

Region 9 - Pacific Hawaii

Energy Efficiency Resources and Services

Program Name **APS - Energy Support E-3) - Low Income Assistance Program**

Program Type	Energy Assistance	State	Service Area	Reference Number
Housing Type	Residential	AZ	APS	2001

Program Description

Program Details

The APS Energy Support Program (E-3), administered through the Arizona Department of Economic Security (DES), provides utility rate discounts of up to 40% for income qualified customers.

DES is responsible for processing the application and determining the eligibility of the applicant. Processing the application generally takes from 30 -45 days.

Discount depends upon how much electricity you use each month.

- 0 kWh to 400kWh - 40%
- 401kWh to 800kWh - 26%
- 801 kWh to 1200kWh - 14%
- Over 2,000kWh - \$13/ month credit

To qualify household income must be at or below 150% of the poverty income guidelines established by the federal government.

To Enroll in the Energy Support (E-3) Program:

- 1)he customer must request an application. Application forms* are available at:
 - APS Customer Offices
 - Community Action Program Offices
- 2) The customer whose name is on the account must fill out, sign, and send the completed application to the Department of Economic Services (DES).

To maintain your eligibility, recipients must recertify for the program each year. DES will automatically send you the necessary paperwork.

Phone

E-Mail

Web Sit http://www.aps.com/aps_services/residential/lowincome/LowIncome_2.html

Program Contact

Department of Economic Services

Energy Efficiency Resources and Services

Program Name

APS - Energy Support (E-4) - Medical Care Equipment Program

Program Type

Energy Assistance

State

AZ

Service Area

APS

Reference Number

2002

Housing Type

Residential

Program Description

The APS Energy Support Program (E-3), administered through the Arizona Department of Economic Security (DES), provides utility rate discounts of up to 40% for income qualified customers with a need for a doctor of the need for a life-support device.

DES is responsible for processing the application and determining the eligibility of the applicant. Processing the application generally takes from 30 -45 days.

Discount levels depends upon how much electricity you use each month.

0 kWh to 800kWh - 40%
801kWh to 1400kWh - 26%
1401 kWh to 2000kWh - 14%
Over 2,000kWh - \$26/ month credit

To qualify household income must be at or below 150% of the poverty income guidelines established by the federal government.

Program Details

To Enroll in the Energy Support (E-4) Program:

1) Customer must complete an application. Application forms* are available at:

- APS Customer Offices
- Community Action Program Offices

2) The customer whose name is on the account must fill out, sign, and send the completed application to the Department of Economic Services (DES).

3) Customers must provide a letter from a doctor showing a required need of durable medical equipment, such as an oxygen tank.

To maintain your eligibility, recipients must recertify for the program each year. DES will automatically send you the necessary paperwork.

Phone

E-Mail

Web Sit http://www.aps.com/aps_services/residential/lowincome/LowIncome_2.html

Program Contact

Department of Economic Services

Energy Efficiency Resources and Services

Program Name **APS - Energy Share program**

Program Type Energy Assistance
Housing Type

State
AZ

Service Area
APS

Reference Number
2003

Program Description

Project SHARE (Service to Help Arizonans with Relief on Energy) provide emergency assistance to households to help pay your energy (gas, electric, oil, wood) bills.

Project SHARE is administered by the Salvation Army which selects the recipients and disburses the funds.

Applicants must meet one or more of the following criteria:

- Applicant is over age 60, living on a fixed income and facing a financial emergency.
- Applicant is under age 60 and experiencing special hardships.
- Applicant is disabled with no source of income.

Program Details

Funds for Project SHARE come from APS employees, shareholders and customers.

To apply for assistance and check on the availability of funds customers should contact the Salvation Army office. A list of Salvation Army Office is available on the APS website at:
http://www.aps.com/aps_services/residential.lowincome/Lowincome_8.html

Phone

E-Mail

Web Sit http://www.aps.com/aps_services/residential/lowincome/LowIncome_7.html

Program Contact

Salvation Army Offices

Program Name **TEP - Residential Lifeline Program**

Program Type Energy Assistance
Housing Type

State
AZ

Service Area
TEP

Reference Number
2004

Program Description

The Residential Lifeline Support Program provides utility rate discounts of \$8 per month for income qualified customer.

Program Details

To be eligible for this discount, applicants must:

- Have the TEP account in your name.
- Be a TEP residential customer.
- Have a combined household income at or below 150% of the federal poverty level.

Phone 520-623-7711

E-Mail

Web Sit <http://www.tucsonelectric.com/Home/Programs/lifeline.asp>

Program Contact

Tucson Electric Company
Customer Care Office

Energy Efficiency Resources and Services

Program Name

TEP - Lifeline Medical Support Program

Program Type Energy Assistance
Housing Type Residential

State
AZ

Service Area
TEP

Reference Number
2005

Program Description

The Lifeline/Medical Support Program provides utility rate discounts of up to 35% for income qualified customers with a need for a life-support device.

Discount depends upon how much electricity you use each month.

0 kWh to 1,000 kWh - 35%
 1,001 kWh to 2,000 kWh - 30%
 over 2,000 kWh - 10%

Life support devices include: aerosol tent, pressure pad, apnea monitor, pressure pump, compressor/concentrator, respirator (all types), electronic nerve stimulator, suction machine, ultrasonic nebulizer, electrostatic nebulizer, inhalation pulmonary pressure, breather machine (IPPB), iron lung, dialysis machine, hemodialysis machine, motorized wheelchair, or oxygen generator.

Program Details

To qualify, customers must provide documentation to the company that:

- Customers must meet the financial eligibility guidelines for the Residential Lifeline Program
- The regular use of a medical life-support device is essential to maintain the life of a full-time resident of the household; or
- A full-time resident of the household is a paraplegic, quadriplegic or hemiplegics, or a multiple sclerosis or scleroderma patient.

A Physician's Verification Form must be completed by the doctor documenting the patient's critical need for electrically powered appliances and describing the needed devices.

Phone 520-623-7711

E-Mail

Web Sit <http://www.tucsonelectric.com/Home/Programs/lifeline.asp>

Program Contact

Tucson Electric Company
Customer Care Office

Program Name

SWG - Low-Income Rate Payer Assistance Program

Program Type Energy Assistance
Housing Type Residential

State
AZ

Service Area
SWG

Reference Number
2006

Program Description

The SWG -Low-Income Rate Payer Assistance Program provides utility rate discounts of up to 20% on the per therm price for income qualified customers.

The rate reduction applies to the first 150 therms of natural gas used each month from November 1 through April 30.

Program Details

An on-line application is available on the Southwest Gas web site at: <http://www.swgas.com/residential/specialprograms/lira.php>

Phone

E-Mail

Web Sit <http://www.swgas.com/residential/specialprograms/lira.php>

Program Contact

Southwest Gas

Energy Efficiency Resources and Services

Program Name

SWG - Energy Share program

Program Type

Energy Assistance

State

AZ

Service Area

SWG

Reference Number

2007

Housing Type

Residential

Program Description

SWG's Energy Share program is an emergency fund which provides direct assistance to qualified people with unexpected financial difficulties, such as the loss of a job or a medical emergency.

All Energy Share donations are managed and distributed by The Salvation Army.

One hundred percent of all donations are used to help families and individuals in need. If you require assistance provided through Energy Share, please contact the local Salvation Army in your area.

Guaranteed Home Program provides residential building certifications and a energy performance guarantee for high energy-efficient homes.

TEP - Guaranteed Home are built to higher energy performance standard and have 33% lower summer/cooling intensity than the typical baseline homes built to the IECC, and 20% lower than ENERGY STAR homes.

Higher energy efficiencies may assist homebuyers qualify for special energy efficiency financing due to lower cooling and heating requirement. The low-cost monthly guarantee ensures that monthly utility bills on APS Performance Built Homes remain affordable.

The TEP Guarantee is also available through nonprofit builders Habitat for Humanity, Primavera and Chicanos Por La Causa. exemplifying the versatility of the program, which works equally well with custom designs, affordable housing and large-scale production developments.

Program Details

Funds for ENERGY SHARE come from SWG employees, shareholders and customers.

To apply for assistance and check on the availability of funds customers should contact the Salvation Army office.

A list of Salvation Arm Office is available on the APS website at: http://www.aps.com/aps_services/residential.lowincome/Lowincome_8.html Contact local Salvation Army office for details about Energy Share Program.

Phone 602-861-1999

E-Mail

Web Sit <http://www.swgas.com/residential/specialprograms/share.php>

Program Contact

Salvation Army

Energy Efficiency Resources and Services

Program Name

SRP - Energy Economy Price Plan

Program Type

Energy Assistance

Housing Type

State

AZ

Service Area

SRP

Reference Number

2008

Program Description

The SRP -Energy Economy Price Plan Program provides utility rate discounts of up to \$14 per month (\$168 per year) for qualified income qualified customers.

Customer may not elect the Economy Discount in addition to the Medical Life Support Equipment Discount Rider.

Program Details

An application for the SRP Economy Price Plan Program is available on the SRP web site at:
<http://www.srpnet.com/prices/economy.aspx>

To qualify for the Energy Economy Price Plan

1. The account must be in the qualifying customer's name.
2. Each application is good for a 12-month period. Annual recertification will be required for the discount to be extended beyond one year.
3. Household income must be at or below 150 percent of federal poverty guidelines.
4. The certification process and any administrative issues relating to the discount not explicitly stated in this rider are defined in SRP's administration plan.

Phone 800-258-4777

E-Mail

Web Sit <http://www.srpnet.com/prices/economy.aspx>

Program Contact

Salt River Project
Economy Price Plan CUN250
P. O. Box 52025
Phoenix AZ 85072-2025
602-236-8888

Program Name

SRP - Medical Life Support Discount

Program Type

Energy Assistance

Housing Type

State

AZ

Service Area

SRP

Reference Number

2009

Program Description

The SRP Medical Life Support Discount provides utility rate discounts of \$14 per month (\$168 per year) for income qualified customers with a need for a life-support device.

Program Details

To qualify for the SRP Medical Life Support Discount program the patient is using any of the following equipment:

- Kidney/kemo/peritoneal dialysis equipment
- Ventilators and oximeters
- Feeding or infusion pumps
- Suction machines
- C-PAP
- Oxygen concentrators

The SRP account is enrolled in either the Basic Plan (E-23) or Time-of-Use Plan (E-26).

The SRP account is in the name of the patient, a close relative of the patient, or the patient's legal guardian.

SRP must receive three items: a completed Customer Questionnaire; a Physician Questionnaire, and a prescription slip completed by the patient's physician.

Phone 800-258-4777

E-Mail

Web Sit <http://www.srpnet.com/prices/medical.aspx>

Program Contact

Salt River Project
Medical Life Support Discount CUN250
P. O. Box 52025
Phoenix AZ 85072-2025
602-236-8888

Energy Efficiency Resources and Services

Program Name

APS - Energy Wise Low Income Weatherization Program

Program Type

Weatherization

Housing Type

Residential

State

AZ

Service Area

APS

Reference Number

2011

Program Description

The APS Energy Wise Low Income Weatherization Program provides no cost, direct install weatherization services to low-income households to improve the energy efficiency.

Weatherization measures must be cost-effective and are set on the basis of an energy audit. The follow is a list of approved measures.

- Adding thermal insulation to the residential building envelope, most typically attic insulation.
- Shading sun-exposed windows, primarily for houses using central refrigeration cooling.
- Implementing air leak control measures to reduce excessive infiltration of outside air.
- Testing, tuning and maintaining heating and cooling equipment.
- Reducing duct leakage where heating and central refrigerated air is distributed by a forced air system.
- Installing low-flow showerheads and other general energy and water efficiency measures.
- Other energy conservation improvements as identified by the home energy auditor.

Households incomes must be 150 or less percent of federal poverty guidelines; senior/disabled households must be 175% or less of federal poverty guidelines.

Some funds may be available to pay delinquent electric bills in hardship cases.

Phone 800-357-4486

E-Mail

Web Sit http://www.aps.com/aps_services/residential/lowincome/LowIncome_3.html

Program Details

The APS Energy Wise Low Income Weatherization Program, in combination with DOE's Weatherization Assistance Program (WAP) and HHS' Low Income Housing Energy Assistance Program (LIHEAP), is delivered by community action actions.

Applications will be taken by designated Community Action Agencies.

