BUSINESS CONCEPT PROPOSAL

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Introduction

The development and eventual implementation of any idea have to be accompanied by a significant magnitude of planning, for the sake of gaining formidable successes in the long run. The following concept proposal in question aims to provide an appropriate rationale and relevant details pertaining to the implementation and eventual installation of solar energy panels on different corporate offices and industries, for the sake of enabling energy utilization on an even more efficient basis. The aims, objectives and detailed information regarding the concept proposal topic have been provided below as well. Herein, the following is a concept proposal regarding the aforementioned topics, with a specific focus on its main features.

Background and Rationale of the Concept Proposal

The use of non-renewable energy sources such as the fossil fuels has been the main trend in industries, offices and working places of regions all across the world. To the present day, most of the energy used for the completion of the major operations and tasks is derived from the non-renewable energy sources. The depletion of the sources of the said form of energy, coupled with the high propensity of pollution caused by them, is a major cause of concern that needs to be acknowledged and mitigated for the sake of the future. Solar energy proves to be an excellent alternative for use in places such as the various corporate offices, with the advantages of less pollution and the prevention of any kind of excessive depletion of the existing sources of renewable energy sources (Lewis, 2016). The completion of proposals and projects of this kind can be a positive step forward in this direction, with the widespread use of solar panels for energy generation in places such as corporate offices being a major objective in this direction.

Aims and Objectives of the Concept Proposal

The main aims and objectives of the concept proposal in question are:

- The determination of the best methods of implementing solar energy panels for energy generation in corporate offices on a large scale
- Gaining the understanding of the main requirements for eventual success in this context
- Determining the necessary resources and providing relevant recommendations in this regard

Main Questions for Consideration

The main research questions for consideration in this context include:

- What are the best methods of implementing solar energy panels for energy generation in corporate offices on a large scale?
- What are the main requirements for completing an objective of this nature and magnitude?

Literature Review

The consumption of energy has drastically risen in the last few decades owing to the advent of massive industrialization and technological innovations. The massive consumption of energy has proven to directly affect several aspects like excessive pollution and resource depletion in regions all across the world. A very high rate of dependence on the non-renewable sources of energy has been observed, with the continuing trend of energy exploitation in this manner potentially resulting in massive environmental damage and a potential lack of resources for the future generation. The introduction of the various methods of exploiting the renewable sources of energy (such as the wind and solar energy) has proven to be a great alternative to the existing methods. This is so in the context of both resource depletion and pollution, with the use of solar energy, in particular, being very beneficial. The introduction of devices such as the solar energy panels has been very useful as well, with more and more entities making use of them for the generation of the energy required for their daily purposes (Lane, 2018).

A wide-scale implementation of solar energy panels in places such as small industries, households and even the corporate office places can have tremendous impacts. This is obvious from the examples of the places which have managed to install the solar energy panels on a small scale, with the benefits being comparatively better. The use of solar panels and the higher rate of solar energy exploitation can lead to the management of the daily energy-requiring operations in a far more efficient and better manner (Sengupta et al. 2017).

Figure 1: Solar Panels

(Source: Lane, 2018)

Methodology and Collection of Data

The use of appropriate research philosophy, approach and design is necessary for the smooth completion of the project in the long run. The requirements of the project have necessitated the use of a positivism philosophy, deductive approach and descriptive, for the sake of accurately managing the gathered information and developing a proper conclusion. The use of primary and secondary data collection methods has been initiated as well, with the primary methods including surveys and interviews (of relevant personnel and managers of solar energy plants) and the secondary methods include the use of journals, books and the internet.

Timeline of the Tasks

Proposal Activities	First Week	Second Week	Third Week	Fourth Week	Fifth Week	Sixth Week	Seventh Week
Topic Selection	✓						
Composition and Gathering of Secondary Information		✓					
Implementation of chosen Research Methodology			✓				
Primary Information Gathering				✓	✓		
Analysis of Procured Data				✓	✓		
Final Findings						✓	
Determination of the Conclusion						✓	
Final Proposal Submission							✓

Table 1: Timeline of the Tasks

(Source: Created by Self)

Summary of the Concept Proposal

To summarize, the main points of the concept proposal are:

- Drastic non-renewable energy sources use poses serious problems
- Alternatives for the same are necessary
- Costs are also on the rise
- Solar energy is a great solution in this context
- Solar panels are already in use in some areas
- The widespread use of the panels in places such as corporate offices and small industries can be very helpful
- Pollution mitigation is possible in such a scenario
- Non-renewable resource depletion can be mitigated as well
- Future generations and long-term benefits can be looked after appropriately
- Solar energy use in corporate offices can also set a precedent for long-term use in other sectors
- Costs can be manageable
- Energy generation is also satisfactory
- Energy exploitation aspects are manageable
- Appropriate proposal implementation can be helpful in the industrial ecology aspects
- Environmental benefits are also possible in the proposed concept

References

Lane, G. A. (2018). *Solar Heat Storage: Volume II: Latent Heat Material*. CRC press.

Lewis, N. S. (2016). Research opportunities to advance solar energy utilization. *Science*, *351*(6271), aad1920.

Sengupta, M., Habte, A., Gueymard, C., Wilbert, S., & Renne, D. (2017). *Best practices handbook for the collection and use of solar resource data for solar energy applications* (No. NREL/TP-5D00-68886). National Renewable Energy Lab.(NREL), Golden, CO (United States).