



## 2012 Nevada Conservation & Energy Efficiency Programs

November 8, 2011

2012

### NEVADA CEE PROGRAMS

- Residential Consumer Products
- Commercial Equipment
- Commercial Energy Audits
- *Smarter Greener Better* Solar Water Heating
- ENERGY STAR® Homes

2

## RESIDENTIAL CONSUMER PRODCUTS

| Appliance<br><small>(Maximum of 2 units per<br/>appliance type per customer)</small> | Requirements  | Available<br>Rebate |
|--|---|---------------------|
| Natural Gas<br>Storage Water Heater  | EF $\geq$ 0.62;<br>Storage capacity<br>between 29-65 gallons            | \$100               |
| Natural Gas<br>Tankless Water Heater   | ENERGY STAR <sup>®</sup><br>qualified                                   | \$200               |
| Natural Gas<br>Clothes Dryer   | Must have a moisture<br>sensor  | \$30                |
| "Smart" Low-Flow<br>Showerhead   | Showerstart<br>Technology: Evolve<br>Stargazer and<br>Roadrunner models | \$20                |



3

## RESIDENTIAL CONSUMER PRODCUTS

- Program limitations:
  - » New equipment only; leased, used or rebuilt equipment is not eligible
  - » 2 of each qualifying measure
    - Per type
    - Per customer
    - Per calendar year
  - » Rebate amount shall not exceed purchase price
  - » Sales invoice/receipt must:
    - Be itemized to show each eligible equipment piece
    - Include itemized purchase price, date, brand and model number
  - » Installation costs are not included

4

## RESIDENTIAL CONSUMER PRODCUTS

**MEASURES MUST BE INSTALLED BY PROGRAM AUTHORIZED CONTRACTORS.**

| Weatherization Measure | Requirements  | Available Rebate |
|------------------------|---|------------------|
| Windows                | U-factor $\leq$ 0.30;<br>SHGC $\leq$ 0.30                             | \$0.95/SqFt      |
| Attic Insulation       | Install $\geq$ R-19<br>(Final condition must<br>be between R-38-R-60) | \$0.15/SqFt      |
| Floor Insulation       | Install $\geq$ R-19   | \$0.35/SqFt      |

5

## RESIDENTIAL CONSUMER PRODCUTS

- Program limitations:
  - » Measures must be installed by program authorized contractors
  - » Rebate amount shall not exceed 75% of total costs
  - » Sales invoice/receipt must:
    - Be itemized to show each eligible measure
    - Include itemized purchase price and date

6

## COMMERCIAL EQUIPMENT

| Equipment                         | Requirement                                   | Available Rebate |
|-----------------------------------|---|------------------|
| Natural Gas Storage Water Heater  | TE $\geq$ 90%;<br>Input $\geq$ 125,000 btu/hr | \$1,100          |
| Natural Gas Tankless Water Heater | ENERGY STAR <sup>®</sup> qualified            | \$200            |
| Griddle                           | ENERGY STAR <sup>®</sup> qualified            | \$600            |
| Fryer                             | ENERGY STAR <sup>®</sup> qualified            | \$1,350          |
| Combination Oven                  | Combustion efficiency $\geq$ 40%              | \$1,100          |

7

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8

## COMMERCIAL ENERGY AUDITS


| Energy-Efficient Improvement           | Requirement  | Available Rebate             |
|--|--|------------------------------|
| Energy audit                           | Approved by SWG  | 50% of cost up to \$5,000    |
| Custom Rebate                          | Approved by SWG  | \$1 therm (annual reduction) |
| Air Curtain                            | Usage $\geq$ 20 hours/week   | \$2,000                      |
| Non-Condensing Boiler                  | Efficiency $\geq$ 85% and installed with modulating burner control | \$1/MBTUH input rating       |
| Condensing Boiler                      | Efficiency $\geq$ 92%  | \$1.50/MBTUH input rating    |
| Steam Boiler                           | Efficiency $\geq$ 83%  | \$1 /MBTUH input rating      |
| Modulating Burner Control for Boiler   | Turndown ratio $\geq$ 5:1  | \$5,000                      |
| O <sub>2</sub> Trim Control for Boiler | O <sub>2</sub> trim control pad installed                          | \$5,000                      |
| Steam Trap for Boiler                  | Steam trap replaced or repaired                                    | \$250                        |
| Boiler Tune-Up                         | 9 point inspection   | \$250                        |

9


## COMMERCIAL ENERGY AUDITS

- Program limitations
  - » Energy audits must be performed by a Southwest Gas approved contractor
  - » Energy audits and improvements must be completed prior to the payment of any rebates
  - » Invoice(s) must show the following:
    - Address of the facility audited/location of improvement
    - Date(s) of the audit/improvement
    - Contractor who performed the audit/improvement
    - Total cost of the audit/improvement


10



## SMARTER GREENER BETTER SOLAR WATER HEATING



| Category            | Current Rebate Amount | Cap (lesser of) |
|---------------------|-----------------------|-----------------|
| Private Residential | \$14.50/therm         | 30% or \$3,000  |
| Small Business      | \$14.50/therm         | 30% or \$7,500  |
| Small Commercial    | \$19.00/therm         | 50% or \$30,000 |
| Public and Other    | \$19.00/therm         | 50% or \$30,000 |



SYSTEMS MUST BE  
INSTALLED BY  
PROGRAM QUALIFIED  
CONTRACTORS.


11



## SMARTER GREENER BETTER SOLAR WATER HEATING


- Program limitations:
  - » Pre-approval is required before purchase and installation
  - » Systems must be installed by program qualified contractors
  - » Systems must be OG-300 or OG-100 certified

12




## ENERGY STAR® HOME

*\*For home builders in Nevada*



| Rebate                            | Requirement                 | Available Rebate |
|-----------------------------------|-----------------------------|------------------|
| ENERGY STAR® Home Certification   | ENERGY STAR® certified (V3) | \$450            |
| Natural Gas Furnace               | AFUE ≥ 90%                  | \$200            |
|                                   | AFUE ≥ 95%                  | \$300            |
| Natural Gas Tankless Water Heater | ENERGY STAR® qualified      | \$200            |

13



## ENERGY STAR® HOME

*\*For home builders in Nevada*

- Process
  - » Application for *each* subdivision
    - Signed by Home Builder and HERS Provider
    - List of lot numbers and addresses submitted to SWG
  - » HERS Provider uploads inspection information
    - Certification Date
    - kWh savings
    - Therm savings
  - » Upon approval, SWG processes payments to the home builder over the build-out life of the project

14



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smarter > greener > better™

**For more information:**

*Visit our website at:*

[www.swgas.com/efficiency/nv](http://www.swgas.com/efficiency/nv)

*or call:*

**1-800-654-2765**