**Theory:**

#### The plan simply speeds up the process – it’s all a regulation

MCEC 10

[Mass Clean Energy Center, MassCEC’s Guide to Airspace Issues in Wind Turbine Siting, [http://www.masscec.com/masscec/file/Airspace%20Issues%20Page\_Final.pdf]jap](http://www.masscec.com/masscec/file/Airspace%20Issues%20Page_Final.pdf%5djap)

Wind turbine projects … to be a hazard.

#### Altitude requirements are under regulations

Levitan, Sept 24, 2012

(Dave, High-Altitude Wind Energy: Huge Potential — And Hurdles, http://e360.yale.edu/feature/high\_altitude\_wind\_energy\_huge\_potential\_and\_hurdles/2576/)

Outside of R&D … the best approach.

#### FAA rules are regulations

MacCleery, Jan. 2011

(Brian, The Advent of Airborne Wind Power, http://windsystemsmag.com/article/detail/187/the-advent-of-airborne-wind-power)

Harnessing high-altitude … cell phone towers.

#### All of their solvency advocates agree - regulations

Inman, Sept 9, 2012

(Mason, Energy High in the Sky: EXPERT PERSPECTIVES on Airborne Wind Energy Systems, www.nearzero.org/reports/AirborneWind/pdf)

Although there are … to commercial stage.

**Regulation is how you go about doing the thing, restriction is whether or not you can do it**

**Schackleford 17**, justice – Supreme Court of Florida, 3/12 (J., “ATLANTIC COAST LINE RAILROAD COMPANY, A CORPORATION, *et al., Plaintiff in Error,* v. THE STATE OF FLORIDA, *Defendant in Error,”* 73 Fla. 609; 74 So. 595; 1917 Fla. LEXIS 487)

There would seem …erection of a union depot.

#### =

#### D. A precise definition is key to avoid this explosion

Sinha 6http://www.indiankanoon.org/doc/437310/ Supreme Court of India Union Of India & Ors vs M/S. Asian Food Industries on 7 November, 2006 Author: S.B. Sinha Bench: S Sinha, Mark, E Katju CASE NO.: Writ Petition (civil) 4695 of 2006 PETITIONER: Union of India & Ors. RESPONDENT: M/s. Asian Food Industries DATE OF JUDGMENT: 07/11/2006 BENCH: S.B. Sinha & Markandey Katju JUDGMENT: J U D G M E N T [Arising out of S.L.P. (Civil) No. 17008 of 2006] WITH CIVIL APPEAL NO. 4696 OF 2006 [Arising out of S.L.P. (Civil) No. 17558 of 2006] S.B. SINHA, J :

We may, however, … out that effect."

**2. That’s FIVE MILLION research hours**

**Tugwell 88** The Energy Crisis and the American Political Economy: Politics and Markets in the Management of Natural Resources Previously, Dr. Tugwell was the executive director of the Heinz Endowments of Pittsburgh, the founder and president of the Environment Enterprises Assistance Fund, and as a senior consultant for International Projects and Programs at PG&E Enterprises. He served as a deputy assistant administrator at USAID (1980-1981) and as a senior analyst for the energy program at the U.S. Office of Technology Assessment (1979-1980). Dr. Tugwell was also a professor at Pomona College and an adjunct distinguished professor at the Heinz School of Carnegie Mellon University. Additionally, he serves on the Advisory Board and International Committee of the American Council on Renewable Energy and on the Joint Board of Councilors of the China-U.S. Center for Sustainable Development. He also serves on the Board of Eucord (European Cooperative for International Development). Dr. Tugwell received a PhD in political science from Columbia University.

Finally, administering **…** from 1974 to 1980.^

**3. All energy regulation is too big – it’s torture**

**Edwards 80** JUDGES: Before EDWARDS, LEAR and WATKINS, JJ. OPINION BY: EDWARDS AYOU BOUILLON CORPORATION, ET AL. v. ATLANTIC RICHFIELD COMPANY

No. 13229 Court of Appeal of Louisiana, First Circuit 385 So. 2d 834; 1980 La. App. LEXIS 3972; 67 Oil & Gas Rep. 240 May 5, 1980 PRIOR HISTORY: [\*\*1] ON APPEAL FROM THE 18TH JUDICIAL DISTRICT COURT, PARISH OF IBERVILLE, HONORABLE EDWARD N. ENGOLIO, JUDGE.

