

ECONOMIC OPPORTUNITY STUDIES

400 NORTH CAPITOL STREET, SUITE G-80, WASHINGTON, D.C. 20001
 Tel. (202) 628 4900 Fax (202) 393 1831 E-mail info@opportunitystudies.org

Reports on Energy Affordability Programs and on Research Relevant to Program Performance (Sorted by program type)

Compiled by Eli Nesson

Program Location	Evaluation Title	Year	Type	How to get to it (best available contact info)
CO	Recommendations on Models and Vendors- CFL	2006	CFL	http://www.appriseinc.org/reports/Colorado%202006.pdf
WI	Low-income Public Benefits Evaluation: The Evaluation of the Low-income Compact Fluorescent Lightbulb Pilot	2004	CFL	http://www.doa.state.wi.us/docs_view2.asp?docid=2495
WI	Low-Income CFL Pilot Program	2003	CFL	http://www.doa.state.wi.us/docs_view2.asp?docid=2495
US	Examining the Peak Demand Impacts of Energy Efficiency: A Review of Program Experience and Industry Practices	2007	Electric Demand-Response	http://www.aceee.org/store/proddetail.cfm?CFID=2782901&CFTOKEN=26511439&ItemID=427&CategoryID=7
US	Exploring the Relationship Between Demand Response and Energy Efficiency: A Review of Experience and Discussion of Key Issues	2005	Electric Demand-Response	http://www.aceee.org/store/proddetail.cfm?CFID=2782901&CFTOKEN=26511439&ItemID=389&CategoryID=7
IA, SC	Energy Efficiency Through Education and Low-Cost Measures	2005	Energy Education	Home Energy. September-October 2005 http://www.homeenergy.org/toc.php?id=17&mag_title=September/October_2005
CA	Evaluation of California's Statewide Training and Education Centers	2004-2005	Energy Education	SCE(626-302-9153) Carol Yin
WI	An Education and Training Evaluation that Changed a Program	2003	Energy Education	http://www.caenergy.com/events/iepec/abstracts/papers/080.PDF

Program Location	Evaluation Title	Year	Type	How to get to it (best available contact info)
WI	Education That Changes Behavior: The Impacts of the BOC Program	2003	Energy Education	http://www.caenergy.com/events/iepec/abstracts/papers/081.PDF
WI	Are Education and Training Programs Producing Knowledge and Behavioral Effects in Wisconsin?	2003	Energy Education	http://www.caenergy.com/events/iepec/abstracts/papers/082.PDF
NY	New York Energy \$martSM Cool It! Market Research Report	2005	Home Performance	http://www.aceee.org/store/proddetail.cfm?CFID=2782901&CFTOKEN=26511439&ItemID=403&CategoryID=7
WI	State of WI Focus on Energy Statewide Evaluation of Home Performance with ENERGY STAR Whole-House Component	2003	Home Performance	http://www.doa.state.wi.us/docview.asp?docid=986
MO	KCP&L's Low-Income Weatherization Program	2006-2008	Low-Income Public Benefits	Sue Nathan, KCP&L (Susan.nathan@kcpl.com)
NH	New Hampshire Weatherization (HWAP) Program Evaluation	2007	Low-Income Public Benefits	NH Office of Energy and Planning
PA	PA Low-Income Usage Reduction Program Evaluation	2007	Low-Income Public Benefits	Philadelphia Gas Works
UT	PacifiCorp, Assessment of Low-Income Arrearage Levels	2007	Low-Income Public Benefits	http://www.psc.utah.gov/elec/05docs/0503554/3-23-07PacifiCorp_Final%20Arrearage%20Report.pdf
WA	PacifiCorp, Evaluation of the Washington Weatherization Program	2007	Low-Income Public Benefits	http://weatherization.ornl.gov/pdf/Con478.pdf
MD	Impact Evaluation of Columbia Gas of Maryland's Low-Income Weatherization Program: Calendar Year 2005	2007	Low-Income Public Benefits	Columbia Gas
PA	Columbia Gas of PA Warm Choice Evaluation	2007	Low-Income Public Benefits	Columbia Gas of PA
US	Measures that Save the Most Energy	2007	Low-Income Public Benefits	http://www.appriseinc.org/presentations/aci_2007.ppt
CA	Joint Utility Low Income Energy Efficiency Program, 2005 Costs and Bill Savings Report	2006	Low-Income Public Benefits	http://www.ligb.org/DOCS/ACF7F.doc
UT	PacifiCorp, Evaluation of the Low Income Rate Discount Program	2006	Low-Income Public Benefits	http://www.psc.utah.gov/elec/05docs/0503554/3-23-07PacifiCorp_Final%20Arrearage%20Report.pdf

