

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 with 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)

Prescriptive Lighting Technology Form 2009

Equipment Type	Incentive/ Unit		Number Installed	Subtotal
Replace T12 magnetic ballast with T5/T8 electronic ballast fixtures (per lamp)				
2-foot lamp	\$4.00	X		\$0.00
3-foot lamp	\$5.00	X		\$0.00
4-foot lamp	\$5.00	X		\$0.00
8-foot lamp	\$4.00	X		\$0.00
Replace HID fixture with T8/T5 High Bay (HB) fixture (per Watt reduced, max \$100/fixture)				
HID to New T5 or T8 HB Fixture	\$0.35	X		\$0.00
Delamping (per T-12 lamp) Mandatory Initial Application, Pre and Post Inspection*				
2-foot lamp	\$4.00	X		\$0.00
3-foot lamp	\$4.00	X		\$0.00
4-foot lamp	\$6.00	X		\$0.00
8-foot lamp	\$9.00	X		\$0.00
High Performance (HP) 4-foot T8				
T12 to HP 4Ft T8**	\$7.00	X		\$0.00
T8 to HP 4Ft T8	\$1.00	X		\$0.00
Screw-in Compact Fluorescent Lamps (per lamp)***				
Up to 14 watts	\$2.00	X		\$0.00
15-26 watts	\$2.00	X		\$0.00
27-38 watts	\$3.00	X		\$0.00
Screw-in Compact Fluorescent Lamps (per lamp) - FOR GUESTROOM LIGHTING				
Up to 14 watts	\$2.00	X		\$0.00
15-26 watts	\$2.00	X		\$0.00
27-38 watts	\$3.00	X		\$0.00
Hardwired Compact Fluorescent Fixtures (per fixture)				
Up to 14 watts	\$9.00	X		\$0.00
15-27 watts	\$11.00	X		\$0.00
28-65 watts	\$12.50	X		\$0.00
66-90 watts	\$18.00	X		\$0.00
> 90 watts	\$22.50	X		\$0.00
Cold Cathode CFL (lamps)				
<= 8 watts	\$3.00	X		\$0.00
Exit Signs (per unit)				
LED or Electroluminescent	\$22.00	X		\$0.00
Traffic Signals (per lamp)				
LED Red Signal	\$35.00	X		\$0.00
LED Green Signal	\$25.00	X		\$0.00
LED Yellow Signal	\$2.00	X		\$0.00
LED Pedestrian Signal	\$15.00	X		\$0.00
Occupancy Sensors (per sensor)				
Wall Box	\$12.00	X		\$0.00
Wall or Ceiling Mount	\$30.00	X		\$0.00
High Bay T5/T8 Sensor	\$20.00	X		\$0.00



Lighting Total	\$0.00
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*No incentive will be paid on the Delamping measures without Initial Application, Pre- and Post Inspections.

**T12 lamps with magnetic ballasts are required to be replaced with HP T8 lamps with electronic ballasts.

***Hotel/Motel guestrooms shall be listed separately from other non-guestroom applications.

Date: _____

Project #: _____ (For Office Use Only)



Lighting Specifications

Fluorescent Fixture Upgrades

This measure involves a T12 with magnetic ballast retrofit to T8/T5 with electronic ballast. The T12 to T8/T5 retrofit must result in lamps that have a CRI greater than or equal to 70 and electronic ballasts. The electronic ballast shall be high frequency (>20 kHz), UL listed, and warranted against defects for 5 years. Ballasts must have a power factor greater than or equal to 0.90. Ballasts for 4-foot lamps shall have total harmonic discharge (THD) $\leq 20\%$ at full light output. For 2-, 3-, and 8-foot lamps, ballasts shall have THD $\leq 32\%$ at full light output. T12 or T5 high output lamps do not qualify for this measure and can use the Custom Application.

