## ENERGY EFFICIENT HOMES DELEGATED CLIENTS ONLY

These programs enable the borrower to cover the cost of making energy efficiency improvements to an existing property at the time of purchase or refinance or for upgrades above the established residential building code for new construction. Funds for energy efficiency improvements are included in the total loan amount.

	FHA Energy Efficient Mortgage (EEM)	FHA Weatherization Loan	FHA Solar and Wind Technologies
Loan Program Description	Finance cost effective and energy efficient improvements in conjunction with 203(b)  • Purchase  • Refinance (Rate/Term, Simple and Streamline)  • Weatherization (Existing Construction only)	Weatherization product permits borrower to finance the cost of energy-related weatherization improvements in conjunction with 203(b)  • Purchase  • Refinance (Rate/Term and Simple)  • EEM on Existing Properties	Finance the cost and installation of new solar and wind energy system improvements made, or to be made, to the property  • Purchase  • Refinance (Rate /Term and Simple)
Property Types	Eligible Property Types (Existing and new construction)  1-4 units PUDs Condos Manufactured homes Modular Pre-Cut/Panelized Housing Ineligible Property Types Co-ops	Eligible Property Types (Existing construction only)  1-4 units PUDs Condos Manufactured homes Modular Pre-Cut/Panelized Housing Ineligible Property Types Co-ops	Eligible Property Types (Existing and new construction)  1-4 units PUDs Manufactured homes Modular Pre-Cut/Panelized Housing Ineligible Property Types Condos Co-ops
Energy Package (Examples of Improvements to be Financed)	Energy package is cost for improvements agreed by Borrower and recommended and supported by Home Energy Report by qualified Home Energy Rater  Costs may include:  Labor  Materials  Inspections  Home energy assessment  Cost of an EEM Facilitator (if utilized)  Energy saving equipment and technologies	Eligible energy-related weatherization items include:  • Air sealing (including weather stripping doors, caulking window and plumbing penetrations)  • Insulation (attic, floors, walls, basement);  • Duct sealing and insulation;  • Smart thermostats and equipment controls; and  • Windows and doors  • Low flow water fixtures  • Carbon Monoxide monitors	<ul> <li>Borrower must currently own or are purchasing the solar or wind energy system.</li> <li>Leased equipment and Solar Power Purchase Agreements are not eligible</li> <li>Eligible Solar and Wind Technologies         <ul> <li>Active and Passive solar systems and wind driven systems.</li> <li>Photovoltaic System - must provide electricity and meet fire and electrical code requirements</li> <li>Wind Turbine must meet technical standards (e.g. IEC, AWEA, SWCC, etc.) and have nameplate capacity of no more</li> </ul> </li> </ul>

			•	than 100 kilowatts (generation) and Be installed by installer with North American Board of Certified Energy Practitioners Small Wind Installer Certification
Cost-Effective Test	For Existing Construction:  The cost of energy efficient improvements including maintenance and repair over estimated useful life must be less than the value of the energy saved over the estimated useful life of the improvements.  Example (for EEM to finance Water Heater)  • Annual energy Savings = \$ 164  • Estimated Useful life = 7 years  • Total Savings over useful life = 164 x 7 = \$1,148  • Water Heater cost = \$1,000  • Maintenance/Repairs (over 7 years) = \$100  Meets cost effective test because savings (\$1,148) is greater than cost plus maintenance (\$1,100)  For New Construction:  The loan amount is limited to those cost effective energy improvements over and above the greater of the following standards:  • 2006 IECC  • Successor energy code adopted by HUD  • Applicable IECC used by local building authority code  If the work that is done after closing differs from the approved energy package, a change order along with a revised home energy audit must be submitted to the Direct Endorsement	N/A	N/A	

