

The *EETD* Newsletter Collection

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- Berkeley Lab/3M Team Demonstrate Potential to Significantly Reduce Building Lighting Energy Use
- Berkeley Lab's VOC True Read Improves Monitoring Precision
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- Berkeley Lab Study Evaluates Potential CHP Penetration in California

Research Highlights:

- Berkeley Lab Researchers Share in 2013 Supercomputing Award
- Building4Change Names EETD Researcher a 2013 Star of Building Science

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- Full Version of EnergyIQ Released
- No Evidence of Residential Property Value Impacts Near U.S. Wind Turbines, a New Berkeley Lab Study Finds
- Lighting Control Testbeds at the General Services Administration: Showing Promise for Lighting Energy Reductions
- A Legacy of Energy Evaluation: A Conversation with Ed Vine
- Berkeley Lab Study Shows Significant Potential for Deployment of Superefficient Air Conditioners
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- Better Batteries with a Conducting Polymer Binder

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- Hyundai Engineering and Berkeley Lab Collaborate on Energy-Efficient Buildings Research
- California Clean Diesel Programs Slash Black Carbon; Reduce Climate Change
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- Laser Chemical Analysis: Berkeley Lab Breakthrough Using Near-Field Optics
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- Wind Power Still a Cost-effective Long-term Hedge Against Natural Gas Prices
- Super-efficient Air Conditioners Show Potential for Significant Savings
- Low Natural Gas Prices Effect Energy-Efficiency Program Selection
- New Online Forum to Help Homeowners Reduce Energy Use
- Berkeley Lab Helps NASA Ames Sustainability Base Optimize Its Energy Use
- NEC Laboratories Supports Berkeley Lab Microgrid Research
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- Berkeley Lab Study Finds Big Energy Savings in The New York Times Building
- The Building Control Virtual Test Bed: Improving Building Design and Operations
- Simergy Brings the Power of EnergyPlus to Designers and Architects
- Berkeley Lab Finds Climate Change to Be a High Priority in the Insurance Industry
- Berkeley Lab Contributes to New Energy Storage Research Hub
- ARPA-E Funds Berkeley Lab Projects on Buildings, Windows, and the Electric Grid
- Berkeley Lab Study Projects Explosive Growth of U.S. Utility Energy-Efficiency Programs
- California's Energy Future: Buildings and Industrial Efficiency
- Construction on FLEXLAB Testbeds Moves Forward with Groundbreaking
- Four FLEXLAB Partners Announced

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Research Highlights:

- President Obama Awards Art Rosenfeld the National Medal of Technology and Innovation
- Ashok Gadgil Elected to National Academy of Engineering
- One Step Closer to Hydrogen Production From Photoelectrochemical Water-Splitting
- What's the Cost of a Healthy Home?
- New Battery University Program to Train Workforce to Lead Fast-Growing Industry

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- Testing Efficient Lighting and Building Control Solutions at Berkeley Lab: The First FLEXLAB Module Takes Shape
- OpenADR Continues to Move the Smart Grid Forward
- Berkeley Lab Continues to Support the U.S. Department of Defense in Promoting Energy Efficiency and National Security
- The Installed Price of Solar PV in the U.S. Continues Its Rapid Decline
- Reducing Barriers to Residential Building Air Tightness: Assessing Safety Diagnostics for Atmospherically Vented Combustion Appliances
- How to Unplug and Save Money
- Study Finds Reasons to Improve Indoor Air Quality in Childcare Facilities

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- Increased Carbon Dioxide Concentration Impacts Human Performance
- International Prize for Water Awarded to Team Led by Berkeley Lab's Ashok Gadgil
- Nanogrids Can Support Smart Grid Success
- Berkeley Lab Connecting BEST Center Students with Latest Research
- Berkeley Lab's Ashok Gadgil Will Lead UC Berkeley's New Development Impact Laboratory
- Web Guide to Improving Existing Ventilation in California Homes and Apartments

