

Energasia Power





We Power Growth

The world population is swelling, and cities are rapidly increasing in size and complexity. Therefore, cities require increasingly sophisticated power networks. Forward planning is the key to developing sustainable and efficient architecture through the use of technology, which will provide the necessary connections for smart cities of the future.

Energasia has identified that electrification, digitization, and decentralization is the key that will enable the development of future smart cities and power plants. Energasia Power is in the “energy optimisation” business, operating in both ends of the Energy Services spectrum, viz. Generation & Distribution and Demand Side optimisation.

Energasia in India, has 3 major Divisions:



**Power And
Renewable Energy**



**Solutions for
Smart Cities**



**O&M services
across the range**

We also have exclusive tie-ups with the world’s technology majors in different fields, which enables us to provide end-to-end solutions including **O&M support for smart cities in India, making us a market leader in this segment.**





Energy Generation & Distribution Services

Energasia offers a unique service of long-term production and supply of all forms of energy to meet the energy needs of clients' industrial, institutional and commercial facilities. This service involves design, supply, installation, commissioning, ownership and operation of complete energy production & distribution plants located at clients' facilities. The service is offered on a Build, Own & Operate (BOO) or Build, Own, Operate & Transfer (BOOT) basis.

The Company offers all forms of energy to its clients, with in-situ production and/or sourced from external suppliers, including:

- Electrical Energy
- Process Steam
- Chilled Water for Air-conditioning & process cooling
- Heating & process Hot Water and /or steam
- Wastewater treatment & "grey water" supply



Energy Efficiency - Demand Side Abatement Services

Our experience in identifying and taking advantage of energy savings opportunities is characterised by the use of energy-efficient solutions such as cogeneration and heating and cooling distribution networks.

Additionally, for existing facilities, Energasia offers energy efficiency solutions as part of Demand Side Management programmes. The Demand Side Management programmes include efficient lighting systems for commercial, institutional and public buildings.

Demand-side abatement programmes involve analysis, formulation and implementation of energy efficiency strategies for:

- Electrical services systems, particularly facility lighting systems
- Mechanical services systems, particularly chilled water, heating water and cooling tower systems.



Renewable Energy

Energasia Solar in India focuses on the Solar and Renewable Energy sectors.

Energasia Solar shall build and operate solar power plants for our clients which are designed to generate and provide power to the local grid (captive or utility). Our comprehensive range of services includes Solar Photovoltaic Plant Feasibility, Engineering & Design, Logistics, Installation, Government Liaison, Power Purchase Agreements and ongoing Operations & Maintenance.



Feasibility Study

Energasia performs a detailed feasibility study of the client's energy requirements during the initial project phase, through the use of our in house energy management expertise and experience and the use of specialised external consultants.



Project Management

Our commitment to Quality Project Design, Implementation and Management during the implementation phase of a project becomes crucial in achieving a project completion "on time" and "on budget". Through the use of our in house knowledge database of energy systems and efficient plant operation and configuration and our strong relationships with specialist consultants, preferred suppliers and construction subcontractors we have been able to provide an energy-efficient solution for our projects.



Performance Guarantee

We offer performance guarantees of the entire plant and perform commissioning trials in the presence of major equipment suppliers, to confirm the guaranteed performance levels of the plant.



Project Finance

The Company has strong associations with a number of financial institutions and would be prepared to offer infrastructure "non-recourse project" and construction finance where required.

