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# Solvency

## Government support is vital- overcomes financial barriers the market can’t

**Yanosek, Stanford entrepreneur in residence, 12**

(Kassia, “Financing Nuclear Power in the US”, energyclub.stanford.edu/index.php/Journal/Financing\_Nuclear\_Power\_by\_Kassia\_Yanosek, DOA: 11-2-12, ldg)

Over the course of the last decade, it … in the 2005 Energy Policy Act.

# Prolif

## SMRs are safe – passive cooling, less materials, no meltdown risk

Szondy, former university lecturer in history and archeology, 12

(David, award winning freelance writer for Gizmag, a science magazine, February 16, 2012, “Feature: Small modular nuclear reactors - the future of energy?” http://www.gizmag.com/small-modular-nuclear-reactors/20860/, 6/3/12, atl)

SMRs also enjoy a good … the operation of the others.

## IAEA underfunded now

**Reuters, 12**

(August 13, 2012, “IAEA cash gap may hinder nuke role, report says”, http://www.jpost.com/IranianThreat/News/Article.aspx?id=273708, 10/19/12, atl)

The United Nations' nuclear … Western member states on a voluntary basis.

## SMRs are inevitable – China developing them now; there’s only a risk that US development solves the DA because we make SMRs safer and easier for the IAEA to inspect

## He’s a loser

**Barton, 10**

(Charles, frmr PhD Candidate in History, MA in Philsophy, worked on the LFTR concept for about 2/3eds of his ORNL career and recognized by nuclear bloggers most of whom have technical training, and has been mentioned by the Wall Street Journal, October 2, 2010, “Arjun Makhijani and the Modular Small Reactor null-hypothesis”, http://nucleargreen.blogspot.com/2010/10/arjun-makhijani-and-modular-small.html, 10/19/12, atl)

Arjun Makhijani (with Michele Boyd) has … **reasoning,** Makhijani's fact sheet rates an F.

# Manufacturing

## Politicians will cling to hegemony no matter what

**Calleo, SAIS European Studies professor, 2010**

(David, “American Decline Revisited,” Survival, 52:4, 215 – 227, ebsco, ldg)

The history of the past two decades suggests … threatens the world with inflation.

# CP – Free Market

## Free market fails – federal support is key

**Wilson, Southern Alliance for Clean Energy director of research, 11**

(John. “Energy Subsidies in a Free Market.” 12-17. <http://theenergycollective.com/johnwilson/69594/energy-subsidies-free-market>. Accessed: 10/02/2012. ADC)

Bob Inglis’ call to “simultaneously eliminat[e] all … are needed, but they won’t be necessary.”

# Politics

# DA Answers – Politics

## Winners win- presidents can build capital and transfers between domestic and foreign policies

Marshall and Prins, political science associate professors, 11

(Bryan W., associate professor of political science at Miami University; and Brandon C., associate professor of political science at the University of Tennessee & Howard H. Baker, Jr. Center for Public Policy, "Power or Posturing? Policy Availability and Congressional Influence on U.S. Presidential Decisions to Use Force," Presidential Studies Quarterly Volume 41, Issue 3, September 2011, Wiley Online Library, accessed 1-4-13, mtf)

Presidents rely heavily on … political capital at home (Fordham 2002).

## \*Logical policymaker could do the plan and vote for \_\_\_\_\_\_\_\_\_

## \*Vote no still triggers the links – people will have already polarized

**\*SMRs are bipartisan – DOE programs prove**

**Domenici and Miller, Co-chairs of BPC Nuclear Initiative, 12**

(Pete and Warren, Senator, BPC senior fellow, and Former Assistant Secretary for Nuclear Energy, U.S. Department of Energy, “Maintaining U.S. Leadership in Global Nuclear Energy Markets: A Report of the Bipartisan Policy Center’s Nuclear Initiative,” July 2012, Bipartisan Policy Center, page 20, da 8-18-12, <http://bipartisanpolicy.org/sites/default/files/Leadership%20in%20Nuclear%20Energy%20Markets.pdf>, mee)

Strategic Goal: Historically, the United … development, and deployment (RD&D) programs.

