The Parker Ranch installation in Hawaii

DOE Technical Assistance Program

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Future Funding: Effective Models for Leveraging Public Funds

October 13, 2010

Kimberly Gugino Wollos & Bill Prindle
ICF International

What is TAP?

DOE's Technical Assistance Program (TAP) supports the Energy Efficiency and Conservation Block Grant Program (EECBG) and the State Energy Program (SEP) by providing state, local, and tribal officials the tools and resources needed to implement successful and sustainable clean energy programs.

How Can TAP Help You?

TAP offers:

- One-on-one assistance
- Extensive online resource library, including:
  - ➢ Webinars
  - ➢ Events calendar
  - ➢ TAP Blog
  - ➢ Best practices and project resources
- Facilitation of peer exchange

On topics including:

- Energy efficiency and renewable energy technologies
- Program design and implementation
- Financing
- Performance contracting
- State and local capacity building

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Access the TAP Blog!
http://www.eereblogs.energy.gov/tap/

Provides a platform for state, local, and tribal government officials and DOE's network of technical and programmatic experts to connect and share best practices on a variety of topics.

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We encourage you to:

1) Explore our online resources via the Solution Center
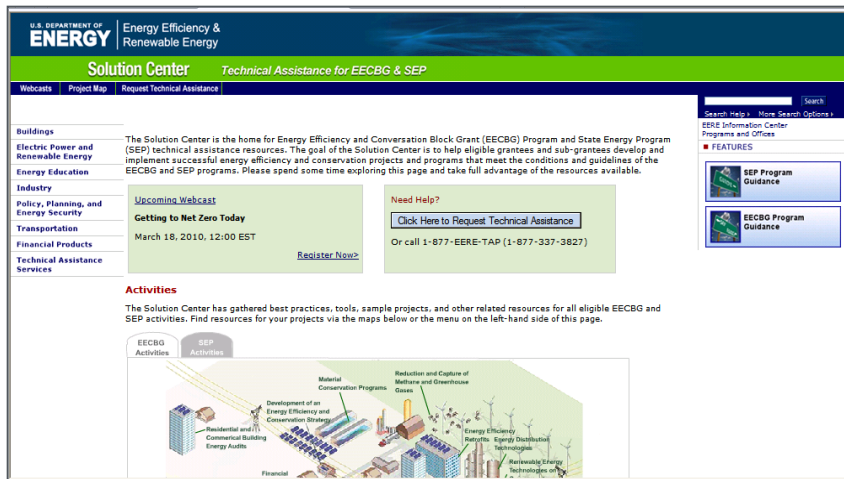
2) Submit a request via the Technical Assistance Center
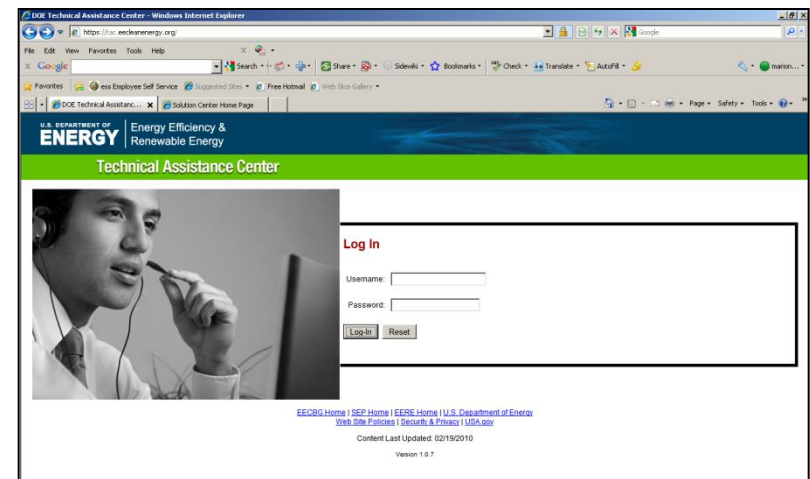
3) Ask questions via our call center at
1-877-337-3827 or email us at
solutioncenter@ee.doe.gov