A list of designated local Community Action Agencies is available on the Arizona Public Service web site at:
www.azcommerce.com/Energy/Weatherization.htm

Program Contact

CSA
Mary-Ellen Kane,
Program Specialist
602-542-6600

Energy Efficiency Resources and Services

Program Name

TEP - Weatherization Program

Program Type

Weatherization

Housing Type

Residential

State

AZ

Service Area

TEP

Reference Number

2012

Program Description

The Tucson Weatherization Program provides no cost, direct install weatherization services to low-income households to improve the energy efficiency.

Weatherization measures must be cost-effective and are set on the basis of an energy audit. The follow is a list of approved measures.

- Caulking & weather-stripping
- Insulation (attic, wall, & duct)
- Water heater insulation & exposed pipe wrap
- Attic ventilation
- Sunscreens
- Paint roof & exposed ducts white
- Service evaporative coolers
- Replace evaporative coolers or motors with two-speed motors
- Plant trees on south/west exposures
- Install evaporative cooler thermostat
- Install low-flow shower heads

Households incomes must be 150 or less percent of federal poverty guidelines; senior/disabled households must be 175% or less of federal poverty guidelines.

Program Details

The TEP Weatherization Program is delivered by Tucson Urban League and Pima County in combination with DOE's Weatherization Assistance Program (WAP) and HHS' Low Income Housing Energy Assistance Program (LIHEAP).

Applications will be taken by Tucson Urban League and Pima County determine what weatherization measures to install based on a project audit.

In addition to weatherization, TEP will sponsor weatherization/energy conservation workshops in cooperation with the Tucson Urban League and Pima County to teach low-income customers how to utilize energy more efficiently and gain greater control over their energy bills.

Pima County Website:
<http://www.pima.gov/CED/CDNC/CRD/HomeRepair.html>
 Maria Soto, Home Repair Programs
 2797 E. Ajo Way
 Tucson, AZ 85713
 520-243-6777
msoto@csd.pima.gov

Tucson Urban League Web site:
<http://www.tucsonurbanleague.com/weatherization.html>
 Les Monroe, Weatherization & Rehabilitation Facilitator
 1155 S Norris Avenue Bldg. #2
 Tucson, AZ 85719
 520-882-4872
lmonroe@tucsonurbanleague.net

Phone 520-882-4872

E-Mail

Web Sit <http://www.tucsonelectric.com/Community/AssistancePrograms/Weatherization.asp>

Program Contact

Pima County - Maria Soto
 520-243-6777

Tucson Urban League - Les Monroe 520-882-4872

Energy Efficiency Resources and Services

Program Name

SWG - Low Income Energy Conservation Program

Program Type

Weatherization

Housing Type

Residential

State

AZ

Service Area

SWG

Reference Number

2013

Program Description

The SWG Low Income Weatherization Program provides no cost, direct install weatherization services to low-income households to improve the energy efficiency.

Weatherization measures must be cost-effective and are set on the basis of an energy audit. The follow is a list of approved measures.

- Adding thermal insulation to the residential building envelope, most typically attic insulation.
- Shading sun-exposed windows, primarily for houses using central refrigeration cooling.
- Implementing air leak control measures to reduce excessive infiltration of outside air.
- Testing, tuning and maintaining heating and cooling equipment.
- Reducing duct leakage where heating and central refrigerated air is distributed by a forced air system.
- Installing low-flow showerheads and other general energy and water efficiency measures.
- Other energy conservation improvements as identified by the home energy auditor.

Households incomes must be 150 or less percent of federal poverty guidelines; senior/disabled households must be 175% or less of federal poverty guidelines.

Some funds may be available to pay delinquent electric bills in hardship cases.

Program Details

The SWG Energy Wise Low Income Weatherization Program, in combination with DOE's Weatherization Assistance Program (WAP) and HHS' Low Income Housing Energy Assistance Program (LIHEAP), is delivered by the Community Services Agencies through local community agencies.

Applications will be taken by designated Community Action Agencies.

A list of designated local Community Action Agencies is available on the Arizona Public Service web site at:
<http://www.swgas.com/residential/specialprograms/liecp.php>

Phone

E-Mail

Web Sit <http://www.swgas.com/residential/specialprograms/liecp.php>

Program Contact

CSA
Mary-Ellen Kane,
Program Specialist
602-542-6600

Energy Efficiency Resources and Services

Program Name **APS - High Efficiency AC Rebate Program**

Program Type	Rebates	State	Service Area	Reference Number
Housing Type	Residential	AZ	APS	2101

Program Description

The APS High Efficiency Air Conditioner (AC) Rebate Program provides rebates to APS residential customers who replace their existing heat pump or AC unit with a new high-efficiency system.

Rebated range from \$250 to \$400 depending on the equipment installed. Customer may also be eligible for a \$300 Federal tax credit.

Program Details

Information on program requirements and how to apply for the APS High Efficiency Air Conditioner (AC) Rebate is available on the APS web site:

http://www.aps.com/aps_services/residential/waytosave/ResWaytoSave_81.html

Phone 888-890-9730

E-Mail

Web Sit http://www.aps.com/aps_services/residential/waytosave/ResWaytoSave_81.html

Program Contact

Arizona Public Service
AC Rebate Program
428 Thunderbird Road #749
Phoenix, AZ 85022

Program Name **APS - Energy Efficient Lighting Discount Program**

Program Type	Rebates	State	Service Area	Reference Number
Housing Type	Residential	AZ	APS	2102

Program Description

APS has partnered with local retailers to offer discounts on compact fluorescent lighting.

The discounted CFL program is funded by APS customers.

Program Details

A list of retailers participating in the APS Energy-Efficient Lighting Discount Program is available on the APS website at:
http://www.aps.com/news/BreakingNews_89.html

Phone

E-Mail

Web Sit http://www.aps.com/news/BreakingNews_89.html

Program Contact

Arizona Public Service

Energy Efficiency Resources and Services

Program Name

APS - Performance Built Homes program

Program Type

Energy Efficiency

Housing Type

Residential

State

AZ

Service Area

APS

Reference Number

2103

Program Description

The APS Performance Built Home program provides residential building certifications and a energy performance guarantee for high energy-efficient homes.

APS Performance Built Homes are built to higher energy performance standard and have 33% lower summer/cooling intensity than the typical baseline homes built to the IECC, and 20% lower than ENERGY STAR homes.

Higher energy efficiencies may assist homebuyers qualify for special energy efficiency financing due to lower cooling and heating requirement. The low-cost monthly guarantee ensures that monthly utility bills on APS Performance Built Homes remain affordable.

New APS Performance Built Homes typically cost about the same as other homes of comparable size, but are designed and constructed with special attention to the details that affect a home's performance. For example, they use the same amount of insulation as conventional homes, but the insulation is carefully installed to provide the highest possible efficiency.

Program Details

APS Performance Built Homes feature include:

- Low E" windows
- High Efficiency AC equipment (SEER 14 or higher)
- Duct leakage of under 3% of unit square footage
- Room Pressure Balancing of under +/-3 Pascals (door closure),
- Proper insulation installation standards (no gaps, no voids, no compression, no misalignment),
- Indoor air quality requirements.
- ENERGY STAR appliances

Phone

E-Mail

Web Sit http://www.aps.com/aps_services/residential/waystosave/ResWaystoSave_20.html

Program Contact

Arizona Public Service

Energy Efficiency Resources and Services

Program Name **APS - Credit Purchase Program for Photovoltaic Solar Grid-tied System**

Program Type Renewable
Housing Type

State
AZ

Service Area
APS

Reference Number
2104

Program Description

The APS Credit Purchase Program for Photovoltaic Solar Grid-tied Systems provides financial incentives to residential customers of \$3 per installed watt for systems. Commercial customers may apply for \$2.50 per installed watt up to a maximum payment of \$500,000.

Additionally, under the APS Credit Purchase Program, customers have the option of selling excess electricity generated by the PV system back to APS.

Program Details

To participate in the Credit Purchase Program customers must:

- Schedule an appointment for a solar system inspection by an APS interconnection technician
- Apply to reserve funding for the project by completing an EPS Credit Reservation form and a copy of an itemized estimate from an Arizona licensed contractor. APS will provide written confirmation of either approval or denial of the reservation request. If a purchase decision is contingent upon receiving funding from the Credit Purchase Program, APS recommends that installation be authorized after receiving written verification from APS that the reservation request has been approved.

Phone

E-Mail DG_Interconnect@apsc.com

Web Sit http://www.aps.com/my_community/Solar/eps.html

Program Contact

Arizona Public Service

Program Name **APS - Credit Purchase Program for Small Solar Water Heating Systems**

Program Type Renewable
Housing Type

State
AZ

Service Area
APS

Reference Number
2105

Program Description

The APS Credit Purchase Program for Small Solar Water Heating Systems provides financial incentives to residential customers purchasing small solar water heating systems with OG-300 ratings of 10,000 kWh per year energy savings or less.

Customers who install a small solar hot water heater can apply for a rebate of \$.50 per kWh for the first year kWh savings based on OG-300 ratings.

Additionally, under the APS Credit Purchase Program, customers have the option of selling excess electricity generated by the PV system back to APS.

Program Details

To participate in the Credit Purchase Program customers must:

- Schedule an appointment for a solar system inspection by an APS interconnection technician
- Apply to reserve funding for the project by completing an EPS Credit Reservation form and a copy of an itemized estimate from an Arizona licensed contractor. APS will provide written confirmation of either approval or denial of the reservation request. If a purchase decision is contingent upon receiving funding from the Credit Purchase Program, APS recommends that installation be authorized after receiving written verification from APS that the reservation request has been approved.

Phone

E-Mail

Web Sit http://www.aps.com/my_community/Solar/Solar_42.html

Program Contact

Arizona Public Service

Energy Efficiency Resources and Services

Program Name

TEP - Guaranteed Home

Program Type

Energy Assistance

Housing Type

State

AZ

Service Area

TEP

Reference Number

2111

Program Description

The TEP Guaranteed Home Program provides residential building certifications and a energy performance guarantee for high energy-efficient homes.

TEP - Guaranteed Home are built to higher energy performance standard and have 33% lower summer/cooling intensity than the typical baseline homes built to the IECC, and 20% lower than ENERGY STAR homes.

Higher energy efficiencies may assist homebuyers qualify for special energy efficiency financing due to lower cooling and heating requirement. The low-cost monthly guarantee ensures that monthly utility bills on APS Performance Built Homes remain affordable.

The TEP Guarantee is also available through nonprofit builders Habitat for Humanity, Primavera and Chicanos Por La Causa. exemplifying the versatility of the program, which works equally well with custom designs, affordable housing and large-scale production developments.

Program Details

TEP inspects 100 percent of Guarantee homes during three phases of construction to ensure that specific standards are met for maximizing energy efficiency. TEP then guarantees the home's heating and cooling operating costs, plus overall comfort, for up to five years. If your annual electric bill is over the pre determined amount TEP will credit you the difference.

The TEP Guaranteed Home features include:

- Low E" windows
- High Efficiency AC equipment (SEER 14 or higher)
- Duct leakage of under 3% of unit square footage
- Room Pressure Balancing of under +/-3 Pascals (door closure),
- Proper insulation installation standards (no gaps, no voids, no compression, no misalignment),
- Indoor air quality requirements.
- ENERGY STAR appliances

Phone 520-884-3616

E-Mail GuaranteeHome@tep.com

Web Sit <http://www.tep.com/home/GuaranteeHome/AboutGuarantee.asp>

Program Contact

Tucson Electric Power Company
Guaranteed Home Department
P.O. Box 711
Tucson, AZ 85702

Energy Efficiency Resources and Services

Program Name

TEP - SunShare PV Buydown

Program Type

Renewable

Housing Type

State

AZ

Service Area

TEP

Reference Number

2112

Program Description

The TEP SunShare PV Buydown program provides financial incentives to residential customers installing PV systems. Under this program, systems of 1 kW to 5kW are eligible.

The TEP Sun Share program offers three options for investing in solar power. The customer may either purchase a qualifying system 1 kW or larger from a third party or may purchase a 1-kW or 5-kW system kit from TEP. All Options may potentially qualify for state tax benefits of up to \$1,000.

TEP also offers a net metering option which credits the customer with the energy sent into the grid on a kWh basis.

Program Details

To qualify for the Sun Share program, participants must: 1) be a customer of TEP
2) have at least 250-sq. ft. of unobstructed space
3) have a roof facing true south
4) be within 100 ft. of where tying to the grid
5) have a roof that can accommodate panels at a 32-degree angle.

The SunShare program has a limit of 200 kW of subsidy payments per year.

Current Sun Share Options Offered:

Option 1 offers incentives of up to \$2,000 for every kilowatt of proven solar electric generating capacity that is connected to TEP's grid system.

