

Sure Bet Project Program Instructions & Guidelines 2009

Program Eligibility

The program is available to applicants that purchase qualified energy efficiency measures and have these measures installed in a facility or campus that receives electric distribution services from NV Energy. The facility must have at least one meter on one of the following rate schedules: Southern Territory: GS, OGS-TOU, LGS-1, OLGS-1, LGS-2, LGS-3, and LGS-X; Northern Territory: GS-1, GS-2, GS-2-TOU, OGS-1-TOU, OGS-2-TOU, GS-3, GS-4, IS-1, and IS-2; California Rates A-1, A-2, and A-3. Public K-12 schools can apply under the Sure Bet for Schools Program. Customers served under other rate classes can only apply with authorization from the program manager.

Process

1. Submit a Pre-notification Application Cover Page and Project Information Form
2. Obtained a funding reservation letter
3. Purchase and Install measures
4. Submit a Project Completed Application / Agreement
5. Provide Documentation as directed
6. Receive Incentive Payment within 4-6 weeks after approval

Pre-Notification Process

The Pre-notification Application consists of a pre-notification cover page, a project information form, and one or more completed energy efficiency technology forms. The cover page should denote which technology forms are included.

A Pre-notification Application is strongly encouraged in order to reserve available funding for the project. The application forms identifies specific measures and projects where a Pre-notification Application is required to allow for KEMA¹ to verify existing equipment and other baseline conditions. Failure to submit a pre-notification agreement when required may result in disqualification or a lower incentive.

Funding Reservation Letter

Applicants that submit a pre-notification application will receive a Funding Reservation Letter that the proposed measures are likely to qualify for an incentive and that funding for the incentive is currently available. The Funding Reservation Letter may contain various conditions such as a maximum incentive amount and a time limit to complete the project. The Funding Reservation Letter simply reserves funding for the applicant. The letter does NOT guarantee, in any manner, that the proposed measures will be eligible for an incentive or that a specific incentive amount is promised. The eligibility of each measure and the amount of incentive will be determined only after the Project Completion Application is submitted.

Project Completion Application

The Project Completion Application consists of a Project Completion cover page, a project information form, a signed project completion agreement, and one or more completed energy efficiency technology forms. The cover page should denote which technology forms are included. The Project Completion Application must also include a Third Party Incentive Authorization form when the applicant has directed the incentive check to be sent to a third party.

The Project Completion Application should be submitted within 60 days after the measures are installed and operational. Failure to submit within 60 days could result in disqualification for the incentive.

KEMA¹ may request documentation from the applicant to verify measure eligibility and costs. Applicant should be prepared to provide a copy of a final invoice that provides sufficient itemization to assess which measures were installed and the amount paid for the installed measures. Applicant should also provide copies and product specification sheets when necessary to prove that the installed equipment met the required specification for the incentive. Applicant should also expect to provide documentation on assumptions and calculation methods used to estimate savings for custom incentive projects. KEMA¹ reserves the right to request additional documentation as it deems necessary to verify eligibility, costs, and estimated savings.

¹KEMA is under contract to NV Energy to implement the Sure Bet Commercial Incentive and New Construction Programs.

Incentive Caps

The total incentive paid for any application cannot exceed the incremental cost of purchasing and installing the measures.

In addition, incentive payment rates vary when a customer or facility calculated incentive exceeds \$100,000 in a calendar year. The table below provides the incentive rates. Facilities or Customers do not avoid incentive adjustments by submitting multiple applications in a calendar year per program component per territory². The table below shows how the incentive adjustments will be applied.

² Tier 1-4 incentives are calculated separately for the commercial retrofit and new construction programs, and separately for the NV Energy southern, northern, and California service territories.

Tier	Incentive Earned Per Calendar Year	Incentive Payment Rate
Tier 1	Up to \$100,000	100% of Earned Amount
Tier 2	\$100,001 to \$500,000	50% of Earned Amount in Tier 2
Tier 3	\$500,001 to \$1,000,000	20% of Earned Amount in Tier 3
Tier 4	Greater than \$1,000,000	10% of Earned Amount in Tier 4

Sure Bet Program Pre-Notification Application Cover Page 2009

Required Information

Applicant Business Name	Pre-Notification Application Date
Applicant Contact Name	NV Energy Customer Name (if different from Applicant)
Applicant Mailing Address	Project Physical Address
Applicant Phone Number	Projected Project Completion Date

Required Attachments:

	Project Information Form
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Technology Form Attachments (must check at least one)

Retrofit Projects

	Lighting
	Commercial Kitchen & Refrigeration
	Cooling and Miscellaneous (Select either North or South)
	Custom Incentive
	Total Number of Custom Forms
	Total Number of Retrofit Forms

New Construction Projects

	Lighting
	Commercial Kitchen & Refrigeration
	Cooling and Miscellaneous (Select either North or South)
	Performance Based Incentives (includes LEED Bonus)
	Total Number of New Construction Forms

Optional Attachments:

	Third Party Incentive Authorization Form
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All official Program updates will be posted on the Sure Bet Program website: www.nvenergy.com/surebet
 Toll-free hotline: 1-800-342-6335
 Email: surebet@nvenergy.com

Sure Bet Program 2009



Project Information

Applicant Information

Name of Company				Business Type: (Check One) Office <input type="checkbox"/> School <input type="checkbox"/> Retail <input type="checkbox"/> Restaurant <input type="checkbox"/> Hotel/Motel <input type="checkbox"/> Medical <input type="checkbox"/> Grocery <input type="checkbox"/> Warehouse <input type="checkbox"/> Public Assembly <input type="checkbox"/> Process Industrial <input type="checkbox"/> Miscellaneous <input type="checkbox"/>
Name as it Appears on Your Utility Bill				
Name of Contact Person		Title		
Office Phone #		Fax #		
Email Address		Cell Phone #		
Address Where Measures Installed				
City, State, Zip <small>(Measures Installed)</small>				
Mailing Address <small>(of Contact Person)</small>				
City, State, Zip <small>(of Contact Person)</small>				
Customer Account and Premise Number				
Taxpayer ID Number <small>(SSN#/FEIN)</small>		Tax Status <small>(Individual, Partnership, Corp, Exempt)</small>		
Contracting Company				
Contractor Contact Person		Contractor Phone #		
Contractor Address				
Contractor Email				

**Checks should be made payable to the following:
(*The party listed below will be receiving the incentive check.)**

Enter "Same" if Same as Mailing Address				*For payments to parties other than the Applicant, a Third Party Incentive Authorization Form must be submitted.
Company Name				
Contact Name		Title		
Payee Address				
City, State, Zip <small>(Payee Address)</small>				
Office Phone #		Fax #		
Email Address				
Taxpayer ID Number <small>(SSN#/FEIN)</small>				

Date: _____
Project #: _____ (For Office Use Only)



Lighting Specifications

Occupancy Sensors and Daylighting Controls

Remote Mounted and Wall Mounted Occupancy Sensors

Only passive infrared and/or ultrasonic detectors are eligible. Sensors must be hardwired and control interior lighting fixtures and must comply with manufacturer's coverage recommendations. Wallbox lighting occupancy sensors, defined as self-contained (no exterior switchpack or relay) shall not control more than 500 Watts. Wall- or Ceiling- mounted remote sensors shall not control more than 1000 Watts. It is recommended to use programable start ballasts with occupancy sensors. Customers may use this incentive for sensors on high bay light fixtures.

Daylight Dimming System

Eligible controls shall consist of a photosensor that controls dimming ballasts. Dimming can be continuous or stepped at four or more levels (including on/off). Systems that allow on/off overrides are not eligible. Each sensor must control a minimum of 4 ballasts.

Lighting Performance Based Approach

For Performance Based Lighting, the energy savings will be based on the calculated Lighting Power Density (LPD) on a watts per square foot basis. **Incentives will be paid only on the square footage of the building where the lighting installation is completed and is ready for occupancy. If a portion of a building is not completed such that final lighting installation is not complete and the space ready for occupancy then that portion is not eligible for an incentive.** IECC 2006 Lighting Standard specifies the allowable light density for each major building area type. Please see the [Sure Bet Policies and Procedures](#) for more detailed information and example calculation.

The incentive for the lighting performance based approach is \$350 per kW reduction in connected lighting load below the IECC 2006 standard. The total lighting wattage must be used in the LPD table and must be 10% lower than the IECC 2006 standard to qualify for an incentive. **The minimum allowed lighting density used to calculate the incentive shall be at 50% of the IECC required value.** Where an applicant has installed a lighting density less than 50% of the IECC standard value projects will be evaluated on a case by case basis to determine the incentive and will use either the performance based approach (section P.9.8) or the lighting density approach; whichever approach is used it will be for the entire incentive related to installed fixtures.

The following documentation is **required** to support the application:

- Supporting calculations demonstrating building/space area and installed lighting wattage such as ComCheck report or engineering calculations
- Lighting layout plans
- Lighting fixtures schedule including fixture counts and manufacturers specification sheet including model number and rated wattage

Lighting Performance Based Approach Cont.

