



# 2004 Annual Report

ENVIRONMENTAL AND ENERGY STUDY INSTITUTE

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## Energy and Climate

This year, energy and climate change policy were once more on the Congressional agenda, but again to no avail. While there was consensus for several renewable energy and efficiency provisions, the lack of a final energy bill impacted the critical Renewable Production Tax Credit (PTC), which expired December 31, 2003. Attempts to move a PTC extension through other means were slow, resulting in over \$2 billion of stalled projects and the loss of many jobs.

### Policy Development and Advocacy

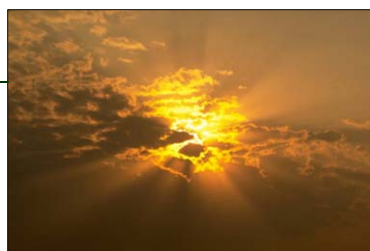
The PTC was finally extended in October, attached to the American Jobs Creation Act.

Originally beneficial only to wind and closed-loop biomass, the expanded PTC now covers

geothermal, solar and “open-loop” biomass, such as crop residues and wood waste. However, the credit was extended only through the end of 2005, requiring yet another extension to prevent a recurring “boom or bust” scenario.

We made significant gains in building support for renewable energy and efficiency

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*“Thanks so much for keeping us up to date on what’s happening!! You’re amazing!!”*  
– Jane R. Schaefer, RN, MPH

## Agriculture and Renewable Energy

Effective implementation and adequate funding for the renewable energy/efficiency program in the 2002 Farm Bill (Sec. 9002, 9006, 9006 and 6401) continued to be a major focus of EESI in 2004 – and for good reason. According to U.S. Department of Agriculture (USDA) data, the economic and environmental benefits of the 113 clean energy (renewable or efficiency) projects that received grant awards in FY03 include more than \$130 million in lifetime energy

cost savings, 270 gigawatt-hours of lifetime generation or savings, and the creation of nearly 240 full-time jobs. FY04 and FY05 programs likely will achieve similar benefits.

### Policy Development and Advocacy

As in previous years, the Administration’s FY05 budget request gutted Farm Bill Sec. 9006 (renewable energy/efficiency grant/

*(Continued on page 4)*

## Transportation

A major EESI focus was the reauthorization of the Transportation Equity Act for the 21<sup>st</sup> Century (TEA-21), the six-year surface transportation bill that provides federal funding for highway and transit projects. Reauthorization suffered numerous extensions (the final extension lasts until May 31, 2005) and has been fraught with disagreements over funding levels.

### Policy Development and Advocacy

During the TEA-21 debate, EESI defended both the Congestion Mitigation and Air Quality Improvement Program (CMAQ) and the Clean Fuels Formula Grant Program. CMAQ is the largest source of federal funding for clean vehicle deployment, authorized at an annual average of \$1.35

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# Smart Growth

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*“Thank you for sharing the information ... Indian Country is trying to respond appropriately to the opportunities in energy, but the challenges are incredible... Progress is being made though and you and I are part of the process. Let me ... again thank you for your timely and helpful response. Keep up the good work, we all need and appreciate it.”*

—Ron Cornish,  
Executive Director,  
Native  
Development



“Energy smart” smart growth continues to be a small but integral part of EESI’s work on renewable energy, efficiency and transportation.

## **Policymaker Education**

In spring, EESI’s long awaited *Energy and Smart Growth: It’s about How and Where We Build*, commissioned by the Funders’

Network for Smart Growth and Livable Communities, was published. This landmark paper examines the connections between smart growth, energy and global climate change and has been very well received. EESI played a pivotal role in bringing the energy issue to the attention of the Funders’ Network and working with them to gain the

*(Continued on page 7)*

# From the Executive Director

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The year 2004 was marked by the federal energy, climate change and transportation policy debates continuing without resolve. The country’s current focus on national security makes the situation particularly ironic given that reducing our dependence on imported petroleum will improve our national and energy security. We pay a price for our energy choices. Our challenge is to help decision-makers and the public weigh the **full** price – to our public health, national security, economy, trade deficit, changing climate and environment – of those choices. The opportunity is upon us to redirect our energy path from damaging fossil fuels and towards a sustainable, clean energy future. We must meet that challenge.

The work outlined in this report demonstrates how EESI is pursuing its long-term goals of developing leadership, policy initiatives and the broad-based support necessary to address climate change, transportation, agriculture and sustainable communities. We employ a successful multi-pronged strategy of policymaker education, coalition building/ networking, and policy development. EESI’s comprehensive, well-grounded approach capitalizes on our strong relationship with Congress, as well as our expansive network of diverse stakeholders who are located all across the country. This year, once again, EESI spearheaded the successful effort to save the critical Renewable Energy and Energy Efficiency Grants Program of the 2002 Farm Bill. EESI organized 17 Congressional briefings and forums, wrote numerous publications, served and expanded

our networks and coalitions, and in dozens of other ways worked at the nexus of policy and innovation to promote sustainable societies.

- **Energy/Climate Change** – Effective climate change policies can decrease global warming while bringing the environmental, economic development and public health benefits of renewable energy and efficiency technologies to society. EESI advocates policies that promote the production and use of energy efficient and sustainable energy technologies and their climate change benefits. Energy efficiency and renewable energy must become cornerstones of national and state energy policy.