Leveraging Utility/State Energy Efficiency Program Funding

Bill Prindle

Vice President, ICF International

TAP Webinar

October 13, 2010

Overview

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- National and state utility-sector energy efficiency funding levels

- ARRA guidance on working with existing programs

- Working with utility sector programs

- Next steps/action plan

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U.S. Combined Electric and Gas Program Budgets, 2006–2009

Legend:
- Commercial and Industrial
- Residential
- Low Income
- Load Management
- Other
- Not Allocable By Sector

Values: 2006: 2600, 2007: 3100, 2008: 3700, 2009: 5300 (MILLIONS $USD)
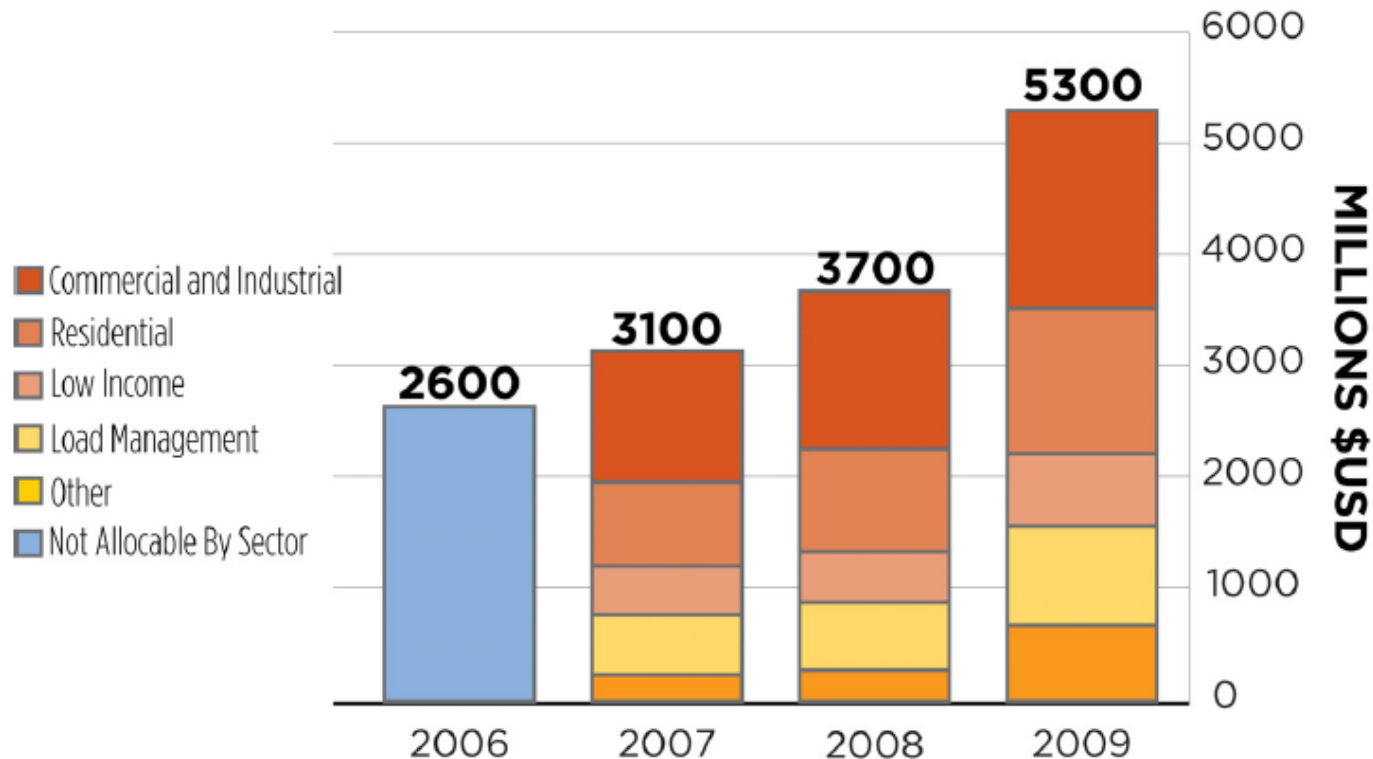
Source: Consortium for Energy Efficiency 2009 Industry Report