HID to T5/T8

This incentive applies to new 4, 6, or 8-lamp fixtures, using T5HO or T8 lamps. The retrofit must replace existing incandescent or high intensity discharge (HID) of any wattage in interior high bay installations (over 15'). All new fixtures must have a reflector with a minimum of 90% reflectivity. The incentive is based on the total wattage reduced, the wattage of the existing fixtures multiplied by the number of existing fixtures minus the wattage of the new fixtures times the number of new fixtures. The maximum allowed incentive is \$100/new fixture. Please contact the Sure Bet team to determine if a pre and post inspection is required to verify existing fixture wattages.

De-lamping

De-lamping is only eligible for T12 to T8/T5 retrofits and must involve the permanent removal of existing lamps. This includes the permanent removal of unused lamps, tombstones, and ballasts. In some cases, the customer and/or contractor may find that the use of reflectors in combination with de-lamping is needed to maintain adequate lighting levels. **All de-lamping projects require an Initial Application and pre and post inspections in order to qualify for an incentive. All other delamping should be requested on a custom application.**

High Performance 4-foot T-8

Incentives are available for replacing 4-foot T12 lamps with high performance T8 lamps or standard T8 lamps with high performance T8 lamps when an electronic ballast is already present. The lamps must be reduced wattage in accordance with the Consortium for Energy Efficiency (CEE) specification (www.cee1.org). The nominal wattage must be 28W (=2585 Lumens) or 25W (=2400 Lumens) to qualify. The mean system efficacy must be = 90 MLPW, CRI = 80, and lumen maintenance at 94%. A manufacturer's specification sheet must accompany the application.

Screw-In Compact Fluorescent Lamps (CFLs)

Applies to guestroom and all other screw-in compact fluorescents. The lamp/ballast combination shall have an efficacy greater than or equal to 40 lumens per Watt (LPW). All ENERGY STAR® labeled CFLs qualify. Electronic ballasts are required for lamps greater than or equal to 18 W. Installations where the CFL wattage is greater than 38 Watts shall use the Custom Application to apply for an incentive. **Guestroom lighting must be listed separately from non-guestroom lighting.**

Hardwired Compact Fluorescent Fixtures (CFLs)

Measure applies to hardwired CFL fixtures that replace an incandescent or mercury vapor fixture. Only complete, new fixtures and modular hardwired retrofits, where the lamp only is removable from the ballast with socket removal, qualify. ENERGY STAR® rated products qualify. Incentive is based on the total nominal lamp wattage per new fixture. The lamp/ballast combination must have an efficacy greater than or equal to 40 LPW. Electronic ballasts are required for lamps greater than or equal to 18 Watts.

Cold Cathode CFL

Measure applies to all Cold Cathode CFLs that replace incandescent lamps of at least 10 W and not greater than 40W. Cold cathode lamps may be medium (Edison) or candelabra base. Product shall be rated for at least 18,000 average life hours. Cold Cathode retrofits that do not meet the above requirements can use the Custom Application.

Exit Signs

Applies to high-efficiency exit signs that replace or retrofit an existing incandescent exit sign. Electroluminescent and light-emitting diode (LED) exit signs are eligible under this category. Non-electrified and remote exit signs are not eligible. All new exit signs or retrofit exits must be UL- or ETL-listed, have a minimum lifetime of 10 years, and have an input wattage ≤ 5 Watts.

Traffic Signals

Incentives are available for LED traffic signals that replace or retrofit an existing incandescent traffic signal. Signals shall have a maximum LED module wattage of 25. Incentives are not available for spare lights. Lights must be hardwired, with the exception of pedestrian hand signals.

Occupancy Sensors

Only passive infrared and/or ultrasonic detectors are eligible. Wallbox and wall- or ceiling-mounted sensors shall be hard-wired and control interior lighting fixtures. Wallbox lighting occupancy sensors, defined as self-contained (no exterior switchpack or relay) units designed to replace a standard wall switch, shall not control more than 500 watts. Wall- or ceiling-mounted remote sensors shall not control more than 1,000 watts. High bay sensors must control fixtures eligible under the "HID to T5/T8" category. It is recommended to use programmable start ballasts with occupancy sensors.