Program Location	Evaluation Title	Year	Type	How to get to it (best available contact info)
OH	Ohio Electric Partnership Program Evaluation	2006	Low-Income Public Benefits	http://www.affordablecomfort.org/images/Events/20/Courses/622/LENAHAN_RES7.pdf
US	Affordable Payment Plans: What Evaluations Show	2006	Low-Income Public Benefits	NLIEC Conference, Washington, DC
IN	Evaluation of Cinergy Corp's Payment Plus Pilot Program - Results of a Process, Customer Satisfaction, and Arrearage Effects Evaluation	2002-2006	Low-Income Public Benefits	Kathy Schroder, Cinergy Corp. / Duke Energy (Kathy.Schroder@duke-energy.com)
OH, KY	Assessing and Comparing the Energy Impacts of Three Weatherization Programs in Ohio and Kentucky.	2005	Low-Income Public Benefits	http://www.caenergy.com/events/iepec/abstracts2005/papers/038.pdf
CA	Facing Uncertainty from Within and Without: An Impact Evaluation of the California Low Income Energy Efficiency Program	2005	Low-Income Public Benefits	http://www.caenergy.com/events/iepec/abstracts2005/papers/039.pdf
MD	Is Maryland's Electric Universal Service Program Getting the Job Done? A Review of Findings to Date	2005	Low-Income Public Benefits	http://www.caenergy.com/events/iepec/abstracts2005/papers/067.pdf
WI	Evaluating Wisconsin's Low Income Programs: Final Results of the Longitudinal Study and Resulting Changes	2005	Low-Income Public Benefits	http://www.caenergy.com/events/iepec/abstracts2005/papers/069.pdf
CA	Hard to Reach? Hard to Tell: Lessons Learned From California	2005	Low-Income Public Benefits	http://www.caenergy.com/events/iepec/abstracts2005/papers/110.pdf
CA	Who Are the Real Non-Participants in California: A Two-Year Examination of California's Residential Energy Efficiency Portfolio?	2005	Low-Income Public Benefits	http://www.caenergy.com/events/iepec/abstracts2005/papers/112.pdf
US	Meeting Essential Needs: The Results of a National Search for Exemplary Utility-Funded Low-Income Energy Efficiency Programs	2005	Low-Income Public Benefits	http://treatsoftware.com/download/ACEEEAward.pdf
NH	Impact Evaluation of the New Hampshire Electric Utilities' Low-Income Retrofit Program	2005	Low-Income Public Benefits	Tom Belair, PSNH (belairt@psnh.com)