Figure 4 U.S. Energy Efficiency and Load Management Budgets by Region, 2009, Electric and Gas Combined
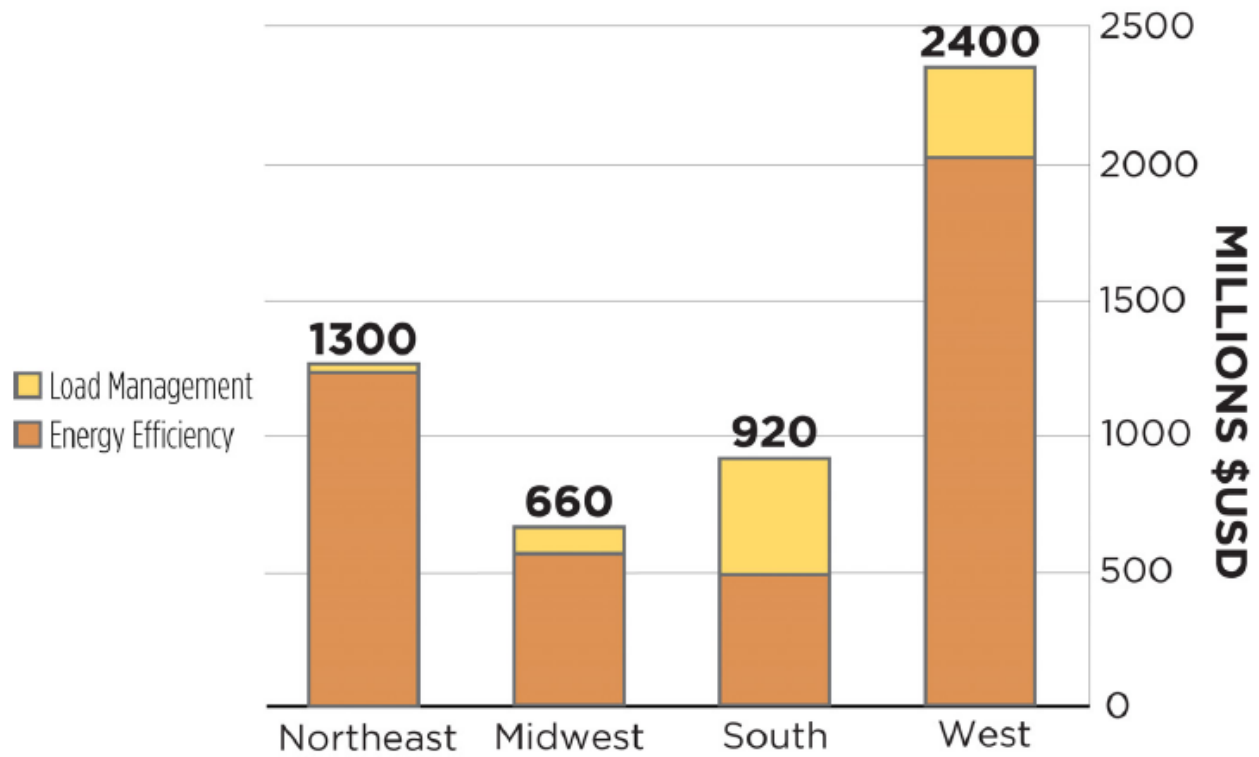
Source: Consortium for Energy Efficiency 2009 Industry Report

Figure 7 U.S. Electric Program Budgets per Capita by State, 2009, Energy Efficiency Only (Excludes Load Management)

