



SOUTHWEST GAS CORPORATION

Demand Side Management and Energy Efficiency Activities

Bobbi Sterrett
Supervisor, Conservation & DSM

November 9, 2009

Southwest Gas Profile

- Over 1.8 million customers in portions of Arizona, Nevada, and California
- The largest distributor of natural gas in Arizona and Nevada
- 99% residential and commercial customers



Recent Events

- Arizona DSM Plan
 - Current programs
 - Pending modifications
- Initial portfolio of Conservation & Energy Efficiency (CEE) Programs approved in Nevada
- New Technologies (opportunities)

Arizona DSM Programs

- Six current programs
 - Low-Income Energy Conservation
 - ENERGY STAR® Home
 - Consumer Products
 - Commercial Equipment
 - Distributed Generation
 - Technology Information Center

Arizona DSM Programs

Cumulative Savings	
Therms	246,393
kWh	8,104,687
CO ₂ (tons)	1450
NOx (lbs)	54
SO ₂ (lbs)	14

Arizona DSM Programs

- Proposal filed June 2009
 - Program modifications
 - New programs
 - Solar Thermal Advantage Rebate
 - Large Commercial Energy-Efficient Boiler
- Rate and Regulatory Incentive Docket
 - Establish energy efficiency standards
 - Necessary regulatory changes
 - Utility indifferent to level of sales
 - Align utility and customer interests

Nevada CEE Programs

- Three-year program approval
- Eight programs
- Decoupling approved
 - General Revenues Adjustment (GRA)
 - Effective November 1, 2009
 - CEE programs implemented when decoupling approved

Nevada CEE Programs

- Residential Consumer Products
- ENERGY STAR® Home
- Low-Income Energy Conservation
- Commercial Equipment
- Commercial Energy Audits
- Solar Thermal Advantage Rebate
- Technology Information Center
- Energy Education



SOUTHWEST GAS CORPORATION

smarter > greener > better™

Smarter Greener Better

Learn how you can make energy decisions that are smarter, greener, and better for you and the environment. Please visit us at www.conservationsrebates.com, or call 1-866-802-7790.



SOUTHWEST GAS CORPORATION smarter > greener > better™

Now's the perfect time to make smarter choices for your business and the environment. Apply for rebates and save when you replace your old inefficient commercial equipment with NEW, high-efficiency models. Eligible natural gas appliances include:



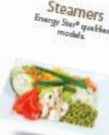
Water Heater
Storage commercial models.

Available Rebate
\$10 per 1,000 Btu.
Maximum of \$1,700 per
qualifying appliance.



Griddles
Energy Star® qualified models.

Available Rebate
\$2,100 per
qualifying appliance.



Steamers
Energy Star® qualified models.

Available Rebate
\$200 per
qualifying appliance.

Rebates are Better for Business
For a limited time, Southwest Gas commercial customers may be eligible to receive up to two rebates per appliance type on the purchase and installation of high-efficiency natural gas steamers, griddles, or existing facilities. Call 1-800-654-2765 for eligibility.



To determine appliance eligibility prior to purchase, and to obtain a rebate, please visit us on our rebate website at www.conservationsrebates.com or call 1-800-654-2765.