	(DE) underwriter for approval. If the changes		
	still meet the cost-effective test, no further		
	analysis is required. If not, the funds for the		
	work not included in the approval energy		
	package must be used to pay down the		
	mortgage principal		
EEM Calculator	The dollar amount of a cost-effective	N/A	N/A
(FHA	energy package must be calculated as		
Connection)	determined by the home energy audit.		
	The EEM Calculator, located in FHA		
	Connection (FHAC) on the Case		
	Processing screen, will perform the		
	calculation of Maximum Financeable		
	Energy Package. The EEM Calculator		
	uses data entered for the Mortgage to		
	calculate the maximum energy package.		
	For a Streamline Refinance, the EEM		
	Calculator uses the appraised value from		
	the initial transaction, contained within		
	FHA Connection records, as the Adjusted		
	Value.		
Documentation	Contractor estimate	Document the cost of work including the	Document the cost of work, including the
of Cost	The borrower must obtain a home energy	weatherization materials and labor	energy systems' material and labor
	assessment (HERS). The assessment		and the second s
	must be conducted by a qualified energy		
	rater, assessor, or auditor using whole-		
	home assessment standards, protocols		
	and procedure.		
	The HERS report provides		
	recommendations of energy saving		
	improvements including estimates of the		
	energy savings and cost effective		
	analysis of each improvement.		
	On newly constructed housing, the HERS		
	report must identify improvements that		
	are over and above the greater of the		I I
	are over and above the greater of the		
	following:		
	following:  the requirements of the 2006 IECC,		
	following:  the requirements of the 2006 IECC, or a successor energy code standard		
	following:  the requirements of the 2006 IECC, or a successor energy code standard that has been adopted by HUD for its		
	following:  the requirements of the 2006 IECC, or a successor energy code standard		

	the applicable IECC year used by the		
	state or local building code for New		
	Construction.		
	The HERS report must not be greater		
	than 120 days old		
Qualified Home	Qualified home energy raters/assessors	N/A	N/A
Energy	must be trained and certified as one of		
Raters/Assessors	the following and the report must reflect		
	one of these professional credentials.		
	Building Performance Institute		
	Building Analyst Professional;		
	Building Performance Institute Home		
	Energy Professional Energy Auditor;		
	<ul> <li>Residential Energy Services Network</li> </ul>		
	Home Energy Rater; or		
	energy rater, assessor or auditor who		
	meets local or state jurisdictional		
	requirements for conducting		
	residential energy audits or		
	assessments, including training, certification, licensure and insurance		
	requirements.		
Maximum	Maximum amount that can be added to the	Maximum allowable cost of energy-related	Compute Adjusted Value by using the
Financeable	Base Loan Amount is the lesser of:	weatherization items that can be financed is:	purchase price, excluding the cost and
Amount	Dollar amount of energy package as	weatherization items that our be infalled is.	installation of the Solar or Wind technology
	determined by HER/Contractor	Max allowable   Appraisal   Inspection	system and the Property Value excluding the
	Estimate, or	cost of requirement- requirements	cost and installation of the Solar and Wind
	The lesser of 5% of	weatherization value	technology
	The adjusted value	items determination	
	115% of the median sales	\$2,000 not to Not required Not required	Max loan amount is the lesser of
	price in county, or	exceed actual	<ul> <li>Cost and installation of the solar or</li> </ul>
	150 %of FHFA national	cost	wind technology system or
	conforming loan limit	\$3,500 not to FHA Not required	20% of the Property Value plus the
	Energy Package = \$17,000	exceed actual Appraisal or	Base Loan Amount
	Adjusted Value = \$330,000 x \$16,500	cost DE	Rebates identified in the contract and
	5% =	Underwriter No Limit/pot to FHA	assigned to the contractor in determining cost be excluded from financeable amount
	Median Sales Price = \$18,975	No Limit/not to FHA Onsite	be excluded from milanceable amount
	\$330,000 x 115% = \$379,500	exceed actual   Appraisal or   inspection by   cost   DE   FHA	Base loan amount may exceed the statutory
	x 5% =	Underwriter appraiser	mortgage limit by no more than 20%.
	150% of FHFA Conforming \$31,807	and separate	
	Limit = \$424,000 x 150% = \$636,150 x 5% =	on-site	
	Max Financeable Amount = \$16,500	inspection	
	Iviax rinanceable Amount =   \$16,500		

## EEM Calculator in FHA Connection will do this calculation. Print out must be included in the file at the time of delivery **Loan Structure** The maximum mortgage amount must be When Calculating calculated without factoring in the cost of the energy package Total Loan The cost of these improvements may be Amount (LTV) added to determine the Base Loan Amount. The UFMIP is added to determine the Total Loan amount The Base Loan Amount may not exceed 110% of the After Improved Value of the Property (100% for condos) For New Construction, the cost of the financeable energy package must be subtracted from the sales price when computing the Adjusted Value. • Step 1

Step 2

amount

for the area by the EEM amount

 Sales Price minus Energy Package reflected in HER =

Base Loan amount plus
Max Financeable Energy
Package calculation = subtotal
Plus UFMIP = Total FHA Loan

May exceed the statutory mortgage limits

Adjusted value for calculating the base loan amount

require the FHA appraisal or a statement from the FHA roster appraiser supporting the proportional increase in the base loan amount or adjusted value by the amount of the weatherization package.