State	$USD
Vermont	49.38
New Jersey	33.57
Pacific Northwest	28.68
Connecticut	27.64
Hawaii	27.54
California	27.16
Massachusetts*	27.09
Rhode Island	22.38
New York	19.41
Iowa	18.52
Wisconsin	17.96
Nevada	16.13
Maine	15.83
New Hampshire*	12.33
Utah	11.78
Minnesota*	11.03
Colorado	9.46
Arizona	7.56
New Mexico	7.26
Florida	7.24
North Carolina†	7.20
Michigan	5.01
Wyoming	4.93
Illinois*	4.90
Maryland	4.89
Texas	4.06
Missouri	3.84
Kentucky†	3.76
Nebraska	3.40
South Carolina	3.26
Arkansas	2.69
Indiana	2.13
Georgia†	2.11
Tennessee Valley Authority	1.67
Ohio*	1.62
Oklahoma	1.03
Mississippi†	0.93
Alabama†	0.88
Louisiana	0.51
Kansas*	0.33
South Dakota	0.31
North Dakota	0.25

10.94 Mean per Capita

Source: Consortium for Energy Efficiency 2009 Industry Report

Projected Ratepayer-Funding for EE
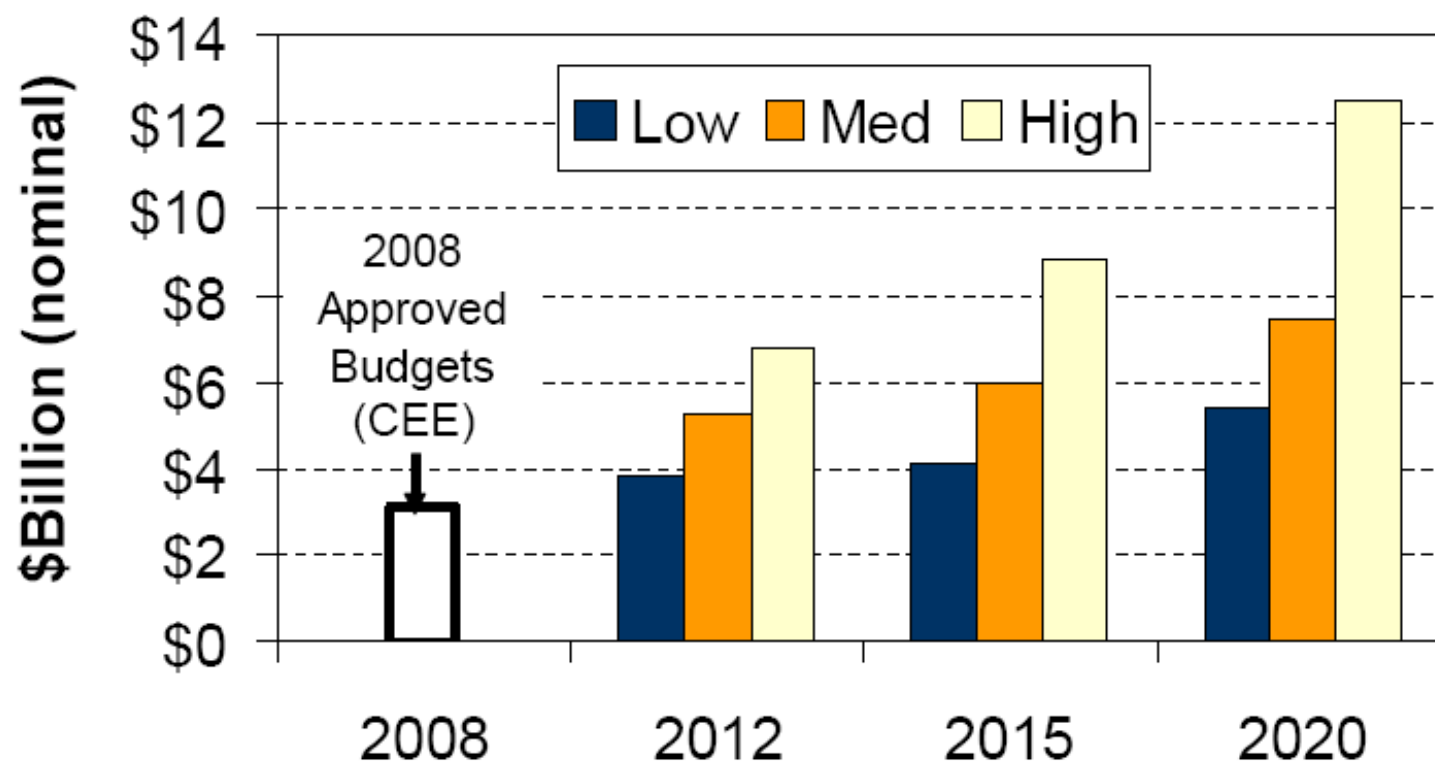
Source: Barbose, Goldman, Schlegel 2009. Lawrence Berkeley National Laboratory.