Option 2 will apply a buy down credit of up to \$2,000 to the \$6,000 purchase price of each 1 kW Company System.

Option 3 offers a buy down rebate based on installed solar generating capacity at the following rates:

- Year 2006: \$2,400 per kilowatt DC

For information on the requirements of Sun Share contact Tucson Electric Company at: 866-253-3690

Phone 866-253-3690

E-Mail sunshare@tep.com

Web Sit <http://greenwatts.com/pages/sunshare.html>

Program Contact

Tucson Electric Power
SunShare 3950 E Irvington Road Mailstop RC 116 Tucson,
AZ 85702

Bill Henry - 520-745-3255

Energy Efficiency Resources and Services

Program Name

SWG - Energy Advantage Plus

Program Type

Energy Efficiency

Housing Type

Residential

State

AZ

Service Area

SWG

Reference Number

2121

Program Description

SWG's Energy Advantage Plus program provides assistance to developers to upgrade the energy efficiency of new homes through improved thermal shell construction and performance-based practices, along with the installation of higher-efficiency mechanical equipment.

The Energy Advantage Plus program provides SWG reviews builders' blueprints and provides recommendations to meet program criteria. SWG also inspects and tests a sample of homes for quality construction and proper equipment specifications and provides education to consumers, builders, real estate agents, and subcontractors.

Energy Advantage Homes achieve a minimum 15% improvement in performance over standard energy codes

Guaranteed Home Program provides residential building certifications and a energy performance guarantee for high energy-efficient homes.

TEP - Guaranteed Home are built to higher energy performance standard and have 33% lower summer/cooling intensity than the typical baseline homes built to the IECC, and 20% lower than ENERGY STAR homes.

Higher energy efficiencies may assist homebuyers qualify for special energy efficiency financing due to lower cooling and heating requirement. The low-cost monthly guarantee ensures that monthly utility bills on APS Performance Built Homes remain affordable.

The TEP Guarantee is also available through nonprofit builders Habitat for Humanity, Primavera and Chicanos Por La Causa. exemplifying the versatility of the program, which works equally well with custom designs, affordable housing and large-scale production developments.

Program Details

A list of Energy Advantage Builders in Arizona is available on the Southwest gas web site at:
<http://www.swgas.com/natgasbuild/sazlist.php>

Energy Efficiency Resources and Services

Phone 602-861-1999

E-Mail

Web Sit <http://www.swgas.com/natgasbuild/resbuilders/index.php>

**Program
Contact**

Southwest Gas

Program Name

SWG - Energy Efficiency Gas Rebate Programs

Program Type Energy Efficiency

Housing Type Residential

State

AZ

Service Area

SWG

Reference Number

2122

Program Description

SWG's Energy Efficiency Rebate Programs provides information on rebate programs for gas appliance and equipment.

Program Details

A list of manufacturers and suppliers of gas appliance and equipment offering rebated is available on the SW Gas web site at:
<http://www.swgas.com/resmkt/specialoffers/index.php>

Phone 602-861-1999

E-Mail

Web Sit <http://www.swgas.com/resmkt/specialoffers/index.php>

**Program
Contact**

Southwest Gas

Energy Efficiency Resources and Services

Program Name

SRP - PowerWise Homes/ Certified Homes

Program Type

Energy Efficiency

Housing Type

State

AZ

Service Area

SRP

Reference Number

2131

Program Description

The SRP - PowerWise Homes and Certified Homes Programs provides residential building certifications for high energy-efficient homes.

SRP-works directly with the builder to ensure that each home design meets our energy-efficiency standards.

SRP PowerWise Homes are 15.4% more efficient than SRP Certified Homes), and 35% more efficient than the federally recognized 1995 Council of American Building Officials Model Energy Code. The typical home built to SRP PowerWise Home standards will use an average of 3,600 fewer kilowatts per year compared to homes built according to current municipal building codes.

SRP encourages all-electric design. With electric appliances and equipment, there are no fumes or the possibilities of fuel leaks.

Program Details

PowerWise Homes require:

- Home Energy Rating System (HERS) score of 87 or greater compliance with International Residential Code (IRC) as adopted by local municipalities
- Electric heat pumps rated at 13 SEER and 8.0 HSPF or better (if total electric home)
- Air conditioners rated at 13 SEER or better and natural gas furnaces rated at 80 percent AFUE or higher (if dual energy home)
- Inspections plus whole house and duct leakage tests performed by a third party

Phone 602-236-5623

E-Mail vidavis@srpnet.com

Web Sit <http://www.srpnet.com/energy/powerwise/builder.aspx>
<http://www.srpnet.com/electric/home/buying/default.aspx>

Program Contact

Salt River Project

Vicki Davis

Energy Efficiency Resources and Services

Program Name

SRP - Desert Wise Homes

Program Type

Green Building

Housing Type

State

AZ

Service Area

SRP

Reference Number

2132

Program Description

The SRP DesertWise program provides incentives to qualifying builders who incorporate water-saving features in their model homes.

Incentives up to \$2,500 per model home are available for up to 3 homes per sub-division to defray costs for:

- Weather-based irrigation controller
- High Efficiency Toilets (HETs)-a fixture that flushes at 20% below the 1.6 gpf (dual-flush or one gallon toilets)
- High efficiency clothes washer (has a water factor of 9.5 or less)
- Gray water stub
- Synthetic turf
- Low-water-use dishwashers (uses 6.5 gallons or less per cycle)
- Hot water circulation pumps
- Under-sink water heaters
- Rainwater harvesting
- Soil moisture sensors
- Other - consult with SRP to see if other water-conserving features you offer qualify.

Program funds are dispersed on a first-come, first-served basis.

Phone 602-236-3291

E-Mail desertwise@srpnet.com

Web Sit <http://www.srpnet.com/water/desertwise/homebuilder/default.aspx>

Program Contact

Salt River Project

Program Details

To qualify for the program builders must meet the following requirements:

- Homes must be located within the ten municipalities SRP supplies water to (Avondale, Chandler, Gilbert, Glendale, Mesa, Peoria, Phoenix, Scottsdale, Tempe, Tolleson) or within SRP's electric service territory.

- Builder must have a minimum of 50 home sites.

- Interior requirements
- INTERIOR REQUIREMENTS:
- Water-saving showerheads (2.5 gallons per minute aerated water flow)*
 - Low-flow faucets (2.5 gallons per minute aerated water flow)*
 - Low-flow toilets (1.6 gallons per flush - gpf)*

- Exterior requirements
- EXTERIOR REQUIREMENTS:
- Low-water-use and drought tolerant plants (e.g. xeriscaping) refer to Arizona Department of Water Resources' approved list of plants
 - Zoned irrigation systems with drip irrigation
 - Pressure-reducing valves

Energy Efficiency Resources and Services

Program Name **SRP - Earthwise Solar Energy**

Program Type Green Building
Housing Type

State
AZ

Service Area
SRP

Reference Number
2133

Program Description

The SRP - Earthwise Solar Energy program provides financial incentives to residential customers installing Solar Electric systems for up to 10 kW or Solar Hot Water Heating systems

Customers who install solar electric systems can qualify for financial rebates up to \$3 per watt.

Customers who install a small solar hot water heater can apply for a rebate of \$.50 per kWh for the first year kWh savings based on OG-300 ratings.

The SRP - Earthwise Solar Energy program may be used in conjunction with Federal and State tax credit programs.

Program Details

To participate in the program customers must complete a three step process:

- 1) Complete SRP application and service agreements to apply for and reserve program funds
- 2) Contact a qualified equipment dealer to help locate a product that meets your needs and EarthWise Solar program requirements.
- 3) Request SRP EarthWise Solar Energy reservation with submission of required documents and copy of the dealer's quote for system and installation costs.

Thereafter, funds will be reserved for the solar system. Payment is received after the system is permitted and inspected as required by local code, and installed by a licensed, professional solar installer to qualify for payment.

Phone 602-236-5816

E-Mail

Web Sit www.srpnet.com

Program Contact

SRP EarthWise Solar Energy
Program Manager, PAB-355
P.O. Box 52025
Phoenix, AZ, 85072-2025

Program Name **UES - SunShare PV Buydown**

Program Type Renewable
Housing Type

State
AZ

Service Area
UES

Reference Number
2142

Program Description

The UES - SunShare PV Buydown program provides financial incentives to residential customers installing PV systems.

Customers who install solar electric systems can qualify for financial rebates up to \$2.40 per watt.

Program Details

The UES - SunShare PV Buydown program has a limit of 50 kW of subsidy payments per year.

- To qualify for the program, participants must:
- be a customer of UES;
 - have at least 450-sq. ft. of unobstructed space;
 - have a roof facing true south;
 - be within 100 ft. of where tying to the grid; and
 - have a roof that can accommodate panels at a 32-degree angle.

Phone 520-770-2010

E-Mail SunShare@uesaz.com

Web Sit <http://uesaz.com/electric/greenwatts/pages/sunshare.html>

Program Contact

UNS Electric, Inc.
PO Box 711, Mail Stop UE201
Tucson, AZ 85702
Fax: (520) 884-3601
Attn: Michelle Livengood

Bill Henry - 520-745-3255

Energy Efficiency Resources and Services

Program Name **Arizona Solar Center**

Program Type Clearinghouse
Housing Type

State
AZ

Service Area
ALL

Reference Number
2401

Program Description

The mission of the Arizona Solar Center is to enhance the utilization of renewable energy, educate Arizona's residents on solar technology developments, support commerce and industry in the development of solar and other sustainable technologies and coordinate these efforts throughout the state of Arizona.

The Arizona Solar Center (AZSC) is a non-profit organization administered by a Board of Directors, made up of individuals with wide experience and training in solar energy and other renewable energy resources.

The Arizona Solar Center (AZSC) offers classes and provides access to published resources and equipment, and to solar energy sources outside the state.

Program Details

Phone

E-Mail

Web Sit <http://www.azsolarcenter.com>

Program Contact

Arizona Solar Center
c/o Janus II - Environmental Architects
4309 E. Marion Way
Phoenix, AZ 85018

Program Name **Tucson-Pima Metropolitan Energy Commission**

Program Type Clearinghouse
Housing Type

State
AZ

Service Area
ALL

Reference Number
2402

Program Description

The Tucson-Pima Metropolitan Energy Commission serves as a catalyst for the City of Tucson and Pima County to build a more sustainable energy future in the region."

The Tucson-Pima Metropolitan Energy Commission is funded jointly by the City of Tucson and Pima County.

Tucson-Pima Metropolitan Energy Commission provides education and technical assistance on a variety of energy subjects and issues affecting energy policies, programs and projects and sponsor many energy-related community activities and projects.

Program Details

Significant initiatives undertaken by the Commission include:

- Providing assistance in developing the Community of Civano Project, formerly known as the Tucson Solar Village
- Completing a strategic Energy Plan
- Participated in the development of a Sustainable Energy Standard for Tucson and Pima County.

The Tucson-Pima Metropolitan Energy Commission website included access to many energy reports, best practices and links to resources

Phone

E-Mail

Web Sit <http://www.tucsonmec.org/>

Program Contact

Chair, Valerie Rauluk
(520) 326-3195
info@tucsonmec.org

Vice-Chair, Jeff Schlegel
(520) 797-4392

Energy Efficiency Resources and Services

Program Name

Greater Tucson Coalition for Solar Energy

Program Type

Clearinghouse

Housing Type

State

AZ

Service Area

ALL

Reference Number

2403

Program Description

The Greater Tucson Coalition for Solar Energy is a public-private partnership dedicated to increasing the application of solar energy practices throughout the southeastern Arizona region. This mission is accomplished through a variety of programs and projects:

- Education and training for end-users and suppliers.
- Forums where users of solar devices and services, and their suppliers can exchange information, experience, and concepts.
- Review of new solar programs and technologies.
- Fund development for purchasing support.
- Infrastructure development to facilitate deployment.
- Coordination of energy efficiency practices in the context of solar energy practices.

Program Details

Phone 520-326-5986

E-Mail vajra@vecat-inc.com

Web Sit

Program Contact

Greater Tucson Coalition for Solar Energy
PO Box 42708
Tucson, AZ 85733
Tel/Fax: (520) 326-3195

Program Name

Scottsdale - Green Power Purchasing

Program Type

Clearinghouse

Housing Type

State

AZ

Service Area

ALL

Reference Number

2404

Program Description

The Scottsdale - Green Power Purchasing program is a comprehensive Green Building for home builders and prospective home buyers in Scottsdale.