- **Agriculture/ Energy** – Renewable energy can be the new cash crop of the 21<sup>st</sup> century. To reap environmental, economic, and public health societal benefits, EESI promotes America’s farms as producers of renewable energy (e.g. wind, solar, geothermal and biomass), fuels (ethanol and biodiesel), and biobased products (solvents, lubricants, building materials).

- **Transportation** – “Clean” vehicles and public transit can reduce U.S. oil imports and decrease pollution. EESI advocates advanced vehicle technologies (like hybrids) and cleaner, renewable fuels (e.g., ethanol and biodiesel), which cut air pollution, greenhouse gas emissions, and oil use.

- **Smart Growth** – Sustainable community development combats urban sprawl. EESI stresses the interconnections between transportation, energy, land use, urban public health, and the environment.

# Energy and Climate

*(Continued from page 1)*

provisions including: a Renewable Portfolio Standard (RPS), Renewable Fuels Standard (RFS), interconnection/net metering provisions, a Renewable Resource Assessment (for which EESI was directly responsible), a federal public benefits fund; energy efficiency appliance standards; auto fuel economy and oil savings measures, combined heat and power, federal green power/fuel purchase requirements, a package of efficiency standards and efficiency technology tax incentives, Federal Energy Management Program upgrades (including federal agency renewable power purchase requirements), and a Renewable Production Tax Credit extension. Several of these provisions were included in the energy legislation. We expect to build on this success when the 109<sup>th</sup> Congress revisits the energy debate.

The Administration's proposed FY05 budget once again contained a \$23 million cut (from last year's appropriated levels) in renewable energy investments and key efficiency programs, particularly in industrial efficiency. With the country facing widespread manufacturing job losses and the high cost of natural gas, the industrial efficiency cuts seemed particularly shortsighted. EESI worked on several "Dear Colleague" letters to garner Congressional support for stronger renewable/efficiency budgets at the Department of Energy (DOE) and Environmental Protection Agency (EPA). EESI, with our Sustainable Energy Coalition (SEC) partners, worked to craft recommendations and ensure that Congressional leaders understood the impact of the proposed cuts. EESI also drafted questions for Members of Congress for several hearings focused on the budget requests for DOE's energy efficiency/renewable energy programs.

Another major EESI focus of 2004 was the Climate Stewardship Act (CSA). Representatives John Olver (D-MA) and Wayne Gilchrest (R-MD) introduced the House companion to the McCain-Lieberman bill carefully balanced with 10 co-sponsors

from each party. The CSA (HR. 4067) ultimately gained a total of 85 co-sponsors. EESI was part of a working group to build support and awareness around the proposal. We also drafted a "Dear Colleague" as well as a floor statement for Rep. Olver regarding the Mayors' Statement on Climate Change which had been signed by 153 mayors.

EESI, along with others, made a flurry of after-hours phone calls to key people in response to a last-minute amendment submitted in October by Sen. John Warner to the Defense Authorization Bill, which would have dealt a blow to US offshore wind-based renewable energy initiatives. The amendment was subsequently withdrawn. On a good note, the enacted bill included a three-year extension of Energy Savings Performance Contract authority, including water efficiency, thereby improving energy and water efficiency in federal buildings and saving taxpayer dollars.

## **Policymaker Education**

Several of EESI's Congressional briefings were designed to support the variety of renewable energy, efficiency and climate change policy options being considered. (See page 10 for a full list.) EESI organized a series of six briefings on climate change beginning with a June 3<sup>rd</sup> briefing in which Rep. Olver and Rep. Gilchrest, among others, spoke about their bill. We addressed leading-edge issues such as abrupt climate change and the long-term effects of climate change after 2100 as well as how different sectors, such as business and local government, are addressing global warming. Other topics included the renewable energy budget, the energy efficiency budget, jobs, and manufacturing efficiency R&D.

The results of the intergovernmental Arctic Climate Impact Assessment (ACIA), released in November, provided another educational opportunity for EESI and served as a valuable addition to the mounting evidence of global warming. It concluded



*"I've appreciated receiving the periodic emails from EESI. I get lots of emails each day and some I hardly look at, but I always take the time to look through the ESSI emails. There's much good, timely information in them." - Ted Glick, Co-founder, Climate Crisis Coalition*

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# Agriculture and Renewable Energy

**“We just won, in large part thanks to your [EESI] efforts.”**

- a senior committee staff member, after the success in restoring Farm Bill Sec. 9006 funding.

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loan program) and Sec. 6401 (designed to spur new uses for agricultural products, including renewable energy). In spring, EESI worked on a Sustainable Agriculture Coalition letter seeking funding restoration for Sec. 6401, to which 19 organizations signed-on. In July, EESI worked with Rep. Marcy Kaptur’s (D-OH) office on an amendment to successfully restore the full \$23 million to Sec. 9006 of the 2002 Farm Bill in the Agriculture Appropriations bill. Under EESI’s leadership, 16 Senators and 34 House Members signed letters to their respective Appropriations Committees. EESI also organized a broad-based coalition letter, signed by 51 agricultural, environmental, and economic development organizations asking House and Senate appropriators to restore funding for Sec. 9006. We were pleased when a senior committee staffer said after the success in restoring Sec. 9006 funding, **“We just won, in large part thanks to your [EESI] efforts.”**

Biofuels continue to be a significant interest and focus of EESI’s agriculture and energy work. EESI has supported the Renewable Fuels Standard (RFS), which would require production of 5 billion gallons of renewable fuels (i.e., ethanol and biodiesel) by 2012 and includes an incentive for cellulosic ethanol. The RFS is a vital step toward ensuring biofuels a foothold in the transportation fuels market and a way to reduce greenhouse gas emissions and oil consumption. EESI helped gain the support of the Sustainable Energy Coalition for the RFS. EESI is the only environmental organization in the national RFS agricultural coalition. The fall 2004 tax bill contained biofuel (biodiesel and ethanol) blender tax incentives. The bill amended and extended the alternative fuel excise tax credits so that the ethanol and biodiesel excise tax credits will not result in a loss of funds to the Highway Trust Fund. Instead, impacts will be offset through the Treasury.

