



Kentucky  
Housing  
Corporation

*Investing in quality housing solutions.*

# QCI Training Grant

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# Grant specifics

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- \$49,000
- From the State Energy Program
- Funded as an energy efficiency job training program
- To provide training and certification for 4 people

To “provide training and certification opportunities for inspectors to perform post-work quality control inspections on weatherization projects.”



# Project Concept

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- QCI shortage in Kentucky
- Two contract QCIs in Kentucky
- Residential Energy Efficiency training center

# Project Concept (cont.)

Kentucky has an IREC  
accredited training center



Residential Energy Efficiency

# Barriers

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It takes a long time



It costs a lot



Would have to quit their job to do it



# Time

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- Dwelling Needs Evaluator (DNE).....15 days (over 4 weeks)
- Energy Auditor.....2 weeks
- QCI.....3 days
- NEAT/MHEA.....4 days
- IDL, ASHRAE, CAZ, Zonals.....4 days
- Lead RRP.....1 day
- CPR, First Aid, Intro to WX.....1 day





## Costs

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- Course fees
- Certification exam fees
- Cost of attending training

# Costs

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- Energy Auditor
- QCI
- Dwelling Needs Evaluator
- NEAT/MHEA Software
- Lead RRP
- ASHRAE 62.2
- IDL
- CAZ
- Zonal Pressures
- Intro to WX
- First Aid
- CPR

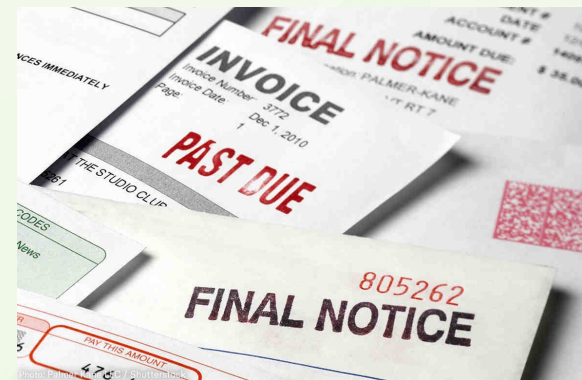
# Costs of attending training

Estimated per student cost for training as a Quality Control Inspector for the WAP					
Week	Course(s)	Calendar Days/Weeks	Lodging cost @ \$81.62/night	Per diem	Mileage
1	Leakage, Envelope & Ducts	1 day	\$ 408.10	\$ 185.00	\$ 123.00
	ASHRAE 62.2	1 day			
	Combustion Appliance Zone Safety	1 day			
	Zonal Pressure Diagnostics	1 day			
	Lead Renovator	1 day			
2	DNE week 1	4 days	\$ 326.48	\$ 148.00	\$ 123.00
3	DNE week 2	4 days	\$ 326.48	\$ 148.00	\$ 123.00
4	DNE week 3	4 days	\$ 326.48	\$ 148.00	\$ 123.00
5	DNE week 4 (NEAT/MHEA software)	5 days	\$ 408.10	\$ 185.00	\$ 123.00
6	Review and study week - on your own				
7	Energy Auditor - wk 1	5 days	\$ 408.10	\$ 185.00	\$ 123.00
8	Energy Auditor - wk 2	5 days	\$ 408.10	\$ 185.00	\$ 123.00
9	Review and study week - on your own				
10	Quality Control Inspector	3 days	\$ 244.86	\$ 111.00	\$ 123.00
11	Certification testing	2 days	\$ 81.62	\$ 51.00	\$ 123.00
<b>Totals</b>			<b>\$ 2,938.32</b>	<b>\$ 1,346.00</b>	<b>\$ 1,107.00</b>
<b>Grand total</b>					<b>\$ 5,391.32</b>

# The need for income

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- \$15.00/hour stipend
- 37.5 hours per week
- Paid weekly, including review weeks
- Total stipend payment per student is \$6,187.50



# Total Projected Costs

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- Total estimated cost per student \$11,578.82
- Additional miscellaneous fees per student \$950
- Total projected cost to train 4 = \$50,115.28
- Total estimated cost to KHC = \$15,086

# Projected Actual Cost

	Estimated	Projected Actual
Stipend	\$ 24,750.00	\$ 24,750.00
Lodging	\$ 11,753.00	\$ 8,065.00
Per diem	\$ 5,384.00	\$ 2,692.00
Mileage	\$ 4,428.00	\$ 3,887.00
Other fees	\$ 3,800.00	\$ 5,900.00
<b>Total</b>	<b>\$ 50,115.00</b>	<b>\$ 45,294.00</b>

# The Hunt for Funding

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2017 – DOE

2017 - KHC

2018 - KHC

2018 - KEEC

2019 - KEEC

# Why it got funded

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- Building Science Conference and Expo
- Priority of KY administration
- Biggest need is in eastern KY



# Challenges and lessons learned

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- Prerequisites are hard to meet
- If employed we allow stipend to employer
- We didn't restrict applicants to KY
- Need to coordinate field mentoring

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