The Green Building Program encourages a whole-systems approach through design and building techniques to minimize environmental impact and reduce the energy consumption of buildings while contributing to the health of its occupants

The Green Power Purchasing provide information, education, and published materials on the use of environmentally responsible building practices, resource- and energy-efficient materials, and green building design and construction methods.

Program Details

To subscribe to the Green Power Purchasing newsletter
Go to www.scottsdaleaz.gov/listserve/

Phone 480-312-4202

E-Mail

Web Sit <http://www.scottsdaleaz.gov/greenbuilding/>

Program Contact

City of Scottsdale
Green Building Program
7447 E Indian School Rd, Suite 125
Scottsdale, AZ 85251
Phone: 480-312-7080

Energy Efficiency Resources and Services

Program Name

Solar Contractor Licensing

Program Type

Clearinghouse

Housing Type

State

AZ

Service Area

ALL

Reference Number

2405

Program Description

The Arizona Registrar of Contractors provides incentives for solar energy contractors and is a resource for obtaining information on licensed contractors

All contractors who work with solar-energy systems must have four years of relevant work experience and must pass an exam in order to receive a license in Arizona.

Licensing exams include sections on solar applications: air conditioning and refrigeration, boilers, steam fitting and process piping, swimming pools, and general plumbing. There is a commercial license and a residential license available for each of these categories.

Arizona's C11/L11 electrical license covers solar electric installations.

There is a special solar domestic hot water license, and it is possible to obtain a special negotiated "Solar-Electric Installations Only" license (C05). The "Solar-Electric Installations Only" license allows installers to subcontract related tasks, such as landscaping, that licensed electricians technically are not able to undertake unless they also hold a general contractor's license.

Program Details

Phone 602-542-1525

E-Mail

Web Sit http://www.rc.state.az.us/l_class.html

Program Contact

Registrar of Contractors
800 W. Washington Street, 6th Floor
Phoenix, AZ 85007

Energy Efficiency Resources and Services

Program Name

Arizona Solar Energy Industries Association

Program Type

Clearinghouse

Housing Type

State

AZ

Service Area

ALL

Reference Number

2406

Program Description

The Arizona Solar Energy Industries Association (AriSEIA) is a non-profit trade association representing local, national and international solar companies in the Arizona market.

The group's focus is on education, professionalism and promotion of public policies that support deployment of solar technologies in Arizona.

AriSEIA is a recognized chapter of the Solar Energy Industries Association (SEIA). SEIA is the national solar industry trade association and is headquartered in Washington, D.C.

Program Details

Phone

E-Mail

Web Sit <http://www.arizonasolarindustry.org/index.html>

Program Contact

Arizona Solar Energy Industries Association
3008 North Civic Center Plaza
Scottsdale Arizona 85251

Program Name

APS - Home Energy Survey

Program Type

Audits & Diagnostics

Housing Type

State

AZ

Service Area

APS

Reference Number

2511

Program Description

The APS Home Energy Survey provides APS customers with a means to analyze household energy usage.

Under the program customers complete an on-line home energy survey, which includes a questionnaire and housing profile.

To enhance the accuracy of the energy assessment, users may also agree to transfer actual electric usage to Nexus Energy Software, Inc., a non-APS company that operates the Energy Survey, for a

Results are provided to users by e-mail.

Program Details

Phone

E-Mail

Web Sit http://www.aps.com/aps_services/energysurvey/Default_BUSRES.html?type=r

Program Contact

APS

Energy Efficiency Resources and Services

Program Name

TEP - Energy Advisor

Program Type

Audits & Diagnostics

Housing Type

State

AZ

Service Area

TEP

Reference Number

2512

Program Description

The TEP Home Energy Advisor provides APS customers with a means to analyze household energy usage.

Under the program customers complete an on-line home energy survey, which includes a questionnaire and housing profile.

Users may analyze the efficiency of homes or businesses, or use energy savings calculators to analyze a major appliance or a specific piece of equipment.

Program Details

Phone

E-Mail

Web Sit <http://www.tep.com/Business/EnergyEfficiency/EnergyAdvisor/index.asp>

Program Contact

Program Name

SRP - Home Energy Manager

Program Type

Audits & Diagnostics

Housing Type

State

AZ

Service Area

SRP

Reference Number

2514

Program Description

The TSRP - Home Energy Manager provides APS customers with a means to analyze household energy usage.

With Home Energy Manager customers can

- Complete an energy analysis and get personalized recommendations for managing energy costs
- Calculate your savings by purchasing energy efficient appliances and analyze specific appliances using the energy savings calculators
- Find detailed information about energy-related topics

Under the program customers complete an on-line home energy survey, which includes a questionnaire and housing profile.

Program Details

Phone

602-236-8858

E-Mail

Web Sit <http://www.srpnet.com/hem/default.asp>

Program Contact

Salt River Project

Energy Efficiency Resources and Services

Program Name

Arizona - Low Income Housing Tax Credit Program

Program Type

Housing Development

Housing Type

State

AZ

Service Area

ALL

Reference Number

2801

Program Description

Arizona's Low Income Tax Credit program includes a collaboration with the Arizona Department of Commerce, Energy Division requiring mandatory energy design guidelines for projects receiving tax credits.

The Arizona Energy Office provide plan review, technical assistance and site inspection to achievement of energy performance standards.

Housing completed under the Tax Credit Program is 35% more efficient than current building code and 20% more efficient than ENERGY STAR..

The Arizona Energy Office inspection include:

- Building Plan reviews
- Insulation inspection (pre-sheetrock)
- Verification of HVAC efficiency
- Duct testing of completed strums
- Room air flow testing
- Room pressure testing
- Window verification
- CAS verification

Program Details

The Arizona Energy Office inspection include:

- Building Plan reviews
- Insulation inspection (pre-sheetrock)
- Verification of HVAC efficiency
- Duct testing of completed strums
- Room air flow testing
- Room pressure testing
- Window verification
- CAS verification

Arizona's Low Income Tax Credit energy related requirements include:

- 1) Insulation - proper installation of insulation
- 2) HVAC with minimum SEER 13 efficiency
- 3) Duct sealing with less than 3% leakage (30 cfm)
- 4) Duct insulation outside conditioned space (minimum R-6)
- 5) Joint sealing for all joints in air distribution system
- 6) Room pressure balancing (less than +/- 3 pascals)
- 7) Ventilation of all gas and combustion appliances
- 8) Low-e energy efficient windows

Phone

E-Mail

Web Site <http://www.housingaz.com/>

Program Contact

Arizona Department of Commerce Energy Office
Charlie Gohman
1700 W. Washington, Suite 220
Phoenix, AZ 85007
Phone: (602) 771-1144

Energy Efficiency Resources and Services

Program Name

Arizona Municipal Energy Management Program

Program Type Energy Efficiency
Housing Type

State
AZ

Service Area
ALL

Reference Number
2811

Program Description

The Arizona Municipal Energy Management Program encourages and assists in the development and implementation of energy management programs by facilitating the planning process and providing the necessary basic tools, staff training, and technical assistance.

The Arizona Municipal Energy Management Program is administered by the Arizona State Energy Office.

The Arizona Municipal Energy Management Program encourages communities to track their utilities, adopt energy plans, and include their energy plans in city codes and city plans.

The program also encourages communities to form local, state, and national partnerships. The program helps incorporated Arizona cities, towns, counties, improvement districts (no schools), and Indian tribes with populations under 70,000.

Program Details

Phone 602-771-1140

E-Mail edc@azcommerce.com

Web Sit <http://www.commerce.state.az.us/Energy/>

Program Contact

Arizona Department of Commerce Energy Office
Ed Charles
1700 W. Washington, Suite 220
Phoenix, AZ 85007

Program Name

Arizona Energy Conservation Savings Reinvestment Plan

Program Type Financing
Housing Type

State
AZ

Service Area
ALL

Reference Number
2812

Program Description

The Energy Conservation Savings Reinvestment Plan for the City of Phoenix requires that each year 50% of documented cumulative energy savings from public facilities be reinvested in further efficiency improvements.

The Arizona Energy Conservation Savings Reinvestment Plan was established to provide a secure and long-term funding base that would enable the Energy Management Program to implement ongoing energy efficiency initiatives.

Program Details

A per annum reinvestment limit of \$750,000 was identified, with all savings beyond to be used by the city as general revenue.

Eligible reinvestment activities include upgrading lighting, motors, chillers, small scale cogeneration, solar, air volume, and waste water systems

Phone

E-Mail

Web Sit

Program Contact

City of Phoenix Municipal Departments
Public Works Department's Energy Management Section

Energy Efficiency Resources and Services

Program Name **AZ - Solar Energy Tax Credit**

Program Type Financing
Housing Type Residential

State
AZ

Service Area
ALL

Reference Number
2901

Program Description

Arizona's Solar Energy Credit provides an individual taxpayer with a credit for installing a solar or wind energy device at the taxpayer's Arizona residence.

The credit is allowed against the taxpayer's personal income tax in the amount of 25% of the cost of a solar or wind energy device, with a \$1,000 maximum allowable limit, regardless of the number of energy devices installed.

The credit should be claimed in the year of installation and if the amount of the credit exceeds a taxpayer's liability in a certain year, the unused portion of the credit may be carried forward for up to five years.

Program Details

Qualifying technologies include solar domestic water heating systems, solar swimming pool and spa heating systems, solar photovoltaic systems, solar photovoltaic phones and street lights, passive solar building systems (trombe walls, thermal mass, etc.), solar daylighting systems (excluding conventional skylights), wind generators, and wind powered pumps.

Phone

E-Mail jima@azcommerce.com

Web Sit <http://www.commerce.state.az.us/Energy/default.asp>

Program Contact

Arizona Department of Commerce Energy Office
Jim Arwood
1700 W. Washington, Suite 220
Phoenix, AZ 85007
Phone: (602) 771-1144
Fax: (602) 771-1203

Program Name **AZ - Solar and Wind Sales Tax Exemption**

Program Type Financing
Housing Type Residential

State
AZ

Service Area
ALL

Reference Number
2902

Program Description

Arizona provides a sales tax exemption* for the retail sale of solar energy devices and for installation of solar energy devices by contractors.

The statutory definition of "solar energy device" includes wind electric generators and wind-powered water pumps in addition to daylighting, passive solar heating, active solar space heating, solar water heating, and photovoltaics.

To take advantage of these exemptions from tax, a solar energy retailer or a solar energy contractor must register with the Arizona Department of Revenue prior to selling or installing solar energy devices.

Program Details

The Arizona Department of Commerce Energy Office has compiled a guide to the solar energy devices that qualify for exemption under the statutory definition. It is possible to petition the Arizona Department of Commerce to add additional items if they qualify per the statutory definition.

Phone

E-Mail jima@azcommerce.com

Web Sit <http://www.commerce.state.az.us/Energy/default.asp>

Program Contact

Arizona Department of Commerce Energy Office
Jim Arwood
1700 W. Washington, Suite 220
Phoenix, AZ 85007
Phone: (602) 771-1144
Fax: (602) 771-1203

Energy Efficiency Resources and Services

Program Name **AZ - Income Tax Subtraction for Energy Efficient Residences**

Program Type Financing
Housing Type Residential

State
AZ

Service Area
ALL

Reference Number
2903

Program Description

Arizona provides an individual income tax subtraction to the original owner of a new energy efficient home.

The credit may be claimed in the year that the house is sold. It is equal to 5% of the sales price excluding commissions, taxes, interest, points, and other brokerage, finance and escrow charges and cannot exceed \$5,000.

Program Details

Energy efficient residences include new single family-residences, condominiums, or town houses that exceed the 1995 Model Energy Code Threshold by at least 50% (90 points) as determined by an approved rating program. The subtraction is valid for taxable years beginning after December 31, 2001 and ending before December 31, 2010.

Phone 800-352-4090

E-Mail

Web Sit <http://www.revenue.state.az.us/>

Program Contact

Tax Assistance
Arizona Department of Revenue
1600 W. Monroe
Phoenix, AZ 85007-2650
602-255-3381

Fax: (602) 771-1203

Program Name **AZ - Solar Energy Property Tax Exemption**

Program Type Financing
Housing Type Residential

State
AZ

Service Area
ALL

Reference Number
2904

Program Description

Arizona's property tax exemption was established in June 2006 (HB 2429) and applies to "solar energy devices and any other device or system designed for the production of solar energy for on-site consumption."

For property tax assessment purposes, these devices are considered to add no value to the property.