Interior Lighting Power Densities	IECC Standard	Sure Bet Design Max
Building Area Type	Watts/Sq Ft	Watts/Sq Ft
Automotive Facility	0.9	0.81
Convention Center	1.2	1.08
Courthouse	1.2	1.08
Dining: Bar Lounge/Leisure	1.3	1.17
Dining: Cafeteria/Fast Food	1.4	1.26
Dining: Family	1.6	1.44
Dormitory	1	0.9
Exercise Center	1	0.9
Gymnasium	1.1	0.99
Healthcare-Clinic	1	0.9
Hospital	1.2	1.08
Hotel	1	0.9
Library	1.3	1.17
Manufacturing Facility	1.3	1.17
Motel	1	0.9
Motion Picture Theater	1.2	1.08
Multi-family	0.7	0.63
Museum	1.1	0.99
Office	1	0.9
Parking Garage	0.3	0.27
Penitentiary	1	0.9
Performing Arts Theaters	1.6	1.44
Police/Fire Station	1	0.9
Post Office	1.1	0.99
Religious Building	1.3	1.17
Restaurant	1.6	1.44
Retail	1.5	1.35
School/University	1.2	1.08
Sports Arena	1.1	0.99
Town Hall	1.1	0.99
Transportation	1	0.9
Warehouse	0.8	0.72
Workshop	1.4	1.26

Northern New Construction Cooling and Miscellaneous Technology Form 2009

Equipment Type (1)	Size Category	Qualifying Efficiency	Equipment Incentive (per ton (3))	Efficiency Incentive (per unit Eff. over Qual. Eff per ton)
Water Cooled Units (Split System and Single Package Units)	All Sizes	14.0 EER (1)	\$15.00	\$6.00
Packaged Terminal Units (PTAC/PTHP)	All Sizes	20% Above Federal Minimum (2)	\$35.00	\$15.00
Room Air Conditioners	All Sizes	10 EER	\$25.00	\$15.00
Flat Plate Heat Exchanger on Chiller Plant	NA	NA	\$15.00 per HX Tons	NA
High Performance Window Glazing	NA	NA	\$0.30 per Sq Ft of Glazing	NA
Hotel HVAC Occupancy Sensor	NA	NA	\$55.00 per Guestroom	NA
Building Commissioning Services	NA	NA	\$0.02 per Conditioned Sq Ft	NA
Variable Speed Drives	NA	NA	\$45.00 per HP	NA

(1) EER = Energy Efficiency Ratio
 (2) See Sure Bet Policies & Procedures for efficiency requirements
 (3) 1 Ton = 12,000 Btuh (or Btu/hr)

Water Cooled Units					
Make and Model #	Quantity	Size of Unit (tons)	Unit Efficiency (EER)	Qualifying Efficiency (EER)	Subtotal
				14	\$0.00
				14	\$0.00

Packaged Terminal Units (PTAC/PTHP)					
Make and Model #	Quantity	Size of Unit (tons)	Unit Efficiency (EER)	Qualifying Efficiency (EER)(2)	Subtotal
					\$0.00
					\$0.00

Room Air Conditioners					
Make and Model #	Quantity	Size of Unit (tons)	Unit Efficiency (EER)	Qualifying Efficiency (EER)	Subtotal
				10	\$0.00
				10	\$0.00

Flat Plate Heat Exchanger				
Description	Heat Exchanger Tons	Incentive/Ton	Subtotal	
		\$15.00	\$0.00	

High Performance Window Glazing					
Description	Glazing Efficiency (SHGC; U)	Qualifying Efficiency	Sq Ft of Glazing	Incentive/Sq Ft	Subtotal
		SHGC <=0.37; U<=0.57		\$0.30	\$0.00
		SHGC <=0.37; U<=0.57		\$0.30	\$0.00

Hotel HVAC Occupancy Sensors			
Description	Qty	Incentive/Sensor	Subtotal
		\$55.00	\$0.00
		\$55.00	\$0.00

Building Commissioning (Please see Cooling and Misc Specification for details)			
Description	Sq Ft of Conditioned Space	Incentive/Sq Ft	Subtotal
		\$0.02	\$0.00

Variable Speed Drives					
Description (Make/Model)	Application Code*	Qty	Motor Size (HP)	Incentive/HP	Subtotal
				\$45.00	\$0.00
				\$45.00	\$0.00



Total \$0.00

Date: _____
 Project #: _____ (For Office Use Only)

Southern New Construction Cooling and Miscellaneous Technology Form 2009

Equipment Type (1)	Size Category	Qualifying Efficiency	Equipment Incentive (per ton (3))	Efficiency Incentive (per unit Eff. over Qual. Eff per ton)
Water Cooled Units (Split System and Single Package Units)	All Sizes	14.0 EER (1)	\$25.00	\$10.00
Packaged Terminal Units (PTAC/PTHP)	All Sizes	20% Above Federal Minimum (2)	\$50.00	\$20.00
Room Air Conditioners	All Sizes	10 EER	\$35.00	\$20.00
Flat Plate Heat Exchanger on Chiller Plant	NA	NA	\$15.00 per HX Tons	NA
High Performance Window Glazing	NA	NA	\$0.35 per Sq Ft of Glazing	NA
Hotel HVAC Occupancy Sensor	NA	NA	\$75.00 per Guestroom	NA
Building Commissioning Services	NA	NA	\$0.03 per Conditioned Sq Ft	NA
Variable Speed Drives	NA	NA	\$60.00 per HP	NA

(1) EER = Energy Efficiency Ratio
 (2) See Sure Bet Policies & Procedures for efficiency requirements
 (3) 1 Ton = 12,000 Btu/h (or Btu/hr)