EETD News #40 – Summer 2012, Vol. 11, No. 1

- The Building as an Energy Storage Device: Fast Demand Response as a Solution to Intermittent Renewables
- Calculating Properties of Materials from First Principles—A Tool for Faster Advanced Materials Development
- Berkeley Lab Study Finds That Residential Cooking Exhaust Hood Performance Varies Widely
- Help EETD Researchers Study the Effect of Cooking on Indoor Air Quality—Please Fill Out This Brief Survey
- New Study Finds the U.S. Wind Power Market Riding a Wave That Is Likely to Crest in 2012
- B-PATH: Quantifying the Impact of Structural Materials
- Berkeley Lab and CalCEF Launch CalCharge Consortium to Support California's Battery Industry
- EETD Study for SEE Action Finds Energy Savings From Residential Behavior-Based Energy-Efficiency Programs

Research Highlights:

- Berkeley Lab and City of San Jose Partner to Boost Clean Tech in Silicon Valley
- LAMIS Wins a 2012 R&D 100 Award

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- New Research Suggests Cap-and-Trade Programs Do Not Provide Sufficient Incentives for Energy Technology Innovation
- Berkeley Lab's Ashok Gadgil Wins 2012 Lemelson-MIT Award for Global Innovation
- Berkeley Lab Quantifies the Effect of Soot on Snow and Ice Albedo
- Berkeley Lab Technology Improves Laser Spectroscopy; Geochronology Analyses
- Traveling the Road Not Taken in Fuel Cell Research

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- The 80% Solution for Greenhouse Gas Emissions in California
- California's Energy Future: Electricity from Renewable Energy and Fossil Fuels with Carbon Capture and Sequestration
- Berkeley Lab Chosen to Lead U.S.-India Clean Energy Research Center

EETD News #38 – Winter 2012, Vol. 10, No. 3

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- The LBNL Institute for Globally Transformative Technologies (LIGTT)
- EETD Researcher Contributes to New CAFE and Greenhouse Gas Standards for Light-Duty Vehicles
- Drayage Truck Emissions at the Port of Oakland
- Berkeley Lab's Ashok Gadgil Wins Zayed Future Energy Prize's Lifetime Achievement Award
- Inspiring Energy Efficiency Research in the Nation's Universities

Research Highlights:

- EETD Researchers Win BuildSys 2011 Best Paper Award
- Free Energy Information Systems Handbook Released
- Richmond Field Station Chosen for Berkeley Lab Expansion

EETD News #37 – Fall 2011, Vol. 10, No. 2

- Carbon Cycle 2.0 Energy and Environmental Analysis Team Evaluates Impacts of Technology R&D
- Carbon Cycle 2.0 Energy and Environmental Analysis Team Focuses on Carbon Sequestration
- Berkeley Lab Teams with MIT to Develop Search Engine for Materials Research
- Increased Ventilation Rates in Office Buildings Can Bring Billions of Dollars in Savings
- EETD Scientists Develop Effective Approaches for Removing VOCs from Indoor Air
- Berkeley Lab Helps the DoD Identify Substantial Energy Savings
- Berkeley Lab Report Shows Significant Decline in the Installed Cost of Solar Photovoltaic Systems in the U.S.
- Cool Car Colors Could Improve Fuel Economy, Reduce Emissions

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- Conductive Polymer Binder Awarded \$240,000 UC Discovery Grant
- EETD Policy Brief Reviews the Value of Building Labels, Certifications, and Ratings
- Berkeley Lab Helps NASA Bring Efficient Technologies to Earth

EETD News #36 – Summer 2011, Vol. 10, No. 1

- Energy Information Systems Open the Door to Real-Time Building Energy Management
- ISO 50001 Standard Approved and Released
- Berkeley Lab Benchmarking Tool Helps Dairy Processors Find Energy and Water Savings
- Scientists from Around the World Attend Berkeley Workshop on Cool Roof Research
- New Study Reveals Challenges and Opportunities in U.S. Wind Power Market

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- Indoor Air Award to Berkeley Lab Researchers
- Cooling the Roof of Berkeley Lab's Advanced Light Source
- Study of Port of Oakland Truck Emissions Reported at Hearing
- EETD Receives DOE Award to Evaluate Fuel Cell Technology
- U.S. Department of Energy Fact Sheets Help Benchmark Efficiency Improvements
- Converting Home Energy Assessments Into Home Energy Upgrades
- Energy Efficiency in India—Web Resources

EETD News #35 – Spring 2011, Vol. 9, No. 4

- Berkeley Lab Research Helps Fuel Cells Meet Their Potential
- Measuring the Usability of Programmable Thermostats
- Berkeley Lab Study Finds That Residential Photovoltaic Systems Boost the Sales Price of California Homes
- Saving Electricity in a Hurry: Tokyo Has Done It Before and Can Do It Again
- Berkeley Lab Develops Antifogging Coating With Nanostructured Materials
- Why Fluorescent Lighting Isn't Dead