In regulatory action, EESI successfully

pressured USDA to extend the comment period for their Sec. 9006 proposed rule. We collected input from our network, invited sign-ons to our comments and encouraged individual submissions. Our final comments were submitted in association with the New Uses Council, Harvesting Clean Energy Network, National Rural Electric Cooperatives Association, National Association of State Energy Offices, and Northwest Sustainable Energy and Economic Development among others.

## **Policymaker Education**

EESI organized two events, a Congressional briefing reflecting on the successes and challenges of renewable energy programs in the 2002 Farm Bill and a workshop on cutting-edge biomass technologies for climate change. In addition, EESI provided valuable information on the status of 2002 Farm Bill programs and regulations to policymakers, our nationwide network of more than 800 stakeholders and media by:

- Publishing information on the 22 projects spanning 17 states that were awarded Sec. 9008 biomass research and development grants. USDA selected the 22 projects from more than 400 applicants.
- Alerting our network about USDA’s FY04 Notice of Funding Availability (NOFA) for the Sec. 9006 to encourage as many applications as possible. USDA received 237 applications (totaling \$36.6 mil.) from 35 states, a 60% increase from FY03.
- Producing and distributing a *Summary of USDA Guidelines for Designating Biobased Products for Federal Procurement*, an overview of USDA’s proposed rule to implement Sec. 9002, which could create a significant market for biobased products by requiring Federal agencies to purchase biobased products that meet various standards.

(See page 5 for a list of new EESI information resources in 2004.)

## **Coalition-building and Networking**

Speaking at numerous events around the country is another important way EESI



# Agriculture and Renewable Energy

broadcasts its message. EESI's Executive Director, Carol Werner, testified on May 6 before the House Small Business Subcommittee on Rural Enterprise, Agriculture and Technology regarding "The Benefits of Tax Incentives for Producers of Renewable Fuels and its Impact on Small Businesses and Farmers." Carol spoke at 10 conferences including: Energy for Washington's Economy (WA); the 4th Annual Harvesting Clean Energy conference (WA); National Association of Counties; Governors' Ethanol Coalition; a Farm Power workshop in Decatur, IL; Oregon Wind Working Group; BioCycle (PA); North Carolina Biomass Workshop; National Association of State Energy Officials; and

an Iowa BioCycle Conference. Carol also was named to the Governor's Ethanol Coalition Working Group on Cellulosic Ethanol and began consulting with the Ohio Governor's Biomass Task Force to generate new renewable energy projects in Ohio's agriculture sector.

EESI's Agriculture and Energy newsletter *BCO (Bioenergy/Climate Protection/Oil Reduction)* grew to more than 800 subscribers, providing our ag/energy network with the latest bioenergy information. We frequently get comments like this one from a satisfied reader, "Thanks for a great newsletter."

*"BMA (Biobased Manufacturers Association) wants to congratulate the Environmental & Energy Study Institute ... for their comments ... on the proposed rules for the Federal Biobased Product Preferred Procurement Program... EESI identified several other key issues the final regulations need to address, such as insuring that regs. ... focus ... on getting federal agencies to compare biobased products with petroleum-based products."*

## New EESI Information Resources—2004

- Summary of USDA's Biobased Products Proposed Rule
  - Bioenergy: Technologies, Federal, and State Incentives Fact Sheet
  - Farm Bill Renewable Energy Cuts in Administration's FY05 Budget
  - EESI Public Comments Submitted to USDA on Sec. 9002
  - Summary of FY04 Notice of Funding Availability (NOFA) for Sec. 9006
  - Summary of FY04 Notice of Solicitation for Applications for Sec. 6401
  - Agriculture Appropriations Update on Sec. 9006
  - Update on Section 9008 Awardees and Section 9006 Application Process
  - Farm Bill Program Update on Sections 6401 and 9010
  - Senate Agriculture Appropriations Update
  - Announcement of Section 9006 Awardees
  - EESI Public Comments Submitted to USDA on Sec. 9006
  - Corporate Tax Bill Passes Congress
  - The Public Health Effects of Sprawl: A Compelling Case for Addressing Public Health in Transportation and Land Use Policy
  - National Clean Bus Leadership Recognition - 2004 Leader Profiles
  - Clean Bus-Related Provisions in House and Senate TEA-21 Reauthorization Bills
  - Energy Smart Growth: It's about How and Where We Build, (commissioned and published by the Funders' Network for Smart Growth and Livable Communities)
  - DVD copies of:
    - Discussing Climate Change: A Multi-Faceted View of the Climate Stewardship Act;
    - The Threat of Abrupt Climate Change; Climate Change Post-2100: What are the Implications of Continued Greenhouse Gas Buildup?;
    - State and Local Governments are Taking the Leadership on Addressing Climate Change;
    - Perspectives on Climate Change: Business Initiatives to Reduce Greenhouse Gas Emissions
- Copies of EESI's free electronic newsletters:
- *Climate Change News* (weekly)
  - *Clean Bus Update* (monthly)
  - *BCO: Bioenergy, Climate Protection, Oil Reduction* (quarterly)
- Materials are available on our website, [www.eesi.org](http://www.eesi.org) To subscribe, send an email to [eesi@eesi.org](mailto:eesi@eesi.org) or call 202-628-1400.