Water Cooled Units					
Make and Model #	Quantity	Size of Unit (tons)	Unit Efficiency (EER)	Qualifying Efficiency (EER)	Subtotal
				14	\$0.00
				14	\$0.00

Packaged Terminal Units (PTAC/PTHP)					
Make and Model #	Quantity	Size of Unit (tons)	Unit Efficiency (EER)	Qualifying Efficiency (EER)(2)	Subtotal
					\$0.00
					\$0.00

Room Air Conditioners					
Make and Model #	Quantity	Size of Unit (tons)	Unit Efficiency (EER)	Qualifying Efficiency (EER)	Subtotal
				10	\$0.00
				10	\$0.00

Flat Plate Heat Exchanger				
Description	Heat Exchanger Tons	Incentive/Ton	Subtotal	
		\$15.00	\$0.00	

High Performance Window Glazing					
Description	Glazing Efficiency (SHGC; U)	Qualifying Efficiency	Sq Ft of Glazing	Incentive/Sq Ft	Subtotal
		SHGC <=0.37; U<=0.57		\$0.35	\$0.00
		SHGC <=0.37; U<=0.57		\$0.35	\$0.00

Hotel HVAC Occupancy Sensors			
Description	Qty	Incentive/Sensor	Subtotal
		\$75.00	\$0.00
		\$75.00	\$0.00

Building Commissioning (Please see Cooling and Misc Specification for details)			
Description	Sq Ft of Conditioned Space	Incentive/Sq Ft	Subtotal
		\$0.03	\$0.00

Variable Speed Drives					
Description (Make/Model)	Application Code*	Qty	Motor Size (HP)	Incentive/HP	Subtotal
				\$60.00	\$0.00
				\$60.00	\$0.00



Total \$0.00

Date: _____
 Project #: _____ (For Office Use Only)



New Construction Cooling & Misc Specifications

Water-Cooled Air Conditioning

New water cooled air conditioning units or heat pumps that meet or exceed the qualifying efficiency (EER) shown in the Cooling Incentive Tech Sheet Table are eligible for an incentive. These units can be either split system or single packaged units. Evaporative coolers do not qualify under the New Construction Prescriptive Air Conditioning Incentive, but may qualify under the New Construction Performance Based Program. All packaged and split system cooling equipment must meet Air-Conditioning and Refrigeration Institute (ARI) standards (210/240, 320 or 340/360), be UL listed, and use a minimum ozone-depleting refrigerant (e.g., HCFC or HFC). A manufacturer's specification sheet indicating the system efficiency **must** accompany the application.

The total incentive is determined by two components – an equipment incentive and an efficiency incentive. Both the equipment and efficiency incentives are applied per ton of cooling installed. The equipment qualifies for an equipment incentive if the qualifying efficiency is met for the equipment size category. In addition, the efficiency incentive is added on a prorated basis if the equipment exceeds the minimum qualifying efficiency for the equipment size category.

The incentive for air conditioners is calculated as follows:

$$\text{Tons X [Equipment Incentive/ton + Efficiency Incentive/ton X (EER new – EER qualifying)]}$$

Packaged Terminal Units (PTAC/PTHP)

Packaged terminal air conditioners and heat pumps are through-the-wall self-contained units that are two tons (24,000 Btuh) or less. These units cool small areas and are commonly used for individual rooms. Only units at least 20% above the federal minimum standard qualify for the incentive. All EER values must be rated at 95 °F outdoor dry-bulb temperature. Minimum requirements are shown in the following table.

Capacity	Federal Minimum Efficiency (EER)	Sure Bet Minimum Efficiency (EER)
7,000 Btuh* and below	8.88	10.66
7,000 – 15,000 Btuh	10 – (0.16 X Btuh/1000)	1.2 x [10 – (0.16 x Btuh/1000)]
15,000 Btuh and above	7.6	9.12

Room Air Conditioners

Room air conditioning units are through-the-wall (or built-in) self contained units that are two tons or less. The units cool small areas and are commonly used for individual rooms. The minimum efficiency for an incentive is an EER of 10, with an additional incentive for each EER point higher than 10. These units are with and without louvered sides, without reverse cycle (i.e., heating), and casement.

Flat Plate Heat Exchanger

In a water-cooled chilled water cooling system, a heat exchanger may be installed to transfer heat directly between the chilled water loop and the condenser water (cooling tower) loop. A flat plate heat exchanger is most frequently used. This practice is also sometimes referred to as "tower free cooling". In the dry Nevada climate this will reduce the need to operate the chiller for many hours, especially during the cooler months.

