EMS Heat Loss/Heat Gain Calculation

Company:	Green Engineering Solutions, Inc.
Preparer:	Misty Miller CER #1493
Phone:	904-400-0624

Customer:	Area 36 Residence 1st FL
Address:	7387 SW Tustenuggee Ave Lake City, FL 32024
Phone:	
Date:	1/22/2021

This HVAC load calculation has been performed using sound engineering principles as prescribed by Manual J seventh and eighth abridged editions and ASHRAE Fundamentals. Duct sizing has been performed as prescribed by Manual D.

1. Design Conditions

Total conditioned area (sq.ft.)	2122		
	Indoor	**Outdoor**	**Temp. Diff.**
Winter	70	34	36
Summer	73	95	22

Front of home is facing:
West

2. How would you describe the summer humidity in your area? Very Humid 60 Grains difference

3. How tight is the house? Average-over 1500 Sq. Ft.
Winter air change / hr: 0.7 Summer air change / hr: 0.35

4. Fireplace evaluation : Number: 1 Tightness: Average 20

5. Number of occupants:

6. Overhang characteristics (optional)

	East	**West**	**S/SE/SW**
Distance of overhang from top of window (Ft.)			
Length of overhang			

1'S 48416

7. Solar gain through glass

Use Manufacturer's Specs to determine HTM					
Latitude:	30	U-value	.35	SHGC	.27

Facing	Total area - Sq.Ft.	Type of glass	HTM	Linear ft.	Unshaded	Shaded	BTUH
N/Shaded		-- Select --	13	Below OH		0	
NE/NW		-- Select --	26		0		0
South	132	Trpl or low-E	15		132	0	1980
SE/SW		-- Select --	27		0	0	0
East	242	Trpl or low-E	33		242	0	7986
West	284	Trpl or low-E	33		284	0	9372
Skylight		-- Select --					0
Total North and Shaded						0	0
Total Solar Gain							19338
Adjust for tinted or reflective window coating?				No	1		19338

8. Ducts/Pipes

Location:	Trunk and branches in attic				
Attic Temp.	Insulation		Leakage		Area
95	R-6	1	sealed	1	2122

Duct gain:	0.167	Duct loss:	0.187

9. Load Calculation

Elements of Load	Insulation / R-value	Area/lin.ft.	U-value	Heat Loss	Heat Gain
Gross Wall		2663.7	Glass solar gain		19338
Glass 1	Trpl or low-E	658	0.42	8291	
Glass 2	-- Select --			0	
Skylight	-- Select --	0		0	
Doors	Insulated or Storm	24	0.4	346	211
Net walls	R-19	1982	0.06	4280	2616
Ceilings	-- Select --			0	0
Floors	-- Select --			0	0
Open floors	-- Select --			0	0
Slab floors	No Insulation	264.16	0.8	7608	0
Volume of your building or zone (cu. Ft.)		21389.8		10674	3020
		People			0
		Appliances			3100
		Sub Total		31199	28285
		Duct Loss/Gain		5830	4733
		Sensible Load		37029	33017
		Latent Load			5091
		TOTAL BTUH		37029	38108

Summary		
	BTUH	Tons
Total heating load	37029	
Total cooling load	38108	3.2

Room by Room

Total Heat Loss	37027	System CFM (cooling)	1600
Total Heat Gain	33016	System CFM (heating)	1600

Room name	Entry	Stairwell 1	Bathroom 1	Gym	Theater	Hall	Great Room	Kitchen	Stairwell 2	Powder
Gross wall	87.39	162.99	53.73	283.95	487.17	240.21	391.41	154.53	194.04	126.81
North windows										
NE/NW windows										
South windows				36			96			
SE/SW windows										
East windows						110	96	24	12	
West windows	60	24		80						
Skylight										
Doors						24				
Net walls	27	139	54	168	487	106	199	131	182	127
Ceiling										
Floor-crawl										
Floor-open										
Floor-slab	8.67	16.17	5.33	28.17	48.33	23.83	38.83	15.33	19.25	12.58
Infiltration	60	24	0	116	0	134	192	24	12	0
People										
Appliances	0			500	500		1200	900		
Heat loss	2378	1714	320	5283	2901	5631	8276	1663	1527	755
Sensible Heat Gain	2664	1263	83	5154	1334	5340	8079	2300	805	195
Cooling CFM	129	61	4	250	65	259	392	111	39	9
Heating CFM	103	74	14	228	125	243	358	72	66	33

