

Walk-Through Energy Audit (2021-22)

Description: This scheme is applicable for Micro, Small and Medium industries having electrical contract demand between 50 KW/KVA/HP to 200 kW/KVA/HP. A Walk-Through Energy Audit (WTEA) is a simple visual investigative audit and table-top survey of the Energy Bills of the manufacturing facility. In this scheme, GEDA deployed qualified Energy Audit Consultant for carrying out walk through audits in MSMEs and submit Energy Audit Reports with recommendations for saving energy in the audited MSME units. The WTEA report would comprise of the submission of the energy Consumption pattern of the work place and suggestions for Energy Conservation. The WTEA would also point out good 'House Keeping' practices relevant to the industry being audited.

This WTEA is carried out for free of charge by GEDA approved consultant in beneficiary Industries.

Scheme Objectives: The objective of scheme is to popularize the concept of energy conservation and Energy management in the Micro, Small and Medium industries sector. The target is to carry out 200 walk-through energy audits for FY 2021-22 in MSMEs clusters

Eligibility Criteria:

All MSMEs units having electrical contract demand between 50 KW/KVA/HP to 200 kW/KVA/HP are eligible for the scheme for conducting WTEA by GEDA empanelled Energy Audit Consultants (EAC).

Scheme Details (Financial Parameters): GEDA will pay Rs. 6,000 + 18% GST per Walk-Through Energy Audit (WTEA) to the GEDA empanelled Energy Audit Consultant against submission of the WTEA report duly signed by Certified GEDA empanelled Energy Audit Consultant and attested by a representative of the audited industry.

Procedure to Avail the Scheme:

- The WTEA scheme will be announced on GEDA's website. Also it would be promoted by GEDA empanelled Energy Audit Consultants.
- Interested MSME units are invited to register their names for free of cost with GEDA empanelled Energy Audit Consultants, as per the list of EAC is given at GEDA website (or) Interested GEDA empanelled Energy Audit Consultants can contact to interested MSME units and submit dully filled in EOI form (Annexure-1) to GEDA for approval.
- Registration is done on first-come-first-served basis. After evaluating the submitted EOI, GEDA will issue approval letters to concerned GEDA empanelled Energy Audit Consultant (EAC) for carrying out Walkthrough energy audits. The MSME unit shall share relevant information pertaining to energy consumption and production with the Energy Audit Consultant.
- The Energy Audit Consultants will submit energy audit reports with recommendations for saving energy in the audited MSME units. The EAC will provide a list of technology options and a list of vendors for procuring Energy Efficiency technologies to help MSME in procurement and Energy Conservation (EC) implementation process.

Scope of work:

The GEDA empanelled Energy Audit Consultant (EAC) shall: -

- GEDA empanelled Energy Audit consultant have to identify the Interested MSME units of particular cluster and submit EOI to GEDA for approval.
- After receiving the approval from GEDA, EAC can initiate Walk-Through Energy Audit (WTEA) in the industry.
- The EAC has to choose the specific cluster and conduct minimum 10 Nos. and maximum 20 Nos. of Units/Industries of the same cluster.
- Each EAC can submit maximum 40 applications for conducting Walk Through Energy Audit.
- The EAC has to collect electricity bills of 12 months and analyse it, technology used and derive specific energy consumption per product.
- The EAC has to study and examine the existing energy uses of the facility with break up.
- The EAC has to recommend all short term and long term energy measures in the report.
- The EAC has to recommend measures to reduce energy consumption and improve energy efficiency.
- The EAC has to give brief description of each recommendation measure.
- The EAC after completion of the study has to submit one copy of report to audited Industry and one copy to GEDA.
- The EAC has to conduct Post Audit meeting in the cluster with all beneficiary industry, under information of GEDA at association hall/ suitable place in presence of GEDA officials, Local Industrial Association and have to call potential vendor for show casing /presenting the EE products.

Payment Terms and Condition:

- GEDA will release 100% payment against submission of the WTEA report duly signed by Certified GEDA Empanelled Energy Audit Consultant and attested by a representative of the audited industry, mandate form (Account/s Information form) and claim letter on completion of the assignment to GEDA.
- Payment will be released to the consultant, only after GEDA is satisfied with the work done by the consultant as per the scope of work and the submitted Walk-through Energy Audit reports of beneficiary Industries.

Note: -

- **All applications for WTEA are to be submitted on or before 31st January, 2022. Any application received after above date will not be accepted.**
- **Consultants are requested not to follow-up on the phone call for approval (or) change of dates (or) any other work related to this programme. They can communicate by sending letter to GEDA (or) by Email on ec@geda.org.in.**

Annexure-1**(EOI Form)**

To,
Director,
Gujarat Energy Development Agency,
Udhyog Bhavan, Block No: 11/12,
4th floor, Sector-11,
Gandhinagar - 382017

Expression of interest for Walk-Through Energy Audit (2021-22)

Name of the Unit	:	
Cluster Type	:	
Contact Address	:	
Name of the Plant Head, Mobile No. & Email	:	
Name ,Mobile No. & Email of Contact Person	:	
Electrical Contract Demand (KW/KVA/HP)	:	
Tentative Date to conduct WTEA	:	
Name of the Consultant	:	
Consultant Contact No & Email Id.	:	

We hereby give our consent for making all essential arrangement for conducting the WTEA.

Date: _____

(Plant Head Signature & Seal)