Incentives will be paid for a heat exchanger or similar equipment that transfers heat between the cooling tower and chilled water loop that displaces mechanical cooling (chiller operation). The incentive will be based on the heat transfer capacity of the chilled water side of the heat exchanger converted to tons. The capacity of the heat exchanger in tons will be calculated as:

$$\text{Capacity (tons)} = [\text{Design Inlet Temperature (Deg F)} - \text{Design Outlet Temperature (Deg F)}] \times \text{Design Flow Rate through Heat Exchanger (gallons per minute)} \times 500 / 12,000.$$

High Performance Window Glazing

Window glazing must have a minimum of 5-year manufacturer's warranty (to be provided with invoice). Incentives are not available for glazing with a northern exposure. Northern exposure is defined as any direction +/- 45 ° F of true North. The glazing system must meet the following requirements:

The Solar Heat Gain Coefficient (SHGC) of the high performance glazing must be ≤ 0.37 and the U-Factor must be ≤ 0.57.

Documentation, such as plans, specifications or invoices, that verify the square footage installed, the side of the building that the glazing is installed on, required warranty and meeting of the performance requirements shall be provided.

CONTINUED



New Construction Cooling & Misc Specs - Continued

Hotel HVAC Occupancy Sensors

Incentives are available for sensors that control PTAC or heat pump units for individual hotel rooms. Sensors controlled by a front desk system are not eligible. Sensors must be controlled by automatic occupancy detectors, and it is recommended that during unoccupied periods, the default setting for controlled units differ by at least 8 degree from the operating setpoint. Replacement or upgrade of existing controls are not eligible.

Building Commissioning

Only new buildings and major renovation projects are eligible for commissioning services. Eligible buildings must have at least 25,000 square feet of conditioned floor space. The commissioning must meet the requirements for the Enhanced Commissioning Credit of LEED Version 2.2. Please refer to the Sure Bet Policy & Procedures for additional information on commissioning requirements.

Commissioning services are a quality assurance process designed to ensure that complex HVAC, lighting control, and energy management systems in new buildings have been installed properly and operate as designed. Incentives are available for commissioning services performed on electrical and mechanical equipment that have the potential to result in energy savings.

Variable Speed Drives

Variable Speed Drives (VSD) offer a method of significantly reducing the energy consumed by fans, centrifugal pumps, and other motor driven machinery operating under varying loads. VSD must be installed for the primary purpose of reducing energy usage. A 3% impedance series reactor is recommended to handle any power factor corrections that may occur.

Prescriptive incentives are available for applications ≤ 200 HP on qualifying HVAC fans (supply, return, exhaust, make up), single speed cooling tower fans, chilled/condenser water circulation pumps (HVAC), hot water circulation pumps (HVAC), boiler feed water pumps as well as for installations on process related machinery. Integrated VSD applications on new chillers or package units are not eligible for this incentive.

For instances where VSDs are installed on redundant/backup systems (such as secondary chilled water pumps) only one unit is eligible for an incentive.

Application Code for eligible VSD applications:

BEF = Building Exhaust Fan
CTF = Cooling Tower Fan
CWP = Chilled/Condenser Water Pump
FWP = Boiler Feed Water Pump
HWP = Hot Water Circulator Pump
MAF = Make-up Air Fan
RFA = Return fan on return air handler
SFA = Supply fan on supply air handler
PRO = Process related machinery

NOTE: VSD applications required by IECC 2006 are not eligible for incentives. VSD's on all VAV fan installations ≥ 10 HP are not eligible as they are required by IECC 2006. Hydronic systems greater than or equal to 300,000 btu/h in design output capacity supplying heated or chilled water to comfort conditioning systems must have flow control capabilities (which can be satisfied with a VSD).

Commerical Kitchen/Refrigeration Incentive Worksheet 2009

Commercial Kitchen Measures				
Measure	Unit	Quantity	Incentive/Unit	Incentive
HE Fryers	Vat		\$200	
Large Vat Fryers	Vat		\$200	
HE Griddles	Griddle		\$300	
Convection Ovens	Oven		\$350	
Combination Ovens	Oven		\$1,000	
Steam Cookers	Steamer		\$750	
HE Holding Cabinets, Full Size	Cabinet		\$300	
HE Holding Cabinets, 3/4 Size	Cabinet		\$250	
HE Holding Cabinets, Half Size	Cabinet		\$200	
Ventilation Control - Exhaust Hood	HP		\$300	
Auto Door Closers-Freezers	Door		\$50	
Auto Door Closers-Coolers	Door		\$40	
Strip Curtains on Walk-Ins	Square Foot		\$3	
Night Covers	Linear Foot		\$8	
Anti-Sweat Heater Controls	Door		\$40	
EC Motors: Walk-In Boxes	Motor		\$40	
EC Motors: Refrigerated Cases	Motor		\$30	

Commercial Kitchen Measures-High Efficiency Ice Machines				
Size (Lbs/Day)	Unit	Quantity	Incentive/Unit	Incentive
CEE Tier 2				
< 300	Machine		\$50	
300-500	Machine		\$75	
500-1000	Machine		\$125	
1,000-1,500	Machine		\$200	
>1,500	Machine		\$250	
CEE Tier 3				
< 300	Machine		\$100	
300-500	Machine		\$150	
500-1000	Machine		\$250	
1,000-1,500	Machine		\$400	
>1,500	Machine		\$500	