Program Details

A "solar energy device" for the purpose of this incentive is defined as "a system or series of mechanisms designed primarily to provide heating, to provide cooling, to produce electrical power, to produce mechanical power, to provide solar daylighting or to provide any combination of the foregoing by means of collecting and transferring solar generated energy into such uses either by active or passive means.

Such systems may also have the capability of storing such energy for future utilization. Passive systems shall clearly be designed as a solar energy device such as a trombe wall and not merely a part of a normal structure such as a window."

Phone 800-352-4090

E-Mail

Web Sit <http://www.revenue.state.az.us/>

Program Contact

Tax Assistance
Arizona Department of Revenue
1600 W. Monroe
Phoenix, AZ 85007-2650
602-255-3381

Fax: (602) 771-1203

Energy Efficiency Resources and Services

Program Name

AZ - Energy Portfolio Standard

Program Type

Renewable

State

AZ

Service Area

ALL

Reference Number

2905

Housing Type

Policy

Program Description

Arizona enacted a renewable portfolio standard (RPS) as part of its 1997 restructuring legislation. Under Arizona's Environmental Portfolio Standard (EPS), regulated utilities in the state are required to generate a certain percentage of their electricity with renewable energy.

On Feb 27, 2006, the Arizona Corporation Commission approved a revised Environmental Portfolio Standard. Provisions include increasing the portfolio mix to 15% renewables by 2025 and an additional requirement that 30% of the renewables come from distributed generation resources.

A final decision is expected by July 31, 2006. Visit the Web site above for the latest developments.

Solar electric power must make up 50% of total renewables required in 2001, increasing to 60% in 2004-2012. Arizona Public Service, a utility, has requested and received a rule waiver allowing it to meet a portion of its EPS requirements using geothermal resources.

Program Details

Under the portfolio standard, utilities must generate a certain percentage of their electricity with renewable energy according to the following schedule:

- 0.2% in 2001
- 0.4% in 2002
- 0.6% in 2003
- 0.8% in 2004
- 1.0% in 2005
- 1.05% in 2006
- .1% in 2007-2012

The EPS requirement does not apply to Salt River Project, which is not regulated by the commission and has its own program to increase the use of renewable energy.

Phone 602-542-0828

E-Mail rwilliamson@cc.state.az.us

Web Sit <http://www.cc.state.az.us/>

Program Contact

Ray Williamson
Arizona Corporation Commission
1200 W. Washington Street
Phoenix, AZ 85007

Energy Efficiency Resources and Services

Program Name

Pima County - Home Repair Program

Program Type

Weatherization

Housing Type

Residential

State

AZ

Service Area

TEP

Reference Number

2906

Program Description

The Pima County - Home Repair Program provides no cost, direct install weatherization services to low-income homeowners who live in unincorporated Pima County.

Homes include: Conventional Homes, Mobile Homes, Doublewides, and Manufactured Homes. Applications are accepted on a continuous basis and ranked accordingly, based on the seriousness of homes' conditions.

Weatherization measures must be cost-effective and are set on the basis of an energy audit. Typical repairs include:

- Caulking areas where outside air can get in the house
- Repairing doors and weather-stripping them
- Making sure furnace and evaporative coolers work properly
- Repairing broken windows
- Insulating ceilings
- Installing sunshades
- Other repairs that make the home more comfortable and energy efficient year-round

In addition to Weatherization improvements, the program provides:

- Roof Repair
- Heating and Cooling Repair/Replacement
- Septic System Repair/Replacement
- Minor Rehabilitation (For Conventional Homes Only)
- Emergency Home Repair

Phone 520-243-6777

E-Mail msoto@csd.pima.gov

Web Sit <http://www.pima.gov/CED/CDNC/CRD/HomeRepair.html>

Program Contact

Maria Soto, Home Repair Programs
Community Development and Neighborhood Conservation
Kino Service Center
2797 E. Ajo Way
Tucson, AZ 85713

Program Details

The Pima County Home Repair program is funded by:

- U. S. Department of Housing and Urban Development
- U. S. Department of Energy
- U. S. Department of Health and Human Services Low Income Homeowner Emergency Assistance Fund (from Arizona Department of Economic Security)
- Trico Electric Cooperative
- Southwest GAS
- Tucson Electric Power Company
- Arizona Department of Commerce

Applicants must:

- Own and live in the targeted home for a minimum of 12 months.
- Property must be located in Unincorporated Pima County, (outside the City of Tucson).
- Total Income must not exceed specified household limits (income from all persons residing in the home will be included in the total annual income).

Energy Efficiency Resources and Services

Program Name

HUD - Competitive Housing Programs

Program Type

Housing Development

Housing Type

State

National

Service Area

ALL

Reference Number

5001

Program Description

HUD's annually publishes a Notice of Funding Availability (NOFA) announcing competitive funding opportunities. These funds are in addition to, and complement, the more than \$31 billion sent to communities in formula grants, housing choice vouchers, and other funding.

Several of the programs in the NOFA include rating factors awarding points to applications that include energy action plans or incorporate ENERGY STAR standards within the design and construction of an eligible project.

Funds are available to State and local governments, Indian tribes and nonprofit organizations, public and private developers and managers of affordable housing, universities, PHAs and resident organizations, and graduate students in fields of interest to HUD.

Program Details

Under HUD's competitive programs applicants are encouraged to undertake energy efficiency activities that include

- Developing Energy Star promotional and information materials.
- Providing outreach to low- and moderate-income renters and buyers on the benefits and savings when using Energy Star products and appliances.
- Utilizing Energy Star-designated products in the construction or rehabilitation of housing units, and replacing worn products with Energy Star products to reduce operating costs.
- Encouraging communities and developers to utilize ENERGY STAR building standards.

Phone

E-Mail

Web Sit www.hud.gov/offices/adm/grants/fundsavail

Program Contact

U.S Department of Housing and Urban Development

Energy Efficiency Resources and Services

Program Name

HUD - ENERGY STAR Bulkpurchasing Pilot

Program Type	Equipment Replaceme
Housing Type	Residential

State
National

Service Area
ALL

Reference Number
5002

Program Description

The ENERGY STAR Bulk Purchasing Tool offers public housing authorities, affordable housing sponsors, and other public and community-based organizations with a one-stop site to access a broad possible menu of ENERGY STAR products and equipment at competitive bulk purchase pricing.

The ENERGY STAR Bulk Purchasing Tool provides affordable housing sponsors with on-line access to manufacturers and suppliers of ENERGY STAR products.

The manufacturers and suppliers participating in this initiative recognize the potential market for ENERGY STAR within the affordable housing sector and pursuant to agreements with DOE participating manufacturers and suppliers of ENERGY STAR products have agreed to offer bulk purchase pricing. Moreover because the number of participating manufacturers and suppliers of ENERGY STAR products is not restricted, the quotes provided will be competitive.

Use of the web-based on-line program does not require special software; only access to the internet.

The On Line Bulk Purchasing Tool was developed in collaboration with the U.S. Department of Energy to simplify the process for obtaining ENERGY STAR product price information and, if desired, initiating purchases of ENERGY STAR products.

The ENERGY STAR Bulk Purchasing Tool is accessible at:
www.bulkpurchase.net

Program Details

Overview of the Online Bulk Purchase Process

- Purchasers choose an ENERGY STAR product type.
 - Purchasers complete and submit the product-specific questionnaire.
 - Participating ENERGY STAR partner suppliers will be notified via email.
 - Suppliers will have the opportunity to respond to Purchaser requests.
 - Purchasers are notified via email when a partner responds to a request.
- All subsequent responses will be posted on this web site without email notification. All dialogues are confidential.
- Purchasers log into this Web site and check Supplier responses.
 - Purchasers decide whether or not to follow up with any of the ENERGY STAR Supplier responses.

Phone

E-Mail

Web Sit www.bulkpurchase.net

Program Contact

U.S Department of Housing and Urban Development

Energy Efficiency Resources and Services

Program Name

HUD - Partnership to Advance Technology in Housing (PATH)

Program Type

Clearinghouse

Housing Type

State

National

Service Area

ALL

Reference Number

5003

Program Description

The Partnership for Advancing Technology in Housing is a HUD-supported public-private initiative dedicated to accelerating the development and use of technologies that radically improve the quality, durability, energy efficiency, environmental performance, and affordability of America's housing.

Technology has a clear relationship to the energy a house will use after it is built, as well as the resources consumed and pollution generated during its construction.

PATH's vision includes the goal of reducing the energy use and environmental impact of new housing by 50% and energy use in existing homes by 30% in the future.

PATH develops new energy- and resource-efficient systems, promotes the recycling of building materials, and helps homeowners and developers remodel their homes with technologies that are proven to reduce energy bills.

Program Details

Phone

E-Mail

Web Site www.pathnet.org

Program Contact

Office of Policy Research and Development
U.S Department of Housing and Urban Development

Energy Efficiency Resources and Services

Program Name

HUD - Housing Rehabilitation Advisor

Program Type

Audits & Diagnostics

Housing Type

State

National

Service Area

ALL

Reference Number

5004

Program Description

This Energy Efficient Rehabilitation Advisor (Advisor) is a web-based tool designed to help local governmental entities and non-profit community organizations improve energy efficiency in existing buildings undergoing moderate rehabilitation and repair.

The Advisor aids in preparing an energy profile of a residence and generates a list of recommended measures and the incremental cost, savings, and payback of the energy efficient measures in comparison to the minimum required by the governing code or standard.

The information provided is based on computer models of typical single family and typical multifamily buildings in the climate zone. The results can be used as a guideline or blueprint of the measures to consider. If you are conducting extensive rehabilitation, HUD recommends obtaining the advice of an energy professional, including an energy audit, for more accurate cost, savings, and payback estimates.

Program Details

The Advisor draws extensively on information from the U.S. Department of Energy and the U.S. Environmental Protection Agency. The Advisor's energy efficiency recommendations are based on ENERGY STAR® specifications, where applicable. The information contained in the Advisor updates the 1996 HUD publications: Guidebook for Optimizing Utility Consumption in Existing One-to-Four Family Dwellings and Guidebook for Optimizing Utility Consumption in Existing Multifamily Dwellings. HUD recommends following these guidelines when undertaking any type of renovation project in single family and multifamily housing, whether it is privately-owned or public housing.

Phone

E-Mail

Web Sit www.hud.gov

Program Contact

Office of Community Planning and Development,
U.S Department of Housing and Urban Development

Energy Efficiency Resources and Services

Program Name

HUD - Energy Clearinghouses

Program Type

Energy Efficiency - Clea

Housing Type

State

National

Service Area

ALL

Reference Number

5005

Program Description

HUD's Energy Action Plan consists of 21 proposed activities that HUD can undertake to support the energy efficiency and conservation goals of the President's National Energy Policy. The Energy Action Plan provide a framework for HUD's program and field offices to develop and undertake initiatives for improving energy efficiency in HUD-assisted housing and HUD's community and housing programs.

Program Energy Clearinghouses have been created to assist HUD's program partners implement effective energy strategies.

HUD's Office of Public and Indian Housing maintains an energy resource clearinghouse with a wide variety of information on energy efficiency resources, research, and links.
Website: www.hud.gov/offices/pih/programs/ph/phecc/

HUD's Office of Community Planning and Development maintains an energy web site that provides information on HUD's Energy Plan, policies, regulations and initiatives and links to related energy sites.
Website: www.hud.gov/offices/cpd/library/energy/

Program Details

Phone

E-Mail

www.hud.gov/offices/pih/programs/ph/phecc/

www.hud.gov/offices/cpd/library/energy/

Program Contact

Office of Public and Indian Housing
U.S Department of Housing and Urban Development

Energy Efficiency Resources and Services

Program Name

HUD - Public Housing HOPE VI

Program Type Housing Development
Housing Type

State
National

Service Area
ALL

Reference Number
5101

Program Description

HOPE VI provides grants and unprecedented regulatory flexibility to revitalize distressed public housing developments and social services for public housing residents. HOPE VI permits expenditures for the capital costs of demolition, construction, rehabilitation and other physical improvements, development of replacement housing, and community & supportive services.

The cost for design features and improvements promoting energy efficiency are eligible under the program. HUD encourages partnerships with DOE under the Rebuild America program to incorporate high performance energy improvements in HOPE VI projects.

Program Details

Phone

E-Mail

Web Sit www.hud.gov

Program Contact

Office of Public and Indian Housing
U.S Department of Housing and Urban Development

Program Name

HUD - Public Housing Energy Performance Contracting

Program Type Financing
Housing Type

State
National

Service Area
ALL

Reference Number
5102

Program Description

The Housing and Community Development Act of 1987 (HCD Act of 1987) provided housing authorities a way to finance large-scale building renovation projects from the stream of savings generated by the installation of energy-efficiency retrofits. The incentives enable housing authorities to reduce both the amount of energy used in their buildings.

and one incentive dealing with purchase arrangements that reduce the cost of energy consumed.