Room name	Pantry	Wine Cellar	Dining Room
Gross wall	157.95	85.68	236.88
North windows			
NE/NW windows			
South windows			
SE/SW windows			
East windows			
West windows	48	12	60
Skylight			
Doors			
Net walls	110	74	177

Ceiling			
Floor-crawl			
Floor-open			
Floor-slab	15.67	8.5	23.5
Infiltration	48	12	60
People			
Appliances			
Heat loss	2427	882	3269
Sensible Heat Gain	2267	638	2894
Cooling CFM	110	31	140
Heating CFM	105	38	141

Air Ducts Sizing

Total measured length of ducts	65
Total equivalent length of fittings	32
Available static pressure for duct	.34
Friction rate	.05

Use cooling CFM
Flex ducts used

	CFM	No. outlets	Outlet CFM	Duct diam.	Air vel.
Supply trunk / branch					
First section off AHU	1600			21	667
1st reduction / branch	1200			18.8	622
2nd reduction / branch	800			16.1	564
3rd reduction / branch	400			12.4	476
4th reduction / branch	200			9.5	402
5th reduction / branch	100			7.3	340
Return trunk / branch					
First section off AHU	1600			21	667
1st reduction / branch	1200			18.8	622
2nd reduction / branch	800			16.1	564
3rd reduction / branch	400			12.4	476
4th reduction / branch	200			9.5	402
5th reduction / branch	100			7.3	340
Room runs					
Entry	129	1	129	8.1	361.7
Stairwell 1	61	1	61	6.1	301.5
Bathroom 1	4	1	4	2.2	155.5
Gym	250	2	125	8	359
Theater	65	1	65	6.2	306.2
Hall	259	2	129.5	8.1	362.1
Great Room	392	4	98	7.3	338.3
Kitchen	111	1	111	7.6	348.7
Stairwell 2	39	1	39	5.1	270.5
Powder	9	1	9	3	189.4
Pantry	110	1	110	7.6	348
Wine Cellar	31	1	31	4.7	255.8
Dining Room	140	1	140	8.3	369

Equipment selection as per Manual S

	BTUH	Nom.Tons
Total heat loss	37029	
Total heat gain	40108	3.3
Sensible heat gain	33017	
Latent heat gain	7091	
Sensible/total ratio	0.82	
Target cooling TD	19	

Design temp.	Outdoor	Indoor
Winter	34	70
Summer	95	73
ID design RH	50%, 63F WB	
Altitude		

Predominantly Cool climate

Manufacturer's Equipment Specification

Equipment	Manufacturer	Model No.	BTUH output	Clg. capacity @ OD design temp.		
				Total	Sensible	Latent
Furnace						
Boiler						
Heat pump / AC	Amana	ASZ14048		45000	35550	9450
Evaporator						
Air handler	Amana	ARUF61D14				
TOTAL CAPACITY with altitude correction			0	45000	35550	9450
Selected equipment size			OK	OK	OK	OK

Heating CFM	Cooling CFM (rec.)	Ext. static pressure of blower
1600	1701	.5

Available static pressure for duct

Blower ext. static press.	.5
coil pressure drop	
filter pressure drop	.1
register pressure drop	.03
grille pressure drop	.03
other	
Available SP for duct	0.34

Supplemental heat needed for heat pump

HP capacity @ 47F	44500
HP capacity @ 17F	28000
HP capacity @ ODDT	37350
BTUH supplemental heat	-321
KW supplemental heat	-0

EMS Heat Loss/Heat Gain Calculation

Company:	Green Engineering Solutions, Inc.
Preparer:	Misty Miller CER #1493
Phone:	904-400-0624

Customer:	Area 36 Residence 2nd FL
Address:	7387 SW Tustenuggee Ave Lake City, FL 32024
Phone:	
Date:	1/22/2021

This HVAC load calculation has been performed using sound engineering principles as prescribed by Manual J seventh and eighth abridged editions and ASHRAE Fundamentals. Duct sizing has been performed as prescribed by Manual D.