# Transportation



(Continued from page 1)

billion. The Clean Fuels Formula Grant Program specifically authorizes funding for the deployment of cleaner buses.

On the regulatory front, EESI organized a campaign in May in response to a proposed rule by the California Air Resources Board (CARB) to phase in particulate matter control technology in publicly-owned fleets. The CARB proposed rule would require public and utility fleets to retrofit their vehicles with “Best Available Control Technology” to reduce emissions. Although well intended, unless biodiesel is recognized in California as an alternative fuel or diesel emissions reduction strategy, this rule could potentially interfere with California-based government fleets currently using biodiesel to reduce oil use and greenhouse gas emissions. Federal fleets use 60 percent of all US biodiesel. California customers consume 25 percent of the total, so this rule could make a significant impact on the biodiesel market. EESI contacted local governments, issued an action alert and submitted our own comments, co-signed by several other groups, urging CARB to ensure that this rule would not negatively affect the use of biodiesel in California. CARB definitely got the message – they are now working with the National Biodiesel Board to verify biodiesel by the end of 2005.

## Policymaker Education

EESI conducted the second in a series of briefings - “*Public Health, Energy and the Economy: What has Public Transit Got to Do with It?*” supported by the National Institute of Environmental Health Services and the American Public Transportation Association. It emphasized the importance of bringing public health considerations into transportation, energy and land-use policy. EESI also published a briefing summary for the first in the series – *The Public Health Effects of Sprawl: A Compelling Case for Addressing Public Health in Transportation and Land Use Policy*.

In fall 2004, EESI held its second annual National Clean Bus Leadership Recognition Program to bring attention to six bus fleets across the country because of their adoption of emission reduction strategies that improve air quality while reducing petroleum consumption and greenhouse gas emissions. We chose a diverse group considering fleet size, location, resources, strategies, educational outreach, contribution to future clean air goals, and replicability. EESI’s press releases and detailed case studies of each fleet received a great response with coverage in a number of print, radio, and television media. For example, Oakland-based Alameda-Contra Costa Transit District developed an advertising campaign based on its recognition by EESI. Additionally, *Biodiesel Magazine* ran a story about the Clean Bus Leader Recognition Program.

## Coalition-building and Networking

EESI continued to provide technical assistance to members of its National Clean Bus Network. For example, several Clean Cities Coordinators have asked EESI to work more closely with the Federal Clean Cities Office. At the request of Congressional committee staff, EESI solicited recommendations from its National Clean Bus Network to improve the Clean Fuels Formula Grant Program and establish a new clean bus purchase incentive in the Capital Investment Grants Program (Sec. 5309). The Alternative Fuels Data Center, an internet portal operated by the Dept. of Energy, posted the EESI Fact Sheet on Clean Buses. EESI provided information about federal funding sources for clean bus deployment to assist hybrid-bus manufacturers develop proposals. And an EESI article profiling Salt Lake City clean bus successes appeared in the Clean Air Mayors Newsletter (US Conference of Mayors), which was distributed to 1,183 U.S. cities. Our information is used by others to spread the message. Satisfied recipients wrote, “I am using [EESI’s] information as a reader's choice resource to further the hybrid cause.” and “The stuff you sent is outstanding and extremely helpful.”

“Many, many thanks... for all of your help and for sending along ALL of the info. It's much appreciated.”

-Jim Ostroff,  
Associate Editor,



# Smart Growth

(Continued from page 2)

support of funders in a broad array of energy projects.

The Smart Growth and Transportation programs have been working together on a series of Congressional briefings about the interconnections between energy, smart growth, public health and transportation. The second briefing in the series was held in January 2004 and a briefing summary for the first in the series, *The Public Health Effects of Sprawl*: was released in the spring.

## Coalition-building and Networking

EESI continued to advocate increased coalescing of the energy and smart growth communities. For example, in April, EESI spoke about the nexus between energy and smart growth at the American Planning Association (APA)'s Annual Conference,

attended by thousands of planners. The workshop at which EESI presented was one of three sessions on energy issues, a sign that energy and greenhouse gas reduction are gaining interest. EESI served on the Green Building Council/Natural Resources Defense Council/Congress for the New Urbanisms advisory committee for the development of a new LEED (Leadership in Energy and Environmental Design) certification for green buildings that will include greater attention to energy efficient/smart growth locations, in addition to building design. Our materials have been listed in the Livability listserv hosted by the Center for Disease Control and Prevention and in the Assoc. of Metropolitan Planning Organizations' e-newsletter., to name a few. EESI continues to build on its relationship with APA, public health officials and others to spread its message.

Of EESI's National Clean Bus Update "A fine publication! Thank you for adding us to your distribution."

- Paul C. Scott,  
Chief Scientific Officer, ISE Corp.

