

KANSAS CITY POWER & LIGHT COMPANY

(Name of Issuing Utility)

Replacing Schedule _____ Sheet _____

Rate Areas No. 2 & 4

(Territory to which schedule is applicable)

which was filed _____

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 3 Sheets

**COOL HOMES PROGRAM
Schedule CHP**

07-KCPE-909-T&R

Approved

Kansas Corporation Commission

July 12, 2007

/s/ Susan K. Duffy

PURPOSE:

The Cool Homes Program (CHP or Program) is designed to encourage residential Customers to:

- Have working, central cooling systems evaluated and, if feasible, brought back to factory specifications (re-commissioned), or
- Replace less efficient, working central cooling systems with high efficiency central cooling systems.

The intent of Kansas City Power & Light Company to offer this Program was set forth in Appendix B, described in the "Energy Efficiency" section, of the Stipulation and Agreement approved by the Kansas Corporation Commission in Docket No. 04-KCPE-1025-GIE.

DEFINITIONS:

CheckMe!® - A testing process developed by Proctor Engineering Group, Ltd. used to properly evaluate air conditioning system performance.

EER - *Energy Efficiency Ratio*, the efficiency rating for the air conditioner or heat pump at a particular pair of external and internal temperatures. Calculated by dividing the amount of cooling put out by an air conditioning system, in British thermal units (Btu), divided by the amount of energy put in to it in watts (W). If the air conditioning capacity of a heat pump is 48,000 Btu and the compressor, fan and pumps consume 3.43 kW (3,430 watts), the EER is: 48,000 / 3,430 = 14.0.

HVAC - Heating, Ventilation, and Air Conditioning

Program Administrator - The Program will be implemented by a third-party vendor specializing in programs of this type.

CHP HVAC Contractor - A properly licensed HVAC contractor who requests to participate in the Cool Homes Program and completes training courses conducted by the Program Administrator.

SEER - *Seasonal Energy Efficiency Ratio*, the efficiency rating for the air conditioner or heat pump over a range of expected external temperatures (i.e., the temperature distribution for the geographical location for the SEER test). SEER rating is the Btu of cooling output during a simulated, typical cooling season divided by the total electric energy input in watt-hours during the same period. The relationship between SEER and EER is relative because equipment performance is dependent on seasonal temperature, humidity, and air pressure patterns.

AVAILABILITY:

This Program is available to any current Customer with a working, central home cooling system receiving service under any generally available residential rate schedule.

Issued:	June 15, 2007 Month Day Year
Effective:	JUL 12 2007 Month Day Year
By:	Kevin Bryant Vice President Title

FILED
THE STATE CORPORATION COMMISSION OF KANSAS
By: _____ Secretary

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**COOL HOMES PROGRAM
Schedule CHP**

07-KCPC-909-TAR
(Continued)
APPROVED

Kansas Corporation Commission
July 12, 2007
/s/ Susan K. Duffy

PROGRAM PROCESS:

Prospective Customer participants will be identified in three ways:

- Customer electric usage data will be evaluated to identify Customers with a high probability of operating less efficient central air conditioning equipment.
- Participating CHP HVAC Contractors may identify existing Customers within the Company service area that are suitable for the Program.
- Customers interested in the Program, but not identified through the above means may contact a participating CHP HVAC Contractor or the Company directly. A listing of CHP HVAC Contractors will be posted on the Company website.

The following general process will be followed to serve Customers in the Program:

- The Program Administrator will assign participating Customers to a CHP HVAC Contractor for service.
- The CHP HVAC Contractor will evaluate the Customer's cooling system using CheckME!™.
- Customers with working equipment that can be re-commissioned to operate above an EER rating of 8.0 will be offered an opportunity to return the equipment as close as possible to manufacturer specifications at no cost to the customer. Re-commissioning efforts will be limited to refrigerant charge, non-ductwork air flow system adjustments, and basic filters.
- All participating Customers will receive a cost estimate for replacement of their system with a higher efficiency system. The Customer will be responsible for the cost of the replacement equipment. (Estimates for higher efficiency systems will include the applicable incentives.)
- The Customer may choose not to re-commission or replace their equipment.
- Four Compact Florescent Lights will be given to all Customers completing the initial CheckME!™ process regardless of their equipment choices.
- Where work is performed, a second CheckME!™ evaluation will be completed to verify the re-commissioning modifications or ensure the quality installation of new equipment.
- Incentives are provided to Customers through the CHP HVAC Contractors to help offset equipment costs and provide for quality installation practices.

PROGRAM ADMINISTRATION:

The CHP Program will be implemented by the Program Administrator. The Program Administrator will be responsible for market research, marketing, training, incentive processing, and status reporting associated with the Program. The Company will maintain oversight of the Program through monthly, quarterly, and yearly status reports and meetings with the Administrator.

The Program Administrator will identify and contact HVAC Contractors associated with national brand networks or industry associations to recruit CHP HVAC Contractors. Other HVAC Contractors wishing to become CHP HVAC Contractors may contact the Company directly for consideration. Prospective Contractors will be required to complete training courses conducted by the Program Administrator.

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Sheet 3 of 3 Sheets

COOL HOMES PROGRAM
Schedule CHP

(Continued)

PROGRAM COST:

Program related services and incentives will be paid to the CHP HVAC Contractor by the Program Administrator who will then bill the Company on a per unit basis. Unit pricing is defined in agreements with the Program Vendor. Incentive amounts of \$650 per unit for installation of SEER 14.0 or SEER 15.0 rated equipment and \$850 per unit for installation of SEER 16.0 or above rated equipment will be paid to the HVAC contractor. The CHP HVAC Contractor will pass the equipment incentive to the Customer in the form of an itemized credit on the transaction documents. Similarly, if re-conditioning is feasible the entire cost will be paid by the Company through the Program Administrator to the CHP HVAC Contractor.

The total expenditure for each year of the Program is estimated to be:

	2007	2008	2009	2010	2011	Total
Program	\$1,805,746	\$1,856,768	\$1,984,321	\$1,963,451	\$2,019,205	\$9,629,491
KS (48.5%)	\$875,787	\$ 900,532	\$962,396	\$952,274	\$979,314	\$4,670,303

Program expenditures are not to exceed a maximum of \$9,629,491 over the 5-year pilot program timeframe. Payments will be provided until budgeted funds are expended for the year. To the extent there are excess funds for a given year, the amount of excess shall be "rolled over" to be utilized for the Program in the succeeding year.

TERM OF PROGRAM:

The term of this Program Administrator will be five years from the effective date of the CHP tariff sheets, pursuant to the terms defined in agreements with the Program Administrator. The Company reserves the right to modify or terminate this Program at any time, subject to Commission Approval

EVALUATION:

Program evaluation will be conducted by a third party and will include random on-site inspections, engineering analysis, and process and impact analysis. Spot metering and run-time data will also be collected to verify the connected load and full load hour estimates in the engineering analysis along with pre-post billing analysis. The evaluation will also include a non-participant group. Upon CHP approval, a detailed evaluation plan will be developed.

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