

PCRA Energy Conservation Awards –2005

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 st Prize	Trophy & Certificate
	2 nd Prize	Trophy & Certificate
	Best Performance Improvement Award	Trophy & Certificate
Best ESCO Award	Prize	Trophy & Certificate

(B) ELIGIBILITY

- The scheme is open to all Energy Auditors Empanelled with State Government and Central/State Agencies such as PCRA, NPC, PEDA, 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 15.09.05.

(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 2004-05:

(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 2006.
- All entries should be super scribed with the words Application for Awards for “Best Energy Auditors & Best Energy Service Companies” and addressed to:
Joint 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*(2002-03, 03-04, 04-05)

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

Format-(ii) : Details of Instrument used

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 (2002-03, 03-04, 04-05)

Year	Industry	Project	Project Cost	Nature of Contract	Finance Structure	Project Status as on 20.07.05
02-03						
03-04						
04-05						

****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 M³ Natural Gas-9500 kcal.

Note : 1 KG Oil Equivalent –10,000 kcal # 1 Ton Oil Equivalent (MT) –10X10⁶ kcal # specify any other conversion rate if applicable.

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