

# PCRA Energy Conservation Awards –2006

To honour the efforts and contribution of **Energy Auditors & Energy Service Companies (ESCOs)** in promoting conservation of petroleum products through energy efficient practices in the industrial sector, PCRA invites entries for the following awards:

## (A) AWARDS

Best Energy Auditors Awards	1 <sup>st</sup> Prize	Trophy & Certificate
Best ESCO Award	1 <sup>st</sup> Prize	Trophy & Certificate

## (B) ELIGIBILITY

- The scheme is open to all Energy Auditors Empanelled with State Government and Central/State Agencies such as PCRA, BEE, NPC, PEDDA, MEDA, GEDA etc.
- The Auditors should have a minimum experience of three years in the field of energy audit.
- The Auditors should have conducted Audits for companies outside their own.

## (C) HOW TO PARTICIPATE

Interested applicants as per eligibility criteria are invited to apply for Awards in the prescribed format as given below. The entries will be evaluated by a committee and the winners will be intimated accordingly.

**Last Date for receipt of entries is 30.11.2006.**

## (D) APPLICATION FORMAT

- Name & Address of the company:
- Empanelled as Energy Auditor with:
- Turnover of the company –total as well as from energy auditing activity during last 3 years, year wise:
- Number of Energy Audits conducted in last 3 years (Detailed and Preliminary audits to be mentioned separately):

- Number of full time employees engaged in energy audit along with their qualification and experience :
- Total energy consumed by the audited industry, total savings identified through energy audits & total savings realized in the last 3 years, year wise (**Please use Format-(i)**):
- Energy audit instruments available (**Please use Format-(ii)**):
- Details of the projects financed as ESCO, if applicable (**Please use Format-(iii)**):
- Executive summary of recommendations of the 3 best energy audits conducted in the year 2005-06:

## (E) Guidelines & rules

- No entry fee. Please send all entries in typed format.
- In all matters of dispute the decision of ED, PCRA New Delhi will be final & binding.
- Award will be distributed during the Oil & Gas Conservation Fortnight Valedictory Function to be held in the month of January 2007.
- All entries should be super scribed with the words Application for Awards for “Best Energy Auditors & Best Energy Service Companies” and addressed to:  
**Add Director (Field Activities)**  
Sanrakshan Bhavan, 10, Bhikaji Cama Place.  
New Delhi –110066.

### Format-(i) : Details of energy consumed, savings identified & savings realized in the last three years\*(2003-04, 04-05,05-06)

Year	Sl No	Industry Audited with The address	Type of Industry	Energy Audit Details	Type of Energy***												
					Electricity		Coal		F. Oil		HSD		GAS		Other		Total
					KWH	MT	Ton	MT	KL	MT	KL	MT	M <sup>3</sup>	MT	MT	MT	MT
03-04				Energy Consumed													
04-05				Savings Identified													
05-06				Savings realised													

### Format-(ii) : Details of Instrument available

Sl. No.	Instruments used	Utility	Manufacturer/ Supplier & Model	Year of Purchase	Approximate Cost (Rs)
	A. Thermal				
	B. Electrical				

### Format-(iii) :Details of projects financed as ESCO

(if applicable) in last three year (2003-04, 04-05,05-06)

Year	Industry	Project	Project Cost	Nature of Contract	Finance Structure	Project Status as on date of application
03-04						
04-05						
05-06						

**\*\*Type of Industries-** Iron & Steel, Glass, Pulp & Paper, Textiles, Fertilizers, Chemicals, Refractories, Refineries, Miscellaneous.

**\*\*\*Conversion Factors for the purpose of calculation** –KWH- 859.845 kilocalories (Kcal) # 1 KG hard coal- 5000Kcal # 1 Kg charcoal-6,900 Kcal, #1 KG F.Oil-10,200 kcal (density=0.9337kg/1) #1KG HSD-11,840 kcal (density-0.8263kg/1) #1 KG Petrol –11,200 kcal (density-0.7087kg/1) # 1 KG Kerosene-11,110 kcal (density=0.7782 kg/1) # 1 M<sup>3</sup> Natural Gas-9500 kcal.

Note : 1 KG Oil Equivalent –10,000 kcal # 1 Ton Oil Equivalent (MT) –10X10<sup>6</sup> kcal # specify any other conversion rate if applicable.

**PETROLEUM CONSERVATION RESEARCH ASSOCIATION**  
‘Sanrakshan Bhavan’

10, Bhikaji Cama Place, New Delhi –110066  
Phone : 26198809, 26198856, Fax : 26109668

E-mail : [pcra@pcra.org](mailto:pcra@pcra.org)

Visit us at : <http://www.prca.org>

## PCRA Energy Conservation Awards –2006

*To honour the efforts and contribution of **Energy Auditors & Energy Service Companies (ESCOs)** in promoting conservation of petroleum products through energy efficient practices in the industrial sector, PCRA invites entries for the following awards:*

### (A) AWARDS

Best Energy Auditors Awards	1 <sup>st</sup> Prize	Trophy & Certificate
Best ESCO Award	1 <sup>st</sup> Prize	Trophy & Certificate

### (B) ELIGIBILITY

- The scheme is open to all Energy Auditors Empanelled with State Government and Central/State Agencies such as PCRA, BEE, NPC, PEDDA, MEDA, GEDA etc.
- The Auditors should have a minimum experience of three years in the field of energy audit.
- The Auditors should have conducted Audits for companies outside their own.