Program Location	Evaluation Title	Year	Type	How to get to it (best available contact info)
CA	2005 California Low-Income Energy Efficiency Program Evaluation (subcontractor under Westhill Energy and Computing)	2005	Low-Income Public Benefits	Energy Center of Wisconsin, Southern California Edison
IN	Cinergy's Pilot Arrearage Reduction Program Process and Impact Evaluation	2002-2005	Low-Income Public Benefits	Kathy Schroder, Cinergy Corp. / Duke Energy (Kathy.Schroder@duke-energy.com)
UT	PacifiCorp, Evaluation of Utah HELP Program	2004	Low-Income Public Benefits	http://www.psc.state.ut.us/elec/03docs/0303501/Evaluation%20of%20the%20HELP%20Program-4-24-03.doc
KY	Impact evaluation of the Kentucky Power Company's Targetted Energy Efficiency Program (TEE Program)	2004	Low-Income Public Benefits	Don Music, AEP-Kentucky (dmusic@aep.com)
IN	Cinergy Low-Income Weatherization Process and Impact Evaluation	2002-2004	Low-Income Public Benefits	Kathy Schroder, Cinergy Corp.
IN	Cinergy Weatherization Impact Evaluation	2001-2004	Low-Income Public Benefits	Kathy Schroder, Cinergy Corp. / Duke Energy (Kathy.Schroder@duke-energy.com)
CA	Evaluating Low Income Energy Efficiency in California	2003	Low-Income Public Benefits	http://www.caenergy.com/events/iepec/abstracts/papers/039.PDF
US	Responding to the Natural Gas Crisis: America's Best Natural Gas Energy Efficiency Programs	2003	Low-Income Public Benefits	http://www.aceee.org/store/proddetail.cfm?CFID=2782901&CFTOKEN=26511439&ItemID=373&CategoryID=7
NY	Evaluating the New York Energy \$MartSM Low-Income Energy Affordability Program (LEAP)	2003	Low-Income Public Benefits	http://www.caenergy.com/events/iepec/abstracts/papers/037.PDF
MA	Process evaluation of Cape Light Compact's three low-income programs	2002-2003	Low-Income Public Benefits	Kevin Galligan, CLC (kfg@cape.com)
NC	Duke Energy's Pilot Arrearage Reduction Program Process and Impact Evaluation	2001-2003	Low-Income Public Benefits	Kathy Schroder, Cinergy Corp. / Duke Energy (Kathy.Schroder@duke-energy.com)
WI	State of Wisconsin Focus on Energy Statewide Evaluation, Year 1 Low-income Program Evaluation	2002	Low-Income Public Benefits	http://www.doa.state.wi.us/docs_view2.asp?docid=1004
OH	Ohio EPP Interim Process Evaluation	2002	Low-Income Public Benefits	http://www.appriseinc.org/reports/Ohio%20Interim.pdf
US	Toward an Optimal Design for Low-Income Assistance Programs	2002	Low-Income Public Benefits	Home Energy. May-June 2002

Program Location	Evaluation Title	Year	Type	How to get to it (best available contact info)
MO	Missouri Gas Energy Low-Income Weatherization Program Evaluation	2001 - 2002	Low-Income Public Benefits	Charles Hernandez, Missouri Gas Energy
IN	Process and Impact Evaluation of Cinergy's PIPP Educational Pilot Program	1999-2000	Low-Income Public Benefits	Kathy Ruthen, Cinergy Corp.
TX	Evaluation of Texas Utilities' low-income e-Wise program	1997-2000	Low-Income Public Benefits	Price Robertson, Texas Utilities
IN, OH, KY	Non-Energy Benefits from Cinergy's Weatherization Program	1999	Low-Income Public Benefits	Kathy Ruthen, Cinergy Corp.
WI	Wisconsin Low-Income Shared Savings Weatherization Program	1996-1999	Low-Income Public Benefits	Jim Mapp, Wisconsin Energy Bureau (Jim.Mapp@doa.state.wi.us)
MI	Low-Income Whole-House Collaborative	1993-1995	Low-Income Public Benefits	Teri Boertman, Consumer Energy
SW region	Lighting Systems in Southwestern Homes: Problems and Opportunities	2005	Lighting	http://www.swenergy.org/pubs/Lighting_Technical_Report.pdf
Canada	A Review of U.S. and Canadian Lighting Programs for the Residential, Commercial and Industrial Sectors	1991	Lighting	http://www.aceee.org/store/proddetail.cfm?CFID=2782901&CFTOKEN=26511439&ItemID=160&CategoryID=7
New England	Massachusetts, Rhode Island, and Vermont Residential Lighting Impact Evaluation		Lighting	Efficiency Vermont
OR	State of Oregon, Evaluation of Energy Assistance Program	2003	LIHEAP	http://egov.oregon.gov/OHCS/CRD/SOS/docs/OEA_Evaluation_011303_final.pdf
OR	State of Oregon, Residential Energy Assistance Challenge Program	2002 & 2007	LIHEAP-Reach	http://liheap/ncat.org
US	Residential Retrofits: Directions in Market Transformation	2003	Market Transformation	http://www.aceee.org/store/proddetail.cfm?CFID=2782901&CFTOKEN=26511439&ItemID=374&CategoryID=7
US	Market Transformation: Substantial Progress from a Decade of Work	2003	Market Transformation	http://aceee.org/pubs/a036full.pdf
CA	Examining California's Energy Efficiency Policy Response to the 2000/2001 Electricity Crisis: Practical Lessons Learned Regarding Policies, Administration, and Implementation	2003	Market Transformation	http://www.aceee.org/store/proddetail.cfm?CFID=2782901&CFTOKEN=26511439&ItemID=354&CategoryID=7