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- "Supplement, don't supplant"

- Intent of Congress to work with existing programs where possible

- EECBG projects not explicitly limited by cost-effectiveness tests
  - State/utility programs typically have explicit cost-effectiveness criteria

- EECBG grant dollars can pay for measures that may not be cost-effective in utility programs

"Flavors" of State/Utility EE Program Funding

- Public benefits funds (PBFs, in ~20 states)
  - Defined dollar amounts collected via utility bills
  - Administration may be via utilities, state agencies, or third parties
  - Funding levels drive program activity
  - Attribution and cost-effectiveness less closely tracked
  - Program designs can be more flexible and creative

  Implication for EECBG grantees: work with PBF administrators to help shape future programs

"Flavors" of State/Utility EE Program Funding

- Energy Efficiency Resource Standards (~19 states)
  - Legislated long term savings targets drive programs
  - Funding/rate impact caps may also apply
  - Programs can be administered by utilities or others, but utilities are held accountable
  - Attribution and cost-effectiveness regulated by state utility commissions

  Implication for EECBG grantees: Work with program planners to offer new ways to meet savings goals

- Regulatory-process DSM
    - No pre-set funding or savings levels
    - Utilities file plans for overall resources and program portfolios
    - Programs are administered by utilities or contractors
    - Attribution and cost-effectiveness are examined very closely

    Implication for EECBG grantees: Work with regulatory process to help shape program models to serve local government needs

Public Building Programs

- Contact your local utility to find out what programs are available/what measures they cover

- Design your future projects to supplement utility program funds
  - Example: utility program provides rebates for lighting and air conditioning equipment; use municipal program to install building envelope and heating equipment

- Work with your utility to tailor future programs to local government needs

Market-Focused Programs

- Partner with utilities to:
  - Help promote and supplement EECBG programs
  - Directly administer programs
  - Promote utility programs as complementary to EECBG
    - Example: EECBG program focuses on comprehensive home energy retrofits; utility program provides incentives for air conditioning and duct sealing, and subsidizes energy audits; grantee works with the utility to coordinate program promotion and operations, and may directly process utility rebates.

Utilities as Key Data Sources

- Benchmarking and reporting: utilities may be willing to provide customer billing data for initial benchmarking, and for periodic reporting as EECBG requires.

- Some utilities are moving to automated benchmarking, which allows electronic billing data retrieval through EPA's ABS web facility.

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- Coordination: any good relationship takes a lot of communication. It can take time and effort to gain and sustain effective working relationships among programs in the field.

- Attribution: where EECBG and utility funds are committed in the same markets, and sometimes on the same projects, agreements may need to worked out so that each party gets appropriate savings credit for program reporting purposes.

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1. Call your area utility if you have not already to find out what programs are available or in development.

2. If you have not finished program/project design, coordinate it with utility programs as appropriate.

3. If your program/project and the utility's are already launched, work on coordinating promotion and operations as appropriate.

4. If utility programs are still in the planning stage, or if there are future opportunities to provide input, participate in those processes.

