

FPUA Weatherization Educational Outreach Program (WEOP)

Presented by Eric Winterstein
Facilities Superintendent

September 20, 2016



WEOP

\$55,000 Budgeted annually beginning October 2013

2014	# Homes Completed:	8
	FPUA Cost:	\$14,033.00
	City Contribution	\$13,331.00
	Total Cost:	\$27,364.00
	Average Cost Per Home	\$3,420.50
2015	# Homes Completed	17
	FPUA Cost:	\$49,552.34
	Average Cost Per Home	\$2,914.84
2016-FPUA	# Homes Completed	7
	# Homes In Progress	2
	FPUA Cost to Date:	\$30,335.03
	Average Cost Per Home	Estimate \$3,370.56
2016-CITY	# Homes Completed	2
	# Homes In Progress	9
	FPUA Cost to Date:	\$31,148.22
	Average Cost Per Home	Estimate \$2,831.66



Doors



Doors & Permits

<u>2014</u>				
7 Homes, Total of 10 Doors				
Total Cost	\$15,481.90	or	\$2,211.70	avg. per home
10 Doors and Locksets	\$4,973.82	or	\$497.38	per door
5 Permits	\$649.00	or	\$129.80	per permit
Installation for 10 Doors	\$6,627.58	or	\$662.76	per door
<i>Miscellaneous labor (caulking, shower head, aerators, flush valve installs, stucco work, security door and bar removal and replacement)</i>	\$3,231.50	or	\$461.64	per home

Doors & Permits

<u>2015</u>				
14 Homes, Total of 32 Doors				
Total Cost	\$34,258.44	or	\$2,447.03	avg. per home
32 Doors and Locksets	\$9,174.09	or	\$286.69	per door
14 Permits	\$1,244.90	or	\$88.92	per permit
Installation for 32 Doors	\$21,137.09	or	\$660.53	per door
<i>Miscellaneous labor (caulking, shower head, aerators, flush valve install, stucco work, removal and replacement of security doors and bars)</i>	\$2,702.36	or	\$193.03	per home

Doors & Permits

2016 - FPUA				
9 Homes, Total of 21 Doors (7 complete – 2 in progress)				
Total Cost	\$24,190.49	or	\$2,687.83	avg. per home
21 Doors and Locksets	\$6,131.21	or	\$291.96	per door
5 Permits	\$800.92	or	\$160.18	per permit
Installation for 21 Doors	\$13,082.27	or	\$622.97	per door
<i>Miscellaneous labor (caulking, shower head, aerators, flush valve install, removal and replacement of security doors and bars)</i>	\$4,176.09	or	\$464.01	per home
2016 – CITY				
11 Homes, Total of 21 Doors (2 complete, 9 in progress)				
Total Cost	\$21,170.30	or	\$1,924.58	avg. per home
21 Doors and Locksets	\$ 3,445.64	or	\$164.08	per door
8 Permits (3 permits Building Dept. Review)	\$ 1,211.07	or	\$151.38	per permit
21 Installation Costs of Doors	\$12,337.50 <i>(Estimated)</i>	or	\$587.50	per door
<i>Miscellaneous labor (caulking, shower head, aerators, flush valve install, removal and replacement of security doors and bars)</i>	\$4,176.09 <i>(Estimated)</i>	or	\$379.64	per home

Windows



Replacement of Broken Window Panes

<u>2014</u>				
2 Homes, Replaced 5 Window Panes				
Total Cost of Windows	\$609.18	or	\$304.59	avg. per home
<u>2015</u>				
4 Homes, Replaced 12 Window Panes				
Total Cost of Windows	\$1,638.98	or	\$409.75	avg. per home
<u>2016 - FPUA</u>				
2 Homes, Replaced 5 Window Panes				
Total Cost of Windows	\$487.28	or	\$243.64	avg. per home
<u>2016 - CITY</u>				
4 Homes, Replaced 12 Window Panes				
Total Cost of Windows	\$1,148.31	or	\$287.08	avg. per home

Insulation



Insulation

2014				
7 Homes, Insulation Installed				
Total Cost of Insulation	\$8,388.00	or	\$1,198.29	avg. per home
Total Square Footage Insulated	12,185	or	\$0.69	per sq. foot
2015				
9 Homes, Insulation Installed				
Total Cost of Insulation	\$7,808.00	or	\$867.56	avg. per home
Total Square Footage Insulated	11,037	or	\$0.71	per sq. foot
2016 - FPUA				
4 Homes, Insulation Installed				
Total Cost of Insulation	\$3,466.00	or	\$866.50	avg. per home
Total Square Footage Insulated	7,123	or	\$.49	per sq. foot
2016 - City				
8 Homes, Insulation Installed				
Total Cost of Insulation	\$5,233.00	or	\$654.13	avg. per home
Total Square Footage Insulated	10,747	or	\$0.49	per sq. foot

HVAC



HVAC

<u>2014</u>				
6 Homes, HVAC Repairs				
Total Cost of HVAC	\$1,920.93	or	\$320.16	avg. per home
<u>2015</u>				
14 Homes, HVAC Repairs				
Total Cost of HVAC	\$4,974.51	or	\$355.32	avg. per home
<u>2016 - FPUA</u>				
5 Homes, HVAC Repairs				
Total Cost of HVAC	\$1,443.00	or	\$288.60	avg. per home
<u>2016 - City</u>				
5 Homes, HVAC Repairs				
Total Cost of HVAC	\$3,064.00	or	\$612.80	avg. per home

Electrician

<u>2014</u>				
3 Homes, Cost of Electrician	\$964.48	or	\$321.49	avg. per home
<u>2015</u>				
2 Homes, Cost of Electrician	\$872.41	or	\$436.21	avg. per home
<u>2016 – FPUA</u>				
2 Homes, Cost of Electrician	\$748.26	or	\$374.13	avg. per home
<u>2016 - City</u>				
1 Home, Cost of Electrician	\$532.61	or	\$532.61	avg. per home



Additional Benefits Besides Energy Conservation Measures

- Security of new doors and locks.
- Electrical safety issues are addressed.
- Ensure all exterior lights are working (crime deterrent).
- Better understanding of your utility bill and usage.
- Customer fills out Indiantown Non-Profit Application, receives assistance.
- St. Lucie County uses the WEOP for its Florida Green Building Coalition Recertification as a Gold County.
- Upon completion, homeowner signs release and we say **“We’ve done our part its time for you to do your part”**.

Customer Feedback

Comments: The job was well done and I am quite satisfied with their performance

Comments: They were friendly and explain my dumb questions

Additional Comments:

Everyone was amazing, thank you all for the help. It is greatly appreciated

Comments: Those guys were something else as I said I ask a lot of questions and I was sitting right there watching every thing they do. In other words observing, Thank again Guys