Research Highlights:

- Art Rosenfeld Wins Global Energy Prize
- UV Waterworks Wins Ashok Gadgil a European Inventor Award
- Ashok Gadgil Receives 2011 Olympus Innovation Award
- International Workshop on Advances in Cool Roof Research: Protocols, Standards & Policies for Accelerated Aging
- Two-Tier Loan Structure Offers New Energy Efficiency Financing and Research Data
- Austin's Home Performance With ENERGY STAR Program Achieves Success With Partner Velocity Credit Union
- Berkeley Lab Scientists' Work Supports IPCC Report Conclusion That Renewables Can Meet Much of World's Energy Needs

EETD News #34 – Winter 2011, Vol. 9, No. 3

- Commercial Building Partnerships Come Together
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- OpenADR Alliance Begins to Advance OpenADR as Smart Grid Standard
- Energy Efficient Data Center Retrofit — Wireless Sensor Network
- Home Energy Score Pilot Program
- Berkeley Lab Report Shows Steep Decline in Installed Cost of U.S. Photovoltaics

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- EETD Scientists Recognized by the American Council for an Energy-Efficient Economy
- Ashok Gadgil's Students Help Design Sustainable House
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- The Healthy Zero Energy Buildings Website

EETD News #33 – Fall 2010, Vol. 9, No. 2

- Driving Demand
- Bennett-Nordman IEEE Standard
- Nicotine and Ozone
- SVOW
- Renewables Portfolio Standard Report
- Kerosene Lamp Particulate Study

Research Highlights:

- Berkeley Lab to Lead U.S.-China Clean Energy Research Center
- Wind Energy Paper Receives ARES Award
- Berkeley Lab Researcher Receives GridWeek Leadership Award
- DOE Proposes Higher Efficiency Standards for Refrigerators
- EETD Researchers Contribute to UC San Diego's Efficient DC-Power Data Center

EETD News #32 – Summer 2010, Vol. 9, No. 1

- Ashok Gadgil Named Director of Environmental Energy Technologies Division
- Arsenic Removal Technologies
- ARPA-E Funding
- Low-Energy Buildings User Facility
- ECMA International Standard
- U.S. Wind Power Market
- Clean Energy Ministerial

Research Highlights:

- Battery R&D Directions Discussed
- Piette Elected to Smart Grid Architecture Committee
- EETD Researchers and Microsoft Corp. Win R&D 100 for Home Energy Saver/Hohm
- Berkeley Lab Contributes to DC-Powered Data Center Tests

EETD News #31 – Spring 2010, Vol. 8, No. 4

- OpenADR's Steps Toward a National Smart Grid Standard
- Dangers of Third-Hand Smoke
- Energy Efficiency Workforce Training
- John Newman Wins the Acheson Award
- Net Metered PV Systems
- Recovery Act Grant Program Evaluation

EETD News #30 – Winter 2010, Vol. 8, No. 3

- Hidden Costs of Energy Production NRC Report
- The Rosenfeld Named After California's Godfather of Energy
- Solar Photovoltaic Report II Release
- Methane in Central California
- Wind Power Property Values
- Community Wind
- FABS21 Release
- Franchise Tax Board Data Center Project

EETD News #29 – Fall 2009, Vol. 8, No. 2

- Closing in on Zero-Energy Buildings
- Heinz Award Honors Berkeley Lab's Ashok Gadgil
- Green Chemistry: Lasers Detect Explosives and Hazardous Waste
- Photocatalytic Oxidation (PCO) Air Cleaners: Reducing Energy Use While Clearing the Air
- Energy Reduction for Energy Research
- New Study Sheds Light on the Growing U.S. Wind Power Market
- Recovery Act Funding Enables Berkeley Lab to Help Federal Agencies Improve Energy Efficiency

Research Highlights:

- Majumdar Confirmed as First Head of DOE's ARPA-E
- Building a Net-Zero Home: The \$20 Million Energy Challenge
- China Energy Group Helps Chinese Cement Companies Reduce GHG Emissions