Commercial Kitchen Measures-Refrigerators/Freezers CEE Tier 2				
Type / Size (Cubic Feet)	Unit	Quantity	Incentive/Unit	Incentive
Solid Door				
Refrigerator, <19	Refrigerator		\$75	
Refrigerator, 19-30	Refrigerator		\$100	
Refrigerator, 31-60	Refrigerator		\$150	
Refrigerator, 61-90	Refrigerator		\$225	
Freezer, <19	Freezer		\$100	
Freezer, 19-30	Freezer		\$200	
Freezer, 31-60	Freezer		\$325	
Freezer, 61-90	Freezer		\$500	
Glass Door				
Refrigerator, <19	Refrigerator		\$75	
Refrigerator, 19-30	Refrigerator		\$100	
Refrigerator, 31-60	Refrigerator		\$125	
Refrigerator, 61-90	Refrigerator		\$150	



Commercial Kitchen Total \$0.00

Date: _____

Project #: _____ (For Office Use Only)



Commercial Kitchens/Refrigeration Specifications

Only Electric equipment qualifies for incentives. Further information and specifications for many of these measures are given in the Sure Bet Policies and Procedures Manual. Energy Star maintains a list of qualifying products and specifications at www.energystar.gov/cfs or www.CEE1.org. To determine if non-Energy Star models meet the ASTM standard, contact your manufacturer's representative.

Vat/Large Vat Fryers

The commercial fryer shall have a tested heavy load (French fry for large vats) cooking energy efficiency of > 80% utilizing American Society for Testing and Materials (ASTM) Standard F1361 for commercial fryers and ASTM Standard F2144 for large vat fryers. Multiple vat configurations are paid per qualifying vat.

Griddles

The griddle shall meet or exceed heavy load cooking energy efficiency of > 70% utilizing ASTM Standard F1275.

Convection Ovens

The oven shall meet or exceed heavy load potato cooking energy efficiency of > 70% utilizing ASTM Standard F1496.

Combination Ovens

The oven shall meet or exceed heavy load cooking energy efficiency of > 60% utilizing ASTM Standard F1639.

Steam Cookers

The oven shall meet or exceed heavy load cooking energy efficiency of > 60% utilizing ASTM Standard F1639. The commercial steam cooker must meet ENERGY STAR specifications for energy efficiency or must have a tested heavy load potato cooking energy efficiency of > 50% utilizing ASTM Standard F1484.

Holding Cabinets

This measure does not include cook and hold equipment. All measures shall be electric hot food holding cabinets that are fully insulated and have solid doors in full, three-quarter and half sizes. Qualifying cabinets shall not exceed the maximum idle energy rate of 20 Watts per cubic foot in accordance with the ASTM Standard F2140 test method. Cook and hold equipment and units <1/2 size may be eligible and should be applied for as a Performance Based incentive.

Ventilation Control Retrofit

This measure does not include cook and hold equipment. All measures shall be electric hot food holding cabinets that are fully insulated and have solid doors in full, three-quarter and half sizes. Qualifying cabinets shall not exceed the maximum idle energy rate of 20 Watts per cubic foot in accordance with the ASTM Standard F2140 test method. Cook and hold equipment may be eligible and should be applied for as a Performance Based Incentive.

Ventilation Control New Hood

This incentive applies towards the purchase and installation of a new commercial kitchen exhaust hood control system installed in a new dedicated commercial kitchen exhaust hood and make-up air system. The control system must be used in conjunction with variable speed fan motor controls. Only pre-approved control systems will qualify for an incentive. Please see the Sure Bet Program Policies and Procedures for details on approved control systems.



Specifications for Commercial Kitchens/Refrig Continued

Strip Curtains on Walk-ins

This specification covers new strip curtains or clear plastic swinging doors on doorways of walk-in boxes and refrigerated warehouses. This incentive is not available for display cases. Incentive is based on square footage of doorway

Night Covers

Incentive available for installation of a cover on an otherwise open vertical or horizontal refrigerated case to decrease cooling load. It is recommended that these films have small, perforated holes to decrease moisture buildup. Customer should also consider using proper compressor capacity modulation mechanisms (such as VSD or an unloader). Incentive is based on linear frontage length of case.

Anti-sweat Heater

To qualify for this measure, a device that senses the relative humidity in the air outside of the display case and reduces or turns off the glass door (if applicable) and frame anti-sweat heaters at low humidity conditions shall be installed. Technologies that can turn off anti-sweat heater based on sensing condensation (on inner glass pane) also qualify.

EC Motors on Walk-Ins or Refrigerated Cases

This measure refers to the installation of a new Electronically Commutated Motor (ECM) for the evaporator fan motor on walk-in boxes or refrigerated cases as opposed to a standard-efficiency shaded-pole evaporator fan motor. An ECM is a brushless DC motor with an electronically controlled commutator that allows the motor to operate much more efficiently than the shaded-pole motors with an electro-mechanical commutator typically used in refrigeration applications. Permanent split-core (PSC) motors are not eligible for this incentive.