### (C) HOW TO PARTICIPATE

Interested applicants as per eligibility criteria are invited to apply for Awards in the prescribed format as given below. The entries will be evaluated by a committee and the winners will be intimated accordingly. **Last Date for receipt of entries is 30.11.06.**

### (D) APPLICATION FORMAT

10. Name & Address of the company:.....

11. Empanelled as Energy Auditor with:.....

12. Turnover of the company –total as well as from energy auditing activity during last 3 years, year wise

Year	Turnover from Energy audits (Rs. in Lacs)	Total Turnover of your organization (Rs. In Lacs)
2003-04		
2004-05		
2005-06		

13. Number of Energy Audits conducted in last 3 years (Detailed and Preliminary audits to be mentioned separately)

Year	Detailed Audits	Preliminary audits
2003-04		
2004-05		
2005-06		

14. Number of full time employees engaged in energy audit along with their qualification and experience :.....

15. Total energy consumed by the audited industry, total savings identified through energy audits & total savings realized in the last 3 years, year wise (**Please use Format-(i)**)

16. Energy audit instruments available (**Please use Format-(ii)**)
17. Details of the projects financed as ESCO, if applicable (**Please use Format-(iii)**)
18. Executive summary of recommendations of the 3 best energy audits conducted in the year 2005-06

**(E) Guidelines & rules**

- No entry fee. Please send all entries in typed format.
- In all matters of dispute the decision of ED, PCRA New Delhi will be final & binding.
- Award will be distributed during the Oil & Gas Conservation Fortnight Valedictory Function to be held in the month of January 2007.
- All entries should be super scribed with the words Application for Awards for “**Best Energy Auditors & Best Energy Service Companies**” and addressed to:

**Additional Director (Field Activities)**  
 Petroleum Conservation Research Association  
 Sanrakshan Bhavan,  
 10, Bhikaji Cama Place.  
 New Delhi –110066.  
 Tel: 26108121  
 Email: [mandanbb@pcra.org](mailto:mandanbb@pcra.org)

**Format-(i) : Details of energy consumed, savings identified & savings realized in the last three years\*(2003-04, 04-05, 05-06)**

Year	SI No	Industry Audited with The address	Type of Industry	Energy Audit details	Type of Energy***												
					Electricity		Coal		F. Oil		HSD		GAS		Other		Total
					KWH	MT	Ton	MT	KL	MT	KL	MT	M <sup>3</sup>	MT	MT	MT	MT
2002-03				Energy Consumed													
				Savings Identified													
				Savings realised													

**Format-(ii) : Details of Instrument available**

Sl. No.	Instruments used	Utility	Manufacturer/ Supplier & Model	Year of Purchase	Approximate Cost (Rs)
	A. Thermal				
	B. Electrical				

**\*\*Type of Industries-** Iron & Steel, Glass, Pulp & Paper, Textiles, Fertilizers, Chemicals, Refractories, Refineries, Miscellaneous.

**\*\*\*Conversion Factors for the purpose of calculation** –KWH-859.845 kilocalories (Kcal) # 1 KG hard coal- 5000Kcal # 1 Kg charcoal-6,900 Kcal, #1 KG F.Oil-10,200 kcal (density=0.9337kg/1) #1KG HSD-11,840 kcal (density-0.8263kg/1) #1 KG Petrol –11,200 kcal (density-0.7087kg/1) # 1 KG Kerosene-11,110 kcal (density=0.7782 kg/1) # 1 M<sup>3</sup> Natural Gas-9500 kcal.

**Note :** 1 KG Oil Equivalent –10,000 kcal # 1 Ton Oil Equivalent (MT) –10X10<sup>6</sup> kcal # specify any other conversion rate if applicable.

**Format-(iii) :Details of projects financed as ESCO (if applicable) in last three years (2003-04, 04-05, 05-06)**

<b>Year</b>	<b>Industry</b>	<b>Project</b>	<b>Project Cost</b>	<b>Nature of Contract</b>	<b>Finance Structure</b>	<b>Project Status as on date of application</b>
2003-04						
2004-05						
2005-06						

**PETROLEUM CONSERVATION RESEARCH ASSOCIATION**

'Sanrakshan Bhavan'

10, Bhikaji Cama Place, New Delhi –110066

Phone : 26198809, 26198856, Fax : 26109668

E-mail : [pcra@pcra.org](mailto:pcra@pcra.org)

Visit us at : <http://www.prca.org>