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Green Power Limited and Sustainable Solution

# Introduction

 Sustainability is the process of maintaining change in a balanced environment. It focuses on meeting the needs of the future by keeping in view environmental stability. Sustainability assures the avoidance of the depletion of natural resources and the environment. Environmental sustainability is essential for businesses to reduce the negative impact on the environment. It is notable to mention that sustainability is not only about using less energy or reducing the amount of waste, but it is also related to the developing processes of a business. There are many industries in Bangladesh that are working to attain environmental sustainability in order to combat environmental pollution. Green Power Limited is one of the most prominent companies in Bangladesh that are working to stay sustainable. Here, the focus is to highlight the efforts made by Green Power Limited to stay sustainable.

**Discussion**

 It is noteworthy to mention that the establishment of a business case is an essential step to access the feasibility of business practices regarding environmental sustainability. In the modern era, the overall climate of the world is changing due to global warming. The temperature of the world is rising at an alarming rate which results in global warming. The industrial sector is most responsible for these alterations in the environment as they emit carbon dioxide along with other greenhouse gases that ultimately results in global warming. Therefore, it is the core responsibility of companies and industries to achieve environmental sustainability. However, companies should need to make sure that environmental sustainability would not impact their capabilities to generate a profit. Green Power Limited is working effectively to provide sales and services of diesel, gas, HFO, and renewable technology equipment (Greenpowerbd). This company is performing well to provide various services to other companies by keeping in mind the health and safety of their industry. The health and safety policy of Green Power Limited is beneficial to deliver increased productivity and quality with the establishment of a safe and secure environment to protect employees. Sanitary conditions are provided to its employees to safeguard them from adverse health issues.

 Majority of companies in Bangladesh were failed to attain environmental sustainability which can be seen in the case of Tazreen and Rana Plaza incident. The RMG industry of Bangladesh lacked the ability to implement sustainability paradigms in their factories. It is notable to mention that buyers are focusing on the eco-friendly way of production due to which companies need to implement environmental sustainability paradigms. That is why Green Power Limited is working to adopt cleaner and improved technology in order to attain their goals. It is crucial to discuss the policies of Green Power Limited to achieve environmental sustainability. It is the policy of this company to conduct its operations in an environmentally responsible manner. The company is always considering environmental impact caused due to its operations in the field. All work sites and business operations of Green Power Limited (GPL) are designed by keeping in view their environmental impact (Greenpowerbd). GPL is committed to implementing environmentally sustainable best practices in their operations. Additionally, they are willing to assist their client in their efforts to combat environmental issues by providing specific technology. GPL is working on renewable energy to keep the environment safe from further degradation. It is working hard to establish renewable technology to drive sustainable real estate practices and to reduce the environmental impact. GPL is incorporating environmental consideration into their practices regarding energy consumption, waste disposal, use of materials, and recycling. Green Power Limited is one of the trusted trading partner and EPC Company that follow Material Flow Cost Accounting (MFCA) in order to minimize the environmental impact by reducing the loss of material in the work process.

 The competency of the Green Power Limited (GPL) lies in the construction of Power Plant on a turnkey basis. GPL provides Engineering, Procurement, and Construction (EPC) services to various companies so they can establish their power plant and get the energy to run their turbines. It is noteworthy to mention that textile industries and construction industries in Bangladesh have a need to adopt cleaner and improved technology in order to manage environmental impact to achieve their goals. Green Power Limited is working hard to provide suitable technology and power sources for these industries to attain environmental sustainability. Global warming is a severe threat for all countries in the world as it alters the oceans currents which have a catastrophic impact on various places. Considering the buyers' demand and requirement, Green Power Limited is manufacturing advanced power sources that impose relatively less environmental concerns. GPL makes products for construction industries that are eco-friendly. The construction sector of Bangladesh is not aware of the reimbursement of green buildings. There is an immense need for energy supply for residential sectors due to the increase in the urbanization level (Utopians). According to various researches, it is suggested that the construction of green buildings is vital for Bangladesh to mitigate environmental degradation. However, the majority of people are not aware of the benefits of green buildings. Green Power Limited provides sufficient technology for various companies to create a green building in Bangladesh. GPL collaborate with foreign and potential local companies to excel in the field of power generation. This company is capable of undertaking construction of power plant up to 100MW on turnkey basis. Green Power Limited provides various services in the field of power generation such as the erection of equipment, procurement of equipment, foundations, soil tests, civil works, access roads and general infrastructure works, and testing and commissioning (Greenpowerbd). Green Power Limited provides viable sources to the majority of the construction companies in order to achieve their goals without tempering the environment. Due to their products and services for construction companies, it is critical to understand that Green Power Limited plays a significant part in green building. It provides viable services in the area of medium and high voltage network that are capable of minimizing environmental degradation. It also provides a layout of Sub-station, erection of gantries, installation of piles, concerting of foundations, instrumentation, installation of power transformers and protection systems in order to maintain environmental sustainability (Greenpowerbd).

 There is an urgent need for serious and effective actions to maintain the integrity of the environment in Bangladesh. According to various researches, the majority of companies are responsible for environmental degradation due to illegal waste disposal and hazardous gases emission. Companies often find it easy to dump their wastes in nearby lakes or rivers to avoid the expense of building a proper waste disposal container. Such cruel acts by companies are responsible for the deterioration of the environment. Green Power Limited is working to provide critical products to these construction companies to handle waste disposal that will ultimately reduce environmental degradation. Gas turbine power plant and industrial captive power generation system are remarkable products of Green Power Limited to help other companies in managing environmental sustainability (Greenpowerbd). Many scientists argue that burning fossil fuel is catastrophic for the environment as it emits greenhouse gases. Excessive burning of fossil fuels generates carbon dioxide along with other hazardous gases, which goes into the atmosphere and gets heat up. Due to their heating, the overall temperature of the world is rising, resulting in global warming. According to scientists, it is necessary for companies to switch their fuel consumption from fossil fuels to renewable energy. Renewable energy is adequate for industrial purposes as it helps in attaining environmental sustainability. Green Power Limited provides certain renewable products that help construction companies to minimize the impact of environmental degradation. GPL is well-known for the production of renewable energy products such as solar power plant, hybrid power plant, wind power plant, wind turbines, a gasification system, gasification generator, and biogas generators (Greenpowerbd). These products prove that Green power Limited is working efficiently to resolve the issue of environmental degradation in order to promote environmental sustainability. This company provides a safe environment for its employees in order to develop high-quality products by keeping in view environmental concerns. Unlike many companies, Green Power Limited empowers companies to develop to their fullest potential by considering various environmental paradigms (Greenpowerbd). Construction companies also need to adopt strategies that are in favour of the environment. Inadequate dumping and disposal of waste materials must be monitored and reduced through effective strategies. Companies need to adopt renewable energy as it is eco-friendly. Moreover, green building practices must be adopted to save the ecosystem and community from long term consequences.

**Conclusion**

 In a nutshell, environmental degradation is a crucial issue which must be mitigated with effective strategies. In Bangladesh, the majority of construction companies are contributing to the devastation of the environment. Green Power Limited is working effectively to provide high-quality products and services that are vital to achieving environmental sustainability. Green Power Limited is conducting its business in an environmentally responsible manner. It works with contractors and suppliers to create awareness about various environmental concerns regarding their working processes. This company also provides renewable energy products to make sure that construction companies will use these in order to attain environmental sustainability.

Works Cited

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