• Cost of work including the weatherization

• For loan amounts greater than \$2,000, will

- Cost of work including the weatherization materials and labor (Sweat equity not permitted
- The maximum mortgage amount must be calculated without factoring in the cost of the energy package
- The cost of these improvements may be added to determine the Base Loan Amount.
- The UFMIP is added to determine the Total Loan amount
- The Base Loan Amount may not exceed 110% of the After Improved Value of the Property (100% for condos)
- When determining the Adjusted Value, the dollar limit of the weatherization items may be added to both the Sales Price and the Property Value
- May exceed the statutory mortgage limits for the area by the energy package amount

Example of Weatherization Purchase Loan

Adjusted Value =	\$300,000
Initial Base Loan Amount =	\$289,500
\$300,000 x 96.5%	
Adjusted Value +	\$2,000
Weatherization Package =	
New Adjusted Value	\$302,000
Final Base Loan Amount =	\$291,430
\$302,000 x 96.5%	
UFMIP = \$291,430 x 1.75% =	\$5,100
Total FHA Loan Amount =	\$296,530

- The maximum mortgage amount must be calculated without factoring in the cost of the energy package
- The cost of these improvements may be added to determine the Base Loan Amount.
- The UFMIP is added to determine the Total Loan amount
- The Base Loan Amount may not exceed 110% of the After Improved Value of the Property
- May exceed the statutory mortgage limits for the area by the energy package amount

Example – Existing Construction Refinance

Adjusted Value =	\$330,000
Initial Base Loan Amount =	
\$330,000 x 97.75% =	\$322,575
Solar and Wind Package	\$16,500
Final Base Loan Amount =	
\$322,575 + \$16,500	\$339,075
UFMIP = \$339,075 x 1.75%	
=	\$5,933.81
Total FHA Loan Amount =	\$350,433

	Example – Existing Construction  Adjusted Value = Initial Base Loan Amount = \$330,000 x 97.75% = EEM Package Final Base Loan Amount = \$322,575 + \$16,500  UFMIP = \$339,075 x 1.75% =  Total FHA Loan Amount =  Example – New Construction F  Sales Price = Minus Energy Package in HER =  Adjusted Value = \$330,000 - \$17,000 = Initial Base Loan Amount = \$313,000 x 96.5% = Financeable EEM Package Final Base Loan Amount = \$302,045 + \$16,500  UFMIP = \$318,545 x 1.75% =	\$330,000 \$322,575 \$16,500 \$339,075 \$5,933.81 \$350,433 Purchase \$330,000 \$17,000 313,000 \$302,045 \$16,500 \$318,545 \$5,574.53	Example of Weatherization plus Electrical El	\$330,000 \$318,450 \$2,000 \$332,000 \$320,380 \$16,000 \$336,380 \$5,886.65 \$342,267	Example – New Construction P  Sales Price = Minus Energy Package = Adjusted Value = \$330,000 - \$17,000 = Initial Base Loan Amount = \$313,000 x 96.5% = Financeable EEM Package Final Base Loan Amount = \$302,045 + \$16,500 UFMIP = \$318,545 x 1.75% =  Total FHA Loan Amount =	\$330,000 \$17,000 313,000 \$302,045 \$16,500 \$318,545 \$5,574.53 \$324,119
DTI Ratio	The cost of the improveme included in the DTI calcularatio is calculated using the Loan Amount plus the port UFMIP attributable to the Incom Amount	tion. The DTI e Initial Base ion of the	The cost of the improvement is in the DTI calculation. The DT calculated using the Initial Bas Amount plus the portion of the attributable to the Initial Base.	T ratio is se Loan UFMIP	The cost of the improveme included in the DTI calculat ratio is calculated using the Loan Amount plus the porti UFMIP attributable to the Ir Loan Amount	ion. The DTI Initial Base on of the

## The stretch ratios permitted for Energy The stretch ratios permitted for Energy Efficient Homes underwriting feature may Efficient Homes underwriting feature may be be used for the EEM program used for the Weatherization program New Construction – property must Home's current score must be 6 or meet or exceed the high of: higher on the Home Energy Score 2006 IECC, scale or Energy improvements will increase Any successor energy code adopted by HUD for its MPS or home's score to a 6 or higher Applicable IECC year used by state or local building code **Existing Construction** Home's current score must be 6 or higher on the Home Energy Score scale or Energy improvements will increase home's score to a 6 or higher Underwriting Use the initial Base Loan Amount prior to addition of the financeable energy package to submit the loan to TOTAL to submit the loan to TOTAL Scorecard Scorecard If an Accept or Approve is received on a If an Accept or Approve is received on a loan application that does not include the financeable energy package, FHA will recognize the risk rating from TOTAL recognize the risk rating from TOTAL