EETD News #28 – Summer 2009, Vol. 8, No. 1

- Cool the Neighborhood, Cool the Planet
- OpenADR Specification to Ease Building Power Reductions
- Berkeley Lab Analysis Finds Reduced HVAC May Improve Health
- Sustainability and the U.S. Energy System

EETD News #28 – Summer 2009, Vol. 8, No. 1, continued

Research Highlights:

- Lab Role in Project Vulcan Greenhouse Gas Emissions Map
- EETD's Levine Receives Japanese Architecture Prize
- Renewable Energy Team Wins Wind Power Award

EETD News #27 – Fall 2007, Vol. 7, No. 4

- Batteries of the Future I: Modeling Lithium-Ion Battery Behavior
- Batteries of the Future II: Building Better Batteries Through Advanced Diagnostics
- The BATT FabLab: Road to a Better Battery
- Making Lithium-Ion Batteries Safer
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- Two Prestigious Awards for Professor John Newman
- Home Energy Saver Website Gets Its Four Millionth Visit
- San Francisco Federal Building is One of the "Best Inventions of the Year"

EETD News #26 – Summer 2007, Vol. 7, No. 3

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- Behind Closed Doors: Beware the Air
- Berkeley Lab's Ultraclean Combustion Technology for Electricity Generation
- Fires Up in Hydrogen Tests
- 'Greening the Capitol' Gets Technical Assistance From Berkeley Lab

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- A Flex Your Power Award for Cool Roofs
- ...And Honorable Mention for Data Centers
- McKone Appointed to Biomonitoring Panel
- Report on Energy Service Companies Available
- U.S. Wind Power Report

EETD News #25 – Winter-Spring 2007, Vol. 7, No. 2

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- What Can Models Tell Us About Risk?
- An Inexpensive Wireless Lighting Control System to Improve Energy Efficiency

Technology Transfer:

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- Air-stable Nanomaterials for Efficient OLEDs and Solar Cells
- Monitoring of Western Electricity Markets

Research Highlights:

- A Visit to the California Governor's Inaugural
- Honors for Alan Meier

EETD News #24 – Fall 2006, Vol. 7, No. 1

- Energy Efficient Direct-Current Powering Technology
- Laser Ultrasonic Sensor Wins R&D 100
- Silver Anomalies in Jerusalem Pottery
- GSA's Cool Coup at the Philadelphia Custom House

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- Chang's New Technique to Clean Up Fossil Fuel Emissions

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- Berkeley Lab Fume Hood is Licensed for Manufacture
- Darfur Stoves Effort in Progress

EETD News #23 – Summer 2006, Vol. 6, No. 4

- A Mission to Darfur
- Lighting it Right with Smart Dust
- Balancing California's Energy
- Cost to Reduce Carbon Emissions in Developing World Higher Than in Industrial Nations
- Gold Rush Still Haunts San Francisco Bay
- Rosenfeld Wins Fermi Award
- A Visit to China

Research Highlights:

- Contamination Control Technology
- Traffic Physics
- Benner Award Goes to Mary Ann Piette
- EETD, Jordanians Sign Energy MOU

Spring 2006 issue not published

Winter 2005 issue not published

EETD News #22 – Fall 2005, Vol. 6, No. 3

- Large Power Savings Found in Automated Demand Response Tests
- Climate Change and the Insurance Industry
- EETD Evaluates China's Energy-Strategy Options
- Groundbreaking Computer Simulation Work Published
- Harnessing Wind Energy in Eritrea

Technology Transfer:

- Berkeley Lab Miniaturized Sensor
- Berkeley and Sandia Labs Airport Protection Guidelines

Research Highlights:

- Modeling POPs and Climate
- New York Times

EETD News #21 – Summer 2005, Vol. 6, No. 2

- Electricity Prices and the Tariff Analysis Project (TAP)
- Reducing Developing World's Polluting Fuel-Based Lighting
- United Nations World Environment Day June 1-5, 2005
- First Energy-Efficient, LED-Based Task Lamp Brought to Market
- BEST Winery Tool Helps Reduce Energy and Water Costs
- Energy-Saving Paper Sensor Passes Major Milestone

Technology Transfer:

- High-Conductivity Single-Ion Cross-Linked Polymers for Lithium Batteries and Fuel Cells

Research Highlights:

- Lone Pine Visitors Center Wins Energy-Efficiency Award
- Behind the Pritzker Prize

(Final issue to be printed – includes response card for E-Notification requests)