Program Details

Section 118(a) of the HCD Act of 1987 contained two new incentives to encourage PHAs/IHAs to implement energy conservation improvements that reduce utility consumption using nonfederal sources of funding:

- Frozen-Base Initiative: Under this incentive, the three-year rolling base utility consumption is frozen at the level of consumption before installation of the energy improvement. The initiative permits PHA to retain 100% of the cost savings during the contract period. Retained cost savings from reduced utility consumption can be used to pay for the capital and related costs of energy improvements.
- Additional Subsidy Initiative: Under this incentive, a PHA requests an additional subsidy as an "add-on" to its total operating subsidy eligibility. This additional subsidy would be applied to amortizing payments for a loan contracted to finance energy-conservation improvements with a repayment period not to exceed 12 years. PHAs could use conventional financing or other financing agreements with utilities or local government sources for repayment of the capital costs associated with this incentive.

Phone

E-Mail

Web Sit www.hud.gov

Program Contact

Office of Public and Indian Housing
U.S Department of Housing and Urban Development

Energy Efficiency Resources and Services

Program Name

HUD - Public Housing Operations

Program Type Housing Operations
Housing Type

State
 National

Service Area
 ALL

Reference Number
 5103

Program Description

HUD provides an annual subsidy to help public housing agencies (PHAs) pay some of the cost of operating and maintaining public housing units. HUD outlays for energy costs for 1.2 million public housing units were \$1.154 billion in 1999.

Under PIH Utility Policies, (Part 965.302) all PHAs must complete an energy audit for each PHA-owned project not less than once every five years. Energy audits must analyze all of the energy conservation measures, and the payback period for these measures, that are pertinent to the type of buildings and equipment operated by the PHA.

As an incentive, HUD permits PHAs to share in energy savings under the Performance Funding System used by HUD to set operating assistance levels.

Program Details

Under PIH Utility Policies, (Part 965.305) the cost of accomplishing cost-effective energy conservation measures, including the cost of performing energy audits, shall be funded from operating funds of the PHA to the extent feasible.

When sufficient operating funds are not available for this purpose, such costs are eligible for inclusion in a modernization program, for funding from any available development funds in the case of projects still in development, or for other available funds that HUD may designate to be used for energy conservation.

Regulations (Part 965.304) also require PHA to install energy conservations measures in order of their relative cost effectiveness.

Phone

E-Mail

Web Sit www.hud.gov

Program Contact

Office of Public and Indian Housing
 U.S Department of Housing and Urban Development

Program Name

HUD - Public Housing Capital Grant Program

Program Type Housing Operations
Housing Type

State
 National

Service Area
 ALL

Reference Number
 5104

Program Description

HUD's Comprehensive Grant Program (CGP) and Comprehensive Improvement Assistance Program (CIAP) provide funds to help PHAs correct physical and management deficiencies and keep units in the housing stock safe and desirable places to live.

The CGP gives large PHAs discretion for planning specific improvements and facilitates long-term planning by providing funds annually on a formula basis. Under HUD's modernization programs PHAs may incorporate cost-effective energy conservation measures that are identified in the PHA's most recently updated energy audit.

Program Details

Under PIH Utility Policies, (Part 965.305) the cost of accomplishing cost-effective energy conservation measures shall be funded from operating funds of the PHA to the extent feasible. When sufficient operating funds are not available for this purpose, such costs are eligible for inclusion in a modernization program, for funding from any available development funds in the case of projects still in development, or for other available funds that HUD may designate to be used for energy conservation.

Regulations (Part 965.304) also require PHA to install energy conservations measures in order of their relative cost effectiveness.

Phone

E-Mail

Web Sit www.hud.gov

Program Contact

Office of Public and Indian Housing
 U.S Department of Housing and Urban Development

Energy Efficiency Resources and Services

Program Name

HUD - Community Development Block Grant Program

Program Type

Energy Efficiency - Hou

Housing Type

State

National

Service Area

ALL

Reference Number

5201

Program Description

The CDBG program provides over \$4.9 billion in funding to states and communities for a wide range of community development, housing and public services.

In 1980, the U.S. Congress gave the CDBG Program a mandate to support energy efficiency and renewable energy technologies in property rehabilitation.

Funds may be used for design features and improvements promoting energy efficiency, including new construction and rehabilitation. Activities may also include public energy conservation services, assistance to neighborhood-based organizations undertaking energy conservation projects, and the development of energy use strategies to achieve maximum energy efficiency.

Program Details

Phone

E-Mail

Web Sit www.hud.gov

Program Contact

Office of Community Planning and Development,
U.S Department of Housing and Urban Development

Energy Efficiency Resources and Services

Program Name

HUD - HOME Grant Program

Program Type

Housing Development

Housing Type

State

National

Service Area

ALL

Reference Number

5202

Program Description

HOME is the largest Federal block grant to State and local governments designed exclusively to create affordable housing for low-income households. Each year approximately \$2 billion is allocated to States and hundreds of local Participating Jurisdictions (PJs) for a wide range of activities to develop, rehabilitate, or purchase affordable housing for rent or homeownership.

The HOME program provides flexibility to communities to design and implement strategies tailored to their own needs and priorities. HOME funds may be used to finance rehabilitation activities to meet local codes and, at the same time increase the efficient use of energy in structures through such means as installation of storm windows and doors, siding, wall and attic insulation, and conversion, modification, or replacement of heating and cooling equipment, including the use of solar energy equipment. Energy auditing and home energy rating are also an eligible use of HOME funds.

HUD encourages HOME PJs to incorporate ENERGY STAR qualified products and practices when conducting rehabilitation or constructing new housing. For substantial rehabilitation and new construction projects PJs are encouraged to specify ENERGY STAR Qualified Products and adopt ENERGY STAR standards for building performance. For moderate rehabilitation or repair projects, PJs can incorporate ENERGY STAR by: specifying ENERGY STAR Qualified Products; conducting Home Sealing; and, follow recommendations for Energy-Efficient HVAC systems.

Program Details

Phone

E-Mail

Web Sit www.hud.gov

Program Contact

Office of Community Planning and Development,
U.S Department of Housing and Urban Development

Energy Efficiency Resources and Services

Program Name

HUD - HOME FRONT

Program Type

Housing Development

Housing Type

State

National

Service Area

ALL

Reference Number

5203

Program Description

HOME Front is a web-based training and technical assistance site for individuals and organizations implementing the HOME Program throughout the United States..

HOME Front is made up of a series of interactive training and technical assistance modules. HUD has developed a training module on Energy Efficiency for Grant Recipients who are interested in increasing the energy efficiency of their single and multi-family projects.

This module will provide information on the importance of energy efficiency in their rehabilitation projects, strategic ways to increase energy efficiency and the benefits of working with weatherization agencies when developing a rehabilitation program.

Program Details

Phone

E-Mail

Web Sit www.hud.gov

Program Contact

Office of Community Planning and Development,
U.S Department of Housing and Urban Development

Energy Efficiency Resources and Services

Program Name

HUD - Multifamily Utility Support

Program Type

Housing Operations

Housing Type

State

National

Service Area

ALL

Reference Number

5301

Program Description

HUD provides two primary rental support programs that provide utility allowance to low-income households. HUD's tenant-based Section 8 certificate and voucher programs serve an estimated 1.6 million households. HUD's project-based Section 8 rental assist program serves an additional 1.4 million households.

Rents for the Section 8 program are based on Fair-Market Rate (FMR) schedules published by HUD and the Payment Standards adopted by PHA's. Under these programs families generally pay 30% of their adjusted income towards rent. The Section 8 program makes up the difference between the tenants contribution and the contract rent. Under HUD guidelines, HUD interprets rent to include reasonable utility costs. A utility allowance set by the PHA is typically used to determine the portion of the contract rent that reflects the expected cost of reasonable utility consumption. In cases where the household pays a utility company directly, it receives a reduction in the rental payment in the amount of the utility allowance for the area. The estimated total utility costs for the Section 8 program is \$2.5 billion annually; roughly 16 % of the total annual budget authority for the section 8 program.

Program Details

Phone

E-Mail

Web Sit www.hud.gov

Program Contact

Office of Multifamily Housing,
U.S Department of Housing and Urban Development

Energy Efficiency Resources and Services

Program Name

HUD - Multifamily Reserves for Replacement

Program Type

Housing Operations

Housing Type

State

National

Service Area

ALL

Reference Number

5302

Program Description

Replacement reserve accounts of affordable housing programs are established to cover the costs of capital improvements, such as major building systems.

Use of replacement reserve accounts for energy efficiency upgrades is an eligibility activity, but are subject to the terms and conditions of the regulatory agreement and must be negotiated with the regulatory partner to determine whether it can draw down funds for this purpose.

Generally, the costs of the improvements, amount held in replacement reserve, and restrictions placed on the reserves determine whether the energy efficiency upgrades are financially feasible. Below are three common scenarios for using replacement reserve accounts for energy efficiency.

Program Details

Phone

E-Mail

Web Sit www.hud.gov

Program Contact

Energy Efficiency Resources and Services

Program Name

HUD - Single Family - Energy Efficiency Mortgage

Program Type

Financing

Housing Type

State

National

Service Area

ALL

Reference Number

5401

Program Description

The Energy Efficient Mortgages (EEM) program enables homebuyers or homeowners them to finance the cost of adding energy-efficiency features to new or existing housing as part of their FHA-insured home purchase or refinancing mortgage.

The cost of the improvements that may be eligible for financing as part of the mortgage is either 5 percent of the property's value (not to exceed \$8,000) or \$4,000-- whichever is greater. The improvements can be included in a borrower's mortgage only if their total cost is less than the total dollar value of the energy that will be saved during their useful life.

The borrower does not need to qualify for the additional financing or provide additional down payment. There is also no need for a second appraisal that reflects the expense of the energy package and the improvements may be applied to retrofit an existing house or improve the energy efficiency of proposed construction.

For more details about the Energy Efficient Mortgage program see Mortgagee Letter 2005-21.

Program Details

The Energy Efficient Mortgage program allows a borrower to finance 100 percent of the expense of a cost-effective "energy package," i.e., the property improvements to make the house more energy efficient.

The energy package is the set of improvements agreed to by the borrower based on recommendations and analysis performed by a qualified home energy rater using a tool known as a Home Energy Rating System (HERS). The HERS must both meet the minimum requirements of the Department of Energy (DOE) approved ratings guidelines and must have achieved passing results from DOE's Building Energy Simulation Test (BESTEST) or subsequent testing requirements.

A cost-effective energy package is one where the cost of the improvements, including maintenance, is less than the present value of the energy saved over the useful life of those improvements.

For new construction, the energy package includes those cost-effective energy improvements over and above the requirements of the 2000 International Energy Conservation Code, formerly known as the Model Energy Code.

Phone

E-Mail

Web Sit www.hud.gov

Program Contact

Office of Single Family Housing,
U.S Department of Housing and Urban Development

Energy Efficiency Resources and Services

Program Name

HUD - Single Family - Streamline K

Program Type

Financing

Housing Type

State

National

Service Area

ALL

Reference Number

5402

Program Description

The 203(k) program has been the primary tool of the Federal Housing Administration (FHA) for providing insured mortgage financing for the purchase of single-family properties in need of rehabilitation.

The Streamlined (k) program is intended to facilitate minor rehabilitation work, as identified in a pre-purchase home inspection or the FHA appraisal and/or improvements to a home for which plans, consultants, engineers and/or architects are not required.

The mortgage amount will allow for acquisition of the property and up to \$30,000 in the loan proceeds to be applied toward repair/rehabilitation of the property.

Mortgagee Letters 2005-19 and 2005-50 provide additional details about the Streamline K program.