Comprehending the applicability … **Court** of Appeals.

**4. Cracks THE CURRICULUM – too much MATERIAL to do it all**

**Stafford 83** <http://felj.org/elj/Energy%20Journals/Vol6_No2_1985_Book_Review2.pdf> Associate, Ross, Marsh & Foster, Washington, D.C. The assistance of David L. Wallace, a third year student at the Georgetown University Law Center, in the preparation of this review is greatly appreciated.

**FEDERAL REGULATION OF …** decisions in a single work.

**5. Causes bidirectionality**

**McKie 84** Professor James W. McKie, distinguished member of the economics department at The University of Texas at Austin for many years McKie, J W Annual Review of Environment and Resource , Volume 9 (1) Annual Reviews – Nov 1, 1984

THE MULTIPLE PURPOSES … confusing or disappointing.

# Military

China rise will be peaceful

1. economic interdependence, globalization makes china possible to be peaveful.

#### 2. harmony in past three decades prove

**Buzan, London School of Economics International Relations Professor, 10**

(Barry, Ph.D. London School of Econ, honorary professor at Copenhagen and Jilin Universities, “China in International Society: Is ‘Peaceful Rise’ Possible?” Chinese Journal of International Politics vol.3, <http://cjip.oxfordjournals.org/content/3/1/5.full.pdf>,

Summing up, one can … export-led growth.

#### 3. defensive military policy

**Chen, China State Council Information Office Director, 10**

(Wang, “A Vision of China's Peaceful Development and World Harmony,” China News and Report, 11-30, <http://www.china.org.cn/report/2010-11/30/content_21451861.htm>,

China has been a participant … peace and prosperity.

#### 4. Harmonic ideology

**Bijian, China Reform Forum Chair, 5**

(Zheng, Executive Vice-President of the Party School of the CPC Central Committee, “Ten Views on China’s Development Road of Peaceful Rise and Sino European Relations,” Real Instituto Elcano, 12-14, <http://www.realinstitutoelcano.org/wps/portal/rielcano_eng/Content?WCM_GLOBAL_CONTEXT=/elcano/elcano_in/zonas_in/0000>,

Fourth, China’s peaceful … domestic and foreign policies.

#### 5. Domestic factors

**Bijian, China Reform Forum Chair, 5**

(Zheng, Executive Vice-President of the Party School of the CPC Central Committee, “China's "Peaceful Rise" to Great-Power Status,” Foreign Affairs, Sept/Oct, Academic Search Complete,

Indeed, China has achieved … respective world averages.

China democracy turn

**China isn’t spending on ASAT**

Moravcsik, Newseek, 08

(Andrew, Professor of politics at Princeton, "Washington Cries Wolf", http://www.princeton.edu/~amoravcs/library/wolf.pdf,

The U.S. Defense …don't earn enough:'

**No risk of accidents or miscalc-hotline solves**

Washington Post, 11-6-07

(“China and U.S. To Establish Military Hotline,” http://www.washingtonpost.com/wp-dyn/content/article/2007/11/05/AR2007110500102.html)

China and the United States … at all levels."

**Alt Causes to submarine deployment**

**Taiwan**

**Erickson et. al, professor China Maritime Studies Institute, 2009**

(Andrew, “An Undersea Deterrent?”, Proceedings Magazine, June 2009 Vol. 135/6/1,276, http://www.usni.org/magazines/proceedings/story.asp?STORY\_ID=1907,

For more than … might be difficult.