Note: PCB ballasts and fluorescent lamps must be disposed of properly. The Sure Bet staff may request proper disposal documentation.

Northern Prescriptive Cooling and Miscellaneous Technology Form 2009

Equipment Type	Size Category	Qualifying Efficiency*	Equipment Incentive (per ton)	Efficiency Incentive (per unit Eff. over Qual. Eff per ton)
Water Cooled Units (Split System and Single Package Units)	All Sizes	14.0 EER	\$15.00	\$6.00
Packaged Terminal Units (PTAC/PTHP)	All Sizes	20% Above Federal Minimum*	\$35.00	\$15.00
Room Air Conditioners	All Sizes	10 EER	\$25.00	\$15.00
Programmable (Setback) Thermostats	NA	NA	\$25.00 per Unit	NA
Window Film	NA	NA	\$0.50 per Square Foot	NA
VSD on HVAC fans and pumps	All Sizes	NA	\$45 per HP	NA
Hotel HVAC Occupancy Sensors	NA	NA	\$55.00 per Guestroom	NA
Escalator Motor Controllers (EMC)	All Sizes	NA	\$20 per HP	NA
VSD Pool Pump & Scheduling Control	NA	NA	\$150 per HP	NA
Multi-Speed Pool Pump & Scheduling Control	NA	NA	\$100 per HP	NA

*See Sure Bet Policies and Procedures for details.

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)*	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

Programmable (Setback) Thermostats			
Description	Quantity	Square footage of controlled area (if known)	Subtotal
			\$0.00
		_____ ft ²	\$0.00

Window Film			
Description	Quantity (ft ²)	North Facing Window Not Eligible	Subtotal
			\$0.00

VSD on HVAC Fans and Pumps			
Make and Model #	Quantity	Size of Unit (HP)	Subtotal
			\$0.00
			\$0.00

Hotel HVAC Occupancy Sensor			
Description	Quantity	Incentive/Unit	Subtotal
		\$55.00	\$0.00
		\$55.00	\$0.00

Escalator Motor Controllers (EMC)			
Make and Model #	Quantity	Size of Unit (HP)	Subtotal
			\$0.00
			\$0.00

VSD Pool Pump & Scheduling Control				
Make and Model #	Quantity	Size of Unit (HP)	Annual Operating Hours	Subtotal
				\$0.00
				\$0.00

Multi-Speed Pool Pump & Scheduling Control				
Make and Model #	Quantity	Size of Unit (HP)	Annual Operating Hours	Subtotal
				\$0.00
				\$0.00

Total \$0.00



Date: _____

Project #: _____ For Office Use Only)

Southern Prescriptive Cooling and Miscellaneous Technology Form 2009

Equipment Type	Size Category	Qualifying Efficiency*	Equipment Incentive (per ton)	Efficiency Incentive (per unit Eff. over Qual. Eff per ton)
Water Cooled Units (Split System and Single Package Units)	All Sizes	14.0 EER	\$25.00	\$10.00
Packaged Terminal Units (PTAC/PTHP)	All Sizes	20% Above Federal Minimum*	\$50.00	\$20.00
Room Air Conditioners	All Sizes	10 EER	\$35.00	\$20.00
Programmable (Setback) Thermostats	NA	NA	\$25.00 per Unit	NA
Window Film	NA	NA	\$0.70 per Square Foot	NA
VSD on HVAC fans and pumps	All Sizes	NA	\$60 per HP	NA
Hotel HVAC Occupancy Sensors	NA	NA	\$75.00 per Guestroom	NA
Escalator Motor Controllers (EMC)	All Sizes	NA	\$20 per HP	NA
VSD Pool Pump & Scheduling Control	NA	NA	\$150 per HP	NA
Multi-Speed Pool Pump & Scheduling Control	NA	NA	\$100 per HP	NA