Program Details

The Streamlined (k) program includes several energy efficiency discretionary improvements. They include:

- Repair/Replacement/upgrade of existing HVAC systems
- Weatherization, including storm windows and doors, insulation, weather stripping, etc.
- Purchase and installation of appliances, including free-standing ranges, refrigerators, washers/dryers, dishwashers and microwave ovens
- Window and door replacements and exterior wall re-siding

Other eligible repairs include:

- Repair/Replacement of roofs, gutters and downspouts
- Repair/Replacement/upgrade of plumbing and electrical systems
- Repair/Replacement of flooring
- Minor remodeling, such as kitchens, which does not involve structural repairs
- Painting, both exterior and interior
- Accessibility improvements for persons with disabilities
- Lead-based paint stabilization or abatement of lead-based paint hazards
- Repair/replace/add exterior decks, patios, porches
- Basement finishing and remodeling, which does not involve structural repairs
- Basement waterproofing
- Septic system and/or well repair or replacement

Phone

E-Mail

Web Sit www.hud.gov

Program Contact


Office of Single Family Housing,
U.S Department of Housing and Urban Development

Energy Efficiency Resources and Services

Program Name

HHS - Low Income Energy Assistance Program (AZ)

Program Type

Energy Assistance 

Housing Type

Residential

State

AZ

Service Area

ALL

Reference Number

6102

Program Description

The Department of Health and Human Services (HHS) Low Income Housing Energy Assistance Program (LIHEAP) program provides assistance to low income households to pay energy bills and undertake energy efficiency improvements.

Program Details

The level of assistance is determined on the basis of household energy bills and income.

Households submit applications to designated local Community Action Agencies to receive financial assistance.

Households incomes must be 175 or less percent of federal poverty guidelines; senior/disabled households must be 200 or less percent of federal poverty guidelines.

Phone 800-357-4486

E-Mail

Web Site www.azdes.gov/csa/programs/uap/default.asp

Program Contact

CSA
Mary-Ellen Kane,
Program Specialist
602-542-6600



Energy Efficiency Resources and Services

Program Name

DOE - Weatherization Assistance Program (AZ)

Program Type

Energy Efficiency

State

AZ

Service Area

ALL

Reference Number

6202

Housing Type

Residential

Program Description

DOE's Weatherization Assistance Program (WAP) provides no cost, direct install weatherization services to low-income households to improve the energy efficiency.

Weatherization measures must be cost-effective and are set on the basis of an energy audit. The follow is a list of approved measures.

- Adding thermal insulation to the residential building envelope, most typically attic insulation.
- Shading sun-exposed windows, primarily for houses using central refrigeration cooling.
- Implementing air leak control measures to reduce excessive infiltration of outside air.
- Testing, tuning and maintaining heating and cooling equipment.
- Reducing duct leakage where heating and central refrigerated air is distributed by a forced air system.
- Installing low-flow showerheads and other general energy and water efficiency measures.
- Other energy conservation improvements as identified by the home energy auditor.

Households incomes must be 175 or less percent of federal poverty guidelines; senior/disabled households must be 200 or less percent of federal poverty guidelines.

Program Details

In Arizona, the WAP is administered by the Arizona Department of Commerce, Energy Division. The WAP program, in combination with HHS' Low Income Housing Energy Assistance Program (LIHEAP) and utility company low income energy efficiency programs, is delivered by Community Services Agency through local action agencies.

Applications will be taken by designated local action agencies.

A list of designated local action agencies is available on the following web sites:

- Arizona Department of Commerce, Energy Division:
www.azcommerce.com/Energy/Weatherization.htm
- Community Service Agency:
www.azdes.gov/csa/programs/uap/default.asp

Phone 800-357-4486

E-Mail

Web Sit www.azdes.gov/csa/programs/uap/default.asp
www.azcommerce.com/Energy/Weatherization.htm

Program Contact

Energy Efficiency Resources and Services

Program Name **DOE - State Energy Program (SEP)**

Program Type Technical Assistance
Housing Type ALL

State
National

Service Area
ALL

Reference Number
6211

Program Description

DOE's State Energy Program State Energy Program (SEP) provides funding to support Statewide energy policies and programs and provide direction and set priorities for the state's energy future.

A wide variety of statewide energy activities are supported in each State. Activities include technical assistance to develop energy efficiency building standards, design energy production and efficiency programs, case studies, and special projects.

The programs is administered by State Energy Offices.

Program Details

Arizona Department of Commerce - Energy Office

California Energy Commission

Hawaii Department of Business, Economic Development, and Tourism - Energy Division

Nevada Department of Energy

Phone

E-Mail

Web Sit

Program Contact

State Energy Offices

Program Name **DOE - Rebuild America (AZ)**

Program Type Technical Assistance
Housing Type

State
AZ

Service Area
ALL

Reference Number
6222

Program Description

The Rebuild America program provides technical assistance to promote energy efficiency and renewable energy in public, commercial, and public-housing buildings. Rebuild America works to overcome market barriers that inhibit use of the best technologies. Building owners and managers in both the public and private sectors often lack knowledge of the best technologies, financing mechanisms, savings potential and other benefits. To break down these barriers, the program:

- Spreads knowledge
- Develops projects to stimulate market change
- Provides analyses and advice in support of the best technologies
- Networks with state and local governments and the private sector

Program Details

Phone

E-Mail

Web Sit

Program Contact

Arizona Commerce Department - Energy Office

Energy Efficiency Resources and Services

Program Name **DOE - Solar Powers America Initiative (AZ) (formerly Million Solar Roofs)**

Program Type Technical Assistance
Housing Type Renewable

State
 AZ

Service Area
 ALL

Reference Number
 6232

Program Description

Program Details

The Million Solar Roofs program facilitates public-private partnerships to support communities strategies promoting solar electric and solar domestic water and pool heating systems.

Million Solar Roof partnerships involve utility companies, building industry, solar manufacturers, state and local governments, community-based organizations, the national laboratories and research universities, labor and agriculture.

Million Solar Roof objectives are to overcome barriers to market entry and support states and local communities in facilitating sustained deployment of solar energy technologies.

Million Solar Roofs activities have reached "technology acceptance" and are part of the larger program, called the Solar America Initiative (SAI).

The SAI is a \$148 million program to accelerate the development of advanced solar electric technologies, including photovoltaics and concentrating solar power systems, with the goal of making them cost-competitive with other forms of renewable electricity by 2015.

In Arizona, over 16 communities established solar partnerships. The communities included:

- Alameda County Solar Partnership
- State of California
- California Building Energy Association
- City of Anaheim Solar Partnership
- City of Los Angeles, Los Angeles Department of Water and Power
- County of Humboldt
- County of Marin
- City of Sacramento
- San Diego Area
- City and County of San Francisco
- Bay Area Solar Consortium
- County of Santa Barbara Million Solar Roofs Partnership
- City of Santa Monica
- The Central Valley Solar Partnership
- County of Ventura
- Tahoe-Nevada Partnership

A legislative initiative establishing a statewide Million Solar Roofs program (SB1) was defeated in 2005.

Information on Solar Resources and Solar developments is available on the Environment California web site:
www.environmentcalifornia.org/energy/million-solar-roofs

Phone 202-586-2305

E-Mail

Web Sit <http://www.millionsolarroofs.org/>

Program Contact

U.S. Department of Energy
 Glenn Strahs

Energy Efficiency Resources and Services

Program Name DOE - Federal Energy Management Program (FEMP)

Program Type Audits & Diagnostics	State National	Service Area ALL	Reference Number 6241
Housing Type			

Program Description

Program Details

Part of Easy Ways To Save Energy Campaign. The U.S. Department of Energy (DOE) is partnering with the Energy Solutions Center Inc., a technology commercialization and market development organization, to train federal energy managers, utilities and manufacturers in the adoption of energy-efficient technologies. The partnership will focus on how to utilize commercially available energy efficiency and renewable energy technologies that will help the federal government slash energy consumption. The program will complement the work of the DOE Energy Saving Expert Teams that are helping federal and private sector facilities save energy this winter. Both programs are part of DOE's Easy Ways to Save Energy campaign, which kicked off in October.

Phone	Program Contact
E-Mail	
Web Sit www.eere.energy.gov/femp/	

Program Name EPA - Green Power Network

Program Type Green Building - Clearin	State National	Service Area ALL	Reference Number 6301
Housing Type Renewable			

Program Description

Program Details

The Green Power Network (GPN) is a national clearinghouse providing news and information on green power markets and related activities.

The Green Power Network site provides information on green power providers, product offerings, consumer protection issues, and policies affecting green power markets. It also includes a reference library of relevant papers, articles and reports.

The Green Power Network is operated and maintained by the National Renewable Energy Laboratory for the U.S. Department of Energy.

A significant resource offered by the Green Power Network is a directory of state and local green purchasing programs including current RFP for utility company purchases of renewable energy/green tags.

The Green Power Network is accessible by the internet at:
<http://www.eere.energy.gov/greenpower/index.shtml>

Phone	Program Contact
E-Mail	DOE
Web Sit http://www.eere.energy.gov/greenpower/index.shtml	

Energy Efficiency Resources and Services

Program Name

EnergyTax Incentives.org

Program Type	Clearinghouse
Housing Type	

State
National

Service Area
ALL

Reference Number
6401

Program Description

The website, a collaboration of the Alliance to Save Energy, the American Council for an Energy-Efficient Economy and other nonprofit organizations and government agencies, provides information to consumers on new federal income tax incentives in the Energy Policy Act of 2005. Under the law, individuals and businesses can receive tax incentives for installing insulation, efficient windows and lighting. The law also provides tax credits for the purchase of hybrid vehicles, efficient appliances and heating and cooling systems, as well as high-efficiency new home and commercial building construction.

Program Details

Phone

E-Mail

Web Sit www.energytaxincentives.org

Program Contact

Program Name

IRS - Tax Credit for Construction of New Energy Efficiency Homes

Program Type	Tax Incentive
Housing Type	

State
National

Service Area
ALL

Reference Number
6402

Program Description

Energy efficient New Home Construction Credit - Contractors constructing new energy efficient homes are eligible for a new credit of \$2,000 per dwelling unit.

The dwelling unit must be certified to have an annual heating and cooling energy consumption that is at least 50 percent below that of a comparable dwelling unit constructed to 2004 Supplement to the 2003 IECC standards.

Building envelope component improvements must account for at least 10 percent of the reduction. The new energy efficient home must be sold by the contractor to a person for use as a residence during the tax year.

Program Details

Refer to IRS Guidance - Notice 2006-27 for details and requirements that must be satisfied before claiming tax credit.

The credit only applies to new home construction. However, the definition of "construction" for this purpose includes substantial reconstruction and rehabilitation.

The credit is part of the general business credit.

The new home must be acquired after December 31, 2005, and before January 1, 2008, in order for the contractor or producer to get the credit. The home also must be located in the U.S

Phone

E-Mail

Web Sit www.energytaxincentives.org

Program Contact

U.S. Department of Treasury.
Internal Revenue Service

Energy Efficiency Resources and Services

Program Name

IRS - Tax Credit for Energy Efficiency Manufactured Homes

Program Type

Tax Incentive

Housing Type

State

National

Service Area

ALL

Reference Number

6403

Program Description

Energy Efficient Manufactures Home Credit - Contractors constructing energy efficient manufactured homes are eligible for a new credit of either \$1,000 or \$2,000 per dwelling unit depending on the energy standards reached.

To be eligible for the \$2,000/ unit tax credit, the manufactured home must be certified to have an annual heating and cooling energy consumption that is at least 50 percent below that of a comparable manufactured homes constructed to 2004 Supplement to the 2003 IECC standards. Building envelope component improvements must account for at least 10 percent of the reduction.

To be eligible for the \$1,000/ unit tax credit The \$2,000 credit the manufactured home must be certified to have an annual heating and cooling energy consumption that is at least 30 percent below that of a comparable manufactured homes constructed to 2004 Supplement to the 2003 IECC standards.

The energy efficient manufactured home must be sold by the contractor to a person for use as a residence during the tax year.

Program Details

Refer to IRS Guidance - Notice 2006-28 for details and requirements that must be satisfied before claiming tax credit.

The credit is part of the general business credit.

The new home must be acquired after December 31, 2005, and before January 1, 2008, in order for the contractor or producer to get the credit. The home also must be located in the U.S

Phone

E-Mail

Web Sit www.energytaxincentives.org

Program Contact

U.S. Department of Treasury.
Internal Revenue Service

Energy Efficiency Resources and Services

Program Name

IRS - Tax Credit for Energy Efficiency Home Improvements

Program Type

Tax Incentive

Housing Type

State

National

Service Area

ALL

Reference Number

6404

Program Description

Energy Efficient Home Improvement provides a tax credit for the purchase of significant energy-efficiency improvements and property.

The credit is equal to the sum of (1) 10-percent of significant energy efficiency improvements to existing homes and (2) residential energy property expenditures.

The credit is limited to \$500 lifetime, across all tax years. The credit applies to property placed in service after December 31, 2005, and before January 1, 2008.

The energy efficiency improvement must be expected to remain in use for at least five years.

