



Shanti

Renewable Energy Pvt. Ltd.



From Nature To Energy

Fueling A Greener Tomorrow



COMPANY OVERVIEW

Powering A Sustainable Future

Shanti Renewable Energy Pvt. Ltd. is a premier manufacturer and supplier of high-quality biomass pellets and briquettes, dedicated to advancing sustainable energy solutions. Founded in 2024, we have swiftly established ourselves as a trusted name in the industry, known for our superior products and reliable service.

Driven by a deep commitment to environmental responsibility and continuous innovation, we strive to meet the growing global demand for renewable energy. Our mission is not only to provide efficient and eco-friendly fuel alternatives but also to play a proactive role in reducing carbon emissions and fostering a greener planet.



WHAT SETS SREPL APART

Sustainable Energy, Trusted Expertise



Eco-Friendly :

Our pellet fuel offers a sustainable, renewable energy solution that helps lower greenhouse gas emissions and supports a cleaner environment.



Reliable Supply :

We provide a steady and dependable supply of pellet fuel to consistently meet our customers' needs.



Cost-Effective :

We manufacture our products in-house using premium raw materials from our farms and trusted partners, including Napier grass cultivation. Full supply chain control ensures consistent quality, reduced costs, and a reliable, cost-effective biofuel solution that delivers exceptional value to our customers.



Quality Assurance :

We follow rigorous quality control measures to ensure every pellet meets the highest standards of performance, consistency, and reliability—providing our customers with a dependable and efficient renewable energy solution they can trust.

What is

NAPIER GRASS ?



Napier grass, also known as elephant grass or Uganda grass, is a tall, fast-growing perennial grass native to the African grasslands, now produced in many countries.

Renewable & Green Energy :

Say goodbye to fossil fuels! Napier grass is a renewable resource that offers a steady supply of biomass for clean, sustainable energy production.

Fast Growth & High Yield :

Time is money—and Napier grass makes the most of it! With its rapid growth rate, it delivers faster harvests and greater biomass yields than conventional crops.

Sustainable & Earth-Friendly :

Sustainability begins in the soil. Napier grass supports healthy ecosystems by enhancing soil structure, preventing erosion, and capturing carbon dioxide from the atmosphere.

PRODUCTS



Biomass Pellets :

Our company specializes in the production of biomass pellets made from agricultural waste such as groundnut shells, soybean husks, mustard husks, coriander waste, and other biomass materials. With a daily production capacity of 60–65 tons, we efficiently convert organic residues into high-quality pellets that serve as a sustainable energy source.

Biomass Briquettes :

Transforming agricultural waste into sustainable biomass briquettes, our company leads the way in eco-friendly energy solutions. Committed to reducing environmental impact, We produce high-quality briquettes using groundnut shells, soybean husks, mustard husks, coriander waste, and other biomass materials. Our renewable energy alternatives support a cleaner, greener future.



PRODUCTS



Nugreen Premium Wood Pellets :

Nugreen Premium Wood Pellets are made from top-grade hardwood and softwood fibers, delivering reliable heat and producing very little ash. Designed for home heating, they meet strict industry standards for performance and eco-friendliness.

Nugreen Softwood Pellets :

Renowned for their strong heat output and clean combustion, Nugreen Softwood Pellets are crafted from premium softwood species. Ideal for efficiently heating larger areas, they produce minimal ash, making them a popular choice among homeowners.



PRODUCTS



Nugreen Hardwood Pellets :

Nugreen Hardwood Pellets are made from dense hardwood fibers, delivering a powerful and long-lasting heat source. Ideal for both residential and commercial heating, these pellets are engineered for high energy efficiency and low emissions, ensuring a cleaner, more sustainable burn.

Nugreen Specialty Pellets :

Nugreen Specialty Pellets are crafted to meet specific heating demands, with options like high-energy content pellets and blends formulated for advanced combustion pellet stoves. These specialized pellets provide customized solutions to ensure maximum efficiency and performance across a range of heating applications.



PRODUCT SPECIFICATIONS

Specifications for Agricultural West-End Groundnut Shell Pellets and Briquettes for Industrial Boiler Use :

Material : Groundnut Shell (Agricultural West Origin)

Total Calorific Value : 3800 – 4200 Kcal/kg or higher

Moisture Content : Not more than 8–10%

Ash Content : Not more than 8–10%

Pellet Size : 8 mm diameter

Briquette Size : 90 mm diameter



Key Features of Our Products:

- High energy output
- Minimal moisture
- Eco conscious
- Reliable quality
- Economical solution

Infrastructure :

Our state-of-the-art manufacturing facility is equipped with advanced machinery and cutting-edge technology, enabling efficient production and consistent product quality. Backed by a dedicated research and development team, we are committed to continuous innovation and ongoing improvement of our products and processes.

Clientele :

Over the years, we have developed a loyal and diverse client base, spanning industries, commercial enterprises, and residential customers. Our unwavering commitment to quality and customer satisfaction has enabled us to build lasting relationships and earn the trust of our clients.

Mission Statement :

Our mission is to deliver sustainable and renewable energy solutions that minimize carbon emissions and support environmental preservation. We are dedicated to innovation, superior quality, and exceptional customer satisfaction in every aspect of our operations.

Empowering Farmers. Energizing the Future.

At **SHANTI RENEWABLE ENERGY PVT. LTD.**, our purpose goes far beyond producing biomass pellets — we are building a movement rooted in sustainability, rural empowerment, and responsible innovation.

We believe that real progress begins at the grassroots level. That's why we've placed farmers at the heart of our mission. By collaborating directly with rural communities, we not only source raw materials for clean energy production, but we also create stable, long-term income opportunities for the very people who nurture the land. Our goal is simple yet powerful: to ensure that every farmer we work with not only earns more, but also gains the confidence and resources to improve their quality of life.

Currently, our operations span across 150 acres of cultivated farmland, where we grow the raw biomass used in our pellet production. This is just the beginning. Over the next few years, we are set to expand our footprint to over 1,000 acres, strengthening our support to farmers, increasing green energy output, and contributing to a more sustainable planet.

Join us on our journey to power the world — sustainably, responsibly, and inclusively.



“Clean energy, rooted in nature.

Biomass for a sustainable tomorrow.”



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