



INTRODUCTORY PROFILE – VSL PRAYAG GROUP
ENERGY RE-ENGINEERING & ENERGY SERVICES COMPANY

Regd office: 9 / 35, Samanthi Street, Brindavan Nagar, (Behind Koyambedu Market Complex), Chennai – 600092, TAMILNADU,
Works & Branch Off: 23&24, Shiv Industrial Estate, Jashoda Nagar Cross Road, NH – 8, Ahmedabad 380026, GUJARAT
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OVER VIEW & INTRODUCTION OF VSLPRAYAG GROUP

VSL PRAYAG ENERGY SYSTEMS & SERVICES (VSLPRAYAG), the flagship & Energy Re-Engineering Technology arm of VSLPRAYAG Group, consisting of **M/s. SAMARTH AIRTECH & M/s. ANALA PUMPS (S J INDUSTRIES)** has been serving the Indian industry since 28 years. SAMARTH is involved in Manufacturing of Energy Efficient HVAC Systems & Energy Saving Products for various Electrical & Thermal Applications. All the Energy Efficient systems are manufactured at our Ahmedabad as well as Coimbatore works – our group companies. This includes State-of-the Art Automation systems for various applications (Air Conditioning, Waste Evacuation systems of Power Plants as well as Industries) with channel partnership of Siemens.

At **VSLPRAYAG** we facilitate Energy Cost optimisation for All Energy Consumption Centers. Our experts have more than 25 years of experience in the Energy Management in industry:

- Cement Industry
- Steel, Iron, Aluminium & Foundries
- Power Plants – Small, Medium & Large
- Textile & Textile Processing industries
- Petrochemical - Synthetic & Manmade Fiber
- Pharmaceutical & Chemical Processing etc.,
- Pulp & Paper
- Engineering, Automobile, Foundry, Metal & Metal Products
- Sugar, Distillery & Brewery



RE-ENGINEERING ENERGY SAVING POTENTIAL IN VARIOUS ELECTRICAL & THERMAL UTILITIES – IN A TYPICAL TEXTILE INDUSTRY:

Generally the following Utility Areas / Equipment offer scope for Energy Cost Optimisation in a Textile Industry through Re-Engineering:

- A. AHU; Humidification Plants & Ventilation System (Potential = 25 ~ 40%)
- B. Air Compressor & Compressed Air System (Potential = 15 ~ 30%)
- C. Waste Evacuation System (Potential = 15 ~ 30%)
- C. Boilers, Thermopacks & Steam / Thermic System (Potential = 10 ~ 20%)
- D. Water Treatment & Water Utilisation System
- E. Electrical System (Inclusive of Lighting System (Potential = 15 ~ 20%)

We take up Turn Key execution to successfully implement the identified Energy Re-Engineering Initiatives with attractive payback periods.

BENCH MARKING INNOVATIVE DEVELOPMENTS IN RE-ENGINEERING

Adiabatic Atomisation Cooling System (**AAC**) is similar to conventional system however with latest energy efficient technologies in Air conditioning system (Re-Engineered with High Efficiency Fans (Axial flow or Centrifugal) along with Ultra Efficient Pumps developed internally).

These systems can be retrofitted in any Humidification / Air Conditioning / Ventilation / Pressurisation systems installed in any type of industry or Power Plant. Recently, we have achieved benchmarking Specific Energy Consumption norms of about **7500 cfm/KW** in Air Handling Units.

The conventional systems mostly are found to be below **3000 cfm/kW**. In addition, we generally improve department conditions.



In addition to this, we have also developed state-of-the-Art **ENERGY EFFICIENT AUTOMATION SYSTEM**, along with VFD Control of Supply Air & Return Air Fans as well as Pumps. It ranges from simple Semi Automation to Full-fledged SCADA systems. We employ SIEMENS Sensors & PLC for all the above mentioned Automation systems.

OUR MANUFACTURING FACILITY @ SAMARTH AIR TECH PVT LTD., AHMEDABAD

Incorporated in 1993, over the past 25 years, SAMARTH has been specialized in manufacturing of HVAC (Pressurisation & Ventilation) systems, Air handling units, Industrial (Axial & Centrifugal) fans & blowers as well as complete range of HVAC accessories such as Mist Eliminators, Distribution Louvers, Duct Diffusers, Dampers, Air Washer Spray nozzles, Rotary Dum Filters etc.,.

We have supplied our systems to number of countries across the globe – Kenya, Nigeria, South Africa, Bangladesh, Egypt, Thailand.

