

INFORMATION OF FIRM

1.	Name & address of the firm	Enzen Global Solutions Private Limited #90,Hosur Road, Madiwala Bangalore- 560 068
	Office(with STD)	+91-80-67123002
	Mobile	+91 9379185120
	Fax number	+91-80-67123003
2.	Website (if any)	www.enzenglobal.com
3.	Email address	m a n i s h . a s i j a @ e n z e n g l o b a l . c o m
4.	Name ,Designation and address of Contact person	Mr. Manish Asija-AGM-Special Projects
5.	Office(with STD)	+91-80-67123002
	Residence(with STD)	+91-80-67123013
	Mobile	+91 09379185120
6.	Email address	m a n i s h . a s i j a @ e n z e n g l o b a l . c o m
7.	Year of establishment	2006
8.	Year of commencement of energy audit by the firm.	2006
9.	No. of branch offices (List of complete addresses including heads of all branch offices with telephone, fax and email addresses)	8 (names mentioned below)

OUR OFFICES:

Enzen's office location in India

Mr. Satheesh Kumar Chairman and Managing Director

Corporate Office – Bangalore

No. 90, Hosur Road,
Madivala, Bangalore – 560068
Karnataka

Regional Office – Bhubaneswar

Fortune Tower,
5th Floor, Block A,
Near Xavier Square, Chandrasekharpur,
Bhubaneswar – 751013, Orissa

Regional Office – Noida

2415, Fourth Floor, Tower-A
TheCorrenthum, A-41, Sector-62
Near Fortis Hospital
Noida – 201301
Uttar Pradesh

Regional Office – Chennai

Module 33A, 3rd Floor
ELNET Software City, TS 140, Block 2 & 9
Rajiv Gandhi Salai, Taramani
Chennai - 600 113
Tamil Nadu
Phone: +91 44 4510 2425 / 26

Regional Office – Hisar

Santro Enclave,
Opposite Vidyut Nagar,
Delhi Road,
Hisar, Haryana

International location

Solihull - UK

Blythe Valley Innovation Centre,
Central Boulevard,
Solihull – B90 8AJ
United Kingdom

Cardiff - UK

Cardiff Gate Business Park
Malthouse Avenue
Cardiff Gate Business Park
Cardiff CF23 8RU
United Kingdom


Solihull - UK

Rhodium Building, 1st Floor
Central Boulevard,
Blythe Valley Park, Solihull,
West Midlands – B90 8AS
United Kingdom

Details of Associated Energy Experts and Audits Conducted by firm			
1.	Number of resource persons available	7	
2.	Number of full-time energy auditors in position, with work experience of all energy auditors associated with the firm	2 Full time Energy Auditors	
3.	No. of part-time energy auditors in position during the current year / previous year associated with the firm.	5 [MOU with Partners]	
4.	Sectors in which the energy audit firm has conducted energy audits since inception and number of audits in each sector	Buildings(1),Steel Industries(2),Water Supply and Sewerage Board (1),Country Councils (1), Chemical Industry (1), Commercial Establishments (1),Power Distribution Companies (4), Thermal Power Stations(3) Bricks & Ceramics (1)	
5.	Energy audit process system (list sectors) - If no energy audit has been carried out of the process system and parameters, please list nil.	Steel Industries(2), Chemical Industry (1)	
6.	Energy audit of thermal utility system (list sectors)	Thermal Power Stations (3)	
7.	Energy audit of electrical utility system (list sectors)	Energy Audit of Power Distribution Companies	
8.	Instruments available	(a) Electrical (list the name of the instruments)	<ul style="list-style-type: none"> • Electrical Power Analyzer (With Data Logging) • Instant Electrical Power • Lux Meter
		(b) Thermal (list the name of the instruments)	<ul style="list-style-type: none"> • Thermal Comfort Meter • Flow Meter • Intrusive Temperature • Air Flow Meter • Temperature Data Logger • Logger Flue Gas

Carried out Training/Workshop for More Than 30 Certified Energy Auditors of a reputed Power Sector Company.