Ice Machines

This specification covers machines generating 60 grams (2 oz.) or lighter ice cubes, as well as flaked, crushed and fragmented ice makers. Performance data is based on ARI Standard 810. Air-cooled (self contained, ice making heads, or remote condensing) or Water-cooled machines with an independent and isolated compressor and ice formation feeds on a closed-chilled water loop are eligible. The efficiency specifications for the two qualifying tiers are equivalent to ENERGY STAR® (CEE Tier II) or CEE Tier III. To qualify the entire ARI tested Ice making system must be purchased to qualify. Remote machines shall be purchased with qualifying remote condenser or remote condenser/compressor unit. Visit www.ari.org for product information and testing procedures. Specifications are available at www.energystar.gov or www.cee1.org. The test method must be in accordance with the Air-Conditioning and Refrigeration Institute (ARI) Standard 810.

Refrigerators/Freezers

The refrigeration system shall be a new built-in (packaged) unit. Cases with remote refrigeration systems do not qualify for a prescriptive incentive. Customers shall provide proof that the appliance meets the CEE Tier II energy-efficiency specifications using ASHRAE Standard 117-1992 (38°F +/- 2°F). Please see the Sure Bet Policy and Procedures for energy use specifications

Performance Based Technology Form 2009

Please attach supporting documents as described in the specifications

Performance Based Approach					
Project Description (Please see Specifications Sheet for details)	Annual Energy Savings		Each On-Peak kWh Saved	Each Non On-Peak kWh Saved	Subtotal
	On-Peak kWh	Non On-Peak kWh			
			\$0.10	\$0.06	\$0.00

Performance Based Approach					
Project Description (Please see Specifications Sheet for details)	Annual Energy Savings		Each On-Peak kWh Saved	Each Non On-Peak kWh Saved	Subtotal
	On-Peak kWh	Non On-Peak kWh			
			\$0.10	\$0.06	\$0.00

Performance Based Approach					
Project Description (Please see Specifications Sheet for details)	Annual Energy Savings		Each On-Peak kWh Saved	Each Non On-Peak kWh Saved	Subtotal
	On-Peak kWh	Non On-Peak kWh			
			\$0.10	\$0.06	\$0.00

LEED NC V2.2					
Project Description (Provide LEED Online Project Access ID and Energy Savings Analysis/Models)	Annual Energy Savings		Each On-Peak kWh Saved	Each Non On-Peak kWh Saved	Subtotal
	On-Peak kWh	Non On-Peak kWh			
			\$0.10	\$0.06	\$0.00

Note: Please see Performance Based specification sheet for details

LEED NC V2.2 Project Certification Bonus (for projects achieving LEED certification)	\$200 per Project	
LEED Subtotal =		\$0.00

Performance Based Total = \$0.00

Date: _____

Project #: _____ (For Office Use Only)



Performance-Based Approach

The Performance Based Approach enables the design team to consider a custom approach for either individual items, such as a high efficiency chiller, or a combination of measures on a whole building level. Documentation of savings in the form of a building performance model or appropriate engineering algorithms must be provided by the applicant and must show that the annual energy consumption is at least 10% lower than the IECC 2006 minimum. The incentive rate is based on kWh savings and varies for on-peak and non on-peak periods. (More detailed information is contained in the Sure Bet Policies and Procedures document.)

Please refer to the Sure Bet Policies & Procedures Appendix for guidelines on supporting documentation required for different project types. Examples of documentation to be included with the application are:

- A narrative or list of specific energy efficient features of the building and listing the energy efficient system performance and comparing it to IECC 2006 minimum system performance.
- A description of the building schedule and major operating assumptions.
- The input and output files used for the model annotated to show the base case and where the energy efficient features are included. Industry accepted modeling tools such as e-quest, DOE-2, Trane Trace, etc. can be used for building simulation purposes.
- A summary worksheet summarizing the results of the modeling showing annual energy savings and summer peak demand savings between the high-efficiency case and the IECC 2006 minimum.

By providing as much of the information given in the guidelines as possible, the timeframe for project approval will likely be reduced.

Northern NV Energy

Time of Use Periods

Summer On-Peak July thru September	1PM - 6PM Weekdays Only
Winter On-Peak October thru June	5PM - 9PM 7 Days per Week
Summer Non On-Peak July thru September	6PM - 1PM Weekdays <u>AND</u> All Weekend Hours
Winter Non On-Peak October thru June	9PM - 5PM 7 Days per Week

Southern NV Energy

Time of Use Periods

On-Peak June thru September	1PM - 7PM 7 Days per Week
Non On-Peak Oct thru May	All Other 7 Days per Week Hours

LEED® V 2.2 Approach

There is a \$200 bonus available for projects that achieve LEED NC certification. To qualify for the bonus, the LEED registration number must be provided.