We are also OEM suppliers for C Doctaire, Voltas etc., who are leading HVAC system suppliers.

Apart from HVAC systems, from our Ahmedabad works, we manufacture & supply a number of Pharma Machinery, lab scale equipment & Dairy equipment.

OUR CUSTOM DESIGNED HVAC SYSTEMS FIND APPLICATION IN:

- Cement & Steel Industries
- Power plants – Small, Medium & Large
- Petrochemicals & fertiliser industries
- Process industries
- Metallurgical industries
- Radiators & heat exchangers
- Boiler industries



CUSTOM DESIGNED HVAC : AIR HANDLING UNIT / PRESSURISATION / VENTILATION SYSTEM FOR:

- ❖ Steel plants
- ❖ Cement plants
- ❖ Power plants
- ❖ Electrical rooms like switchgear & bus bar rooms
- ❖ Electrical sub stations (DG & TG control rooms)
- ❖ Bulk drugs & pharmaceuticals

Apart from the above, various innovative techniques for the industry.



S NO	Name of cement / power plant	LOCATION	YEAR	DETAILS
1	Panipat thermal power station Panipat	PRODUCTION HALL MODIFICATION	2018/2019.	AIR COOLING PLANT
2	Raj west power limited Barmer Rajasthan.	FIRE DOOR	2017/2018.	40 NOS FIRE DOOR.
3	Raj wet power limited	FIRE DOOR	2018/2019.	FIRE DOOR 40 NOS.
4	Sanghi cement	PANEL ROOM COOLING	2016/2017	300000 CFM
5	M/s, Gujrat Ambuja, Himat Nagar, Ahmedabad	AIR COOLING Panel Room	2015/2016	200000 CMH & 150000 CMH
6	M/s, Gujrat Ambuja, Himat Nagar, Ahmedabad	AIR COOLING & AC	2015 /2016	55000 CMH
7	M/s, Benue cement comp-ltd. (Man B & W Diesel ltd., Nigeria Nachmo	AIR VANTILATION	2013 /2014	100000 CMH
8	M/s, BENUE CEMENT COMP-LTD. (MAN B/W DIESEL LTD NIGERIA (NACHMO)	AIR VENTILATION	2013 /2014	60000 CMH 36 NOS
9	M/s, SIDHI CEMENT	AIR COOLING		150000 CMH
10	M/s, SANGHI CEMENT	VENTILATION SYSTEM FOR PANNEL ROOM	2014/2015	36,000 CFM
11	M/s, C. DOCTOR & CO PVT LTD. (L&T)	AIR VENTILATION OEM	2013 /2014	250000 CMH
12	M/s, C Doctor for BHEL - Rajasthan Rajya Vidyut Utpadan Nigam Ltd. Suratgarh	AIR COOLING FABRICATED	2016/2017	200000 CMH. X 8 SET. PRE FAB



S NO	Name of cement / power plant	LOCATION	YEAR	DETAILS
13	M/s, Saurashtra cement ltd Porbandar, Gujarat.	Air cooling plant		30 000 CFM Machinery Plant With Ducting
14	M/s, BIRLA CORPORATION, Chandaria	Pre. & ventilation	2011/2012	PRE FAB VENTILATIONS
15	M/s, BIRLA CORPORATION, Chandaria	Pre. & ventilation	2011/2012	60000 CMH X 3 PRE FAB VENTILATIONS
16	M/s, BIRLA CORPORATION, Chandaria	Pre. & ventilation	2011/2012	INCLUDING DUCTING WORK
17	M/s, BIRLA CORPORATION, Chandaria	Pre. & ventilation	2011/2012	PRE FAB VENTILATIONS
18	M/s, BIRLA CORPORATION, Chandaria	Air cooling & ventilation	2011/2012	50 000 CMH PRE FAB VENTILATIONS
19	M/s, BIRLA CORPORATION, Chandaria	Air cooling & ventilation	2011/2012	INCLUDING DUCTING WORK
20	M/s. Saurashtra cement limited, Porbandar (Gujarat)	Dust abatement	2007 TO 2012.	40000 CMH; 60000 CMH x 2; 120000 CMH x 2; 250000 CMH
21	M/s, GUJARAT AMBUJA EXPORT UTRAKHAND	Humidification plant	2012/2013	70000 CMH AHU