Program Location	Evaluation Title	Year	Type	How to get to it (best available contact info)
NY	Addicted to Rebates? Or are they just what the doctor ordered?	2003	Market Transformation	http://www.caenergy.com/events/iepec/abstracts/papers/018.PDF
CA	Changes in Household Energy Use as a Result of the California Energy Crisis	2003	Market Transformation	International Energy Evaluation Conference - CD-ROM
US	Screening Market Transformation Opportunities: Lessons from the Last Decade, Promising Targets for the Next Decade	2002	Market Transformation	http://www.aceee.org/pubs/u022full.pdf
US	Influencing the Purchase of Energy Efficient Products: It's Not as Easy as It Looks	2000	Market Transformation	ACEEE Press 8:185-196
CO	Colorado Mass Distribution Program Research	2006	Mass Efficiency Distribution	Governor's Office of Energy Management and Conservation
WI	A Comparison of Two Programmatic Approaches to Increasing Efficiency in Multifamily Buildings	2005	Multifamily	http://www.caenergy.com/events/iepec/abstracts2005/papers/111.pdf
IN, OH, KY	Cinergy's Non-Profit Energy Management Program (NEMP) Process Evaluation	2002	Non-Profit Efficiency	George Sundrup, Cinergy Corp.
CA	SDG&E Local Residential Hard-to-Reach Lighting Program, SCG Local Diverse Market Outreach Program, SDG&E Local Residential In-Home Audits Program	2003-2005	Outreach Various Low-income	Rob Rubin, Sempra Utilities (rrubin@semprautilities.com)
CA	California Low Income Needs Assessment Study	2003-2007	Public Benefits Efficiency	CARE and LIEE
US	Valuation of Non-Energy Benefits to Determine Cost-Effectiveness of Whole-House Retrofits Programs: A Literature Review	2006	Public Benefits Efficiency	http://www.aceee.org/store/proddetail.cfm?CFID=2782901&CFTOKEN=26511439&ItemID=414&CategoryID=7
CO	Colorado Energy Saving Partners: Impact Evaluation Report	2006	Public Benefits Efficiency	Governor's Office of Energy Management and Conservation
NY	Evaluation of Public Benefits Programs: A Review of the NYSERDA Experience to Date	2006	Public Benefits Efficiency	ACEEE Summer Study on Energy Efficiency in Buildings - panel 12
MA	Telephone surveys regarding low-	2006	Public Benefits	Steve Bonanno, NSTAR