*See Sure Bet Policies and Procedures for details. Qualifying EER is calculated below

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)*	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

Programmable (Setback) Thermostats			
Description	Quantity	Square footage of controlled area (if known)	Subtotal
		_____ ft ²	\$0.00
			\$0.00

Window Film			
Description	Quantity (ft ²)	North Facing Window Not Eligible	Subtotal
			\$0.00

VSD on HVAC Fans and Pumps			
Make and Model #	Quantity	Size of Unit (HP)	Subtotal
			\$0.00
			\$0.00

Hotel HVAC Occupancy Sensor			
Description	Quantity	Incentive/Unit	Subtotal
		\$75.00	\$0.00
		\$75.00	\$0.00

Escalator Motor Controllers (EMC)			
Make and Model #	Quantity	Size of Unit (HP)	Subtotal
			\$0.00
			\$0.00

VSD Pool Pump & Scheduling Control				
Make and Model #	Quantity	Size of Unit (HP)	Annual Operating Hours	Subtotal
				\$0.00
				\$0.00

Multi-Speed Pool Pump & Scheduling Control				
Make and Model #	Quantity	Size of Unit (HP)	Annual Operating Hours	Subtotal
				\$0.00
				\$0.00



Total \$0.00

Date: _____

Project #: _____ (For Office Use Only)



Cooling and Miscellaneous Specifications

Water Cooled Air Conditioning

This measure applies to the installation of new air conditioning or heat pump units that are water or evaporatively cooled. All single packaged and split system cooling equipment is eligible for an incentive and shall meet Air Conditioning and Refrigeration Institute (ARI) standards, be UL listed, use a non ozone depleting refrigerant (e.g. HFC) or minimum ozone depleting refrigerant (e.g. HCFC). All equipment shall meet specified energy efficiency qualifications (listed in Section P.7.1.2); the rated efficiency, at full load for the entire system, shall be greater than or equal to the stated minimum. The minimum efficiencies are based on the Consortium for Energy Efficiency (CEE) Tier 1 requirements (www.cee1.org). Swamp coolers are not eligible under this program.

Package Terminal AC Units (PTAC)

Package terminal air conditioners and heat pumps are through-the-wall self contained units¹ that are 2 tons (24,000 Btuh) or less. These units cool small areas and are commonly used for individual rooms. Only units that are 20% above the federal minimum standard efficiency (EER) qualify for the incentive. Minimum requirements are shown in Table 8-1; section P.8.14 of the Sure Bet Policy and Procedures. All EER values must be rated at 95 ° F outdoor dry-bulb temperature.

Room Air Conditioning

Room air conditioning units are through-the-wall (or built-in) self-contained units that are 2 tons or less. These units cool small areas and are commonly used for individual rooms. There are two eligible efficiency levels; one is for units with EERs between 10 and 11 and a second tier for units with EERs greater than 11. These units are with and without louvered sides, without reverse cycle (i.e., heating), and casement.

Programmable Thermostats

ENERGY STAR®-labeled programmable thermostats must replace any non-programmable thermostat to automatically adjust the temperature at pre-selected times. To meet ENERGY STAR® standards, they must be capable of maintaining two separate programs (to address the different comfort needs of weekdays and weekends) and up to four temperature settings for each program.

Window Film

Film must have a minimum 5-year manufacturer's warranty (to be provided with invoice). Rebates are not available for windows with Northern exposure (+/- 45° of true north). Film must meet **one** of the following requirements:

- For clear, single-pane glass, the solar heat gain coefficient (SHGC of the window film) must be less than 0.39.
- For clear, double-pane glass, the SHGC of the window film must be less than 0.25.
- For applications that don't meet either of the previous requirements, the film must have an SHGC = 0.47 and visible transmittance/solar heat coefficient (VT/SHGC) ratio > 1.3.

Specification and square footage installed of each film type and

what side of the building the film is installed **must be documented** clearly on the invoice.