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- ACEEE's State Energy Policy Website:

    http://www.aceee.org/sector/state-policy

- Database of State Incentives for Renewable Energy (DSIRE):

    http://www.dsireusa.org/

- National Association of State Energy Officials:

    http://www.naseo.org

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Leveraging HUD Program Funding

Kim Gugino Wollos
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TAP Webinar
October 13, 2010

Overview

- HUD Programs to Leverage

- Considerations When Leveraging HUD Funding

- Next Steps

- Resources

- Future HUD Funding Sources

- Other Funding Sources

- Supports sustainable housing and community efforts
- Loans and grants for building or retrofitting housing for low-and moderate-income households
- Eligible uses, beneficiaries, and restrictions vary by program
- Points of contact vary by program
  - Housing and Community Development Departments, State Housing Finance Agencies, Public Housing Authorities, Nonprofits
- HUD encourages green building and energy efficiency improvements in properties

- Many HUD Programs are to benefits low- and moderate-income household
- HUD Income Limits are updated each year and vary by geographic area
  - Posted to HUD User http://www.huduser.org/portal/datasets/il.html
- For the HOME Program, a family of 4 in New York City
  - Very Low income limit is $39,600
  - Low income limit is $63,350
- For the HOME Program, a family of 4 in Bismarck, ND
  - Very Low income limit is $34,000
  - Low income limit is $54,440

HUD Programs to Leverage:

- Neighborhood Stabilization Program (NSP)

- Community Development Block Grant (CDBG)

- Indian Community Development Block Grant (ICDBG)

- Indian Housing Block Grant (IHBG)

- HOME Partnership Investment (HOME)

- Section 202 Housing for the Elderly

- Section 811 Housing for Persons with Disabilities

- Section 8 Project-Based Voucher Program

- Public Housing Capital Fund

- HOPE VI Revitalization Grants

Neighborhood Stabilization Program (NSP)

- ARRA funded, used to buy, fix up, and resell foreclosed and abandoned homes

- Grantees: State and local governments and nonprofits
  - http://hudnsphelp.info/index.cfm?do=viewGranteeAreaResults

- HUD encouraging green building and energy efficiency improvements in housing

- EECBG can fund energy efficiency, green building measures, renewable energy technology, support neighborhood revitalization efforts

- More info: http://hudnsphelp.info

Community Development Block Grant (CDBG)

- Entitlement program, benefit low-income by revitalizing neighborhoods, economic development, community facilities & services

- Grantees: Housing & Community Development Dept in State & Local gov't
  - http://www.hud.gov/offices/cpd/communitydevelopment/programs/contacts/

- EECBG can fund energy efficiency, green building measures, renewable energy technology, support neighborhood revitalization efforts

- More info:
  - http://www.hud.gov/offices/cpd/communitydevelopment

Indian Community Development Block Grant (ICDBG)

- Direct grants, decent housing and economic opportunities for low-income persons in Indian and Alaska Native communities

- Grantees: Indian tribes or tribal organizations
  - http://www.hud.gov/offices/pih/ih/grants/2009icdbg-awards.pdf

- EECBG can fund energy efficiency, green building measures, renewable energy technology, support neighborhood revitalization efforts

- More info:
  - http://www.hud.gov/offices/pih/ih/grants/icdbg.cfm

Indian Housing Block Grant (IHBG)

- Housing or housing services for low-income Indian families on Indian reservations and other Indian areas
- Grantees: Indian tribes & Alaskan Native villages
  - http://www.hud.gov/offices/pih/ih/codetalk/onap/ihbgformula.cfm
- Energy efficiency and conservation new addition to rehabilitation
- EECBG can fund energy efficiency, green building measures, renewable energy technology, audits
- More info:
  - http://portal.hud.gov/portal/page/portal/HUD/programdescription/ihbg

HOME Investment Partnership Program (HOME)

- Largest Federal block grant to State & local gov'ts exclusively to create affordable housing for low-income households

- Grantees: Housing & Community Development Dept in State & Local gov't
  - http://www.hud.gov/offices/cpd/affordablehousing/programs/home/contacts

- EECBG can fund energy efficiency, green building measures, renewable energy technology, audits

