



# Sustainable Energy & Engineering Solutions for the Future

We deliver turnkey engineering and manufacturing solutions for biodiesel, bio CNG, petrochemical, and chemical process plants.

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Get a Quote



*Energy drives every operation—  
so choose the energy that drives  
progress.*

*With renewable power, industries  
achieve reliability, savings, and reduced  
emissions.*

*Build a plant that leads with  
innovation and operates with  
responsibility*

15+

Years of Industry  
Experience

5+

Projects Successfully  
Delivered

9+

Engineering Solutions  
Offered

10+

Industries Served

100%

Commitment to Quality  
& Client Satisfaction

# Biodiesel Production Plant

## Smart Fuel from Waste

A Biodiesel Production Plant converts vegetable oils, animal fats, or used cooking oil into eco-friendly biodiesel through a chemical process called transesterification.

## Key Features

- High-efficiency conversion technology
- Automated processing system
- Low Operational cost
- Scalable plant capacity
- Compliance with environmental norms

## Process Flow

Feedstock Collection  
Pre-treatment  
Transesterification  
Separation  
Purification  
Biodiesel Storage

## Applications

- Automotive fuel (diesel engines)
- Industrial fuel
- Power generation

## Benefits

- Reduces carbon emissions
- Utilizes waste oils
- Renewable and biodegradable fuel
- Supports energy independence



# Bio CNG Plant

## Smart Solution for Clean Gas

A bio CNG Plant produces compressed biogas (CBG) from organic waste such as agricultural residue, municipal waste, and animal dung.

## Key Features

- Advanced anaerobic digestion technology
- Gas purification and compression system
- Odor control mechanism
- Modular plant design

## Applications

- Vehicle Fuel (CNG vehicles)
- Cooking gas
- Industrial heating

## Process Flow

Organic Waste Collection  
Anaerobic Digestion  
Biogas Generation  
Purification  
Compression  
Bio CNG Storage

## Benefits

- Waste-to-energy solution
- Reduces landfill burden
- Cuts greenhouse gas emissions
- Promotes circular economy



# Renewable Energy

## Clean Energy for a Better Future

Narayan Energy provides renewable energy solutions using natural sources like sunlight and waste. We help reduce pollution and provide clean, reliable, and affordable energy for all.

### Key Features

- Uses natural energy sources
- Low maintenance cost
- Safe and eco-friendly
- Easy-to-use systems
- Suitable for all sectors

### Our Solutions

- Solar energy systems
- Waste-to-energy solutions
- Biofuel energy systems
- Customized energy setups

### Benefits

- Reduces pollution
- Saves energy costs
- Clean and safe power
- Long-term energy solution



# Our Engineering Solutions

*We provide turnkey plant solutions and specialized equipment tailored for diverse industrial applications.*



**Petrochemical Plant:**

Engineering and execution of petrochemical plants designed for safety, performance, and scalability.

**Resin Plant:**

Custom-built raising plants for efficient chemical processing and production consistency.

**Lubricant Plant:**

End-to-end lubricant manufacturing plants with automated blending and packaging systems.

**Grease Plant:**

High-performance grease plant solutions ensuring consistent quality and production efficiency.

**Chemical Process Equipment:**

Design and fabrication of reactors, heat exchangers, pressure vessels, and customized equipment.

**Electrical & Automation:**

Smart automation systems, PLC, SCADA, and electrical integration for optimized plant performance.

**ENA Spirit Plant:**

An ENA Spirit Plant produces high-purity extra neutral alcohol using advanced distillation, widely used in pharmaceuticals, cosmetics, and premium beverages.

**Essential Oil Plant:**

An Essential Oil Plant extracts natural oils from plants through efficient processes, supplying pure and aromatic products for cosmetics, wellness, and food industries.

# Our Engineering Expertise

*We apply innovative engineering, modern technologies, and proven industry practices to deliver efficient, reliable, and sustainable plant solutions.*

## Innovative Engineering

Customized plant designs engineered to maximize process efficiency, operational reliability, and long-term sustainability

## Precision Bio-Refining

High-performance biodiesel technologies with multi-feedstock compatibility for consistent industrial-grade production

## Process Optimization

Optimized process flow design to reduce energy consumption, minimize waste, and improve overall plant performance.



## Precision Equipment Design

In-house design and manufacturing of high-quality process equipment ensuring durability, safety, and compliance with industry standards.

## Turnkey Project Execution

Seamless execution from concept and engineering to installation, commissioning, and handover.

## Safety & Compliance Focus

Engineering practices aligned with national and international safety, quality, and environmental standards.

## Electrical & Automation Expertise

Innovative PLC, SCADA, and instrumentation systems for real-time monitoring, control, and operational efficiency

## Technical Advisory

Expert consultation supporting your project from initial feasibility assessment to full-scale plant commissioning.





# Industries We Serve

*Industrial success starts with the right power source.*

*Renewable energy delivers consistent output, cleaner operations, and future-proof efficiency.*

*Power your plant with energy that protects your business and the environment.*



***Renewable Energy***



***Oil & Gas***



***Petrochemical***



***Chemical Processing***



***Lubricants &  
Grease Manufacturing***



***Waste-to-Energy***



***Industrial Manufacturing***

# Who We Are

Narayan Energy, a brand of Shree Narayan Engineering Pvt. Ltd., is a leading engineering and manufacturing company in India with over 15+years of industry experience. We specialize in delivering high-quality turnkey plant solutions for industries such as bio-diesel, Bio-CNG, petrochemical, lubricant, grease, and chemical processing. As a trusted plant engineering company, we provide end-to-end services including process and plant engineering, custom equipment manufacturing, electrical and automation systems, as well as erection and commissioning. Our integrated capabilities enable us to manage projects seamlessly from concept and design to installation and operational support. With strong expertise in chemical process equipment and renewable energy

# Why Choose Us

- **End-to-End Turnkey Solutions**
- **Customized Engineering Designs**



- High-Quality Manufacturing Standards
- On-Time Project Delivery
- Strong Focus on Safety & Compliance



*Renewable energy empowers industries to operate smarter and cleaner.*

*With every unit of green power, your plant becomes more efficient and future-ready.*

*Sustainability isn't a trend—it's the new standard for industrial excellence.*

# HAPPY ENDING :)

## CONTACT US

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