Variable-speed Drive on Fans and Pumps

Variable-speed drives (VSDs) which are installed on either fans or pumps are eligible for this incentive. The VSD installation must result in energy savings. The installation of a VSD must accompany the permanent removal or disabling of any throttling devices such as inlet vanes, bypass dampers, and throttling valves. A 3% impedance choke is recommended to handle any power factor corrections that may occur. VSDs are sensitive to over voltage. VSDs that do not qualify under this measure (such as VSDs on air compressor motors) must use the Custom Application to apply for an incentive.

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 degrees from the operating setpoint. The incentive is per guest room controlled, not per sensor; for multi-room suites the incentive is available per room controlled, if a sensor is installed in each room. Replacement or upgrades of existing occupancy-based controls are not eligible as a prescriptive incentive.

Escalator Motor Controller

Motor controllers eligible for an incentive are units that control electric escalator or horizontal people mover operation only on three phase, 480 volt induction motors, ranging in size from 10 HP to 40 HP. The device must meet all required local, state, and federal codes. Applicable products/vendors must be **pre-qualified** for this prescriptive measure as discussed in the Sure Bet Policies and Procedures, Section P8.18.

Commercial Swimming Pool / Spa VSD & Two-Speed Pump & Control

This prescriptive incentive applies to all swimming pool and spa pump systems of any size. This measure is for conversion of existing single speed pump systems to either variable speed or multi-speed systems for controlling the flow rate of commercial pool/spa pumps. If the replacement system is larger in horsepower than the original system, the replacement system shall be capable of being dialed back to match the flow of the original system and shall be activated. Incentives are based on the horsepower of the pump that is replaced or the new pump, **whichever is smaller**. Systems shall have an operating automatic programmable scheduling & capacity control capability. Incentive is based on 8,760 hour/year operation. If not 8,760 hr/yr operation, the incentive will be prorated based on the ratio of the number of hours the system operates to 8,760. Please see the Sure Bet Policy & Procedures for an example.

¹ These units have a combination of heating and cooling assemblies intended for mounting through the wall, which includes refrigeration, outdoor louvers, forced ventilation, and any connect to external heating source or have electric resistance heating.

Commerical Kitchen/Refrigeration Technology Form 2009

Commercial Kitchen/Refrigeration 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 - Retrofit	HP		\$350	
Ventilation Control - New Hood	HP		\$300	
Auto Door Closers-Freezers	Door		\$50	
Auto Door Closers-Coolers	Door		\$40	
Door Gaskets	Linear Foot		\$4	
Strip Curtains on Walk-Ins	Square Foot		\$3	
Night Covers	Linear Foot		\$8	
Anti-Sweat Heater Controls	Door		\$40	
Vending Machine Controls	Per Controller		\$90	
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-Efficient 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 Kitchen & Refrigeration Specifications

Only Electric equipment qualifies for incentives. All equipment must replace existing electric equipment or be new equipment. Replacement of gas equipment does not qualify for an incentive. Further information and specifications for many of these measures is given in the Sure Bet Policies and Procedures Manual. Energy Star maintains a list of most qualifying products and specifications at www.CEE1.org or www.energystar.gov/cfs. To determine if non-Energy Star or CEE 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 commercial steam cooker shall 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 must be electric hot food holding cabinets that are fully insulated and have solid doors in full, three-quarter and half sizes. Qualifying cabinets must 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 Custom Incentive.

Ventilation Control Retrofit This incentive applies towards the purchase and installation of a new commercial kitchen exhaust hood control system installed in an existing 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.

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.

Auto Door Closers The auto-closer should be applied to the main insulated opaque door of a walk-in cooler or freezer or the glass door of a reach-in cooler or freezer. For reach-ins the door must have a minimum perimeter of 16 feet. The auto-closer must be able to firmly close that door when it is within one inch of full closure.