- Use the initial Base Loan Amount prior to addition of the financeable energy package
- loan application that does not include the financeable energy package, FHA will Mortgage Scorecard and permit the increase to the Mortgage Payment without reunderwriting or rescoring.
- Two FHA Loan Underwriting and Transmittal Summary forms, HUD-92900-LT, must be provided in the case binder:
  - One showing the qualifying ratios without the financeable energy package
  - Second showing the mortgage amount calculation that includes the financeable energy package as reflected in FHAC.
    - The underwriter must attest that they have reviewed the calculations associated with the energy efficient improvements and found the loan and the property to be in compliance with FHA's underwriting instructions

- The stretch ratios permitted for Energy Efficient Homes underwriting feature may be used for the Solar and Wind program
  - New Construction property must meet or exceed the high of:
    - 2006 IECC,
    - Any successor energy code adopted by HUD for its MPS or
    - Applicable IECC year used by state or local building code
  - **Existing Construction** 
    - Home's current score must be 6 or higher on the Home Energy Score scale or
    - Energy improvements will increase home's score to a 6 or higher

- Mortgage Scorecard and permit the increase to the Mortgage Payment without re-underwriting or rescoring.
- Two FHA Loan Underwriting and Transmittal Summary forms, HUD-92900-LT, must be provided in the case binder:
  - One showing the qualifying ratios without the financeable energy package
  - Second showing the mortgage amount calculation that includes the financeable energy package as reflected in FHAC.
    - The underwriter must attest that they have reviewed the calculations associated with the energy efficient improvements and found the loan and the

- Use the initial Base Loan Amount prior to addition of the financeable energy package to submit the loan to TOTAL Scorecard
- If an Accept or Approve is received on a loan application that does not include the financeable energy package, FHA will recognize the risk rating from TOTAL Mortgage Scorecard and permit the increase to the Mortgage Payment without re-underwriting or rescoring.
- Two FHA Loan Underwriting and Transmittal Summary forms, HUD-92900-LT, must be provided in the case binder:
  - One showing the qualifying ratios without the financeable energy package
  - · Second showing the mortgage amount calculation that includes the financeable energy package as reflected in FHAC.
    - The underwriter must attest that they have reviewed the calculations associated with the energy efficient improvements and found the loan and the

	property to be in compliance with FHA's underwriting instructions		property to be in compliance with FHA's underwriting instructions
Appraisal	The appraisal does not need to reflect the value of the energy package  If the value of the energy package is included in the appraisal, the value must be subtracted from the Property Value when computing the Adjusted Value	<ul> <li>The appraisal does not need to reflect the value of the energy package for amounts &lt;= \$2,000</li> <li>For amounts &gt; \$2,000 &lt;= \$3,500 the value must be supported by a value determination by an approved FHA Roster Appraiser or DE Underwriter</li> <li>For amounts &gt; \$3,500 the value must be supported by a value determination by an approved FHA Roster Appraiser or DE Underwriter and a separate on-site inspection by an FHA Roster Inspector or DE staff appraiser</li> <li>If the value of the energy package is included in the appraisal, the value must be subtracted from the Property Value when computing the Adjusted Value</li> </ul>	The appraisal does not need to reflect the value of the energy package  If the value of the energy package is included in the appraisal, the value must be subtracted from the Property Value when computing the Adjusted Value
Escrow	Excess funds must be applied to principal. No cash back.     Escrow accounts must be established in accordance with Repair Completion Escrow Requirements for remaining costs of the energy improvements that are not completed by closing  If energy efficient improvements will be done after closing and delivery to ditech, the following is required:     Lender to execute form HUD-92300, Mortgagee's Assurance of Completion, to indicate that the escrow for energy package improvement has been established     Closing Disclosure to list EEM portion as escrow holdback if improvements have not been made prior to closing	Excess funds must be applied to principal.     No cash back.     Escrow accounts must be established in accordance with Repair Completion Escrow Requirements for remaining costs of the energy improvements that are not completed by closing  If energy efficient improvements will be done after closing and delivery to ditech, the following is required:     Lender to execute form HUD-92300, Mortgagee's Assurance of Completion, to indicate that the escrow for weatherization improvement has been established     Closing Disclosure to list energy efficient portion as escrow holdback if improvements have not been made prior to closing	Excess funds must be applied to principal. No cash back.     Escrow accounts must be established in accordance with Repair Completion Escrow Requirements for remaining costs of the energy improvements that are not completed by closing  If energy efficient improvements will be done after closing and delivery to ditech, the following is required:     Lender to execute form HUD-92300, Mortgagee's Assurance of Completion, to indicate that the escrow for weatherization improvement has been established     Closing Disclosure to list energy efficient portion as escrow holdback if improvements have not been made prior to closing