S NO	Name of cement / power plant	LOCATION	YEAR	DETAILS
22	M/s, GUJARAT AMBUJA EXPORT HUBALI KAR TAK	Air cooling plant	2012/2013	60000 cmh ahu 90 tr. Dx
23	M/s, SANGHI CEMENT	Panel room ventilation	2013/2014	65000 cmh ventilation
24	M/s, SANGHI CEMENT LIMITD (GUJARAT)	Air cooling / dust abatement	2013/2014.	60000 cmh x 1; 120000 cmh x 1
25	M/s, BIRLA CORPORATION, Chandaria	Pre. & ventilation	2011/2012	Pre fab ventilations
26	M/s, BIRLA CORPORATION, Chandaria	Pre. & ventilation	2011/2012	60000 cmh x 3 pre fab ventilations
27	M/s, BIRLA CORPORATION, Chandaria	Pre. & ventilation	2011/2012	Including ducting work
28	M/s, BIRLA CORPORATION, Chandaria	Pre. & ventilation	2011/2012	Pre fab ventilations
29	M/s, BIRLA CORPORATION, Chandaria	Air cooling & ventilation	2011/2012	50000 cmh Pre fab ventilations
30	M/s, BIRLA CORPORATION, Chandaria	Air cooling & ventilation	2011/2012	Including ducting



S NO	NAME OF PHARMA CLIENT	DETAIL	YEAR	TECHNICAL DETAIL
1	ACCORD PHARMACETICALS. M.P.	AIR HANDLING UNIT. 3500 CFM 9 TR	2016/2017	35000 CFM 80 TR
2	VOLTAS LTD / CADILA HELTH CARE BHARUCH GUJ	SA HEPA BOX & R A RISER WITH FILTER	2016/2017.	100 NOS.
3	MEDWIN RESERCH AND HELTH CARE HARYANA	ONITMENT MFG PLANT 100 KG	2016/2017.	ONITMENT MFG PLANT 100 KG
4	VOLTAS LTD. CADILA HEALTH CARE ANKLESHWAR. GUJ.	HEPA BOX & RISER & DUCTING	2016/2017	HEPA BOX & RISER FOR PHARMA
5	REGAL HEALTH CARE SIKKIM	AIR CONDENSING WITH .03 MICRON FILTRATION	2016/2017	120 TR AHU 16 NOS. & HEPA & DUCTING
6	STARLING BIOTECH LTD BARODA	AIR COOLING	2016/2017.	AHU 20 000 CFM
7	HORSTER BIOTEX PVT LTD. INDORE, MP	Pharma project	2017/2018.	9 nos. AHU 1000/ 1500 /2000 / 3200 / 4700 / 3000 2900 1800 2100 cfm
8	VOLTAS / ANLON HEALTHCARE PVT LTD IN RAJCOT GUJ.	PHARMA PROJECT	2017/2018.	AHU / DUCTING / HEPA RISER
9	SURAJ HEALTH ESSENTIALS BHIWANDI	PHARMA MACHINERY	2017/2018.	AUTO SINGLE HEAD BOTTLE CAPPING
10	VOLTAS LTD./ CADILA HEALTH CARE UNIT-1 ANKLESHWAR	PRODUCTION ARIA	2017/2018.	RISER & HEPA BOX.
11	JYOTI HOSPITAL INDOOR MP.	OPERATION THEATRE	2018/2019.	AHU WITH HEAP BOX
12	ETA / VADILAL HOSPITAL AHMEDABAD.		2018/2019.	DUCTING WORK
13	BANASKANTHA DIST CO -PO MILK PROD UNION LTD. PALANPUR	AIR CONDENSING FOR MILK FILING ARIA	2018/2019.	AUH 35 000 CFM 80 TR.
14	GRV HEALTH CARE HARIDWAR	PHARMA MACHINERY	2018/2019.	LIQUID FILLING AUTO CAPPING
15	MAA CHAMUNDA HELTH CARE	PHARMA MACHINERY	2018/2019.	LIQUID FILLING AUTO CAPPING