Door Gaskets This measure applied to gaskets installed on an insulated opaque door of a walk-in or reach-in cooler or freezer or a reach-in glass door of a cooler or freezer to either replace a worn gasket or where no gasket currently exists. Replacement gaskets must meet the manufacturer's installation specifications, specifically regarding dimensions, materials, attachment method, style, compression, and magnetism. Incentive is based on total door perimeter in linear feet.

Strip Curtains 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 or replacing existing strip curtains. Incentive is based on square footage of doorway.

Night Covers This specifications applies to 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 Must install a device that senses the relative humidity in the air outside of the display case and reduces cycle time or turns off the glass door (if applicable) and frame anti-sweat heaters at low humidity conditions. Technologies that can turn off anti-sweat heater based on sensing condensation (on inner glass pane) also qualify.

Vending Machine Controller The device eligible for this incentive must be used for refrigerated vending machines that only contain non-perishable food items limited to bottled and canned beverages. Controller must include a passive infrared occupancy sensor to turn off fluorescent lighting and compressor when surrounding area is unoccupied for 15 minutes or longer. Control logic should periodically power up machine at intervals to maintain product temperature and for compressor protection.

EC Motors on Walk-In/Refrigerated Cases This measure is applicable to the replacement of an existing standard-efficiency shaded-pole evaporator fan motor in refrigerated walk-in Boxes or Cases (coolers or freezers). The replacement unit must be an Electronically Commutated Motor (ECM). An ECM is a brushless DC motor with an electroni-

cally 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.

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 must 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/cfs 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 built-in (packaged). Cases with remote refrigeration systems do not qualify for a prescriptive incentive. Customers must provide proof that the appliance meets the CEE Tier II energy-efficiency specifications using ASHRAE Standard 117-1992 (38°F +/- 2°F).

Custom Technology Form 2009

Item 1					
Description	On-Peak kWh	On-peak \$/kWh	Non On-Peak kWh	Non On-peak \$/kWh	Subtotal
		\$0.10		\$0.05	\$0.00

Item 2					
Description	On-Peak kWh	On-peak \$/kWh	Non On-Peak kWh	Non On-peak \$/kWh	Subtotal
		\$0.10		\$0.05	\$0.00

Item 3					
Description	On-Peak kWh	On-peak \$/kWh	Non On-Peak kWh	Non On-peak \$/kWh	Subtotal
		\$0.10		\$0.05	\$0.00

Item 4					
Description	On-Peak kWh	On-peak \$/kWh	Non On-Peak kWh	Non On-peak \$/kWh	Subtotal
		\$0.10		\$0.05	\$0.00

Total \$0.00



Date: _____

Project #: _____ (For Office Use Only)



Custom Specifications

The Custom Incentive Application must be used for all projects that are not covered by a Prescriptive Application. Custom Project Applications require supporting equipment performance information and calculations documenting the on- and non on-peak energy savings that are expected to result from the project. The required information typically includes performance data for the base case and the high efficiency equipment that is installed as well as the operating load profile that the equipment operates under. Annual models are often necessary. Measurement and verification activities are likely to be required to document that energy impacts are consistent with pre-approved estimates. A **Pre-notification Applications is required for all Custom Incentives** .

Incentives

The amount of the incentive will be calculated as \$0.010 for the first year of all on-peak kilowatt hours (kWh) saved plus \$0.05 for non on-peak kWh saved.

Actual incentive payments will be based on either (1) documented on and off peak electrical energy (kWh) reduction or (2) a corrected on and non on-peak electrical energy reduction estimate to account for changes in the project. Under **no** circumstances will the incentive payment exceed the incremental project costs.

Eligible Measures

Any qualifying measures or projects **not** eligible under the Sure Bet Prescriptive Program that result in a permanent, non-reversible energy efficiency improvement must use the Custom Application. The project must have isolated and measurable or verifiable electric energy savings. Sure Bet may require documentation that equipment that is replaced is permanently removed from service. Please refer to the Sure Bet Policy and Procedures document for more detailed information.