- More info:
  - http://www.hud.gov/offices/cpd/affordablehousing/programs/home

Section 202 Housing for Elderly

- Competitive funds; affordable housing with supportive services for the elderly

- Grantees: private nonprofits

- EECBG can fund energy efficiency, green building measures, renewable energy technology, audits

- More info:
  - http://www.hud.gov/offices/hsg/mfh/progdesc/eld202.cfm

Section 811 Housing for Persons with Disabilities

- Competitive funds; affordable rental housing with supportive services for persons with disabilities

- Grantees: 501(c)(3) nonprofits

- EECBG can fund energy efficiency, green building measures, renewable energy technology, audits

- More info:

  - http://www.hud.gov/offices/hsg/mfh/progdesc/disab811.cfm

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- Competitive funds; development, financing, and modernization of public housing

- Grantees: Public Housing Authorities

- Leverage private sector funding or financing for energy conservation retrofit investments

- EECBG can fund energy efficiency, green building measures, renewable energy technology, audits

- More info :
  - http://www.hud.gov/offices/pih/programs/ph/capfund/cffp.cfm

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- Improve severely distressed public housing through demo, rehab, replacement of housing and improve neighborhood

- Grantees: Public Housing Authorities

- EECBG can fund energy efficiency, green building measures, renewable energy technology, audits

- More info :
  - http://www.hud.gov/offices/pih/programs/ph/hope6/grants/revitalization/

Considerations when Leveraging HUD Funds

- Understanding the Rules: HUD programs have a number of rules so it's important to understand which rules apply when combining funding sources.

- Subsidy Layering: Some HUD programs require a subsidy layering analysis when combining funding sources.

- Coordination: Any good relationship takes a lot of communication. It can take time and effort to gain and sustain effective working relationships with other agencies or organizations.

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1. Call your local program contacts, such as the Housing and Community Development Department in your local or state government, to determine opportunities for supporting energy efficiency and green building efforts.

2. If local agencies have not developed an energy efficiency/green strategy, participate in those processes.

3. If local agencies have not yet begun designing or developing housing or energy efficiency/green, support those processes.

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- **HUD Green Homes & Communities**
  - http://www.hud.gov/offices/cpd/about/conplan/greenhomes.cfm

- **Bringing Home the Green Recovery**
  - http://www.greenforall.org/resources/recoveryusersguide

- **ICLEI – Local Governments for Sustainability**
  - http://www.icleiusa.org/action-center/financing-staffing/funding-grant-opportunities/federal-and-national-funding

Future HUD Funding

- **Choice Neighborhoods**
  - Transform distressed neighborhoods into sustainable, energy-efficient, mixed-income neighborhoods
  - Eligible Entities: Local governments, public housing authorities, nonprofits, for-profit developers with a public entity
  - Funds: Total available $65,000,000
    - Planning Grants: $250,000 individual grant max.
    - Implementation Grants: $31M individual grant max.

  - More info: http://www.hud.gov/offices/pih/programs/ph/cn/

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- Sustainable Communities Regional Planning
  - Improve regional planning, integrate housing & transportation decisions, improve land use & zoning
  - Eligible Entities: consortiums of local governments, regional planning agencies, nonprofits, Indian tribes
  - Funds: Total available $100,000,000
  - More info: http://portal.hud.gov/portal/page/portal/HUD/program_offices/sustainable_housing_communities/Sustainable%20Communities%20Regional%20Planning%20Grants

Foundation Databases/ Directories by State

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- *CA: Foundation & Grantmakers Directory.* Northern California Community Foundation, Inc.
  http://www.foundations.org/grantmakers.html

- *CO: Financial Assistance.* Colorado Department of Local Affairs.
  http://www.dola.state.co.us/financial_assistance.html

- *DE: Directory of Delaware Grantmakers 2003.* Delaware Community Foundation.
  http://www.delcf.org/Download/2003%20DIRECTORY%20OF%20DELAWARE%20GRANTMAKERS.pdf

- *MA: Grantmakers in Massachusetts.* Fundsnet Online Services.
  http://www.fundsnetservices.com/massachu.htm

- *MA/NH: Associated Grant Makers.* Associated Grant Makers. http://www.agmconnect.org
  The *Grant Makers Directory* is available to members only.