S NO	NAME OF CLIENT	DETAIL	YEAR	TECHNICAL DETAIL
16	NAGAR PHARMACY	PHARMA MACHINERY	2018/2019	LIQUID FILLING AUTO CAPPING
17	CADILA HELTH CARE / VOLTAS	PHARMA PLANT	2018/2019	HEPA & RISER
18	SPARSH BIO TECH PVT LTD / VOLTAS LTD	PHARMA PLANT	2019/2020	HEPA & RISERS
19	M/s, L & T SWICH GEAR (SNEHAL AC&R MUMBAI)	AIR COOLING	2006 /2007	1 00 000 CFM X 5 AHU
20	M/S, COOLING AIR SOLUTION	VENTILATION	2013 /2014	50 000 CMH X 2
21	M/s, C. DOCTOR & CO PVT LTD. (L&T)	AIR VENTILATION OEM	2013 /2014	25 000 CMH
22	M/s, PATEL AIR TEMP LTD BHAVNAGAR	AIR COOLING	2013 /2014	2 20 000 CMH
23	M/S, SNEHAL AC & R, AURANGABAD	AIR COOLING	2013 /2014	150000 CFM X 2; 75000 CFM;3000 CFM;5050 CFM
24	M/s, MOTHER DAIRY BHAT , GANDHINAGAR	DEFREEZE ROOM MODIFICATION	2014/2015	MODIFICATION
25	M/S, SUBH LAXMI	AIR CONDITINONS	2014/2015	100 TR
26	M/s, BLUE STAR LIMITED	AIR CONDITINONS	2014 /2015	170 TR. 116 000 CMH. AHU.
27	M/s, BANAS DAIRY BHAT , PALANPUR GUJRAT	AIR CONDITINONS	2015/2016	270 TR CIVIL
28	M/S, SUBH LAXMI POLY	AIR CONDITINONS	2015/2016	60 TR AHU
29	M/s, SANTI PROSES LIMITED	AIR CONDITINONS	2015 /2016	40 TR. AHU.
30	M/s, MOTHER DAIRY BHAT , GANDHINAGAR	AIR COOLING	2015/2016	850 TR; 5 80 000 CMH
31	M/S, JAYSHREE POLYPRO LTD GUJRAT	AIR COOLING	2015/2016	56 000 CMH. AHU
32	M/S, BANAS DAIRY LAKHNOW UP	AIR CONDITINOS	2016/2017	130 TR; 90000 CMH



LIFE CYCLE COSTING OF UTILITY EQUIPMENT

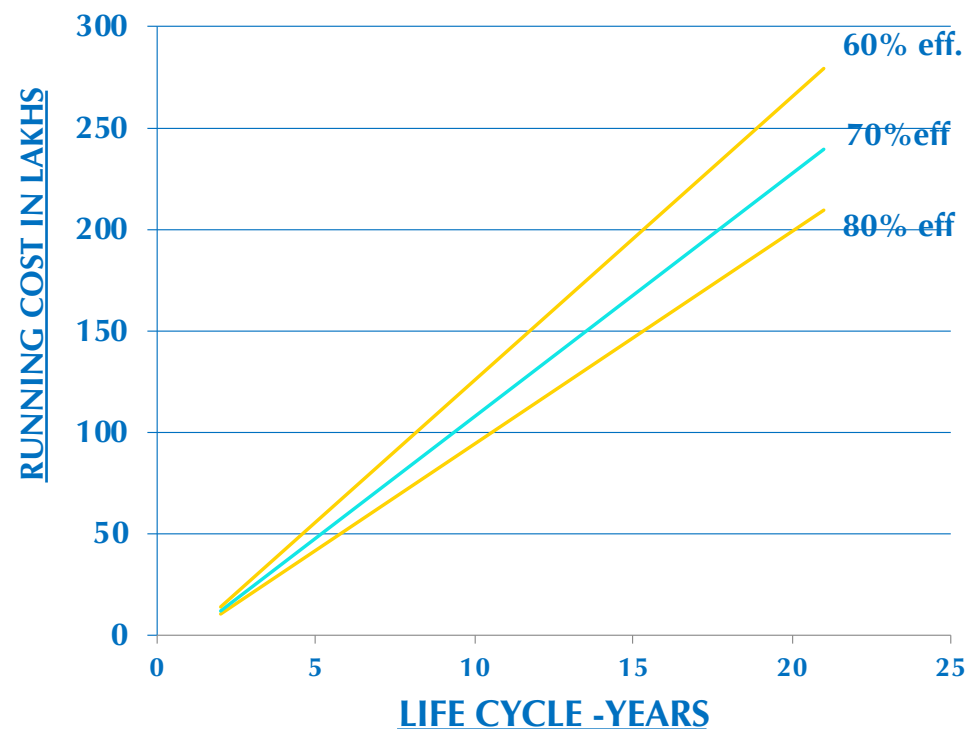
LCC CONSISTS OF 3 MAJOR COST COMPONENTS

- A. CAPITAL COST OR INITIAL COST OF THE EQUIPMENT;
- B. OPERATING COST (ENERGY COST & LABOUR COST – SAY FOR 10 OR 15 YEARS (OR FOR ITS' LIFE TIME)
- C. MAINTENANCE & SPARES COST FOR ITS' LIFE TIME