Topic Covered: Energy Audit Best Practice in Different Process Industries

*Biodata of Certified Energy Auditor			
1.	Name of energy auditor	Nilesh Sawant	
2.	Qualifications.	M.Tech Energy Systems Engineering	
3.	Experience. (use additional sheet if required)	Please refer Employment Record	
4.	Residence(with STD)	Please Refer Information of the Firm	
5.	Mobile		
6.	Email address		
7.	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	3 rd April 2009	
8.	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	October 2009	
9.	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems" (In case of Certified Energy Auditor, please write CEA Registration No.)	EA-0701	
10.	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA-0701	
Remarks(if any)--Nil			

Employment Record			
1.	Date	From: November 2008	To: Till date
	Location	Bangalore	
	Company	Enzen Global Solutions Private Limited	
	Position	Senior Business Consultant – Clean Energy and Environment Practice	
	Description	Energy Audit of various industrial sector, commercial buildings etc Consultancy for identification of energy efficiency measures, Fuel Efficiency measure Techno-economic analysis, Performance evaluation of Utilities, Implementation of Energy Cost Reduction Measures (ECRMs) on ESCO Model, Measurement and Verification of ECRMs, Development of Energy Management Software, Climate Change, Demand Side Management	

2.	Date	From: April 2007	To: August 2008
	Location	India	
	Company	Conzerv Systems Private Limited	
	Position	Senior Consultant	
	Description	Fuel audit for Generation Plants , Energy Audit of various industrial sector, commercial buildings etc. Training to industry people on Fuel audit , Energy Management and conservation, Measurement and Verification of ECRMs	
3.	Date	From: June 2006	To: March 2007
	Location	United Kingdom	
	Company	Mckinnon and Clarke Ltd (UK)	
	Position	Senior Energy Consultant	
	Description	Identification of Energy conservation measures, Execution of Profit sharing model for UK Industries and Commercial buildings	
4.	Date	From: February 2003	To: May 2006
	Location	India	
	Company	Urja Consultancy Services	
	Position	Energy Consultant	
	Description	Electrical and Thermal Energy Audit, Energy Data Management Services, Demand Side Management	

***Biodata of Certified Energy Auditor**

1.	Name of energy auditor	Prakash Magal	
2.	Qualifications.	MBA (Post Graduate Diploma in Business Administration)	
3.	Experience. (use additional sheet if required)	Please refer Employment Record	
4.	Residence(with STD)	Please Refer Information of the Firm	
5.	Mobile		
6.	Email address		
7.	Date of certification as Energy Manager or Energy Auditor (pl specify) by Bureau of Energy Efficiency (BEE) (if not appeared list as nil	1 st Feb 2012	
8.	Date of passing the examination in "Energy Performance Assessment for Equipment and Utility Systems"	October 2011	
9.	Examination Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems" (In case of Certified Energy Auditor, please write CEA Registration No.)	EA-12265	
10.	Certificate Registration Number of (i) Energy Manager (ii) "Energy Performance Assessment for Equipment and Utility Systems"	EA-12265	
Remarks(if any)—Nil			