Program Location	Evaluation Title	Year	Type	How to get to it (best available contact info)
	income customers participating in NSTAR Energy Bucks programs		Efficiency	(stephen.bonanno@nstar.com)
US	Lessons from 25 Years of Demand Side Management, Low-Income Programs	2006	Public Benefits Efficiency	Affordable Comfort, Austin, TX
Mid West	Examining the Potential for Energy Efficiency to Help Address the Natural Gas Crisis in the Midwest	2005	Public Benefits Efficiency	http://www.aceee.org/store/proddetail.cfm?CFID=2782901&CFTOKEN=26511439&ItemID=386&CategoryID=7
PA	Low-Income Electric Usage Reduction	2005	Public Benefits Efficiency	http://www.caenergy.com/events/iepec/abstracts2005/papers/040.pdf
NY	Learning from Successive Evaluations of a Low-Income Program	2005	Public Benefits Efficiency	http://www.caenergy.com/events/iepec/abstracts2005/papers/068.pdf
OR	Eugene Water and Electric Board, Evaluation of All Low-Income Programs	2005	Public Benefits Efficiency	EWEB
OH	Electric Baseload Programs - The Ohio Experience	2005	Public Benefits Efficiency	Affordable Comfort, Indianapolis, IN
MA, NH, NY	Leveraging National ENERGY STAR Survey Data for State-Level Evaluation: A Focus on Massachusetts, New Hampshire, and New York	2005	Public Benefits Efficiency	http://www.caenergy.com/events/iepec/abstracts2005/papers/108.pdf
NY	Evaluation of Targetted Home Performance for ENERGY STAR	2002-2005	Public Benefits Efficiency	NYSERDA
US	TecMarket Works' Non-Energy Benefits Database	1999-2005	Public Benefits Efficiency	Nick Hall, TecMarket Works (NPHall@TecMarket.net)
US	Five Years In: An Examination of the First Half-Decade of Public Benefits Energy Efficiency Policies	2004	Public Benefits Efficiency	http://www.aceee.org/pubs/u041.pdf
US	Multifamily Markets: Hard-to-Reach and Hard-to-Serve	2004	Public Benefits Efficiency	Robert Bordner and M. Wold - Proceedings of American Council for an Energy-Efficient Economy Summer Study Session, ACEEE - panel 2
US	A Follow-Up of the Status of Reliability-Focused Energy Efficiency Programs Launched During the Electricity Crisis of 2001:	2003	Public Benefits Efficiency	http://www.aceee.org/store/proddetail.cfm?CFID=2782901&CFTOKEN=26511439&ItemID=351&CategoryID=7

Program Location	Evaluation Title	Year	Type	How to get to it (best available contact info)
	Implications for Policy			
US	On the Threshold of Energy Efficiency in California: A Nationwide Best Practices Study of Energy Efficiency Programs	2003	Public Benefits Efficiency	http://www.caenergy.com/events/iepec/abstracts/papers/062.PDF
CA	Crisis in Paradise: Understanding the Household Conservation Response to California's 2001 Energy Crisis	2002	Public Benefits Efficiency	ACEEE Press 8.153-8.166
MN	NSP's Low-Income Program Evaluation, Market Assessment and Service Baseline	2001-2002	Public Benefits Efficiency	Mark Middagh, Northern States Power
CA	Lasting Impressions: Conservation and the 2001 California Energy Crisis	2004	Public Information	ACEEE Press 7:229-240 http://www.eceee.org/conference_proceedings/ACEEE_buildings/2004/Panel_7/p7_20/
TX	Opportunities for Appliance and Equipment Efficiency Standards in Texas	2006	Refrigerators and other appliances	http://www.seco.cpa.state.tx.us/zzz_sa/sa_codes-appliancestandards.pdf
US	Refrigerator Replacement for the Weatherization Program	2002	Refrigerators and other appliances	http://www.waptac.org/si.asp?id=498
US	Refrigerator Monitoring, a Sequel	2000	Refrigerators and other appliances	Home Energy, Vol. 17, Num. 5
US	Leaking Electricity: Standby and Off-Mode Power Consumption in Consumer Electronics and Household Appliances	1998	Refrigerators and other appliances	http://www.aceee.org/store/proddetail.cfm?CFID=2782901&CFTOKEN=26511439&ItemID=143&CategoryID=7
US	Appliance Energy Efficiency: Opportunities, Barriers, and Policy Solutions	1997	Refrigerators and other appliances	http://www.aceee.org/store/proddetail.cfm?CFID=2782901&CFTOKEN=26511439&ItemID=144&CategoryID=7
WI	Low-Income Refrigerator Replacement: Selecting the Worst of the Worst		Refrigerators and other appliances	http://www.kouba-cavallo.com/art/eval2001.pdf
IN	Indiana Low-Income Weatherization and Refrigerator Replacement Program		Refrigerators and other appliances	http://www.aceee.org/utility/1bweatherrefri.pdf
US	The Trend Towards Outsourcing of Energy Services: Implications for	2002	Utility Business Practice	R. Bordner, P. Landry, M. Rufo - Proceedings of ACEEE Summer Study - panel 5