## Opponents are disorganized- nuclear industry empirically controls the messaging battle

Squassoni, CSIS Senior Fellow, 12

(Sharon, Director and Senior Fellow, Proliferation Prevention Program at Center for Strategic and International Studies, former senior assoc. at Nuclear Nonproliferation Program at Carnegie, former Congressional adviser as senior specialist in weapons of mass destruction at the Congressional Research Service, “Nuclear Power in the Global Energy Portfolio” in the report: The Future of Nuclear Power in the United States, Federation of American Scientists, February 2012, http://www.fas.org/pubs/\_docs/Nuclear\_Energy\_Report-lowres.pdf, accessed 9-30-12, mtf)

Concerns about contamination of the … poll conducted about a week after Fukushima.18

## Biden key to immigration- looking to gain Hispanic support for 2016 election

[Killough](http://politicalticker.blogs.cnn.com/tag/cnns-ashley-killough/), CNN reporter, 1-3

(Ashley, “[Biden: Republicans had 'epiphany' on immigration](http://politicalticker.blogs.cnn.com/2013/01/03/biden-republicans-had-epiphany-on-immigration/),” 1-3-13, CNN, da 1-3-13, <http://politicalticker.blogs.cnn.com/2013/01/03/biden-republicans-had-epiphany-on-immigration/>, mee)

Vice President Joe Biden said Republicans have … will not win. You will not win."

## Bottom of the docket

**Munro, The Daily Caller staff writer, 12**

(Neil. “Obama promises new immigration plan but keeps endgame close to his vest.” 12-31. <http://dailycaller.com/2012/12/31/obama-promises-new-immigration-plan-but-keeps-endgame-close-to-his-vest/>. Accessed: 1/3/2013. ADC)

However, Obama’s language suggested that …“rebuilding our infrastructure, which is broken.”

# Elec Prices

## Electricity increasing now

Kevin, Sunrun Agreement Transfer Team member, 9-4-12

(“Moodys Predicts Inflection Point in Reaction to Rising Electric Rates”, <http://www.sunrunhome.com/blog/moodys-predicts-inflection-point-in-reaction-to-rising-electric-rates/>, DOA: 11-7-12, ldg)

According to several recent studies by Moody’s … increasingly intolerant of absorbing electric rate increases.

**SMRs straight turn the entire DA**

**Whitman, EPA Former Administrator, 12**

(Christine, 5/9/12, “It's dangerous to depend on natural gas”, tech.fortune.cnn.com/2012/05/09/christine-whitman-nuclear-energy/, 9//25/12, atl)

The United States needs an "all of the … **sustainable portfolio of energy resources.**

**SMRs won’t directly tradeoff BUT provide reliable backup power to inevitable NG price spikes**

**McNelis, UNC-Chapel Hill Institute for the Environment Center for Sustainable Energy, Environment and Economic Development Director, 12**

(David, 6/24/12, “Safe Power from Small Reactors”, http://www.newsobserver.com/2011/06/24/1295895/safer-power-from-smaller-reactors.html, 9/26/12, atl)

CHAPEL HILL -- Efforts to promote energy … be considered for use in the United States

# Capital DA

## SMRs create a paradigm shift to decentralized grid

Kessides & Kuznetsov, World Bank Economist, 12

(Ioannis N, Lead Economist in the World Bank's Development Research Group, M.A. degrees in Physics and Plasma Physics form Caltech and Princeton, and a Ph.D. in Economics from Princeton, and Vladimir, “Small Modular Reactors for Enhancing Energy Security in Developing Countries,” 8-14-12, http://www.mdpi.com/2071-1050/4/8/1806, accessed 9-6-12, ara)

One potential solution might be to downsize … resistance, and reduced financial risk.