$$LCC = A + B + C$$

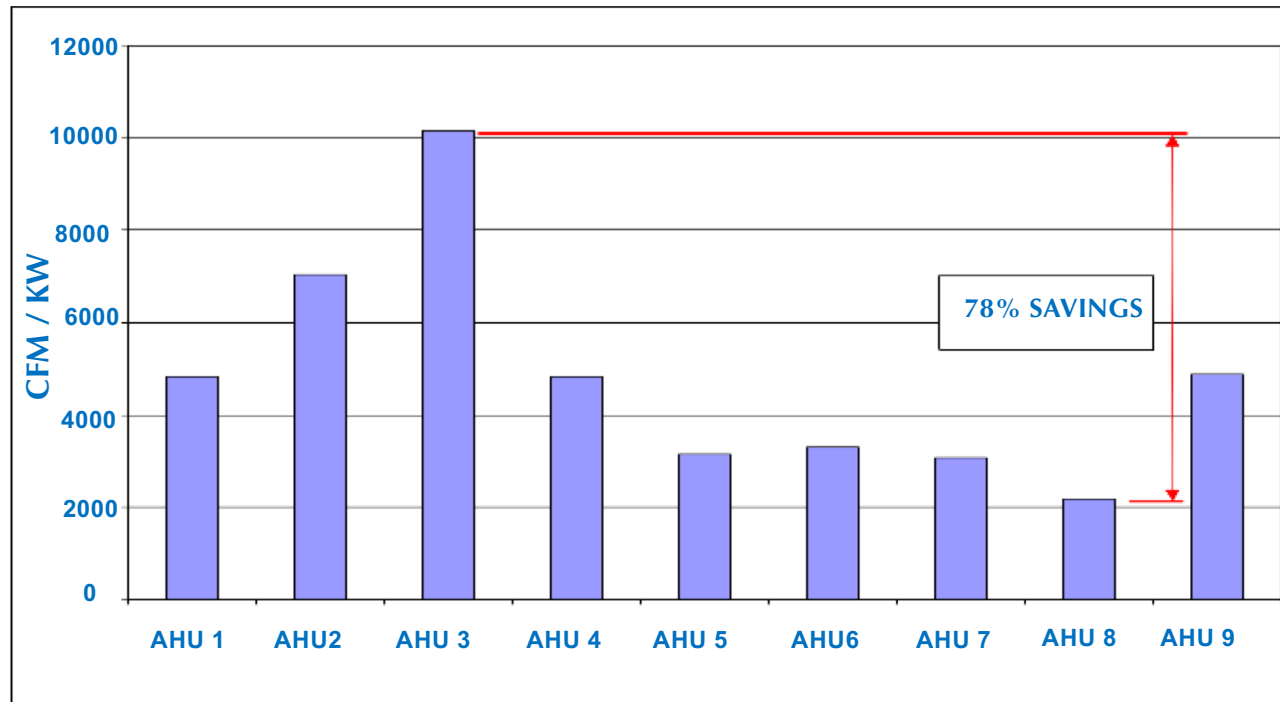
Efficiency Of Pump (100 m3/hr & 70 M Head)	INITIAL INVESTMENT	LIFE OF EQUIPMENT	RUNNING COST/Hr	RUNNING COST/ANNUM	TOTAL COST FOR LIFE TIME
%	Rs. Lakhs	YEARS	Rs. P	Rs. Lakhs	Rs. Lakhs
50	1.10	20	299.21	16.76	336.30
60	1.20	20	249.34	13.96	280.40
65	1.30	20	230.16	12.89	259.10
70	1.50	20	213.72	11.97	240.90
75	1.60	20	199.48	11.17	225.00
80	1.80	20	187.01	10.47	211.20
81.5	2.00	20	183.57	10.28	207.60



1 kw/hr ENERGY SAVED IS EQUIVALENT TO:

$$\text{ENERGY SAVING} = 1 \times 24 \text{ hr/day} \times 350 \text{ days/annum} \times \text{Rs. } 7.5/\text{kwh} \\ = \text{Rs. } 63,000/\text{Annum}$$