EETD News #20 – Winter/Spring 2005, Vol. 6, No. 1

- For Millions of Bangladeshis, Ash May Offer Hope
- A Next-Generation Community College Curriculum for Energy-Efficient High-Performance Building Operations
- ProForm: Assessing Energy and Environmental Impacts
- Improved Control Algorithm Appears in a Next-Generation Daylighting Product

Technology Transfer:

- Gas-Filled Panels

Research Highlights:

- Better Power Interfaces for Computers and Consumer Electronics
- Fuzzy Logic and Public Health
- The Insurance Industry and Climate Change
- An EETD Blog: bleer.lbl.gov

EETD News #19 – Fall 2004, Vol. 5, No. 4

- Cool Colors Project: Improved Materials for Cooler Roofs
- BVAMP: Simplifying Assessment of Building Vulnerability
- NARAC Expands its Reach: Minimize Chemical-Biological Weapons Casualties
- How to Buy Green Power
- New Federal Efficiency Standards for Residential Furnaces and Boilers: EETD Researchers Estimate Potential Impacts

Research Highlights:

- EETD Scientists Tackle Afghani Housing
- Wray Honored with Distinguished Service Award
- Gadgil Wins Tech Museum Award

(SURVEY – Please take a brief *EETD News* Reader Survey)

EETD News #18 – Summer 2004, Vol. 5, No. 3

- Dampness and Mold Growth in Buildings: A National Academy Study
- EETD to Operate Demand Response Research Center for California Energy Commission
- Transition-Metal Switchable Mirrors Win a 2004 R&D100 Award
- TRAMS: A New Tracer Gas Airflow Measurement System
- Better Measurements of Carbon Aerosol Help Study Climate Effects

EETD News #17 – Spring 2004, Vol. 5, No. 2

- An Update on the EETD Research Program on Batteries for Advanced Transportation Technologies
- Improved Algorithms Lead to Lab-Scale Combustion Simulations
- To Get to Mars, Use Wheat
- Carbonaceous Aerosols and Climate Change: How Researchers Proved Black Carbon is a Significant Force in the Atmosphere

Research Highlights:

- Agenda 21 Energy-Efficient Office Building Now Open
- Scientist Recognized for Advancing Wind Energy Markets
- EETD Scientist Receives Fellowship
- EETD Scientist Published Important Dosimetry Treatise
- Recognition for Efforts to Protect Buildings From Chemical and Biological Weapon Attacks

EETD News #16 – Winter 2004, Vol. 5, No. 1

- Multi-Building Internet Demand-Response Control System
- ASHRAE Residential Ventilation Standard Approved
- The New York Times and EETD Advance Energy-Efficient Building Design
- States and Cities Follow Federal Lead in Energy-Efficient Purchasing

Research Highlights:

- Ed Vine Honored with Lifetime Achievement Award
- McKone Receives Mehlman Award
- William Golove receives Presidential Award

EETD News #15 – Fall 2003, Vol. 4, No. 4

- Energy Efficiency and Indoor Environmental Quality in Relocatable Classrooms
- CLASP International Success
- A Tool to Predict Exposure to Hazardous Air Pollutants
- Testing New Battery Materials in Standard Cells
- Buildings Technologies Information Gaps Filled by New Sources

Research Highlights:

- Ventilation Standard for Residences Approved
- Mayoral Summit
- Environmental Energy Technologies Division is 30 Years Old

EETD News #14 – Summer 2003, Vol. 4, No. 3

- Understanding the Indoor Concentrations of Outdoor Aerosols in Residences
- EETD Develops New Commercial Duct-Sealing Technology
- Ultraclean Low-swirl Combustion Will Help Clear the Air
- Functional Testing Guide Aids Building Teams
- Motor System Optimization in China: Building a Model for Industrial Energy Efficiency
- Capturing and Tracking Energy-Savings Project Goals with the Design Intent Tool
- Microgrids: Reliable Power in Small Package

Research Highlights:

- Environmental Energy Technologies Division Wins “R&D 100” Awards for EnergyPlus Software
- 2003 World Technology Award for Energy Goes to Environmental Energy Technologies Division

EETD News #13 – Spring 2003, Vol. 4, No. 2

- Saving Energy Through Improved User Interfaces
- Berkeley Lab Helps the City of Oakland Meet Energy Costs
- Thermal Distribution Systems in Large Commercial Buildings
- Cal-Arch: A California Building Energy Tool for Owners and Operators
- Measuring Emissions From Heavy Oil Storage Tanks
- New DOE Building Energy Survey