**International prestige**

**Erickson et. al, professor China Maritime Studies Institute, 2009**

(Andrew, “An Undersea Deterrent?”, Proceedings Magazine, June 2009 Vol. 135/6/1,276, http://www.usni.org/magazines/proceedings/story.asp?STORY\_ID=1907,

Yet another … a "great power."15

**Interservice politics**

**Erickson et. al, professor China Maritime Studies Institute, 2009**

(Andrew, “An Undersea Deterrent?”, Proceedings Magazine, June 2009 Vol. 135/6/1,276, http://www.usni.org/magazines/proceedings/story.asp?STORY\_ID=1907,

Another possible … of defense spending

# Space

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**Their ONLY two AWE solvency cards are terrible:**

**1. Winslow evidence says the power produced on mars might be capable, but it would get that much energy**

**2. The Hausser evidence says that current AWE tech would work – nowhere does this evidence delineate that added research is key – squo tech solves**

**Life systems don’t have to be that sophisticated**

Their author (Dirk Schulze-Makuch, Ph.D., School of Earth and Environmental Sciences, Washington State University and Paul Davies, Ph.D., Beyond Center, Arizona State University, “To Boldly Go: A One-Way Human Mission to Mars”, http:~/~/journalofcosmology.com/html(% style="font-size:8.0pt;mso-bidi-font-size:11.0pt" %))

3.2. Establishing an … one-way missions.

# Solvency

**Balloon systems fail**

Inman, Sept 9, 2012

(Mason, Energy High in the Sky: EXPERT PERSPECTIVES on Airborne Wind Energy Systems, www.nearzero.org/reports/AirborneWind/pdf)

Balloons were the …document their problems.”

**They only eliminate one of the barriers to AWE. Their first piece of evidence outlines five other regulations**

**1. Mobile ground facilities**

**2. Only temporary testing is allowed**

**3. No Multiple tests i.e. farms**

**4. Daylight testing only**

**5. Made conspicuous to the flying public**

**Hold them to a high standard – their plan text says they reduce airspace restrictions between 500 and 2000 feet. All of the above restrictions only apply to 499 feet and above, because the height restriction is an a priori preclusion. That means the only current restriction they are capable of eliminating is the height restriction.**

**Google solves**

Bauer, Sept 13, 2011

(Chris, QUEST, Airbourne Wind Energy, http://science.kqed.org/quest/video/airborne-wind-energy/)

It may seem pie-in… flying machines.

**US companies can just test outside of the US – solves case**

**Airborne Wind power is purely theoretical, not economical or environmental feasible**

Cassimally, Sept, 11, 2012

(Khalil, Forget Aeolians, We Need Airborne Wind Farms To Harness Maximum Wind Energy, http://www.nature.com/scitable/blog/labcoat-life/forget\_aeolians\_we\_need\_airborne)

While it is attractive … global geophysical limits."

**Reliability will doom airborne wind**

Inman, Sept 9, 2012

(Mason, Energy High in the Sky: EXPERT PERSPECTIVES on Airborne Wind Energy Systems, www.nearzero.org/reports/AirborneWind/pdf)

The most significant … weight and/or cost.

**NASA solves - they don’t have to deal with FAA’s regulatory burdens**

Hodges, Dec, 10, 2010

(Jim, An Answer to Green Energy Could Be in the Air, http://www.nasa.gov/topics/technology/features/capturingwind.html)

So why isn't it …the requirements well."

**Funding solves**

Inman, Sept 9, 2012

(Mason, Energy High in the Sky: EXPERT PERSPECTIVES on Airborne Wind Energy Systems, www.nearzero.org/reports/AirborneWind/pdf)

While there were … the coming decade.

**Airborne Wind will take more than a decade to produce power**

Levitan, Sept 24, 2012

(Dave, High-Altitude Wind Energy: Huge Potential — And Hurdles, http://e360.yale.edu/feature/high\_altitude\_wind\_energy\_huge\_potential\_and\_hurdles/2576/)

But Caldeira and … and development support.

**We can just buy the tech from Germany – they have it**

Inman, Sept 9, 2012

(Mason, Energy High in the Sky: EXPERT PERSPECTIVES on Airborne Wind Energy Systems, www.nearzero.org/reports/AirborneWind/pdf)

Another approach transmits … known as “kytoons.”