COMPARISON OF CONVENTIONAL & BENCHMARKING HVAC
AFTER IMPLEMENTING EFFICIENT SYSTEMS IN AHU



REF: LAWRENCE BERKELEY NATIONAL LABORATORY, U S DOE (IN A PHARMACEUTICAL UNIT)





BRIEF PROFILE of FOUNDER Dr. VENKATA SUDHIR L, M.E, Ph.D., F.I.E, M.I.S.H.R.A.E, C.E.A.,

A Post Graduate in Thermal Sciences (Energy Engineering) from College of Engineering Guindy [1989-90] with more than 25 years of experience in Energy Management. So far executed more than 250 Energy Studies in Various Industries in the country as well as abroad. He is presently advising many corporate houses for Sustainable Development projects & also closely working with Scientific committee of Annamalai in their Sustainable Development related research activities.

He was trained under DUPONT ENERGY MANAGEMENT DIVISION & was a Team member of UNDP-CII-MKRC project in 1992 worked along with International Energy Experts in Pulp & Paper, Petrochemical (Synthetic & Manmade Fiber), Textile, Engineering, Foundry, Automobile Industries. Thereafter for 2 years was heading the Energy Division of an upcoming Thermal Energy Company reporting to Managing Director. During this period, he was also trained in Design of Heat Transfer Equipment Design such as Economizer, Air Preheater, DE aerator, Flash Steam Recovery & Other Heat Recovery Systems.

In the year 1999 he started VSL PRAYAG ENERGY SYSTEMS & SERVICES in Chennai.

Since the year 2007, we started Manufacturing of Energy Efficient Equipment inclusive of Axial & Centrifugal Fans which find wide application in HVAC systems as well as Thermal Energy Saving equipment of various capacities. With the above systems, we have proven that it is possible to reduce the Energy Consumption by more than 25 to 35% as compared to the Conventional systems manufactured by conventional system suppliers. Dr. Venkata Sudheer L also developed Energy Efficient Air Conditioned Systems – Air Handling Units (AHU) as well as Centralised



Air Conditioning Systems with the state of the Art Energy efficient systems inclusive of Close Loop system. These systems find application in Fiber Manufacturing Industries (Polyester etc.,) as well as in Clean Rooms AHUs in Pharmaceutical industries.

Over the past 11 years, VSLPRAYAG is associated with M/s. Samarth Airtech, Ahmedabad with Strategic Technology Partnership to manufacture Energy Efficient solutions (Humidification, Energy Efficient Axial flow Fans, Lighting systems & Automation systems for HVAC systems) as well as Heat Transfer Equipment. The AUTOMATION CONTROL SYSTEMS suitable for Temperature, Pressure, Flow, RH or any other parameter control – in Semi / Full Automation Systems with or Without SCADA systems. Application of Inverters (Variable Frequency Drives) is Optional for further smoother control of Fans or Pumps.

Mr. L Venkata Sudheer is a Certified Energy Auditor by Bureau of Energy Efficiency (since 2005). He is also a Chartered Engineer as awarded by The Institution of Engineers (India), Kolkata.

In the year 2008, Ministry of New & Renewable Energy (MNRE) appointed Mr. L Venkata Sudheer as a DISTRICT ADVISORY COMMITTEE for Chennai. The Term was for 3 years, which lasted up to 2011. This helped him in disseminating the information of use of Renewable sources of Energy across the State of Tamilnadu.

In the Year 2008, he has implemented Biomass gasification Project with Rice Husk for an MNC located in UP (M/s. OBEETEE Pvt. Ltd.,) which got them Carbon Credits apart from reducing the Power cost by 50%. They have issued us Certificate of Appreciation. Until 2014 - 15 they never depended upon UPSEB for all their Power Needs.

In August 2017, The Institution of Engineers (India) Kolkata, felicitated him & conferred Fellowship with the institution.



10/04/2012

Mr. L VENKATA SUDHEER,
Energy Expert
VSL PRAYAG ENERGY SYSTEMS & SERVICES
New No.9 (Old No. 35), Samanthi Street, Brindavan Nagar
CHENNAI - 600 092

We are glad to mention that after implementation of Adiabatic Nebulization Cooling (ANC) System along with Energy Efficient Aluminium Blade Fans in our SULTEX WEAVING Department, we have achieved the following benefits:

1. We are able to save Substantial Energy in Supply Air Fans, Pumps & Return Air Fans. Annual Savings given below
2. We could maintain required RH in the department.