- *NH: Directory of Charitable Funds in New Hampshire.* New Hampshire Department of Justice.
  http://doj.nh.gov/publications/directory-main.html

- *NJ: Directory of Registered Charities (Database).* Office of the Attorney General. Division of Consumer
  Affairs. http://www.state.nj.us/lps/ca/charity/chardir.htm

- *NM: New Mexico Funding Directory (Database).* University of New Mexico's Office of the Vice Provost for
  Research. http://research.unm.edu/nmfd/index.cfm

- *NM: New Mexico Funding Directory. 6th ed.* University of New Mexico's Office of the Vice Provost for
  Research. http://research.unm.edu/publications/nmfd_book/

- *SC: South Carolina Foundation Directory 2006.* South Carolina State Library.
  http://www.statelibrary.sc.gov/grant-and-funding-sources

- *SD: South Dakota Grant Directory (Database).* South Dakota State Library.
  http://apps.sd.gov/applications/de100sdgrantdir/

Private Funding Databases

- *GuideStar* at: http://www2.guidestar.org/AdvancedSearch.aspx allows you to search more than 1 million U.S. nonprofits by subject, category, keyword, state, nonprofit type, etc. to identify local or state organizations.

- *The Foundation Center.* http://foundationcenter.org/

  – *Foundation Funder* at: http://foundationcenter.org/findfunders/

  – *Links to Private Foundation websites*, A-Z, Subject, Geographic, or Keyboard search at: http://foundationcenter.org/getstarted/topical/sl_dir.html

  – *Links to Grantmaking Corporate Foundation websites*, A-Z, Subject, Geographic, or Keyboard search at: http://foundationcenter.org/getstarted/faqs/html/corporate_giving.html

  – *Foundation Finder* at: http://foundationcenter.org/findfunders/

- *Community Foundations by State*. TGCI, The Grantsmanship Center. http://www.tgci.com/funding.shtml

- *Community Foundations by State*. Council On Foundations. http://www.cof.org/whoweserve/community/resources/index.cfm?navItemNumber=15626#locator

- *Idealist.org* at: http://www.idealist.org allows you to search more than 40,000 nonprofit and community organizations in 165 counties by city, state, keyword, etc.

- *Search for Charities.* IRS. Search by city, city and state, or state. http://www.irs.gov/charities/index.html

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Please join us again:

Title: **Energy Management Systems: Maximizing Energy Savings**
Host: Sara Lisauskas, ICF International
Date: October 15, 2010
Time: 12:00-1:30 EDT

Title: **Driving Demand #2: Lessons from the Field**
Host: Merrian Fuller, Lawrence Berkeley National Lab
Date: October 19, 2010
Time: 2:00-3:15 EDT

Title: **Overcoming Common Pitfalls: Energy Efficient Lighting Projects**
Host: Jeffrey Schwartz, ICF International and Heidi Steward, Pacific Northwest National Lab
Date: October 21, 2010
Time: 12:00-1:30 EDT

Title: **Tips and Tools for Promoting Your Energy-Efficiency Project**
Host: Nancy Raca, ICF International and Jim Arwood, NASEO
Date: October 22, 2010
Time: 12:00-1:00 EDT

Title: **Quality Assurance for Residential Retrofit Programs**
Host: David Keefe and Jim Grevatt, VEIC
Date: October 26, 2010
Time: 2:00-3:00 EDT

Title: **RETScreen Training 101**
Host: Sarah Busche and Jimmy Jones, NREL
Date: October 27, 2010
Time: 3:00-4:15 EDT

Title: **Benchmarking Your Building's Energy Using EPA's ENERGY STAR Portfolio Manager**
Host: Peter Flippen, ICF International
Date: October 28, 2010
Time: 12:00-1:00 EST

For the most up-to-date information and registration links, please visit the Solution Center webcast page at www.wip.energy.gov/solutioncenter/webcasts