## SMRs key to decentralizing the grid – causes shift to localized power

Loudermilk, Energy & Environmental Security Policy Research Associate, National Defense University, 11

(Micah, Master degree in International Relations from the University of Akron, “Small Nuclear Reactors and US Energy Security: Concepts, Capabilities, and Costs,” 5-31-11, http://www.ensec.org/index.php?option=com\_content&view=article&id=314:small-nuclear-reactors-and-us-energy-security-concepts-capabilities-and-costs&catid=116:content0411&Itemid=375, published by the *Journal of Energy Security*, accessed 8-12-12, ara)

Lastly, and often ignored, is the ability … the smart grid to become a reality.

# Renewables T/O

## No tradeoff – renewables can’t solve, tradeoff is with fossil fuels, and SMRs solves the impacts

Loudermilk, Energy & Environmental Security Policy Research Associate, National Defense University, 11

(Micah, Master degree in International Relations from the University of Akron, “Small Nuclear Reactors and US Energy Security: Concepts, Capabilities, and Costs,” 5-31-11, http://www.ensec.org/index.php?option=com\_content&view=article&id=314:small-nuclear-reactors-and-us-energy-security-concepts-capabilities-and-costs&catid=116:content0411&Itemid=375, published by the *Journal of Energy Security*, accessed 8-12-12, ara)

When discussing the energy security …of the nation’s nuclear energy portfolio.

**Large-scale nuclear power transition solves warming – assumes resource and time restraints**

**Knapp et al., University of Zagreb professor, 10**

(Vladimir Knapp, Dubravko Pevec, and Mario Matijević, Faculty of Electrical Engineering and Computing, Department of Applied Physics, University of Zagreb in Croatia, "The potential of fission nuclear power in resolving global climate change under the constraints of nuclear fuel resources and once-through fuel cycles," Energy Policy Volume 38, Issue 11, November 2010, Science Direct, accessed 8-22-12, mtf)

In this study, we have investigated the … and for public acceptance of nuclear energy.

## Nuclear is not zero-sum with renewables

**Mariotte et al, Council on Foreign Relations Nuclear Information and Resource Service executive director, 07**

(Michael. “Nuclear Power in Response to Climate Change.” 11-09. <http://www.cfr.org/energy/nuclear-power-response-climate-change/p14718>. Accessed: 10/02/2012. ADC)

So it’s a complete myth that Michael’s preferred …clean energy is cause for hope.

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# Solvency

## No shortage–most qualified ev

NEI, 12

(Nuclear Energy Institute, "Myths & Facts," June 2012, http://www.nei.org/resourcesandstats/documentlibrary/reliableandaffordableenergy/factsheet/myths--facts-about-nuclear-energy-january-2012/, accessed 9-29-12, mtf)

Fact: Readily available uranium … study “The Future of the Nuclear Fuel Cycle.”

# Electricity DA

## Electricity set to rise

EIA 11-6-12

(Energy Information Administration, “U.S. Electricity Consumption”, <http://www.eia.gov/forecasts/steo/report/electricity.cfm>, DOA: 11-7-12, ldg)

EIA expects the nominal U.S. residential electricity price will rise by just 0.1 percent during 2012, which would be the smallest year-over-year increase in ten years. Residential prices during 2013 are projected to rise by 1.5 percent to an average of 11.98 cents per kilowatthour.

## Nuclear provides cheap electricity

Tverberg, Oil Drum editor, 2012

(Gail, “The Modern World of Nuclear Generated Electricity”, 8-16, <http://oilprice.com/Alternative-Energy/Nuclear-Power/The-Modern-World-of-Nuclear-Generated-Electricity.html>, DOA: 11-7-12, ldg)

Nuclear Electric Plants that are “Paid for” Generate Electricity Very Cheaply Nuclear power plants for which the capital costs are already “sunk” are very inexpensive to operate, with operating costs estimated at 2 cents per kilowatt-hour (kWh). Any kind of change away from nuclear is likely to require the substitution of more expensive generation of some other type. The electrical rates in place today in Europe and the United States today take into account the favorable cost structure for nuclear, and thus help keep electrical rates low, especially for commercial users (since they usually get the best rates).