1. Design Conditions

Total conditioned area (sq.ft.)	2574		
	Indoor	**Outdoor**	**Temp. Diff.**
Winter	70	34	36
Summer	73	95	22

Front of home is facing:
West

2. How would you describe the summer humidity in your area? Very Humid 60 Grains difference

3. How tight is the house? Average-over 1500 Sq. Ft.
Winter air change / hr: 0.7 Summer air change / hr: 0.35

4. Fireplace evaluation : Number: 1 Tightness: Average 20

5. Number of occupants: 5

6. Overhang characteristics (optional)

	East	**West**	**S/SE/SW**
Distance of overhang from top of window (Ft.)			
Length of overhang			

7. Solar gain through glass

Use Manufacturer's Specs to determine HTM					
Latitude:	30	**U-value**	.35	**SHGC**	.27

Facing	Total area - Sq.Ft.	Type of glass	HTM	Linear ft.	Unshaded	Shaded	BTUH
N/Shaded	34	Trpl or low-E	13	Below OH		34	
NE/NW		-- Select --	26		0		0
South	126	Trpl or low-E	15		126	0	1890
SE/SW		-- Select --	27		0	0	0
East	260	Trpl or low-E	33		260	0	8580
West	275	Trpl or low-E	33		275	0	9075
Skylight		-- Select --					0
Total North and Shaded						34	442
Total Solar Gain							19987
Adjust for tinted or reflective window coating?				No	1		19987

8. Ducts/Pipes

Location:	Radial or spider in attic				
Attic Temp.	Insulation		Leakage		Area
95	R-6	1	sealed	1	2574

Duct gain:	0.117	Duct loss:	0.123

9. Load Calculation

Elements of Load	Insulation / R-value	Area/lin.ft.	U-value	Heat Loss	Heat Gain
Gross Wall		3019.92	Glass solar gain		19987
Glass 1	Trpl or low-E	695	0.42	8757	
Glass 2	-- Select --			0	
Skylight	-- Select --	0		0	
Doors	-- Select --			0	0
Net walls	R-19	2325	0.06	5022	3069
Ceilings	R-19	2574	0.055	5097	6371
Floors	-- Select --			0	0
Open floors	R-19	835	0.055	1653	1010
Slab floors	-- Select --			0	0
Volume of your building or zone (cu. Ft.)		23371.92		11590	3299
		People			1500
		Appliances			3700
		Sub Total		32118	38936
		Duct Loss/Gain		3950	4542
		Sensible Load		36068	43479
		Latent Load			6713
		TOTAL BTUH		36068	50191

Summary		
	BTUH	Tons
Total heating load	36068	
Total cooling load	50191	4.2

Room by Room

Total Heat Loss	36068	System CFM (cooling)	2000
Total Heat Gain	43479	System CFM (heating)	2000

Room name	Walkway	Bedroom 2	Bathroom 2	Bedroom 3	Bathroom 3	Stairwell 3	Bedroom 4	Bathroom 4	Sitting Area	Master Bedroom
Gross wall	562.96	261.05	177.79	255.78	48.40	133.20	187.68	75.64	167.25	378.36
North windows										12
NE/NW windows										
South windows	72			36						
SE/SW windows										
East windows	156	48								
West windows	27			48		18	48	10	58	66
Skylight										
Doors										
Net walls	308	213	178	172	48	115	140	66	109	300
Ceiling	551	154	65	202	41	90	180	70	142	320
Floor-crawl										
Floor-open										320
Floor-slab										
Infiltration	255	48	0	84	0	18	48	10	58	78
People		1		1			1			2
Appliances	1200	500		500			500			500
Heat loss	10356	2437	576	3627	209	1071	2317	644	2488	4716
Sensible Heat Gain	12618	3656	442	4522	185	1177	3620	712	2998	6008
Cooling CFM	580	168	20	208	8	54	167	33	138	276
Heating CFM	574	135	32	201	12	59	128	36	138	262

Room name	Master Bath	Master Closet	Stairwell 4	Laundry
Gross wall	127.12	460.08	45.4	139.20
North windows	16	6		
NE/NW windows				
South windows		18		
SE/SW windows				
East windows		20	12	24
West windows				