## EESI 2004 National Clean Bus Leaders

- **Alameda-Contra Costa Transit District** (Oakland, CA), for investing in and developing advanced technologies – a \$20 million hydrogen fuel cell demonstration program.
- **Jordan School District and Salt Lake Clean Cities Coalition** (Salt Lake City, UT), for their leadership in promoting cultural awareness of alternative fuels and technologies – integrating an innovative alternative fuels curriculum into the district's drivers education programs and use of compressed natural gas (CNG) buses.
- **King County Metro Transit** (Seattle, WA) for investing in advanced technologies and emissions reduction strategies – by year's end, King County expects to fully integrate 213 hybrid-electric buses into full-time service.
- **Knoxville Area Transit** (Knoxville, TN) for exploring innovative emissions reduction strategies – in 19 months KAT went from using no alternative fuels to using alternative fuels in 80 percent of its fleet – and hopes to increase to 95 or 100 percent.
- **Durham Public Schools** (Durham, NC), for establishing fleet-wide usage of biodiesel – during the 2003-2004 school year, Durham used more than 600,000 gallons of B20 (a 20% biodiesel, 80% diesel blend) in its fleet of 325 buses.
- **Maine Department of Environmental Protection** for developing a statewide clean school bus campaign – coordinating efforts to establish commitments and guidelines for better driving practices with a particular focus on reducing idling.



# Energy and Climate

“Keep up the phenomenal work” —Joelle Robinson, Climate Solutions

(Continued from page 3)

that not only are climate change effects evident today but the Arctic is warming much more rapidly than scientists had thought – twice the rate of the rest of the globe. Projected temperature increases threaten wildlife, the health/food security of some indigenous peoples and low-lying coastal states and nations. EESI will organize Congressional briefings on the ACIA in 2005.

## Coalition-building and Networking

EESI continued its key role in numerous coalitions, especially the Sustainable Energy Coalition (SEC). As a member of the Planning Committee for the 7<sup>th</sup> annual SEC/Congressional Renewable Energy and Energy Efficiency Technology Expo, EESI invested much time organizing and publicizing this successful event. The 2004 Expo required double the effort because the originally scheduled event was cancelled 1½ days before it was to be held June 8 – due to the viewing of late President Reagan at the Capitol. This caused quite a blow to organizers, including EESI. But we persevered and, on September 7, more than 800 people attended the rescheduled event. For the first time, the Expo included a policy forum, which was such a success that it likely will be repeated.

Speaking at events is another key EESI role. For example, EESI addressed the Presbyterian working group on climate change to discuss how local congregations can make a difference by using climate-friendly technologies and being strong advocates for climate policy. EESI was one of the few nonprofits invited to participate and exhibit at President Clinton’s December energy forum in New York City. Additionally, EESI co-organized, with American Council on Renewable Energy, the successful Dec. 7 Policy Conference and Summit Meeting, “Renewable Energy in America: Phase II,” in Washington, DC. The meeting included 24 speakers and an audience of more than 500 industry, finance, government and NGO representatives.

EESI continues to publish our extremely popular, free weekly electronic newsletter *Climate Change News*, providing updates on scientific literature, governmental actions and conferences. While initially targeted to Congressional offices, we have expanded the *Climate Change News* distribution by more than 400 because so many people are asking for it. One reader said,

“Thanks so much for keeping us up-to-date on what’s happening!! You’re amazing!!”



## Expanding EESI’s Reach

January 2004 marked the launch of a new EESI publication, *EESI Update*, a free publication designed to keep our friends and supporters up-to-date on EESI’s on-going work. Comments included “Impressive!” “Nicely done.” and “Excellent publication. It really tells how much EESI is doing.”

EESI produced DVDs of 4 selected Congressional briefings, available for \$15 each, as another way to reach those who cannot attend the events.

EESI received rave reviews of its year-end summary email of all its briefings, with links to notices and presentations.

EESI’s website has been included in GEsourcE Geography and Environment Gateway (University of Manchester), a free online catalogue of high-quality Internet resources. This is a noteworthy compliment, since resources are selected by specialists. Another satisfied user said, “Thank you for your great website. I visit it often.”



# EESI Associates 2004

EESI Associates help EESI by providing at least \$1,000 in general support.

**Allete (formerly Minnesota Power)**  
**American Council on Renewable Energy**  
**Austin Energy**  
**Bob Lawrence & Associates**  
**Frances S. Buchholzer**  
**Mortimer Caplin**  
**Arthur “Bill” Fisher**  
**Scott Fitzmorris**  
**Geothermal Energy Association**

**National Biodiesel Board**  
**Richard L. Ottinger**  
**Polyisocyanurate Insulation**  
**Manufacturers Association**  
**Solar Energy Industries Association**  
**United Nations Foundation**  
**Wisconsin Energy Corporation**

EESI extends a special welcome to American Council on Renewable Energy, Arthur “Bill” Fisher, and Scott Fitzmorris, as new EESI Associates in 2004.



NEG-Micon

## EESI 2004 Funders and Supporters

EESI would like to thank the following foundations for supporting our 2004 programs!