Program Location	Evaluation Title	Year	Type	How to get to it (best available contact info)
	Recruiting Participants in Utility C&I Programs			
US	America's Best: Profiles of America's Leading Energy Efficiency Programs	2003	Utility Efficiency	http://www.aceee.org/store/proddetail.cfm?CFID=2782901&CFTOKEN=26511439&ItemID=357&CategoryID=7
PA	PPL Electric Utilities Winter Relief Assistance Program: Final Evaluation Report	2006	Utility Payment Assistance	http://www.appriseinc.org/reports/Final%20PPL%20WRAP%20Evaluation%20Report.pdf
US	Aligning Utility Interests with Energy Efficiency Objectives: A Review of Recent Efforts at Decoupling and Performance Initiatives	2006	Utility Renewable Energy	http://www.masstech.org/renewableenergy/public_policy/DG/resources/2006-10-ACEEE-Decoupling-Rpt-u061.pdf
SW region	Duct Systems in Southwestern Homes: Problems and Opportunities	2005	Ventilation/Ducts	http://www.swenergy.org/pubs/DuctTech.pdf
SW region	Policies and Programs for Saving Energy through Enhanced Duct Systems	2005	Ventilation/Ducts	http://www.swenergy.org/pubs/Duct_Policy.pdf
WI	Wisconsin Focus on Energy Weatherization Assistance Program, Prioritization Study	2006-2007	WAP	http://www.focusonenergy.com/page.jsp?pageId=1724
WI	Wisconsin Focus on Energy: Weatherization Assistance Program Measure Review	2006	WAP	http://www.focusonenergy.com/page.jsp?pageId=1724&templateContainerId=566
OH	Ohio Home Weatherization Assistance Program Training Evaluation	2006	WAP	http://www.odod.state.oh.us/cms/uploadedfiles/CDD/OEE/Training%20Eval%20Report%20Final%20060206.pdf
IL	Illinois HWAP Evaluation	2006	WAP	Office of Energy Assistance, Illinois Department of Public Aid
WI	Evaluation of Wisconsin's Weatherization Assistance Program	2002-2005	WAP	Public Service Commission of Wisconsin
US	Weatherization Pays Down the Debt	2002	WAP	Home Energy. July-August 2002
VT	An Evaluation of the Impacts of Vermont's Weatherization Assistance Program	2001	WAP	http://www.dcf.state.vt.us/OEO/VT01Final.pdf
WI	Effects of the Wisconsin Weatherization and Fuel Assistance Program on Customers' Arrearage	2003-2005	WAP & LIHEAP plus	Jim Mapp, Wisconsin Energy Bureau

Program Location	Evaluation Title	Year	Type	How to get to it (best available contact info)
	and Payment Patterns			
WI	Non-Energy Benefits Associated with Participation in Wisconsin's Low-Income Residential Programs	2002-2005	WAP & LIHEAP plus	http://www.doa.state.wi.us/docview.asp?docid=5356
WI	A Longitudinal Approach to Evaluating Wisconsin's Low Income Programs: Results to Date	2003	WAP & LIHEAP plus	http://www.caenergy.com/events/iepec/abstracts/papers/038.PDF

Disclaimer: “This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.”