Skylight				
Doors				
Net walls	111	416	33	115
Ceiling	250	265	84	160
Floor-crawl				
Floor-open	250	265		
Floor-slab				
Infiltration	16	44	12	24
People				
Appliances				500
Heat loss	1907	3634	662	1424
Sensible Heat Gain	1510	3063	787	2182
Cooling CFM	69	141	36	100
Heating CFM	106	202	37	79

Air Ducts Sizing

Total measured length of ducts	65
Total equivalent length of fittings	32
Available static pressure for duct	.34
Friction rate	.05

Use cooling CFM
Flex ducts used

	CFM	No. outlets	Outlet CFM	Duct diam.	Air vel.
Supply trunk / branch					
First section off AHU	2000			22.8	704
1st reduction / branch	1600			21	667
2nd reduction / branch	1200			18.8	622
3rd reduction / branch	800			16.1	564
4th reduction / branch	400			12.4	476
5th reduction / branch	200			9.5	402
Return trunk / branch					
First section off AHU	2000			22.8	704
1st reduction / branch	1600			21	667
2nd reduction / branch	1200			18.8	622
3rd reduction / branch	800			16.1	564
4th reduction / branch	400			12.4	476
5th reduction / branch	200			9.5	402
Room runs					
Walkway	580	4	145	8.5	372.1
Bedroom 2	168	1	168	8.9	385.7
Bathroom 2	20	1	20	4	229.9
Bedroom 3	208	1	208	9.7	406.2
Bathroom 3	8	1	8	2.8	184
Stairwell 3	54	1	54	5.8	292.7
Bedroom 4	167	1	167	8.9	385.1
Bathroom 4	33	1	33	4.8	259.7
Sitting Area	138	1	138	8.3	367.7
Master Bedroom	276	2	138	8.3	367.7
Master Bath	69	1	69	6.4	310.7
Master Closet	141	1	141	8.4	369.6
Stairwell 4	36	1	36	5	265.3
Laundry	100	1	100	7.3	340

Equipment selection as per Manual S

	BTUH	Nom.Tons
Total heat loss	36068	
Total heat gain	50191	4.2
Sensible heat gain	43479	
Latent heat gain	6713	
Sensible/total ratio	0.87	
Target cooling TD	17	

Design temp.	Outdoor	Indoor
Winter	34	70
Summer	95	73
ID design RH	50%, 63F WB	
Altitude		

Predominantly Cool climate

Manufacturer's Equipment Specification

Equipment	Manufacturer	Model No.	BTUH output	Clg. capacity @ OD design temp.		
				Total	Sensible	Latent
Furnace						
Boiler						
Heat pump / AC	Amana	ASZ14060		56500	42375	14125
Evaporator						
Air handler	Amana	ASPT61D14				
TOTAL CAPACITY with altitude correction			0	56500	42375	14125
Selected equipment size			OK	OK	OK	OK

Heating CFM	Cooling CFM (rec.)	Ext. static pressure of blower
2000	2266	.5

Available static pressure for duct

Blower ext. static press.	.5
coil pressure drop	
filter pressure drop	.1
register pressure drop	.03
grille pressure drop	.03
other	
Available SP for duct	0.34

Supplemental heat needed for heat pump

HP capacity @ 47F	59000
HP capacity @ 17F	36000
HP capacity @ ODDT	49033
BTUH supplemental heat	-12965
KW supplemental heat	-4

2020 - AIR BARRIER AND INSULATION INSPECTION COMPONENT CRITERIA

TABLE 402.4.1.1
AIR BARRIER AND INSULATION INSPECTION COMPONENT CRITERIA [a]

				CHECK
Project Name:	Area 36 Residence	Builder Name:	Evanston Contracting	
Street:	7387 SW Tustenuggee Ave	Permit Office:		
City, State, Zip:	Lake City , FL , 32024	Permit Number:		
Owner:	Area 36 Residence	Jurisdiction:		
Design Location:	FL, Jacksonville			