**The Energy Foundation**  
**The Funders’ Network for Smart Growth**  
**and Livable Communities** (2003 grant)  
**The Fred Gellert Family Foundation**  
**The George Gund Foundation**  
**The Joyce Foundation** (2003 grant)  
**Steven and Michelle Kirsch Foundation**  
**National Institute for Environmental**  
**Health Sciences**  
**The New-Land Foundation**  
**The New York Community Trust** (2003 grant)  
**Oak Foundation**  
**Ottinger Foundation**  
**Rockefeller Family Fund/**  
**New Horizons Fund**



a member of Earth Share

We would also like to thank the following individuals who contributed \$100 or more:

|                          |                          |
|--------------------------|--------------------------|
| <b>Nancy Bacon</b>       | <b>Anthony Beilenson</b> |
| <b>Richard Benedick</b>  | <b>Rosina Bierbaum</b>   |
| <b>Lester Brown</b>      | <b>Quincelee Brown</b>   |
| <b>Gerald Decker</b>     | <b>Roger Duncan</b>      |
| <b>Kay Goss</b>          | <b>David Outen</b>       |
| <b>Ruth Patrick</b>      | <b>Jacek Popiel</b>      |
| <b>Jennifer Schaefer</b> | <b>Chris Schepis</b>     |
| <b>John Sheehan</b>      | <b>Randy Swisher</b>     |

EESI would like to thank the hundreds of people who support our work each year through payroll deductions in workplace giving campaigns.

EESI is a member of the Earth Share workplace giving federation. Federal employees can support EESI through the Combined Federal Campaign (CFC) by selecting #0921 on their pledge form.

*Thanks for all you do.— Niel Ritchie, League of Rural Voters*

## EESI Board of Advisors

**Lester Brown**, *Earth Policy Institute*  
**Ken Colburn**, *Northeast States for Coordinated Air Use Management*  
**Bruce Dale**, *Chemical Engineering Department, Michigan State University*  
**John E. Echohawk**, *Native American Rights Fund*  
**Karl Gawell**, *Geothermal Energy Association*  
**Rhone Resch**, *Solar Energy Industries Association*  
**Stephen Kalland**, *North Carolina Solar Center*

**Mike Lindberg**, *Lindberg, Kirk, Millar*  
**Michael MacCracken**, *International Association of Meteorology and Atmospheric Sciences*  
**William K. Reilly**, *Aqua International Partners*  
**John F. Seiberling**, *Former Member of Congress (OH)*  
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**Scott Sklar**, *The Stella Group, Ltd.*  
**Scott A. Weiner**, *Center for Energy, Economic & Environmental Policy, Rutgers University*  
**Donna W. Wise**, *Consultant*

# Congressional Briefings & Forums



EESI organized 17 Congressional briefings and other events in 2002. Briefing notices and speaker presentations are available at [www.eesi.org](http://www.eesi.org).

## **Public Health...Energy...the Economy: What's Public Transit Got to do With It?**

*January 15, 2003*

- Robert Shapiro, Ph.D., Chairman, Sonecon, LLC
- Sarah Kline, Minority Counsel, U.S. Senate Banking, Housing and Urban Affairs Committee
- Lawrence Frank, Ph.D., Professor and Bombardier Chair, University of British Columbia, and director of projects in Atlanta, GA and Seattle
- Gerald Roper, President and CEO, Chicagoland Chamber of Commerce and Director, National Business Coalition for Rapid Transit

## **Energy Efficiency: FY 2005 Budget and Policy Review**

*February 19, 2004*

- Bill Prindle, Deputy Director, American Council for an Energy-Efficient Economy
- Jeff Genzer, General Counsel, National Association of State Energy Officials; Duncan, Weinberg, Genzer & Pembroke
- Eli Hopson, Professional Staff (Majority), House Science Subcommittee on Energy

## **Renewable Energy: FY2005 Budget and Policy Review**

*March 18, 2004*

- Fred Sissine, Energy Policy Analyst, Congressional Research Service

- Elizabeth Paris, Tax Counsel, Senate Finance Committee
- Deborah Estes, Minority Counsel, Senate Energy and Natural Resources Committee
- Karl Gawell, Executive Director, Geothermal Energy Association
- Glenn Hamer, Executive Director, Solar Energy Industries Association

## **Renewable Energy and the 2002 Farm Bill: Status, Opportunities and Challenges**

*April 22, 2004*

- Rep. Jim Leach (R-IA)
- Dr. Keith Collins, Chief Economist, U.S. Dept. of Agriculture
- Roger Szemraj, Chief of Staff, Rep. Marcy Kapture (D-OH)
- Brian Henderson, Director, Energy Efficiency Services, New York State Energy Research and Development Authority (NYSERDA)

## **The Natural Gas Crisis: Impacts and Potential Solutions**

*April 22, 2004*

- Michael Parr, Government Affairs Programs Manager, DuPont
- Rick Morgan, Commissioner, Public Service Commission of the District of Columbia and National Association of Regulatory Utility Commissions Committee on Energy Resources and the Environment
- Scott Sklar, President, The Stella Group

## **R&D for Manufacturing Efficiency**

*"I've always been impressed with the quality of programs that EESI puts together, and with the universal respect that it receives on Capitol Hill."*

— Shalom Flank, Ph.D.