Saving Achieved:

BEFORE MODIFICATION POWER CONSUMPTION

Old H Plant Power (SA Fan + Pump + RA Fan)	=	53 Kwh/Hr
New H Plant Power (SA Fan + Pump + RA Fan)	=	30 Kwh/Hr
Total Power Before Modification	=	83 Kwh/Hr

AFTER MODIFICATION POWER CONSUMPTION

Old H Plant (Existing plant 90000CFM)	=	27.5 Kwh/Hr
New ANC System & EE Fans (50000CFM)	=	18 Kwh/Hr
Total Power After Modification	=	45.5 Kwh/Hr
Total Energy Saving	=	37.5 KWH per Hr
Annual Saving = 37.5X0.8X24X360X Rs 4.30/kwh	=	Rs 11.14 LAKHS/ANNUM

Our Management appreciates the efforts taken by you in this Energy Management Initiative. We are now planning to implement your ANC System in all our Humidification Plants.

We once again wish to convey our Appreciation & Best Wishes to all your future endeavours across the Industry.

GRASIM BHIWANI TEXTILES Ltd.,

R SUBRAMANIAM
COO

ARUL PRAGASAM
VICE PRESIDENT



Grasim Bhiwani Textiles Limited (A Subsidiary of Grasim Industries Ltd.)
Unit : Bhiwani Textile Mills, Bhiwani - 127 021, Haryana, India

Telephone +91 1664 242577
Fax +91 1664 242575

Website www.grasimbhiwanitextiles.com

Regd. Office : 409, Cotton Exchange Building, Kalbadevi Road, Mumbai-400002



MANUFACTURERS & EXPORTERS OF FINE HANDKNOTTED CARPETS & DHURRIES
(A GOVERNMENT OF INDIA RECOGNISED TRADING HOUSE)

REGISTERED OFFICE

MIRZAPUR

Date: 15.03.2012

To,

VSL Prayag Energy Systems & Services
Chennai-600 092

Kind Attn: Mr. L Venkata Sudheer
Dear Mr. Sudheer,

We are glad to mention that after implementation of Energy Cost Reduction Proposals suggested by you in the year 2007, we have achieved the following benefits.

1. By installing the Gasifier system for DG sets, we could reduce the power cost considerably as compared to 100% running on Diesel.
2. We have also achieved Energy savings in pumps, lighting systems.

We appreciate the efforts taken by you in this energy management initiative.

We once again convey our best wishes to all your future endeavors across the industry.

For Obeetee Pvt Ltd


RAJESH KAPOOR
(President-Operations)

OBEETEE PRIVATE LIMITED

Registered Office : BISUNDERPUR, CIVIL LINES, P.O. BOX NO. 4, MIRZAPUR - 231 001, INDIA. PHONES: 91-5442-252304, 252610, 252052, 266199
FAX: 91-5442-252413. E-MAIL: obtindia@obeetee.com WEBSITE: www.obeetee.com CABLE: OBEETEE, MIRZAPUR-231 001.
BANKERS : STATE BANK OF INDIA, SPECIALISED COMMERCIAL BRANCH, VARANASI- 221002.

Noida Office : A-45, SECTOR- 64, PHASE-III, NOIDA, UTTAR PRADESH, PIN CODE - 201309. PHONES : 91-120-4690200 FAX : 91-120-4690201
E-MAIL: obtdelhi@obeetee.com. BANKERS: ALLAHABAD BANK, PARLIAMENT STREET, NEW DELHI - 110 001.

October 11, 2010

Mr. Venkata Sudheer L
VSL Prayag Energy Systems & Services
No. 30A, "Sathyalok"
Samanthi Street
Brindavan Nagar
Chennai-600 092

Dear Sir,

Please refer various energy saving projects suggested by you at our CTL factory.

We are pleased to confirm that the team CTL has implemented all the projects under your guidance and support and we have been able to generate a saving of 7100 units per day till 30.09.2010.

The pending work about air system is going on and as confirmed by you and vendors , it will be completed by 15th Nov 2010 and with this there would be additional savings of a minimum of 1400 units per day. With this the total savings would be 8500 units.

We wish to convey our sincere thanks to you and your team and look forward to have more such projects with you at CTL and with in our Group .

Kindly also suggest projects for CTL's other unit at Pondichery and further in respect to Baglur factory as we discussed.

Best Wishes for your forward journey for many more such projects for textile Industry at large.

Thanking you,

Yours faithfully
For **Cheslind Textiles Ltd.**


Prakash Maheshwari
Director

Cheslind Textiles Limited
(A Subsidiary of RSWM Ltd.)

