# Renewables DA

### Uniqueness

**Transition towards renewables already happening now – incentives are working, costs are declining, and market penetration is happening.**

David **Leonhardt 7/22**/12, Washington bureau chief of The New York Times (http://www.nytimes.com/2012/07/22/sunday-review/a-ray-of-hope-on-climate-change.html?\_r=1)

YOU don’t have to be a climate scientist these days to know that the climate

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in the United States, which would have been unthinkable not long ago.

**US nuclear industry dead – dangers and costs of nuclear power have killed it – this causes a shift towards non-nuclear alternatives.**

Gregg **Levine 9/2**/12, Writer – FireDogLake, http://my.firedoglake.com/gregglevine/2012/09/02/end-of-summer-news-puts-nuclear-renaissance-on-permanent-vacation/

So, there is no nuclear renaissance. There wasn’t one before this summer–

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And the sooner the US can begin a real technological and economic rebirth.

**Nuclear power death empirically causes an alternative energy revival.**

**Gainesville Sun** 3/24/20**12** (The Gainesville Sun, regional news source "Editorial: Nuclear Lessons" [www.gainesville.com/article/20120327/OPINION01/120329736?p=1&tc=pg](http://www.gainesville.com/article/20120327/OPINION01/120329736?p=1&tc=pg))

Nuclear power sucks the oxygen — and financial incentive — out of efforts to develop

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gas, offering utilities a cheaper, less risky alternative to nuclear technology."

**Renewables will dominate the future market – nukes won’t fill in.**

Jim **Harding 8**, Consultant on energy and environmental issues; based in Olympia, Washington. Former director of power planning and forecasting and director of external affairs for Seattle City Light, 35 Ecology L. Currents 53

While the outlook for nuclear power falls well short of what could reasonably be called

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light water reactor technology will be about the same as it is today.

#### Lovins 10 – nuclear power is bad on prolif – inevitable with usage and can’t solve warming

**Renewables are more reliable than nuclear power – net turn to the case.**

Amory **Lovins 8**, November, Rocky Mountain Institute, Ambio, http://www.rmi.org/images/PDFs/Energy/E08-01\_AmbioNuclIlusion.pdf

That is, such a renewable- based power system, even if solar and

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the amount of support they require for the desired reliability of retail service.

### A2 – Solar

#### Her card is specific to solar construction = not the energy itself and it talks about land use and construction being bad but

**No land use – solar can be built on existing structures.**

Randall **Parker,** Professor of Economics at East Carolina University Greenville, 7-24-**07**, “Renewable Energy Seen as Harmful to Environment,” <http://www.futurepundit.com/archives/004416.html>

Ausubel finds fault with solar due to land area usage. But if photovoltaics were

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photovoltaics and then only put photovoltaics on human structures and get enough energy.

**Solar reduces land use.**

Ron **Bengtson**, founder and director of American Energy Independence, **8**, “America’s Solar Energy Potential,” http://209.85.215.104/search?q=cache:BQhsE0XXQeEJ:www.americanenergyindependence.com/solarenergy.html+solar+energy+land&hl=en&ct=clnk&cd=1&gl=us

All of California's electricity can be produced from 200 square miles of sunshine; 128

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, where the sun’s energy does nothing more than heat rocks and sand everyday

# Politics

## A2: Addon

**Any risk of extinction outweighs because it makes space colonization impossible**

**Bostrom, 03** (Nick, professor of philosophy at Oxford University, director of the Future of Humanity Institute, Ph.D. from the London School of Economics. “Astronomical Waste: The Opportunity Cost of Delayed Technological Development” http://www.nickbostrom.com/astronomical/waste.pdf)

In light of the above discussion, it may seem as if a utilitarian ought

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aggregate utility!” can be simplified to the maxim “Minimize existential risk!”.

**Space exploration not needed to prevent extinction.**

**Kazan** 10-1-**09** Casey Kazan is an editor on the Daily Galaxy- Outskirts Press [“Space Colonization: Future or Fansty?” http://www.dailygalaxy.com/my\_weblog/2009/10/space-colonization-human-species-future-or-fanatsy.html]

Humans have always been fascinated by the idea of space travel. Some even believe

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a big can of whoop-ass on an unprimed human immune system."

## Turns Case

**Only scenario for extinction.**

**Bostrom, 2** [Nick Bostrom, professor of philosophy - Oxford University, March, 2002, Existential Risks: Analyzing Human Extinction Scenarios and Related Hazards, Journal of Evolution and Technology, p. http://www.nickbostrom.com/existential/risks.html

A much greater existential risk emerged with the build-up of nuclear arsenals in

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preludes to the existential risks that we will encounter in the 21st century.