# Congressional Briefings & Forums

**May 13, 2004**

- Michael Greenman, Glass Manufacturers Industry Council
- Norman Bliss, American Foundry Society
- Larry Kavanaugh, American Iron and Steel Institute Alliance for Materials Manufacturing Excellence, a coalition of manufacturers and their associations
- William Nesmith, Chairman of the Industrial Committee, National Association of State Energy Officials

## **A Decade of Water-Quality Assessments: USGA Reports Findings of Regional and National Importance**

**May 14, 2004**

- Representative Ralph Regula
- Tim Miller, Chief, Office of Water Quality, USGS
- Keith Robinson, Supervisory Hydrologist, USGS
- Matthew Liebman, EPA, Region 1
- Gary Rowe, Assistant Regional Hydrologist for NAWQA, USGS
- Bob Miltner, Ohio EPA

## **Discussing Climate Change: A Multi-Faceted View of the Climate Stewardship Act**

**June 3, 2004**

- Reps. Wayne Gilchrest (R-MD) and John Olver (D-MA)
- Brent Yacobucci, Environmental Policy Analyst, Congressional Research Service
- Reverend Jim Ball, Executive Director, Evangelical Environment Network
- Jack Gibbons, President, Resource

Strategies; Former Science Advisor to the President

- John Cusack, President, Gifford Park Associates

## **Jobs and Renewable Energy: Gearing Up for the Future**

**June 7, 2004**

- Daniel Kammen, Professor, University of California, Berkeley
- Chris Flavin, President, Worldwatch Institute
- Bracken Hendricks, Executive Director, The Apollo Alliance

## **Luncheon Workshop on Cutting-Edge Biomass Technologies for Mitigating Acute Climate Change**

**July 6, 2004**

- Dr. Peter Read, Senior Research Officer, Massey University, New Zealand
- Danny Day, President, EPRIDA, University of Georgia
- Jeff Passmore, Executive Vice President, Iogen Corporation, Canada
- Jacek Popiel, Marketing Director, Sturman Industries, Colorado Springs, Colorado

## **Climate Change in Our Backyard: What are the Implications?**

**July 29, 2004**

- Dr. Anthony C. Janetos, Vice President, The H. John Heinz III Center for Science, Economics, and the Environment
- Dr. Lynne M. Carter, Former Regional Liaison for the U.S. National Assessment

## **7th Annual Congressional**

*"I have been on an EESI e-list for a while and am always impressed at the caliber of your events. Keep up the good work and I hope I have the privilege of meeting you."*  
—a federal agency program officer,



*(Continued on page 12)*



# Congressional Briefings & Forums

*"I have sent my staff to EESI briefings and they have found them to be highly informative and timely."*

—Mary-Lynn Wrabel, ENERGETICS, INC.



*(Continued from page 11)*

## **Renewable Energy and Energy Efficiency EXPO and Policy Forum** *September 7, 2004*

More than 50 companies from across the United States representing more than two dozen renewable energy and energy efficiency technologies.

### **Energy Efficiency Panel**

- Keynote Speaker - Anna Aurilio (US Public Interest Research Group)
- Bill Prindle (American Council for an Energy Efficient Economy) – industry
- Kara Rinaldi (Alliance to Save Energy) [invited] - appliances, lighting, buildings
- David Friedman (Union of Concerned Scientists) - transportation
- Jennifer Schafer (Cascade Associates) - fuel cells
- John Jameson (US Combined Heat & Power Association) - CHP + district energy
- Bob Lawrence (Bob Lawrence & Associates) - utilities + transmission

### **Renewable Energy Panel**

- Keynote Speaker - Scott Sklar (Stella Group)
- Karl Gawell (Geothermal Energy Association) - geothermal
- Mark Stover (National Hydropower Association) - hydropower
- Monte Shaw (Renewable Fuels Association) - liquid biofuels
- Genevieve Cullen (American Bioenergy Association) - biomass
- Jaime Steve (American Wind Energy Association) - wind

- Colin Murchie (Solar Energy Industries Association) - solar

## **The Threat of Abrupt Climate Change**

*September 15, 2004*

- Dr. Michael MacCracken, President, International Association of Meteorology and Atmospheric Sciences.
- Dr. Richard Alley, Chair, National Academy of Sciences' Committee on Abrupt Climate Change, Penn State University
- Dr. Daniel Grossman, Independent Journalist, author of 'Climate of Uncertainty' for American Radio Works

## **Climate Change Post-2100: What are the Implications of Continued Greenhouse Gas Buildup?**

*September 21, 2004*

- Dr. Berrien Moore III, Director, Institute for the Study of Earth, Oceans, and Space, University of New Hampshire
- Dr. Gerald A. Meehl, Senior Scientist, Climate and Global Dynamics Division, National Center for Atmospheric Research, Boulder, CO
- Dr. Gerald M. Stokes, Director, Joint Global Change Research Institute, Battelle/PNNL and University of Maryland

## **State and Local Governments are**

# Congressional Briefings & Forums

## Taking the Leadership on Addressing Climate Change

September 28, 2004

- Mayor R.T. Rybak, Mayor of Minneapolis, MN
- Peter Lehner, Chief, Environmental Protection Bureau, NY Attorney General's Office
- Sonia Hamel, Special Assistant, Massachusetts Office of Commonwealth Development
- Amit Ronen, Legislative Assistant, Senator Maria Cantwell (D-WA)

## Perspectives on Climate Change: Business Initiatives to Reduce Greenhouse Gas Emissions

November 18, 2004

- Nancy Skinner, U.S. Director of The Climate Group, former International Director of the International Council for Local Environmental Initiatives (ICLEI) Cities for Climate Protection, Berkeley, CA
- Cynthia Cummis, Team Leader, Climate Leaders Program, U.S. Environmental Protection Agency, Washington, DC
- Al Forte, Assistant Director, Environmental Affairs, Pfizer Inc.
- Dr. Somadeepti Chengalur, Director, Health, Safety, and Environment Federal Policy, Eastman Kodak Company
- Roger Duncan, Deputy General Manager, Government Affairs, Austin Energy Services, Austin, TX

