**NET Zero Carbon Policy**

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| **Entity:**  BPTP INTERNATIONAL TRADE CENTRE LIMITED | **Section:**  ENVIRONMENTAL POLICY | | **Version:** V2 | | **Effective Date:** 01.07.2023 |
| **Subject:** NET ZERO CARBON | | | | | |
| **Policy Owner:**  Design Head | | **Review Date:**  01.07.2024 | | **Pages:**  2 | |

**APPLICABILITY:** It applies to all projects, including both new construction and existing buildings at BPTP INTERNATIONAL TRADE CENTRE LIMITED.

**PURPOSE:** The purpose of implementing a Net Zero Carbon policy, is to significantly reduce carbon emissions associated with the development and operation. This policy aims to create a sustainable and environment-friendly urban environment by minimizing the carbon footprint and promoting the use of renewable energy sources. By adopting a Net Zero Carbon policy, BPTP can contribute to global efforts in mitigating climate change and reducing greenhouse gas emissions. The policy will guide the development and construction of buildings and infrastructure that are energy-efficient and utilize clean energy technologies. Furthermore, the policy will encourage the implementation of sustainable transportation systems, such as promoting the use of electric vehicles and improving public transportation infrastructure. This will help reduce emissions from transportation within BPTP. The ultimate goal of the Net Zero Carbon policy is to achieve a balance between the carbon emissions produced and the amount of carbon offset or removed from the atmosphere. This will ensure that BPTP operates in a manner that is environmentally responsible and sustainable, while also providing a high quality of life for its residents and visitors.

**POLICY OUTLINE:** The process of lowering greenhouse gas emissions and eliminating carbon dioxide from the atmosphere is referred to as net zero, or carbon neutrality. Achieving net zero carbon is one of the best strategies to combat the pressing global issue of climate change. This entails cutting emissions to a level where carbon sinks like soils, forests, and oceans can absorb the excess carbon. Many approaches, such as carbon capture technologies, renewable energy sources, and energy efficiency improvements, can be used to reach net zero carbon emissions. Globally, nations must transition to a zero-carbon economy in order to mitigate the consequences of climate change. They need to increase their use of clean energy sources and concentrate on lowering emissions in order to achieve this. Renewable energy sources and green energy initiatives must be used in combination to achieve net zero carbon emissions. This would guarantee that the planet's resources are used responsibly and help us achieve our goals for sustainable development.

**To support this policy, BPTP will:**

* Incorporate renewable energy sources into the infrastructure. This allows for clean and sustainable energy generation, reducing reliance on fossil fuels. Installing solar panels on rooftops of buildings can harness the power of the sun to generate electricity. This renewable energy source can be used to meet the energy needs. Investing in renewable energy is a way to support the transition to a more sustainable and low-carbon future. By allocating our investments towards renewable energy projects, reforestation projects and carbon offset projects, we can contribute to reducing greenhouse gas emissions and mitigating climate change.
* Adopting responsible land management practices that prioritize the preservation of natural habitats and increase green cover using native and drought tolerant trees for our portfolio.
* Incorporate construction materials with low embodied carbon, high recycled content and source through local vendors to reduce transportation emissions.
* Promote energy-efficient design and construction practices for buildings such as
* Building Orientation: Designing buildings to maximize natural light and heat gain, reducing the need for artificial lighting and heating.
* Insulation: Using high-quality insulation materials to minimize heat transfer through walls, roofs, and windows, reducing the need for heating and cooling.
* Efficient Windows: Installing energy-efficient windows with low-emissivity coatings and proper sealing to minimize heat loss or gain.
* Lighting: Incorporating energy-efficient LED lighting fixtures and utilizing natural lighting wherever possible.
* HVAC Systems: Installing energy-efficient heating, ventilation, and air conditioning (HVAC) systems with programmable thermostats and efficient filters.
* Energy Management Systems: Implementing smart energy management systems to monitor and optimize energy usage in real-time.
* Efficient Appliances and Equipment: Selecting energy-efficient appliances and equipment, such as ENERGY STAR-rated products, for use within the building.
* Conduct regular energy audits to identify areas for improvement.
* Promote sustainable transportation options, such as
* Electric Vehicles (EVs): Electric cars, bikes, and scooters are powered by electricity instead of fossil fuels, reducing greenhouse gas emissions.
* Public Transportation: Taking buses, trains, or subways helps reduce the number of individual vehicles on the road, leading to less traffic congestion and lower emissions.
* Cycling: Riding bicycles not only reduces carbon emissions but also promotes physical fitness and improves air quality.
* Walking: Opting to walk for shorter distances instead of driving helps reduce pollution and promotes a healthier lifestyle.
* Carpooling and Ridesharing: Sharing rides with others going in the same direction helps reduce the number of vehicles on the road, saving fuel and reducing emissions.
* Promote green building certifications for 100% of the portfolio.
* Provide training and resources to employees on sustainability and net zero practices.
* Conduct regular energy audits to track energy consumption and identify areas for further improvement.
* Report regularly on our progress towards net zero goals to stakeholders through annual ESG report detailing our achievements and areas of improvement.

**RESPONSIBILITY:** Everybody involved in our endeavors to manage and oversee NET Zero Carbon policy, including statutory (technical) authorities, subject matter experts, business associates, contractors, clients, occupants, and our own staff.

**AMENDMENTS:** This policy is subject to any changes in the applicable laws, rules and regulations by the management.