



Renewable Heat NY - Pellet Stove Project and REBATE Information

Pellet Stove REBATE Type: **Income qualified customer, no recycling necessary** Total Cost of Project: **\$4,300.00**
 Max Rebate: **\$2,000.00**
 Rebate: **\$2,000.00**
 Post-Incentive Costs: (Found on Next Page) **\$2,300.00**

Customer Information

Name: **Joe Jones**
 Address: **303 Main Street**
 City, State, Zip: **Northville, NY 12134**

Existing (Pre-work) Heating Source(s)

Primary Fuel Used: **Oil** **Annual Fuel Use - Average The Units Used Over Several Years**
 Historical Fuel Use (Gallons, kWh, Full Cords, etc.) **800.0** Gallons
 *Local Fuel Price (\$ per Gallon, kWh, Full Cord, etc.) **\$3.00** per Gallon
 Primary Useful MMBtus (Annual) **88.96** MMBtu
 Calculated Historical Annual Primary Fuel Cost **\$2,400.00**

Secondary Fuel Used - If Any: **Cord Wood**
 Historical Supplemental Fuel Use (kWh, Full Cords, Tons of Pellets, etc.) **1.5** Cords
 *Local Fuel Price (\$ per kWh, Full Cord, Ton of Pellets, etc.) **\$250.00** per Cord
 Supplemental Heating - Useful MMBtus (Annual) **8.25** MMBtu
 Calculated Historical Annual Supplemental Fuel Cost **\$375.00**

Home Owner Average Fuel Costs **\$2,775.00**

Table: NYS Average Fuel Costs with 10% High Cost Buffer Added

Standardized Values for Fuels:	#2 Oil	\$3.66 / Gallon	Electricity	\$0.211 / kWh
OR	Kerosene	\$4.16 / Gallon	Cord Wood	\$250 / Cord, delivered
Actual 3 Year Average May Be Used.	Propane	\$2.97 / Gallon	Wood Pellet	\$260 / Ton

*Input of homeowner average fuel costs greater than these (above) will require submission of billing data.
 For issues contact: pelletstoves@nyscrda.ny.gov

RHNY Installer/Contractor Information

Name: **Bill-Bob's Hearth Shop**
 Address: **22 CR-113**
 City, State, Zip: **Edinburg, NY 12134**

Projected Savings Due to Heating System Conversion

Income qualified customer, no recycling necessary
 Total MMBtu's Needed **97.21** MMBtu
 Total Square Foot of Home **1900** Percent of Home Heated by New Unit **55%** %
 Total MMBtu's Needed as Supplied by New Stove or Insert (from Pellets) **53.47** MMBtu
Calculated Biomass Fuel Needed (Pellets in Tons) **4.8** Tons
 Local Fuel Price \$ / Ton of Pellets, Bagged or Bulk: **\$235.00** per Ton
 Anticipated Annual Fuel Cost (\$) **\$1,121.82**

Fuel For Balance of BTU's: **Oil** MUST MATCH A FUEL ABOVE
 Local Fuel Price (\$ per kWh, Full Cord, Ton of Pellets, etc.) **43.74** MMBtu
 Local Fuel Price (\$ per Gallon, kWh, Full Cord, etc.) **393.4** Gallons
 Calculated Historical Annual Primary Fuel Cost **\$3.00** per Gallon
\$1,180.16

Projected Annual Fuel Savings in Dollars Saved (Found on Next Page) **\$473**

Simple Payback for Total Cost of Project (Years)	9.1
Simple Payback for Project Cost Less Incentive (Years)	4.9
Average Measure Life (Years)	20

KEY
Yellow Cells are Required Input



Project Information	
\$150 Processing Fee Financed?	Yes
Total Cost of Project	\$4,300.00
NYSERDA RHHY Incentive	\$2,000.00
Loan Amount (minimum \$1,500)	\$2,450.00
Customer Contribution	\$0.00
Annual Value of Energy Displaced	\$473.02
Average Measure Life (Years)	20.00

Customer Information	
Name:	Joe Jones
Address:	303 Main Street
City, State, Zip:	Northville, NY 12134

RHHY Installer/Contractor Information	
Name:	Bill-Bob's Hearth Shop

Loan Eligibility Criteria	On-Bill Recovery Loan at 3.49% APR			Smart Energy Loan at 3.49% APR			Smart Energy Loan at 3.99% APR		
	5 Year	10 Year	15 Year	5 Year	10 Year	15 Year	5 Year	10 Year	15 Year
SIR Required Customer Contribution -or- Required FY Savings	3.82	3.52	3.24	3.82	3.52	3.24	3.77	3.43	3.13
Cash Flow Eligibility Loans >\$13,000 Payback Must be <=15 Years	NO	YES	YES	YES	YES	YES	YES	YES	YES
OBR- 1/12th Rule Smart Energy - loan term <= average measure life									
Required Customer Contribution	\$248			N/A	N/A	N/A	N/A	N/A	N/A
-or- Required FY Savings	\$527			N/A	N/A	N/A	N/A	N/A	N/A

***Note:** The monthly payment is an estimate and may be adjusted in the Loan Agreement. The annual value of energy displaced will vary based upon your household, the system operation, and the cost of fuel which is subject to change.

Loan Calculator				
		On-Bill Recovery Loan	Smart Energy Loan	Personal Loan
Loan Information	Loan Amount (Above)		\$2,450.00	
	Term in Years	10		
	Interest	3.49%	3.49%	12.00%
Payment Information	Monthly Payment	\$24.22	\$24.22	\$35.15
	Total Invested	\$2,905.87	\$2,905.87	\$4,218.05
	Interest Accrued	\$455.87	\$455.87	\$1,768.05
Savings After Improvement	Monthly			
	Dollar Savings	\$40.87		
	Loan Payment Amount	\$24.22	\$24.22	\$35.15
	Net	\$16.65	\$16.65	\$5.72
	Project Lifetime Energy Savings	\$10,215.15	\$10,215.15	\$10,215.15
	Simple Payback Period (Years)	5.18	5.18	5.18

Notes	
Installer/Contractor Notes	

NYSERDA Notes	NYSERDA Project Number	Reviewed by