**Romney tanks warming policy**

**Wood, 9/6**/12 – AOL Energy (Elisa, “Renewable Energy: More, Less or the Same under Obama or Romney?,”

<http://energy.aol.com/2012/09/06/renewable-energy-more-less-or-the-same-under-obama-or-romney/>)

For renewable energy, the 2012 presidential race reveals the downside of being championed.

President Barack Obama channeled a historic amount of money into green energy in his first

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a more narrow federal role, one where funding goes to basic research.

## Uniqueness Wall

**Extend AP 10/29 – Obama is narrowly winning in swingstate polls that determine the election – prefer our ev because theirs is written from a GOP bias saying “they believe” Romeny will win – our ev cites polls and theirs makes assertions Romney is winning and the campaign sucks without warrants**

**Obama will win now but it will be close.**

MICHAEL D**. SHEAR and** MARK **LANDLER 11/1**, http://www.nytimes.com/2012/11/02/us/politics/after-storm-hiatus-presidential-race-is-back-in-full-swing.html

Mr. Obama enters the last stretch with a slight and consistent — but in

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voters will help him overcome the president’s state-by-state organization.

**Obama will now and Ohio is key – 77.4% chance now.**

Nate **Silver 10/31**, 538, http://fivethirtyeight.blogs.nytimes.com/

Mr. Obama made gains in the FiveThirtyEight forecast on Tuesday, with his chances

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Mr. Obama, did not publish results on account of Hurricane Sandy.

**It will be close but state polls show Obama electoral college victory.**

Nate **Silver 8/30**, 538/Election Guru, http://fivethirtyeight.blogs.nytimes.com/2012/10/30/oct-29-polling-slows-as-storm-wreaks-havoc/#more-36901

President Obama had a mediocre day of polling in the battleground states. In particular

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. Romney’s increasing to 27.1 percent from 25.4 percent.

**Err to evidence from 538 – Nate Silver is a awesome.**

**Leigh Bureau ‘10** the world’s preeminent lecture bureau, “Nate Silver,” http://www.leighbureau.com/speaker.asp?id=498

Nate Silver has been called a "spreadsheet psychic" and "number-crunching

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correctly predicted the presidential winner in 49 states and the District of Columbia.¶

## A2: Obama supports nuclear

#### Card doesn’t say what the aff would do which is building new construction and even if that’s true the GOP would immediately bring attention to NEW facilities

**It assumes squo levels of nuke power – the world of the aff is massively unpopular – how the question is asked is key – prefer our link.**

**Mariotte 12**. [Michael, Executive Director of Nuclear Information and Resource Service, “Nuclear Power and Public Opinion: What the polls say” Daily Kos -- June 5 -- http://www.dailykos.com/story/2012/06/05/1097574/-Nuclear-Power-and-Public-Opinion-What-the-polls-say]

Conclusion 3: On new reactors, how one asks the question matters.¶ Gallup

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33 percent supported building a nuclear power plant in their own local area.”

## Link Debate

#### Extend De Rugy – Fukishimia and safety and costs have brought 64% to believe nuclear power sucks – especially key in places like Ohio where coal and renewable jobs have been talked about

**coal supporters fight tooth and nail against nuclear energy expansion**

**Adams, 10/8** (Experience working in nuclear industry for two decades, former submarine engineer officer & host and producer of The Atomic Show Podcast, “Pertaining to Fossil Fuel Industry Fighting Nuclear Using Propaganda,” http://deregulatetheatom.com/2012/10/pertaining-to-fossil-fuel-industry-fighting-nuclear-using-propaganda/

I agree that the Energy Reorganization Act was a coup de grace of antinuclear activism

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will use it for process heat – that gets some naysayers off our backs

**Only a risk of the link – public massively opposed to nuclear expansion and there’s no constituency to lobby for the plan.**

**CSI 12**. [Civil Society Institue, “SURVEY: CONGRESS, WHITE HOUSE FOCUS ON FOSSIL FUELS, NUCLEAR POWER IS OUT OF TOUCH WITH VIEWS OF MAINSTREAM AMERICA” November 3 -- http://www.civilsocietyinstitute.org/media/110311release.cfm]

If Congress thinks it has found a winning issue in trashing wind and solar power

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are actually quite striking findings in the context of the 2012 election campaign."¶

**And they’ll independently spin the plan to stoke fears – misinformation magnifies the link.**

**Dears 12**. [Donn, Energy expert retired from GE Company, President of TSAugust a 501 (C) 3 not for profit corporation “Why Environmentalists Are Wrong About Nuclear Power” June 7 -- http://epaabuse.com/7459/editorials/why-environmentalists-are-wrong-about-nuclear-power/]