## America: Phase II

December 6-7, 2004

- Roger Ballentine, President, Green Strategies, Inc.
- Robert Dineen, President, Renewable Fuels Association
- Ed Feo, Partner, Milbank Tweed Hadley & McCoy
- Chris Flavin, President, Worldwatch Institute
- Frank Gaffney, President, Center for Security Policy
- John Geesman, Commissioner, California Energy Commission
- Hank Habicht, President & CEO, Global Energy & Technology Foundation; Founding Principal, Capital E, LLC
- Bill Holmberg, Chairman, New Uses Council and the Biomass Coordinating Council
- Jonathan Lash, President, World Resources Institute
- Amory Lovins, CEO, Research, Rocky Mountain Institute
- Robert (Bud) McFarlane, President, Energy and Communications Solutions
- Lew Milford, Executive Director, Clean Energy States Alliance
- Dan Reicher, Managing Director, New Energy Capital
- Rob Pratt, Director, Massachusetts Renewable Energy Trust
- Hermann Scheer, MP, Germany
- Phil Sharp, Director, Institute of Politics, Harvard University; former Congressman
- Steve Zwolinski, President, GE Wind Energy
- R. James Woolsey, former Director, Central Intelligence



*"I was so impressed by the turnout at your briefing last week! And as always, [the presenters] did a terrific job."*  
—Vicki Arroyo, Pew Center on Climate Change

## Renewable Energy in

# Environmental and Energy Study Institute Financial Statements

## Statement of Financial Position

*December 31, 2004*

### ASSETS

#### CURRENT ASSETS

|                                |           |
|--------------------------------|-----------|
| Cash                           | \$230,400 |
| Interest receivable            | 14,224    |
| Unconditional promises to give |           |
| Grant receivable               |           |
| Prepaid expenses               | 4,392     |

|                             |                |
|-----------------------------|----------------|
| <b>TOTAL CURRENT ASSETS</b> | <b>249,016</b> |
|-----------------------------|----------------|

|                               |                  |
|-------------------------------|------------------|
| <b>INVESTMENTS, at market</b> | <b>2,070,196</b> |
|-------------------------------|------------------|

|   |               |
|---|---------------|
| <b>PROPERTY AND EQUIPMENT, net of accumulated<br/>depreciation and amortization</b> | <b>20,183</b> |
|---|---------------|

|                 |              |
|-----------------|--------------|
| <b>DEPOSITS</b> | <b>6,159</b> |
|-----------------|--------------|

|                     |                    |
|---------------------|--------------------|
| <b>TOTAL ASSETS</b> | <b>\$2,345,554</b> |
|---------------------|--------------------|

### LIABILITIES AND NET ASSETS

#### CURRENT LIABILITIES

|                  |         |
|------------------|---------|
| Accounts payable | \$4,938 |
| Accrued vacation | 55,113  |
| Deferred revenue |         |

|                                  |               |
|----------------------------------|---------------|
| <b>TOTAL CURRENT LIABILITIES</b> | <b>60,051</b> |
|----------------------------------|---------------|

#### NET ASSETS

|                        |           |
|------------------------|-----------|
| Unrestricted           | 2,022,167 |
| Temporarily restricted | 263,336   |

|                         |                  |
|-------------------------|------------------|
| <b>TOTAL NET ASSETS</b> | <b>2,285,503</b> |
|-------------------------|------------------|

|   |                    |
|---|--------------------|
| <b>TOTAL LIABILITIES AND NET ASSETS</b> | <b>\$2,345,554</b> |
|---|--------------------|





# Environmental and Energy Study Institute Financial Statements

## Statement of Activities

*For the Year Ended December 31, 2004*

|                                       | Unrestricted       | Temporarily<br>Restricted | Total              |
|---------------------------------------|--------------------|---------------------------|--------------------|
| <b>REVENUE</b>                        |                    |                           |                    |
| General support grants                | \$36,545           |                           | \$36,545           |
| Project grants                        | 87,849             | \$263,336                 | 351,185            |
| Earth share                           | 40,261             |                           | 40,261             |
| Other                                 | 338                |                           | 338                |
| Investment income                     | 130,052            |                           | 130,052            |
| Net assets released from restrictions | 397,769            | (397,769)                 | 0                  |
| <b>TOTAL REVENUE</b>                  | <b>692,814</b>     | <b>(134,433)</b>          | <b>558,381</b>     |
| <b>EXPENSES</b>                       |                    |                           |                    |
| Programs                              |                    |                           |                    |
| Transportation/Smart Growth           | 78,404             |                           | 78,404             |
| Energy and Climate                    | 335,266            |                           | 335,266            |
| Total Programs                        | 413,670            |                           | 413,670            |
| General and administrative            | 62,945             |                           | 62,945             |
| Development                           | 69,106             |                           | 69,106             |
| <b>TOTAL EXPENSES</b>                 | <b>545,721</b>     |                           | <b>545,721</b>     |
| <b>CHANGE IN NET ASSETS</b>           | <b>147,093</b>     | <b>(134,433)</b>          | <b>12,660</b>      |
| <b>NET ASSETS, BEGINNING OF YEAR</b>  | <b>1,875,074</b>   | <b>397,769</b>            | <b>2,272,843</b>   |
| <b>NET ASSETS, END OF YEAR</b>        | <b>\$2,022,167</b> | <b>\$263,336</b>          | <b>\$2,285,503</b> |



...working for innovative solutions.

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[www.eesi.org](http://www.eesi.org)