


# CITY OF COLUMBIA, MISSOURI

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WATER AND LIGHT DEPARTMENT  
COLUMBIA TERMINAL RAILROAD

## MEMORANDUM

**TO:** Water and Light Advisory Board

**FROM:** Tad A. Johnsen, Director of Water & Light 

**Date:** August 22, 2013

**RE:** Enhanced Home Performance with Energy Star Program Update

### **Executive Summary:**

Water and Light staff recommends an additional \$100,000 for the continuation of the program – *Enhanced Home Performance with Energy Star (EHPwES)*. The program, approved in January, 2013, was a pilot program with funding that will expire in September, 2013. The program parameters, as outlined in January, would remain intact using the HPwES model including the administrative and implementation capabilities of the Central Missouri Community Action (CMCA) agencies' Weatherization Assistance Program (WAP).

### **Background:**

As of June 21<sup>st</sup>, EHPwES had allocated 71% of the \$100,000 appropriation approved in January. With the portion of the funding allocated, CMCA will be able to weatherize up to 40 homes by September, 2013, achieving the weatherization goal set forth for the pilot program.

The primary focus of this program has been on insulation and air sealing. At an estimated average cost of \$2,200 per owner occupied home and \$1,100 per rental property, EHPwES will achieve the desired energy savings impact while remaining below the original anticipated budgetary projection per home. The average cost per home weatherized is lower than the original anticipated budgetary projection of \$2,500 per home due in part to the 50% landlord contribution requirement. The program savings will allow CMCA to weatherize additional homes as demand arises. CMCA is continuing to take applications and conduct community outreach events in order to fully utilize the original appropriation by September.

### **Recommendation:**

Columbia Water and Light staff recommends continuation of *Enhanced Home Performance with Energy Star*.

## Enhanced Home Performance with Energy Star

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### Pilot Program Review

Pilot Program Anticipated Participation	100%
Anticipated Number of Homes to be Weatherized (Pilot)	40
• Anticipated Number of Owner Occupied Homes	20
• Anticipated Number of Rental Properties	20
Anticipated Number of Homes Weatherized Annually	80

Average Age of Participating House	1955
Anticipated Total Cost Per Owner Occupied Home	\$ 2,200.00
Anticipated Total Cost Per Rental Property	\$ 1,100.00

Anticipated Pilot Program Fiscal Impact	\$ 100,000
Anticipated Annual Fiscal Impact	\$ 200,000