**The lack of communications and** the lack of **knowledge** **among** the **people about radiation created fear** – **nameless and unreasonable fear.**¶ **The Fukushima accident has reignited fear** among people **about radiation**. **When a tuna fish off the coast of California was found to have low levels of radiation, it was headlined by the media**. **Those opposing nuclear power have used Fukushima to exploit people’s fear about radiation.**

**Anti-nuclear environmentalist groups take every advantage to protest nuke power – plan sets them off.**

**Gamble 11**. [Jack, nuclear industry engineer, “Antinuclear Activists Will Try to Equate Hiroshima with Fukushima” Nuclear Fissionary -- July 25 -- http://nuclearfissionary.com/2011/07/25/antinuclear-activists-will-try-to-equate-hiroshima-with-fukushima/?utm\_source=feedburner&utm\_medium=feed&utm\_campaign=Feed%3A+NuclearFissionary+%28Nuclear+Fissionary%29]

But that won’t stop the antinuclear fear mongers from writing editorials and planning protests of

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for a living, I suppose there is little standing in your way.

**Obama re-election requires environmentalist support- knows they will stay home if not appeased**

**Schow ‘12** [Ashe, Heritage Action’s Deputy Communications Director, “Pres. Obama continues to pander to environmentalists” Heritage Action for America -- January 9 -- http://heritageaction.com/2012/01/pres-obama-continues-to-pander-to-environmentalists/]

It seems that President Obama is worried about whether or not environmentalists will come out

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he denying them to anyone, especially his friends in the labor unions?

**Environmentalist backlash turns case**

**Mick ’10** (6/19/10 [Jason Daily Tech, Obama Fights For Nuclear, Environmentalists Label Him a Shill http://www.dailytech.com/Obama+Fights+For+Nuclear+Environmentalists+Label+Him+a+Shill/article18781.htm]

Despite these small victories, President Obama's nuclear vision faces many impending obstacles. Despite

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compete with the most expensive forms of nuclear energy, like solar power.

**Link is particularly true on thorium**

**Westenhaus, ‘10** [Brian, OilPrice.com -- Energy News, 9-14, “Thorium: A Cheap, Clean and Safe Alternative to Uranium,” <http://oilprice.com/Energy/Energy-General/Thorium-A-Cheap-Clean-And-Safe-Alternative-To-Uranium.html>]

In the U.S. research pioneers are exploring a truly radical shift to

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but a meeting shifted the minds such that Roosevelt started the Manhattan project.

## A2: No vote switch

#### Not our scenario its all about turnout= that’s our AP 10/29 evidence – immediate response to Obama saying he approved developing thorium reactors would trigger our scenario

**Energy is a key election issue.**

**Skorobogatov 12.** [Yana, intern @ StateImpact Texas – a collaboration of public radio stations focused on environmental and energy issues coordinated by NPR,“Poll: Consumers favor domestic energy production, natural gas” State Impact -- April 10 -- http://stateimpact.npr.org/texas/2012/04/10/poll-consumers-favor-domestic-energy-production-natural-gas/]

Americans will likely **take their views on energy issues to the voting booth** this November, according to a new national poll by The University of Texas at Austin. The survey found that 65 percent of respondents considered energy to be an **important presidential issue**.

**Energy key.**

**Milne 12**. [Brian, DTN refined fuels editor, involved in energy markets for 12+ years as analyst, journalist, and editor, “Ranking in Top 5: Panel sees Energy as Important Issue in Presidential Elections” Televent DTN -- May 18 -- http://www.imakenews.com/eletra/mod\_print\_view.cfm?this\_id=2436084&u=dhaugh&show\_issue\_date=F&issue\_id=000592003&lid=b11&uid=0&XXDESXXpower=F]

“Nothing galvanizes the American mind than $4.00, $4.

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said Book, and that’s why energy is an issue in this election.

### A2: Impact D

**Romney will react in line with campaign rhetoric and Russia will react aggressively**

**Adomanis 10/23**/12 (Mark, international contributor @ Forbes, “How Will Mitt Romney Demonstrate 'Backbone' With Vladimir Putin?” http://www.forbes.com/sites/markadomanis/2012/10/23/how-will-mitt-romney-demonstrate-backbone-with-vladimir-putin/)

Now because the debate was poorly run there wasn’t any follow-up on Romney’s

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Distribution Network in the face of aggressive attempts to weaken and marginalize it.

**It’s his genuine beliefs – causes Russia to respond the same way**

**CIS Newswire 10/11**/12 (“Romney does not learn from Bush Jr. mistakes - State Duma's Pushkov” Russia & CIS General Newswire)

State Duma Foreign Relations Committee Chairman Alexei Pushkov has called strongly anti-Russian the

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much to the Americans and all of us," the Russian parliamentarian added.