COMPONENT	AIR BARRIER CRITERIA	INSULATION INSTALLATION CRITERIA	CHECK
General requirements	A continuous air barrier shall be installed in the building envelope. The exterior thermal envelope contains a continuous air barrier. Breaks or joints in the air barrier shall be sealed.	Air-permeable insulation shall not be used as a sealing material.	
Ceiling/attic	The air barrier in any dropped ceiling/soffit shall be aligned with the insulation and any gaps in the air barrier shall be sealed. Access openings, drop down stairs or knee wall doors to unconditioned attic spaces shall be sealed.	The insulation in any dropped ceiling/soffit shall be aligned with the air barrier.	
Walls	The junction of the foundation and sill plate shall be sealed. The junction of the top plate and the top of exterior walls shall be sealed. Knee walls shall be sealed.	Cavities within corners and headers of frame walls shall be insulated by completely filling the cavity with a material having a thermal resistance of R-3 per inch minimum. Exterior thermal envelope insulation for framed walls shall be installed in substantial contact and continuous alignment with the air barrier.	
Windows, skylights and doors	The space between window/door jambs and framing, and skylights and framing shall be sealed.		
Rim joists	Rim joists shall include the air barrier.	Rim joists shall be insulated.	
Floors (including above-garage and cantilevered floors)	The air barrier shall be installed at any exposed edge of insulation.	Floor framing cavity insulation shall be installed to maintain permanent contact with the underside of subfloor decking, or floor framing cavity insulation shall be permitted to be in contact with the top side of sheathing, or continuous insulation installed on the underside of floor framing and extends from the bottom to the top of all perimeter floor framing members.	
Crawl space walls	Exposed earth in unvented crawl spaces shall be covered with a Class I vapor retarder with overlapping joints taped.	Where provided instead of floor insulation, insulation shall be permanently attached to the crawlspace walls.	
Shafts, penetrations	Duct shafts, utility penetrations, and flue shafts opening to exterior or unconditioned space shall be sealed.		
Narrow cavities		Batts in narrow cavities shall be cut to fit, or narrow cavities shall be filled by insulation that on installation readily conforms to the available cavity spaces.	
Garage separation	Air sealing shall be provided between the garage and conditioned spaces.		
Recessed lighting	Recessed light fixtures installed in the building thermal envelope shall be sealed to the finished surface.	Recessed light fixtures installed in the building thermal envelope shall be air tight and IC rated.	
Plumbing and wiring		Batt insulation shall be cut neatly to fit around wiring and plumbing in exterior walls, or insulation that on installation readily conforms to available space shall extend behind piping and wiring.	
Shower/tub on exterior wall	The air barrier installed at exterior walls adjacent to showers and tubs shall separate them from the showers and tubs.	Exterior walls adjacent to showers and tubs shall be insulated.	
Electrical/phone box on exterior walls	The air barrier shall be installed behind electrical or communication boxes or air-sealed boxes shall be installed.		
HVAC register boots	HVAC supply and return register boots that penetrate building thermal envelope shall be sealed to the sub-floor, wall covering or		
Concealed sprinklers	When required to be sealed, concealed fire sprinklers shall only be sealed in a manner that is recommended by the manufacturer. Caulking or other adhesive sealants shall not be used to fill voids between fire sprinkler cover plates and walls or ceilings.		

a. In addition, inspection of log walls shall be in accordance with the provisions of ICC-400.

Envelope Leakage Test Report (Blower Door Test)
Residential Prescriptive, Performance or ERI Method Compliance
2020 Florida Building Code, Energy Conservation, 7th Edition

Jurisdiction:	Permit #:

Job Information

Builder: Evanston Contracting Community: Lot: NA

Address: 7387 SW Tustenuggee Ave

City: Lake City State: FL Zip: 32024

Air Leakage Test Results *Passing results must meet either the Performance, Prescriptive, or ERI Method*

○ **PRESCRIPTIVE METHOD**-The building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding 7 air changes per hour at a pressure of 0.2 inch w.g. (50 Pascals) in Climate Zones 1 and 2.

○ **PERFORMANCE or ERI METHOD**-The building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding the selected ACH(50) value, as shown on Form R405-2020 (Performance) or R406-2020 (ERI), section labeled as infiltration, sub-section ACH50.

ACH(50) specified on Form R405-2020-Energy Calc (Performance) or R406-2020 (ERI): 5.247

_____ x 60 ÷ 44762 = _____
CFM(50) Building Volume ACH(50)

☐ **PASS**

☐ When ACH(50) is less than 3, Mechanical Ventilation installation must be verified by building department.