Employment Record

1	Date	From: July 2011	To: Till Date
	Location	Bangalore	
	Company	Enzen Global Solutions Private Limited	
	Position	Principal Consultant – Power and Renewable Projects	
	Description	Preparation of Business Plan, Developing business network, Vendor Management, Identifying new business area	
2	Date	From: 1995	To: 2011
	Location	Bangalore	
	Company	TATA BP Solar India Ltd.	
	Position	Marketing Manager	
	Description	<ul style="list-style-type: none"> • Business development of grid- connect and stand-alone Solar Photovoltaic power generating systems. • Preparation of detailed project reports (DPRs) for loan application to IREDA/MNES for subsidy and concessional rate of interest. • Liaison with state electricity boards, state energy nodal agencies, financial institutions etc. • Study of market potential for BP Solar's PV trough based concentrator cells (Atlas) for large power projects. • Preparation of Detailed Project Report for <ul style="list-style-type: none"> a) Tata Power- 110 kW. b) M.P.U.V.N.(M.P. Urja Vikas Nigam): 100 kW c) NEDA(UP energy dev. Corporation): 50 kW d) Auroville Ashram-Pondicherry-36.5 kW e) K.P.C.L.: 100 kW 	
3	Date	From: 1994	To: 1995
	Location	Bangalore	
	Company	Intesco - Bhoruka Ltd	
	Position	Manager	
	Description	<ul style="list-style-type: none"> • Heading the Fuel and Energy audit team. • Business Development of energy services projects on 'ESCO' basis. • Working out techno-commercial analysis for energy conserving projects and implement them on unique "Performance Shared Energy Saving" concept. • Identifying the reasons for inefficiency in fuel utilization. • Projects executed – <ul style="list-style-type: none"> Bhoruka Steel Ltd., for improved power and fuel system with funding from USAID Bombay Dyeing Mills, Bombay for improved compressed air systems 	
4	Date	From: 1989	To: 1994
	Location	Bangalore	
	Company	TATA Energy Research Institute	
	Position	Fellowship	
	Description	<ul style="list-style-type: none"> • Worked for the India-EEC Energy Bus programme for carrying out energy audit and Fuel audit for industries • Trained in energy auditing under the experts from NIFES, U.K. • Carried our fuel audit in more than 7 generating stations . • Carried out energy audits in more than 25 wide ranging process industries. • Preparing recommendations and their techno-economic analysis. • Also involved in conducting training programmes in principles of energy auditing and management as faculty and programme manager. <p>Areas of specialization: Steam systems, compressed air, electric motors, and diesel generators , etc.</p>	

5	Date	From: 1986	To: 1989
	Location	Bangalore	
	Company	Independent Energy Consultant	
	Position	Consultant	
	Description	<p>Some of the assignments in energy audit, fuel audit and Energy/Fuel efficiency improvement :</p> <ul style="list-style-type: none"> • GVK Industries Ltd., Hyderabad: Preparation of 1 MW grid connect solar power plant in Rajasthan. • I.T.C. LTD., Mungher: Design of new steam lines and condensate recovery system for efficient operations at India's first absorption air conditioning system. • I.T.C. LTD., Peenya, and Bangalore: Trouble shooting at their newly installed R & D centre using steam for tobacco processing. Due to mismatch between the demand and supply (installed capacity) steam was not available at the required pressure and temperature. After a detailed study and by carrying out trials, exact steam requirements were ascertained and recommendations given. On implementation the problem was satisfactorily solved. • Vulcanising Fibres Ltd., Bangalore. Design of new steam and condensate lines. The company manufactures insulation paper for electrical industry. • Phosphate Plasticizers Ltd., Bangalore: Steam efficiency improvement study for a plant manufacturing Calcium Phosphate. Recommendations included better boiler operating practices, better steam utilisation and condensate recovery. • Pariwal Textiles, Panipat: Steam efficiency improvement & condensate recovery study of a textile mill. • Indian Inst. Of Science, Bangalore: Trouble shooting and rectification of 7,500X2 LPD solar water heating by revamping the entire system, decentralizing etc. 	
6	Date	From: 1979	To: 1986
	Location	Pune and Bangalore	
	Company	J.N. Marshall Ltd	
	Position	Executive	
	Description	<p>Attached to fuel efficiency division</p> <ul style="list-style-type: none"> • Job involved carrying out fuel efficiency surveys in steam consuming plants. • Recommending improvements in the steam generation, distribution and utilisation • Survey carried out in several industries like textiles, food processing, chemicals, plywood and other industries using steam for process heating. Carried out surveys in more than 30 industries. • Projects implemented: 13+ 	

I hereby state that information furnished above is true and correct to the best of my knowledge.

Place: Bangalore

Date: 6-Apr-12

Signature:

Name: Manish Asija

Designation: AGM-Special Projects

