quality-alert-3855792.php>, accessed 9/13/12,WYO/JF

Dangerous ozone levels prompted officials to issue a pollution warning for Houston, Galveston and

AND

during mid day and evening hours or remain in air-conditioned buildings.

#### Coal plants are the main source of emissions

Levy, Orvis and Shaeffer, 12

 (“Net Loss: Comparing the Cost of Pollution vs. the Value of Electricity from 51 Coal-Fired Plants”, Environmental Integrity Project, non-profit/nonpartisan organization working for anti-pollution legislation, Dr. Jonathan Levy, Boston University School of Public Health professor, Robbie Orvis, Environmental Integrity Project Research Analyst, Eric Schaeffer, Executive Director or Environmental Integrity Project, 06-12<http://www.environmentalintegrity.org/news_reports/documents/PowerPlantReport_2012.6.6.Final.pdf>) KH

More than 130 thousand people die every year of heart and lung diseases that result

AND

mortality based on two benchmark studies the Agency has relied upon in rulemaking.

**solar plants displace coal power plants and solve for ghg emssions**

**Ken Zweibel et al, 08**

Ken Zweibel, James Mason and Vasilis Fthenakis met a decade ago while working on life-cycle studies of photovoltaics. Zweibel is president of PrimeStar Solar in Golden, Colo., and for 15 years was manager of the National Renewable Energy Laboratory's Thin-Film PV Partnership. Mason is director of the Solar Energy Campaign and the Hydrogen Research Institute in Farmingdale, N.Y. Fthenakis is head of the Photovoltaic Environmental Research Center at Brook-haven National Laboratory and is a professor in and director of Columbia University's Center for Life Cycle Analysis. “A Solar Grand Plan”, <http://www.nature.com/scientificamerican/journal/v298/n1/full/scientificamerican0108-64.html>, accessed 7-31-12,WYO/JF

The federal government would have to invest more than $400 billion over the next

AND

62 percent below 2005 levels, putting a major brake on global warming.

**Wind energy solves pollution**

**Saidur et al 2011**

(R. Saidur, N.A. Rahim, M.R. Islam, K.H. Solangi, Centre of Research UMPEDAC, University of Malaya, June 2011, “Environmental impact of wind energy,” Renewable and Sustainable Energy Reviews, Volume 15, Issue 5, Pages 2423–2430)

Generally, wind energy has zero direct air pollution. A small amount of CO2

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.5 kW wind turbine still can produce a significant amount of electricity.