Bangalore Office :
No.147, 12th Main, 3rd Block
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Tel. : +91-80-42557555 / 25538622
Fax : +91-80-25538559
E-mail : cheslind@vsnl.com
Website : www.cheslind.co.in

Regd. Office & Factory :
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Hosur Taluk, Krishnagiri Distt., Tamil Nadu, India
Tel. : +91-4344-254184, 254187
Fax : +91-4344-254276
E-mail : cheslind@cheslind.com

Corporate Office : (LNJ Bhilwara Group)
Bhilwara Towers. A-12, Sector-1
Noida - 201 301 (NVR-Delhi), India
Tel. : +91-120-4390300, 2541810 (EPABX)
Fax : +91-120-2531648, 2531745
Website : www.rswm.in

भारत सरकार

नवीन और नवीकरणीय ऊर्जा मंत्रालय

Government of India

MINISTRY OF NEW AND RENEWABLE ENERGY

ब्लॉक नं. 14, केन्द्रीय कार्यालय परिसर, लोदी रोड, नई दिल्ली-110003

BLOCK NO. 14, C.G.O. COMPLEX, LODI ROAD, NEW DELHI - 110 003

Fax : 011-24361298

Telegram : RENEWABLE

सं. SNES/DAC/Nominations/38/2005

दिनांक 04.11.2008

No.

Dated

To

Shri L. Venkata Sudeer
New No-9 (Old No-35),
1st Floor, Samanthi Street,
Brindavan Nagar,
District - Chennai,
TamilNadu- 600 092.

Subject: District Advisory Committee on Renewable Energy – Nominations regarding.

Dear Sir,
Congratulations!

As you are aware that Shri Vilas Muttemewar, Minister for New and Renewable Energy has recommended your name for the membership in a District Advisory Committee (DAC) on Renewable Energy for district, **Chennai, Tamil Nadu**. We are happy to inform you that your name has been accepted by the Ministry for the membership of DAC. We are forwarding your name to the District Collector, **Chennai, Tamil Nadu** for inclusion in the DAC already set up/being set up in the district.

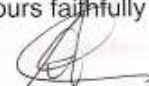
This Ministry is setting up DACs on Renewable Energy in every district. The DACs are headed by the **District Collector** whereas the Project Director of the District Rural Development Agency or Chief Executive Officer of the Zilla Parishad are its Member Secretary. The main objective of the DAC would be to create awareness about various renewable energy devices and systems appropriate for a given district. A note indicating objectives, composition of the committee, terms of reference etc. is enclosed herewith for your information (**Annexure**).

We hope that you will actively participate in this important Committee and give the benefit of your experience for effective functioning of the Committee with the objective of promoting the use of renewable energy devices/systems in the district.

You are requested to kindly contact the **District Collector, Chennai, Tamil Nadu** alongwith your bio-data and two recent passport size photographs (with your signature and name written on the backside) for further necessary action and your participation in the DAC.

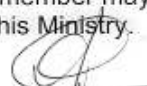
Thanking you

Yours faithfully


(Dr. Arun Kr. Tripathi)
Director / Scientist-F

Copy to :

District Collector, **Chennai, Tamil Nadu** with request that above nominated member may kindly be included in the DAC of your district under intimation to the nominated member and this Ministry.


(Dr. Arun Kr. Tripathi)
Director / Scientist-F



EXECUTIVE SUMMARY

S No	ENERGY RE-ENGINEERING LOCATION	ANNUAL ENERGY SAVINGS AFTER RE-ENGINEERING (Rs. Lakhs/Annum)
1	Preparatory H Plants – LDM 50 & LDM 100	Rs. 152.52 Lakhs/Annum
2	Lagan H Plants - # 11	
3	Ring Frame H Plants - # 12 & 12A	
4	Winding H Plant - # 13	
5	Weaving 1 H Plants - #7, #8 & #22 Looms	
6	Chiller Energy Savings (Weaving & LDM 50)	Rs. 48.10 Lakhs/Annum
	GRAND TOTAL ANNUAL ENERGY SAVING	Rs. 210.62 Lakhs/Annum

NOTE: In the above Summary, LDM 100 H Plant saving is not considered, as it is due for installation.

for **JAYASHREE TEXTILES**

VSL PRAYAG ENERGY SYSTEMS & SERVICES

AVINASH SINGH

HITESH FANDOT

VIVEK K SINGH

Dr. VENKATA SUDHEER L