Generally, the following improvements, if they satisfy certain energy conservation codes, qualify for the 10-percent credit for energy efficient building envelope components:

- Any insulation material or system primarily designed to reduce heat loss or gain.
- Exterior windows, including skylights, and doors. No more than \$200 of the \$500 allowed in total across all tax years may be attributable to window expenditures.
- Metal roofs coated with heat-reducing pigments

Program Details

Refer to IRS Guidance - Notice 2006-26 for details and requirements that must be satisfied before claiming tax credit.

The maximum amount of the credit allowable to a taxpayer is \$500 (\$200 in the case of amounts paid or incurred for exterior windows (including storm windows and skylights)).

In addition, the maximum amount of credit allowed is--

- (1) \$50 for any advanced main air circulating fan;
- (2) \$150 for any qualified natural gas, propane, or oil furnace or hot water boiler; and
- (3) \$300 for any item of energy-efficient building property (that is, property described in section 5.01(1)-(7) of this notice).
 - An electric heat pump water heater that yields an energy factor of at least 2.0 in the standard DOE test procedure;
 - An electric heat pump that has a heating seasonal performance factor (HSPF) of at least 9, a seasonal energy efficiency ratio (SEER) of at least 15, and an energy efficiency ratio (EER) of at least 13;
 - A closed loop geothermal heat pump that has an EER of at least 14.1 and a heating coefficient of performance (COP) of at least 3.3;
 - An open loop geothermal heat pump that has an EER of at least 16.2 and a heating COP of at least 3.6;
 - A direct expansion geothermal heat pump that has an EER of at least 15 and a heating COP of at least 3.5;
 - A central air conditioner that achieves the highest efficiency tier that has been established by the Consortium of Energy Efficiency and is in effect on January 1, 2006;
 - A natural gas, propane, or oil water heater that has an energy factor of at least 0.80;

The taxpayer's basis in the property is reduced by the amount of the credit.

Phone

E-Mail

Web Sit www.energytaxincentives.org

Program Contact

U.S. Department of Treasury.
Internal Revenue Service

Energy Efficiency Resources and Services

Program Name

IRS - Tax Credit for Renewable Energy Efficient Tax Credit (Individual T

Program Type

Tax Incentive

Housing Type

State

National

Service Area

ALL

Reference Number

6405

Program Description

Renewable Energy Efficient Credits - Individuals that install solar hot water, photovoltaic (electricity-generating solar) equipment or fuel cell property in their homes are eligible for a new 30 percent tax credit up to a maximum credit for any tax year is \$2,000 for solar water heating equipment, \$2,000 for photovoltaic property, and \$500 with respect to each 0.5 kilowatt of capacity for fuel cell property.

The nonrefundable credit applies to property placed in service after December 31, 2005, and before January 1, 2008.

Taxpayers can include labor costs allocable to on-site preparation, assembly or original installation of the property. The taxpayer's basis in the property is reduced by the amount of the credit.

Program Details

Refer to IRS Guidance for details and requirements that must be satisfied before claiming tax credit.

Phone

E-Mail

Web Sit www.energytaxincentives.org

Program Contact

U.S. Department of Treasury,
Internal Revenue Service

Energy Efficiency Resources and Services

Program Name

IRS - Tax Credit for Renewable Energy Efficient Tax Credit (Commercial

Program Type

Tax Incentive

Housing Type

State

National

Service Area

ALL

Reference Number

6406

Program Description

Renewable Energy Efficient Credits - Businesses
Individuals that install solar hot water, photovoltaic (electricity-generating solar) equipment or fuel cell property in their homes are eligible for a new 30 percent tax credit with no cap on credit amount.

Generally, the commercial solar tax credit may be claimed for equipment which uses solar energy to generate electricity, to heat or cool (or provide hot water for use in) a structure, or to provide solar process heat, excepting property used to generate energy for the purposes of heating a swimming pool.

Commercial solar tax credits are claimed by the owner of eligible property. Any owner that cannot use credits on a solar project because of an inadequate tax burden may explore either selling the project to and leasing it back from another company that can use the credits -- in which case the original owner could share in the tax incentives indirectly in the form of reduced rent -- or else bringing in an equity investor that can use the credits as a partner.

In a sale-leaseback, the lessor claims the credits. In many cases, the lessor may commit to the sale-leaseback before construction starts, but it will not actually fund until construction of the project has been completed. T

The closing on the sale-leaseback must occur within three months after the project is put into service, or the lessor cannot claim any commercial solar tax credits.

Commercial solar tax credits can only be claimed on new equipment. The nonrefundable credit applies to property placed in service after December 31, 2005, and before January 1, 2008.

Program Details

Refer to IRS Guidance for details and requirements that must be satisfied before claiming tax credit.

Phone

E-Mail

Web Sit www.energytaxincentives.org

Program Contact

U.S. Department of Treasury,
Internal Revenue Service

Energy Efficiency Resources and Services

Program Name

USDA - Home Energy Advantage

Program Type

Housing Development

Housing Type

State

National

Service Area

All

Reference Number

6501

Program Description

The USDA Home Energy Advantage program provides higher qualifying ratios by up to two percentage points if an energy-efficient home is purchased. The program recognizes that owners of energy efficient homes spend less money on utility bills, so they can afford larger mortgage payments. The cost of installing energy-saving features or buying energy-efficient appliances may be included in the loan amount.

The USDA program is similar to Efficient Mortgages (EEMs), which are offered through the Federal Housing Administration (FHA), a part of the U.S. Department on Housing and Urban Development (HUD).

Program Details

Phone

E-Mail

Web Sit

Program Contact

Energy Efficiency Resources and Services

Program Name

Green Communities Initiative

Program Type

Housing Development

Housing Type

Residential

State

National

Service Area

ALL

Reference Number

7001

Program Description

National program providing grants, loans, equity and technical assistance for development of green multifamily residential buildings.

Refer to web site for guidelines and eligibility criteria.

Program Details

Projects must meet the Enterprise Foundation's Green Underwriting criteria. For new construction or rehabilitation.

The program offers a package of financial incentives and other resources to community-based organizations and home builders across the country. These resources over five years include:

Grants to assist in planning, designing and building Green Communities homes (\$5 million). Grants (\$15,000-\$50,000) for planning and predevelopment; development and acquisition loans; and equity; and technical training.

Low-interest loans to enable developers to acquire sites and start construction (\$50 million). Loan amounts are capped at \$3million with interest rates of 5.5% to 6% and terms of 36 months.

Equity investments to fund rehabilitation and construction (\$500 million through ESIC). Equity investments may be targeted at specific geographic areas.

Training and technical support for planning, design, development and property management.

Policy advocacy, best practices documentation and research and evaluation.

Phone 410-964-1230

E-Mail Not Available

Web Sit www.enterprisefoundation.org/resources/green

Program Contact

The Enterprise Foundation
10227 Wincopin Circle, Suite 500,
Columbia, MD 21044
Phone: 410.964.1230

Energy Efficiency Resources and Services

Program Name **HAC/HOME DEPOT Green Fund**

Program Type	Green Building	State	Service Area	Reference Number
Housing Type	Residential	National	ALL	7002

Program Description

Small grant program promoting green building and healthy homes in affordable rural housing.

Program established by Housing Assistance Council and HOME Depot.

Program Details

Program provides small grants ranging from \$10,000 - \$20,000 to rural non-profits for housing development activities supporting green building and healthy home techniques.

Phone 202-842-8600
E-Mail hac@ruralhome.org
Web Site www.ruralhome.org

Program Contact
 Housing Assistance Council
 1025 Vermont Ave, N.W., Suite 606
 Washington, D.C. 20005
 202-842-8600
 FAX 202-347-3441

Program Name **RESNET**

Program Type	Clearinghouse	State	Service Area	Reference Number
Housing Type	Residential	National	ALL	7003

Program Description

National organization responsible for setting standards for home energy inspections.

Organization promotes use of EEM financing programs and increase access to energy rating services

Program Details

KEY SERVICES: Accreditation of energy raters; Home rating standards; Lender Training on EEM; Market Development for Mortgage Companies and Home Energy Rating Systems; Implementation of State Energy Codes; Real Estate Professional Training

Phone 760-806-3448
E-Mail Not Available
Web Site www.natresnet.org

Program Contact
 RESNET
 P.O. Box 4561
 Oceanside, CA 92052-4561
 (760) 806-3448

Energy Efficiency Resources and Services

Program Name

SEAR Bulk Purchasing Model Program

Program Type	Clearinghouse
Housing Type	Residential

State
National

Service Area
ALL

Reference Number
7004

Program Description

National clearinghouse for promoting the production and purchase of energy efficiency products through bulk purchasing programs.

The Super-Efficient Apartment Sized Refrigerators (SEAR) initiative encouraged the production of a super efficient refrigerator through bulk purchasing agreements from utility companies and public housing agencies.

Program Details

The Clearinghouse assists in formulating energy efficiency specifications for households appliances and coordinates purchasing requests to leverage market production of high efficiency products.

The Clearinghouse also developed guidelines for establishing bulk purchasing programs to expand the purchasing of high efficiency products.

Products suited to bulk purchasing for which high efficiency specification have been developed include:
Refrigerators; Dishwashers; Commercial clothes washers; Room air conditioners; Central air conditioning; Lighting; and Commercial boilers

Phone 617-589-3949

E-Mail Not Available

Web Sit <http://www.cee1.org/>

Program Contact

Consortium for Energy Efficiency
98 North Washington Street, Suite 101
Boston, Mass 02114-1918

Program Name

The Energy Foundation

Program Type	Financing
Housing Type	Community

State
National

Service Area
ALL

Reference Number
7005

Program Description

The Energy Foundation is a partnership to advance energy efficiency and renewable technologies to address local energy issues.

Energy Foundation makes grants to nonprofit charitable organizations classified as 501(c)(3) public charities by the Internal Revenue Service.

The Energy Foundation is particularly interested in proposals to establish stringent state and national appliance and equipment standards and create public policy incentives that pull super-efficient appliances and equipment into the market and result in buildings that surpass model energy codes by 30 to 50 percent.

Program Details

An application is available on web site.

Phone 415-561-6700

E-Mail energyfund@ef.org

Web Sit <http://www.ef.org/home.cfm>

Program Contact

The Energy Foundation
1012 Torney Avenue #1
San Francisco, CA 94129

Energy Efficiency Resources and Services

Program Name

DSIRE (Database of State Incentives for Renewable Energy)

Program Type

Clearinghouse

State

National

Service Area

ALL

Reference Number

7006

Housing Type

Program Description

The Database of State Incentives for Renewable Energy (DSIRE) is a comprehensive source of information on state, local, utility, and selected federal incentives that promote renewable energy.

DSIRE is an ongoing project of the Interstate Renewable Energy Council (IREC), funded by the U.S. Department of Energy and managed by the North Carolina Solar Center .

Program Details

Accessible by internet at: <http://www.dsireusa.org/>

Phone

E-Mail <http://www.dsireusa.org/>

Web Sit

Program Contact

Energy Efficiency Resources and Services

Program Name

ENERGY LOAN - (Fannie Mae/Viewtech Financial Services)

Program Type	Financing
Housing Type	Residential

State
National

Service Area
ALL

Reference Number
7007

Program Description

The Energy Efficiency Home Loan Center (Loan Center) was established by Fannie Mae and Viewtech Financial Services (Viewtech) to provide residential third-party financing programs to complement energy efficiency program sponsors and contractors.

The Loan Center provides streamlined "turnkey" residential financing process to sponsors and contractors.

Among the products offered, Fannie Mae's Energy Loan is a special product developed to provide homeowners with an unsecured finance option for specified energy efficient home improvements delivered by approved contractors.

Lending programs typically provide fixed term financing packages that permit customers to borrow \$2,500 to \$20,000 for up to 10 years through a simplified underwriting process.

The Energy Loan is available through multiple approved Fannie Mae lenders. To ensure consumer protection, Fannie Mae requires its approved lenders to undertake contractor/dealer screening processes.

Program Details

For more information in the Energy Efficiency Loan Center contact Viewtech at: 800-998-8658 or information@viewtechfinancialservices.com

Energy efficiency measures typically include:

- HVAC
- Doors or windows
- Insulation
- Appliances
- Roofing
- Water heaters
- Solar water heaters

Phone 800-998-8658

E-Mail information@viewtechfinancialser

Web Sit www.viewtechfinancialservices.comwww.energyloans.org

Program Contact

Viewtech Financial Services, Inc. 5109-D East La Palma Avenue Anaheim, CA 92807 clain@viewtechfinancialservices.com