Ineligible projects include (but are not limited to) electrical generation projects, fuel switching, and customer owned on-site generation.

Supporting Documentation

In addition to required documentation as presented in the Policies & Procedures, please attach supporting documentation, including (but not limited to) the following:

- Complete description of the proposed project; including definitions of the base case and details of the proposed equipment (provide manufacturer's specification sheets for both the standard efficiency system and the high efficiency system).
- Document all assumptions used to calculate estimated or actual project costs.
- Document all assumptions and

methodology used to calculate both on-peak and non on-peak energy (kWh) consumption savings.

Project Description

Describe the project, the products and technologies used, and how they will be employed. List all facilities, buildings or equipment that will be affected by the project. Include Customer account # and Premise ID number for each facility.

Documentation and Savings Calculations

Include all relevant data that will allow an engineer to duplicate the savings estimate indicated, such as:

- Concise description of the existing energy systems to be affected.
- Facility physical description and occupancy (including activities in building and hours of operation)
- Location of affected equipment
- Condition and age of equipment if a degradation in nameplate efficiency is assumed
- Hours of operation of the affected equipment
- Number of existing units
- Ratings of equipment (wattage, nameplate, tonnage, voltage, etc.)
- Measure-by-measure summary of the calculated demand savings associated with the project
- Historical peak power (if demand metered) and/or energy consumption data
- Clearly indicate all assumptions and variables used in the analysis
- Describe the basis or rationale for each assumption and variable.
- The equipment loading profile.

Peak electric energy savings must be calculated as the average energy reduction expected during the entire on-peak

and non-on-peak period.

Peak period hours are:

NV Energy Northern Service Territory

Summer On-peak Period: 1 p.m. to 6 p.m. (July 1 through Sept. 30); Monday through Friday only

Winter On-peak Period: 5 p.m. to 9 p.m. (Oct. 1 through June 30); 7 days/week

NV Energy Southern Service Territory

Summer On-peak Period: 1 p.m. to 7 p.m. (June 1 through Sept. 30); 7 days/week.

All other hours are in the Non On-Peak period.

Please refer to the Sure Bet Policy and Procedures Definitions for a description of Northern and Southern Service Territory.

Inspection & Analysis

It is up to the applicant to document the energy savings. We strongly suggest that the applicant contact the Sure Bet Team at 800-342-6335 to discuss acceptable savings documentation methods and calculations.

All custom projects require a pre-inspection to confirm pre-existing conditions. Custom incentive applications must therefore be submitted prior to commencement of demolition or removal of existing equipment. Applicants will be responsible for submitting complete documentation that indicates the basis for projected energy savings. The applicant must understand that monitoring or measurements of both pre and post retrofit systems may be required and that the applicant or his contractor are responsible for the costs of monitoring, measurements and any savings calculations that may be required.

There is a minimum required annual savings of 2,000 kWh in order to submit a Custom Application.

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 efficiency measures were installed between the dates of January 1, 2009 and December 31, 2009.

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 Procedure Manual which can be found at www.nvenergy.com/surebet. Selective terms and conditions include:

- 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 to be a distribution customer of NV Energy during the said time period.
- 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 NV Energy customer receives total incentive payments that exceed \$100,000 in a calendar year for any one program.
- 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 specifications sheets.
- 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 rights to determine the estimated savings and thus the incentive amount to be paid.
- 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 renewable energy portfolio standard.
- 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 the amount of energy savings achieved.
- 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 UNDERSTAND THAT MY RELEASE OF THE PAYMENT TO A THIRD PARTY DOES NOT RELEASE ME FROM ANY OF THE REQUIREMENTS OUTLINED IN THE SURE BET PROGRAM APPLICATION AND AGREEMENT.

Application Number (SB#)

Applicant Company Name

Contractor Company Name (Payee)

Customer Signature

Contractor Signature

Print Name

Print Name

Title

Title

Date

Date