



Trans Solar Technologies is a one-stop destination offering wide range of products and services be it power, heat or chilling. The technologies offered include green refrigeration, energy efficient lighting, Solar powered products, output enhancement of refineries, petrochemicals and Power Plants and products using renewable energy.

Trans Solar Technologies is committed to promoting clean energy and is committed to promoting clean energy technologies through a variety of products and services. The products portfolio is rendered through representation / distribution rights of leading manufacturers from India, Europe, United States and Far East. The Services portfolio is comprised of Performance Contracting, Technical Consulting.

Trans Solar Technologies is founded by highly qualified professionals with long years of experience in power generation, distributed generation, industrial marketing, corporate law and process plants.

◆ PRODUCTS

Trans Solar Technologies has distribution rights of leading manufacturers across the globe.

- ◆ **Solar Water Heating systems**
 - ◆ **Solar Lantern**
 - ◆ **Solar Street lighting systems**
 - ◆ **Solar water purification systems**
 - ◆ **Solar LED Torch**
 - ◆ **Solar Home-lighting systems**
 - ◆ **Solar Security Fencing**
 - ◆ **Solar Drying**
 - ◆ **Solar Mobile Charger**
 - ◆ **Solar Power Plants Solar Air-conditioning**
 - ◆ **Solar Agricultural pumps**
 - ◆ **Passive Solar Architecture**
 - ◆ **LPG based water heating systems**
- Xantrex USA** – Large range of solar DC to AC inverters for Commercial and Automobile applications. World’s first Tie Grid system from 3 kW to 500 kW
- Andslite** LED Torches, Study Lamps, Solar LED Lanterns, LED Bulbs
- ◆ **Luminous Flux Regulator** – Saves over 35% power consumption in large lighting installation
- ◆ **Water treatment plants** for domestic and industrial purpose. DM water, Sewage treatment, Sullage treatment, RO process, effluent treatment.



◆ SERVICES

◆ **ENERGY PERFORMANCE CONTRACTING FOR LIGHT AND CHILLING PLANTS** - Large light plants often need retro-fitment with new energy saving lamps and gear. Similarly many comfort and process cooling plants need change of technology to consume less power and are environment friendly. The changeover is usually deferred due to the "high" first cost.

In our effort to promote clean energy technologies, we offer customized options.

- ◆ Performance contracting
- ◆ Equipment Leasing
- ◆ Equipment Mortgage
- ◆ Extended Warranty
- ◆ Maintenance contract

◆ **TECHNO-COMMERCIAL CONSULTING SERVICES FOR ENERGY SOLUTIONS** - Clean energy technologies specifically require high degree of persistent and persuasive marketing efforts to find customers. We are committed to offer comprehensive advisory services for such energy solutions

◆ **ADVISORY SERVICES FOR FINANCIAL ENGINEERING OF GREEN PROJECTS** - Green House Gas reduction and associated purchase of Emission Credits is emerging as a means of financing for green projects through the Clean Development Mechanism (CDM) and Joint Initiative (JI) of the Kyoto Protocol.

- ◆ Identify eligible projects to access financing through the CDM
- ◆ Monitor new business models qualifying as CDM projects and explore feasibility of transplanting them in other countries.
- ◆ Developing Base Line studies and Tender documents for eligible projects

◆ Track developed economies for their policy announcements on CDM

◆ **SOURCING FACILITATION FOR RENEWABLE ENERGY EQUIPMENT** - Through our associates in Holland, we arrange sourcing of wind energy equipment. These equipments are of varying capacities from leading manufacturers.

- ◆ Wind turbines of reputed makes
- ◆ Capacities range from 50 kW to 500 kW.



◆ **AUTHORIZED SERVICE PROVIDER (ASP) FOR CAPSTONE MICROTURBINE**

- Extensive experience in business development of various micro turbines and servicing certification for Capstone micro turbines (USA)

make us uniquely placed to

- ◆ Structure various CHP solutions
- ◆ Resource recovery applications
- ◆ Develop Low BTU fuel applications

◆ **PEOPLE**

◆ **S.Srinivasan** – Mech Engr. & MBA Marketing with over 15 years experience in industrial Marketing in India, Middle East, Far East and USA, Qualified Authorized Service Provider of Capstone Turbine Corporation, California USA. Vast experience in renewable energy consultancy, marketing & designing systems.

◆ **M.Arumugam** BA BL, over 35 years experience in corporate law, responsible for drafting agreements in ESCO modeling and other corporate affairs in law.

◆ **S.Shanmuganathan** Mech. Engr., Ex General Manager – BHEL, has over 35 years experience in construction & operation of Power plants of size over 500 MW, responsible for designing fire fighting, Ash handling, Coal handling, DM water plant, water treatment and Ozonisation in large power plants.

◆ **Sanjay Kumar** – Mech. Engr, & MBA with over eight years experience in marketing in Automobile pollution control devices and Industrial hydraulic tools for O & M applications.

◆ **CONTACT**

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