Projects that produce electric energy savings to achieve LEED Optimized Energy Performance (OEP) points can earn incentives using the Performance Based Approach described above, or if certain measures meet prescriptive requirements that approach can be used, although both approaches cannot be used for the same measure.

For enhanced commissioning, an incentive is available through the Prescriptive Commissioning measure and is discussed in Section P.9.5 and P.10.9 of the Sure Bet Policy & Procedures Manual.

Sure Bet Project Completion Application Cover Page 2009

Applicant Business Name	Application Date
NV Energy Customer Name (if different from Applicant)	Facility Address (where measures were installed)

Required Attachments:

	Project Information Form
	Signed Project Completion Agreement

Optional Attachment Included:

	Third Party Incentive Authorization Form
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Technology Form Attachments (must check at least one)

Retrofit Projects

	Lighting	
	Commercial Kitchen & Refrigeration	
	Cooling and Miscellaneous (Select either North or South)	
	Custom Incentive	
		Total Number of Custom Forms
		Total Number of Retrofit Forms

New Construction Projects

	Lighting	
	Commercial Kitchen & Refrigeration	
	Cooling and Miscellaneous (Select either North or South)	
	Performance Based Incentives (includes LEED Bonus)	
		Total Number of New Construction Forms

All office Program updates will be posted on the Sure Bet Program website: www.nvenergy.com/surebet
 Toll-free hotline: 1-800-342-6335
 Email: surebet@nvenergy.com

Sure Bet Project Completion Agreement 2009

This agreement is between KEMA Services, Inc. (“KEMA”)¹ and a qualified program Applicant (“Applicants”).² KEMA is under contract to implement the Sure Bet program for NV Energy, Inc.

Applicant certifies that they have purchased one or more qualified energy efficiency measures and that these measures have been installed in an eligible facility that purchases electricity directly from NV Energy. Applicant also certifies that the energy

Applicant acknowledges that a cash incentive will be paid to Applicant only after KEMA has determined that all program terms and conditions have been met. The complete set of terms and conditions are provided in the 2009 Sure Bet Program Policy and Proce

- The Applicant may be required to refund some or all of the incentives they receive if the measures do not remain installed for a period of five (5) years or the expected life of the measure, whichever is less, or the facility where the measures ceases
- Available funding for incentives is limited. Applicants are strongly encouraged to notify KEMA via the pre-notification process before the measures are purchased and installed to determine if funding is available.
- The amount of incentive paid cannot exceed the incremental cost of the measure. Internal labor costs can be considered when determining the incremental measure cost. The paid incentive amount will vary from the calculated incentive when a facility or
- KEMA reserves the right to require that the Applicant provide documentation that establishes the eligibility and cost of the installed measures. The required documentation may include, but is not limited, to copies of invoices and product specification
- For certain measures, the incentive amount will be determined based on the estimated amount of energy savings. The Applicant may be required to provide documentation on energy savings calculations and assumptions. KEMA will have sole and exclusive rig
- In exchange for the incentive payment, Applicant transfers all rights for energy efficiency credits that result from the energy efficiency measures for which the incentive is paid to the benefit of NV Energy for compliance with the State of Nevada’s ren
- The Applicant acknowledges that the incentive may be taxable and that the Applicant is solely responsible for the payment of any resulting taxes. KEMA will report incentives to the IRS as required by IRS regulations.
- Applicant agrees, for a period of five (5) years to allow NV Energy, or its assigned contractor, to conduct on-site inspections to verify that the qualified measures are installed and to conduct other measurement and verification activities to assess th
- Applications received more than sixty (60) days after the installation of the qualified measures are subject to disqualification for the incentive.
- KEMA provides no guarantee of energy savings and does not warranty any products or services provided by other parties in anyway.

Applicant Signature	Application Date
Applicant Printed Name	Measure Installation/Project Completion Date
Applicant Business Name	Total Incremental Measure Costs

(1) KEMA is under contract to NV Energy to implement the Sure Bet Commercial Incentive and New Construction Programs.

(2) In the case where the Applicant is not a customer of NV Energy, the Applicant must be the owner of the equipment and the application must be approved by the program manager.

**SURE BET PROGRAM
THIRD PARTY INCENTIVE AUTHORIZATION FORM**

To authorize us to send your payment directly to the third party referenced on your Sure Bet application please sign this agreement and submit it to our office for processing.

I HEREBY AUTHORIZE MY INCENTIVE PAYMENT FOR THE PROJECT DESCRIBED BELOW TO BE ISSUED DIRECTLY TO THE THIRD PARTY ("PAYEE") NAMED BELOW. I UNDERSTAND THAT I WILL NOT BE RECEIVING AN INCENTIVE PAYMENT FROM NV ENERGY OR THE SURE BET PROGRAM. I ALSO UNDERST

Application Number (SB#)

Applicant Company Name

Contractor Company Name (Payee)

Customer Signature

Contractor Signature

Print Name

Print Name

Title

Title

Date

Date