ENERGY STAR® Homes



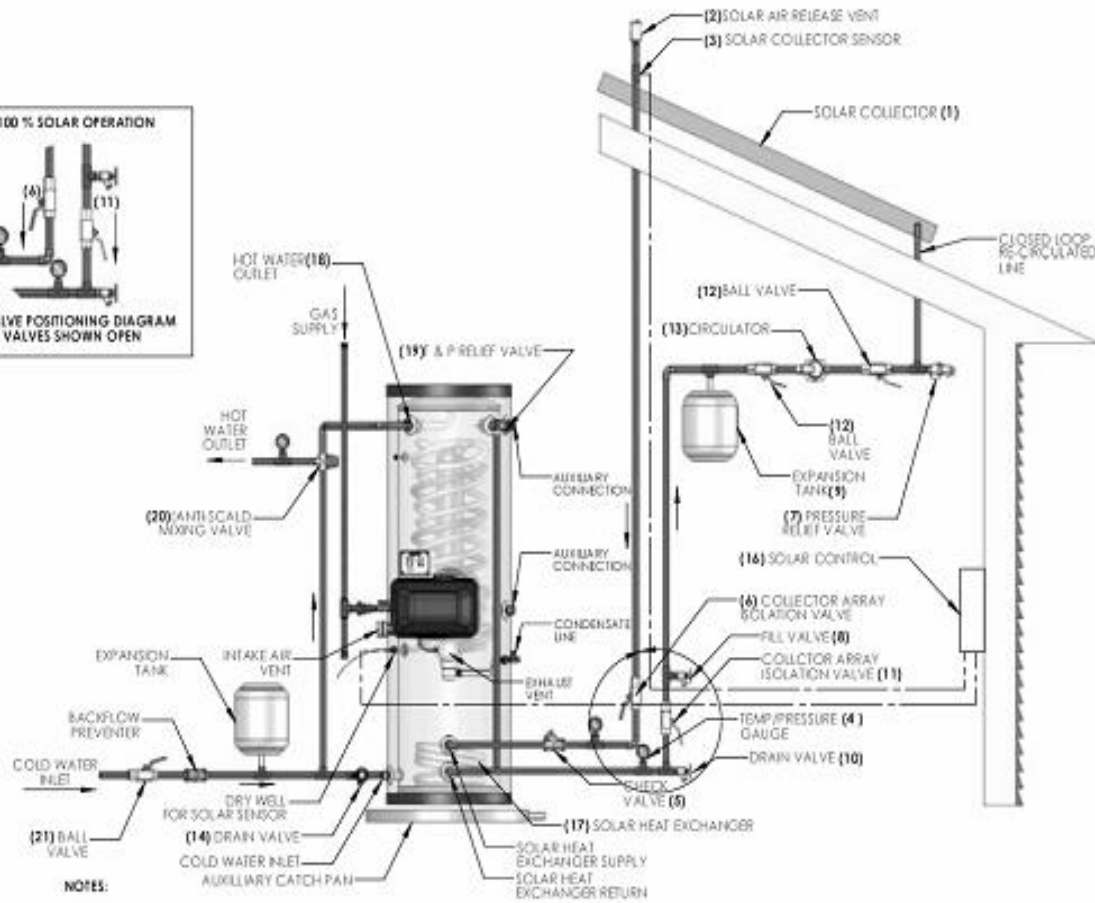
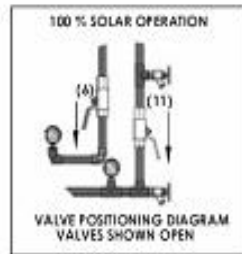
smarter > greener > better™



Nevada Low-Income Energy Conservation (LIEC) program

New Technologies

- Solar
 - Arizona
 - DSM program
 - Demonstration projects
 - Solar thermal water heating with hydronic space heating (Tucson)
 - Solar thermal absorption chiller (Tempe)
 - Nevada
 - CEE program
 - Rulemaking to establish Solar Thermal Systems Demonstration Program (SB 188)
- “Smart” showerhead (evolve)
- ENERGY STAR[®] requirements







Estimated Annual Energy Savings and Cost-Effectiveness

	2008	2009*	2010**
Arizona			
Therms	138,576	96,266	456,062
kWh	4,207,846	3,139,600	11,064,136
Cost-Effectiveness	1.61	1.82	2.51
Nevada			
Therms			426,020
kWh			4,430,245
Cost-Effectiveness			1.60
California			
Therms	193,331	39,944	1,002,425

*Actual numbers for the first three quarters of 2009.

**Estimated numbers for the year 2010.

ARRA Activities

- Arizona
 - Distributed Generation \$825,000
 - Appliance Rebate Program \$6.2 million
- Nevada
 - Energy Efficiency Appliance Replacement Program \$2.5 million



SOUTHWEST GAS CORPORATION