Method for calculating building volume:
- ○ Retrieved from architectural plans
- ◍ Code software calculated
- ○ Field measured and calculated

R402.4.1.2 Testing. Testing shall be conducted in accordance with ANSI/RESNET/ICC 380 and reported at a pressure of 0.2 inch w.g. (50 Pascals). Testing shall be conducted by either individuals as defined in Section 553.993(5) or (7), *Florida Statues*.or individuals licensed as set forth in Section 489.105(3)(f), (g), or (i) or an approved third party. A written report of the results of the test shall be signed by the party conducting the test and provided to the*code official*. Testing shall be performed at any time after creation of all penetrations of the *building thermal envelope*.

During testing:
1. Exterior windows and doors, fireplace and stove doors shall be closed, but not sealed, beyond the intended weatherstripping or other infiltration control measures.
2. Dampers including exhaust, intake, makeup air, back draft and flue dampers shall be closed, but not sealed beyond intended infiltration control measures.
3. Interior doors, if installed at the time of the test, shall be open.
4. Exterior doors for continuous ventilation systems and heat recovery ventilators shall be closed and sealed.
5. Heating and cooling systems, if installed at the time of the test, shall be turned off.
6. Supply and return registers, if installed at the time of the test, shall be fully open.

Testing Company

Company Name: _____ Phone: _____

I hereby verify that the above Air Leakage results are in accordance with the 2020 7th Edition Florida Building Code Energy Conservation requirements according to the compliance method selected above.

Signature of Tester: _____ Date of Test: _____

Printed Name of Tester: _____

License/Certification #: _____ Issuing Authority: _____

FORM R405-2020

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 98

The lower the EnergyPerformance Index, the more efficient the home.

7387 SW Tustenuggee Ave, Lake City, FL, 32024

1. New construction or existing		New (From Plans)
2. Single family or multiple family		Detached
3. Number of units, if multiple family		1
4. Number of Bedrooms		4
5. Is this a worst case?		No
6. Conditioned floor area (ft²)		4696
7. Windows**	Description	Area
a. U-Factor:	Dbl, U=0.35	1353.00 ft²
SHGC:	SHGC=0.27	
b. U-Factor:	N/A	ft²
SHGC:		
c. U-Factor:	N/A	ft²
SHGC:		
d. U-Factor:	N/A	ft²
SHGC:		
Area Weighted Average Overhang Depth:		0.717 ft.
Area Weighted Average SHGC:		0.270
8. Skylights	Description	Area
a. U-Factor(AVG):	N/A	ft²
SHGC(AVG):	N/A	

9. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	2122.00 ft²
b. Floor Over Other Space	R=0.0	1739.00 ft²
c. other (see details)	R=	835.00 ft²

10. Wall Type and Insulation	Insulation	Area
a. Frame - Wood, Exterior	R=19.0	5346.20 ft²
b. Frame - Wood, Adjacent	R=19.0	374.76 ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

11. Ceiling Type and insulation level	Insulation	Area
a. Roof Deck (Unvented)	R=20.0	2574.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

12. Ducts, location & insulation level	R	ft²
a. Sup: Attic, Ret: Attic, AH: Garage	6	469.6
b. Sup: Attic, Ret: Attic, AH: Walkway	6	469.6

13. Cooling systems	kBtu/hr	Efficiency
a. Central Unit	45.0	SEER:14.00
b. Central Unit	56.5	SEER:14.00

14. Heating systems	kBtu/hr	Efficiency
a. Electric Heat Pump	44.5	HSPF:8.20
b. Electric Heat Pump	59.0	HSPF:8.20

15. Hot water systems	
a. Propane	Cap: 1 gallons
	EF: 0.82
b. Conservation features	
None	
Credits (Performance method)	CF

I certify that this home has complied with the Florida Energy Efficiency Code for Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____

*Note: This is not a Building Energy Rating. If your Index is below 70, your home may qualify for energy efficient mortgage (EEM) incentives if you obtain a Florida Energy Rating. For information about the Florida Building Code, Energy Conservation, contact the Florida Building Commission's support staff.

**Label required by Section R303.1.3 of the Florida Building Code, Energy Conservation, if not DEFAULT.