EETD News #12 – Winter 2003, Vol. 4, No. 1

- EnergyPlus Saves Federal Building \$9 Million in Energy Costs
- D.C. Office Tackles FEMP Initiatives on Government Energy-Efficient Procurement
- Energy-Related IEQ Research: Setting Priorities
- Towards Understanding Atomic and Electronic Structure of Battery Materials
- Climate Change May Increase U.S. Crop Damage From Higher Precipitation
- Data Center Energy Use: Truth versus Myth

EETD News #12 – Winter 2003, Vol. 4, No. 1, continued

Research Highlights:

- Energy Champion
- EETD Scientist Garner Awards
- New Design Tool Analyzes Cost of Operating a Building over its Lifetime
- New Version of ProForm Released
- Quality, Not More Weight, May Make Vehicles Safer

Fall 2002 issue not published

EETD News #11 – Summer 2002, Vol. 3, No. 4

- California Consumers Kept the Lights On
- Quick and Easy Web-Based Assessment Tool for Day/Electric Lighting
- Berkeley Lab Model Tracks Indoor Anthrax Dispersal
- Rating “Green” Laboratories – Labs21 Environmental Performance Criteria

Research Highlights:

- Congressional Clean Energy Expo
- Berkeley Lab Licenses Low-Emission Natural Gas Burner to Maxon Corp.
- EETD Staff Part of Award-Winning Team
- EPOB Head Made Member of Academy
- Published Work Lauded
- Indoor Air 2002 Attracts Widespread Participation
- Berkeley Lab Scientist Honored with World Technology Network Award

EETD News #10 – Spring 2002, Vol. 3, No. 3

- Containing the Effects of Chemical and Biological Agents in Buildings
- Laser Ultrasonic Sensor Streamlines Papermaking Process
- Building a Smarter Light: The IBECs Network/Ballast Interface
- IPMVP – From a DOE-Funded Initiative to a Not-for-Profit Organization
- Skylight Well Reduces Solar Heat Gain

Research Highlights:

- Plan to Reduce Standby Power Loss Gets Energy Globe Award
- Nobelist Uses Berkeley Lamp
- Energy Choices Made More Difficult
- EETD Scientist Honored for Volunteer Work
- AirLiner® a Winner
- Award-Winning EnergyPlus
- California Energy Commission Funds Data Centers Study

EETD News #9 – Fall-Winter 2001-2002, Vol. 3, Nos. 1-2

- BETR North America: A Multimedia Contaminant Fate Model
- High-Performance Rechargeable Batteries for Electric Vehicles
- Climate Change and Wildfire Severity in California
- Cleanroom Energy Benchmarking
- BDA: Integrated Decision Support for the Building Life Cycle
- New Residential Clothes Washer Energy-Efficiency Standards

Research Highlights:

- World’s Smallest Laser
- Indoor Air 2002
- EETD Hosts ACEEE Attendees
- Berkeley Lamp Saves Berkeley Money
- Berkeley Lab Scientist Profiled in Book on American Inventors

EETD News #8 – Summer 2001, Vol. 2, No. 4

- The California Energy Crisis: A Brief Summary of Events
- The California Energy Crisis: Long- and Short-Term Solutions
- High-Performance Commercial Building Systems
- Supporting the Cool Roofs Standard
- Meteorology, Energy, and Air Quality
- High-Performance Fume Hood Reduces Energy Use 50%
- The New Berkeley Lamp Will Light the Way to Energy Savings
- Two Web Sites Help Californians Save Energy

Research Highlights:

- EETD, Philips Relamping Berkeley's Telegraph Avenue
- Max Sherman Made ASHRAE Director-at-Large
- Aeroseal Corporation Acquired
- EETD Displays New Technology at Lighting Event
- Gas-Filled Panels Win R&D 100 Award
- Summer Student Has Rewarding Experience

EETD News #7 – Spring 2001, Vol. 2, No. 3

- New Commercial Building Energy Efficiency Program Launched
- Clean Energy Future Assesses Technology and Policy
- Managing the Health Impacts of Waste Incineration
- The Residential Ventilation Standard
- Improving Air Quality Modeling Results

Research Highlights:

- EETD Garners DOE Awards
- EETD Researcher Teaches Readers to Use Numbers Effectively
- Helping Builders and Homeowners Make Intelligent Window Choices
- VisualSPARK 1.0 Now Available
- EETD Seminar Discusses Energy Crisis
- EETD Develops Energy-Efficient Table Lamp
- EnergySmart Schools Inventors Summit Takes Place at Berkeley Lab

Winter 2001 issue not published

EETD News #6 – Fall 2000, Vol. 2, No. 2

- EETD Study Explores Electricity Use of Office and Network Equipment
- In Memoriam – Joan Daisey
- The Fine XAD Sorbent Coating – 2000 R&D 100 Award Winner
- Polymers Take Charge
- Hotel Survey Illuminates Energy Savings

Research Highlights:

- Energy-Efficient Fume Hood to Begin Field-Testing Phase
- Unusual Approaches to Investigating Energy Efficiency
- Investigating Standby Energy Use of New Internet Technology
- Lab's Energy-Efficiency Research Benefits Shippers of Perishables

Spring 2000 issue not published

EETD News #5 – Spring 2000, Vol. 2, No. 1

- Electrochromic Window Tests in U.S. Office Show Promise
- CLASP Helps Developing Nations Implement Energy Standards
- EETD Scientists Aid Research Efforts Leading to MTBE Ban
- Power Outage Study Team Examines Electricity Reliability

Research Highlights:

- Miscellaneous Electricity Usage Growing
- ProForm: New Software for Environmental Impact Assessment
- EETD Holds Measurement and Verification Training
- Search for Indoor Air Department Head

(*EETD News* Distribution Shifts to Web)

EETD News #4 – Winter 2000, Vol. 1, No. 4

- Lithium Batteries for Hybrid-Electric Vehicles
- New Fluorescent Lamp Ballast Energy Efficiency Standards
- Leading by Example: In-House Energy Management at LBNL
- Berkeley Lab Acts to Implement Presidential “Greening” Order
- The Radon Project Web Site

Research Highlights:

- Researchers Develop GHG-Mitigation Guidelines
- New Tool for Measuring Gas Concentrations
- LBNL Helps USPS Win Governor’s Award

EETD News #3 – Fall 1999, Vol. 1, No. 3

- High-Performance Commercial Buildings
- Diagnostics for Building Commissioning and Operations
- Information Management for Performance Metrics
- EPIcenter: Montana State University’s Green Building Project
- Bild-IT—An Integrated Design Tool for the HVAC Industry
- Desktop Radiance
- Building Design Advisor
- Software Roundup:
 - ADELIN
 - COMIS
 - DOE-2
 - EnergyPlus
 - GenOpt
 - Home Energy Saver
 - RESEM
 - RESFEN
 - SPARK
 - SUPERLITE 2.0
 - THERM
 - WINDOW 4.1
- Current Status of Software Interoperability and DOE Tools

EETD News #2 – Summer 1999, Vol. 1, No. 2

- Energy for Industry
- Laser Ultrasonics for Paper Quality
- Low-Emissions Burner
- Avoiding Particle Deposition in Small Scale Electronics
- Thermal Management for Automobiles
- Energy-Efficiency Improvements for U.S. Steel Industry
- INEDIS: Global Network for Industrial Energy Analysis
- Development Banks and Industrial Energy Efficiency in India
- High-Tech Buildings
- Working Within Markets to Affect Change
- Carbon Monoxide Occupational Sensor
- Materials End-Use Efficiency to Reduce Industrial Energy Demand

Research Highlights:

- An Overview of Proposed ASHRAE Standards
- XRF Helps Archaeologists Determine the Origin of Ancient Pottery
- EETD Research Team Wins *Architecture* Research Award

EETD News #1 – Spring 1999, Vol. 1, No. 1

- Characterizing Diesel Particle Exhaust
- Miscellaneous Electricity Use
- COMIS: An Interzonal Air-Flow Model
- GenOpt: A Generic Optimization Program
- News From the D.C. Office

Around the Division:

- Better and More Efficient Lighting for Post Office Workers
- Gasoline Additive Examined
- Spectrally Selective Low-E Detector Reassures Builders
- Energy Efficiency as an Insurance Loss-Prevention Strategy
- EETD Helps Put Some Air in California's Energy Standards

A-Team Report:

- Pikes Peak Charrette