	When EEM improvements are completed and the escrow funds are disbursed, provide evidence of completion and costs (inspection, signed invoices, receipts, etc.) to ditech at following email address:     Post.Funding.Adjustments@ditech.com     Apply unused escrow funds to reduce the outstanding principal balance.     Work must be completed within 90 days after closing.     Escrow may not include costs for labor or work performed by the borrower (sweat equity)	<ul> <li>When energy efficient improvements are completed and the escrow funds are disbursed, provide evidence of completion and costs (inspection, signed invoices, receipts, etc.) to ditech at following email address:         <ul> <li>Post.Funding.Adjustments@ditech.com</li> </ul> </li> <li>Apply unused escrow funds to reduce the outstanding principal balance.</li> <li>Work must be completed within:         <ul> <li>30 days after closing or</li> <li>90 days after closing if improvements are part of an EEM</li> </ul> </li> <li>Escrow may not include costs for labor or work performed by the borrower (sweat equity)</li> </ul>	<ul> <li>When energy efficient improvements are completed and the escrow funds are disbursed, provide evidence of completion and costs (inspection, signed invoices, receipts, etc.) to ditech at following email address:         <ul> <li>Post.Funding.Adjustments@ditech.com</li> </ul> </li> <li>Apply unused escrow funds to reduce the outstanding principal balance.</li> <li>Work must be completed within 120 days after closing</li> <li>Escrow may not include costs for labor or work performed by the borrower (sweat equity)</li> </ul>
Timeframe and Inspection of Completion	<ul> <li>The energy package is to be installed within 90 Days of the mortgage Disbursement.</li> <li>If the work is not completed within the required timeframe, the EEM funds must be applied to a prepayment of the mortgage principal</li> <li>The lender, the rater, or an FHA Roster Inspector may inspect the installation of the improvements. The Borrower may be charged an inspection fee</li> </ul>	Installation of weatherization improvements must be completed within:  30 days of mortgage disbursement  90 days of mortgage disbursement if the improvements are part of an energy package for EEM  If the work is not completed within the required timeframe, the funds must be applied to a prepayment of the mortgage principal  The lender or their agent must  inspect the weatherization items or  obtain evidence from local authority that the system was installed in accordance with local requirements	<ul> <li>Solar-Wind Energy system must be completed within 120 days of the mortgage disbursement</li> <li>If the work is not completed within the required timeframe, the funds must be applied to a prepayment of the mortgage principal</li> <li>The lender or their agent must</li> <li>Inspect the solar and wind improvement, or</li> <li>Obtain evidence from local authority that the system was installed in accordance with local code</li> </ul>
Special Processing Requirements	HUD 92900 LT (2 –one without EEM and one with EEM) - Must be included in the file at the time of delivery     FHA Connection Insurance Screen     FHAC Escrow Closeout Screen     HUD 92300 Mortgagee Assurance of Completion     EEM Calculator - Print out must be included in the file at the time of delivery  Changes to the Energy Package after Mortgage Closing	HUD 92900 LT (2 –one without EEM and one with EEM) - Must be included in the file at the time of delivery     FHA Connection Insurance Screen     FHAC Escrow Closeout Screen     HUD 92300 Mortgagee Assurance of Completion	HUD 92900 LT (2 –one without EEM and one with EEM) - Must be included in the file at the time of delivery     FHA Connection Insurance Screen     FHAC Escrow Closeout Screen     HUD 92300 Mortgagee Assurance of Completion

If the work that is done differs from the approved energy package, a change order along with a revised home energy audit must be submitted to the Direct Endorsement (DE) underwriter for approval. If the changes still meet the cost-effective test, no further analysis is required. If not, the funds for the work not included in the approval energy package must be used to pay down the mortgage principal		
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