

**A
PROJECT
ON**

**“SOLAR: RESEARCH FOR BRIGHTER
TOMORROW”**

Submitted to

**Shiksha Mandal's
G. S. COLLEGE OF COMMERCE & ECONOMICS, NAGPUR
(AUTONOMOUS)
In the Partial fulfillment of**

B.Com. (Computer Application) Final Year

Submitted by

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**Under the Guidance of
Pravin J. Yadao**



**Shiksha Mandal's
G. S. COLLEGE OF COMMERCE & ECONOMICS, NAGPUR
(AUTONOMOUS)
2022-2023**

Shiksha Mandal's

**G. S. COLLEGE OF COMMERCE & ECONOMICS,
NAGPUR
(AUTONOMOUS)**

CERTIFICATE

(2022-2023)

This is to certify that Mr. Bhavesh Rajendra Kokse and Miss. Sagan Kaur Jabbal has completed their project on the topic of “SOLAR : RESEARCH FOR BRIGHTER TOMORROW” prescribed by G. S. College of Commerce & Economics, Nagpur (Autonomous) for B.Com. (Computer Application) – Semester-VI.

Date:

Place: Nagpur

Pravin J. Yadao

Project Guide

External Examiner

Internal Examiner

ACKNOWLEDGEMENT

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1. Bhavesh R. Kokse
2. Sagan Kaur Jabbal

Date:

Place: Nagpur

DECLARATION

We **Bhavesh Rajendra Kokse and Sagan Kaur Jabbal** hereby honestly declare that the work entitled “**SOLAR: RESEARCH FOR BRIGHTER TOMORROW**” submitted by us at G. S. College of Commerce & Economics, Nagpur (Autonomous) in partial fulfillment of requirement for the award of B.Com. (Computer Application) degree by Rashtrasant Tukadoji Maharaj, Nagpur University, Nagpur has not been submitted elsewhere for the award of any degree, during the academic session 2022-2023.

The project has been developed and completed by us independently under the supervision of the subject teacher and project guide.

1. Bhavesh Rajendra Kokse
2. Sagan Kaur Jabbal

Date:

Place: Nagpur

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Introduction

Introduction:

Our project Title is “SOLAR: RESEARCH FOR BRIGHTER TOMORROW”. This project is based on providing the knowledge of SOLAR to the new techno-savvy generation. As we know, there is a rapid growth in this techno world. So, we’ll move a step forward to know the whole history, development and process of Solar along with its phases and working.

Solar energy is the radiation from the sun capable of producing heat, causing chemical reactions, or generating electricity. The total amount of solar energy received on earth is vastly more than the world’s current and anticipated energy requirements. If suitably harnessed, solar energy has the potential to satisfy all future energy needs.

This website will help us to create awareness among us to know the history of the solar energy from ancient civilizations from Egypt, China, India, Africa, Greece, Rome, Mexico.., especially in societies that were primarily dependent on agriculture and believe the sun could grant prosperity and sustenance. The first sundial, the earliest type of timekeeping device, dates back to 3500 B.C. The Indian observatory-Jantar Mantar features many instruments to measure the position and distances of extraterrestrial bodies along with the world’s largest sundial.

Sun is the closest star to earth and offers an immense source of energy. Every hour of the day, earth receives around 430 Quintilian joules of energy from the sun and this energy would be sufficient to meet the global energy demands if harnessed as electricity. Over time, the humans have identified the sun not just as a deity but as a sustainable source of energy. The evolution of solar energy has been gradual and today, the solar industry has become a dominant source of renewable power. Though it is assumed by many that the idea of solar panels is a new age technology, the strategic use of the sun for heating and cooling was discovered around 2400 years ago.

The Greek philosopher, Socrates observed a phenomenon called passive solar architecture to best utilization of rotation of the Earth, where if strategically placed, the homes could get maximum sunlight during winter and minimal sunlight in summer. It has been nearly 200 years since the innovation of Solar cells and the technology has been evolving ever since.

OBJECTIVES

Objectives:

- **Creating awareness:** This website will help us in creating awareness among public about solar power to generate electricity, solar thermal energy (Including solar water heating), and solar architecture.
- **Sharing views:** The users can also share or exchange their views through comment section provided in website and also users will get to know about others opinion on such things.
- **User Friendly:** This website aims to providing a user-friendly interface for the user as it considered as the most important factor while developing any website or application. The interface is designed such that the user having basic working knowledge of computers can use this website easily. Therefore, there will be no need to train the user to go through the website.
- **Sustainable growth:** Solar energy would help steady energy prices and give numerous social, environmental and economic benefits. This had been indicated by solar energy's contribution to achieving sustainable development through meeting energy demands, creating jobs and protecting the environment.
- **Global leaders:** To establish India as a global leader in solar energy by creating the policy condition for solar technology diffusion across the country as quickly as possible .
- **Time Saver:** The websites and applications are made to avoid waste of time of both customers and service providers. The user need can get all the information they are required at one place. So, the user don't have to visit n number of websites.

- **Providing facilities:** Providing quality content on our website, regularly adding new information and establishing trust in People.

- **Collective source of Information:** In this modern time, everybody wants to get all the details at a single platform. We provide all the information about the facilities provided by the Governmental policies, laws, norms and acts.

PRELIMINARY SYSTEM ANALYSIS

Preliminary System Analysis:

1. Preliminary Investigation: The preliminary investigation occurs with an analysis for the problem - Solar importance which is decreasing day by day. To aware and to let in use of solar panels as to save energy and trap fresh, clean and green energy from sun. As we aware that the enhancement of technology has been increasing rapidly due to which the importance of solar is to promote integrated power generation projects of solar with conventional and renewable sources, statements of problems and solar radiations.

System Identification: The website or system is identified or developed at this stage has a very important step in coming future as which provide all the relevant contents regarding Solar Power including usage, history, schemes in one platform which is useful in generating awareness among people in present as well as in coming future.

❖ **System Scope:** Generating Awareness among peoples about Tax reduction and incentives, durability and easy maintenance, how to protect environment.

2. Alternate Solutions: The best available solution for the problem must be used so that it become more compatible to the user, the content provided in this website provide detail knowledge of it.

3. Present System in Use: The present system is providing lots of services and facilities as it gives us the deep knowledge about Solar energy also the system can be maintained as per user's requirement and changes and updates can be made time to time. In current Website which is developed the written informative content is provided with images for users to only view and read the contents as there will be comment section to share their views.

4. Flaws in present system: Looking to the present system due to outdated version, flaws occurred in present system. Some flaws are:

- **Security:** As security facility is not available so unsecure websites can pose a problem there will be chances of misuse of data and also a user will be hesitate to visit the system.
 - **Website design:** If a system is developed in past several years ago it probably has a lot of deprecated methods and modules that are not support by the latest browsers and new versions of (OS).
 - **Images that lack of quality:** As website is outdated so low resolution of images are available which are unacceptable by users.
 - **Comment facility:** In the present system, comment section is not available because of which the user will not be able to share views and opinions on particular event or incident.
 - **Loading Time:** Due to outdated version slow loading time can absolutely kill the website experience of visitors.
5. **Needs of new system:** This website is designed in such ways which help in overcome all the flaws in current system. The present system is outdated and also security is not provided by current system so there will be need of new system.
- ❖ **Techniques and coding:** If website is developed several years ago it probably has a lot of unnecessary html codes, may slow down website speed so modern techniques such as CSS will increase the quality interface of GUI.
 - ❖ **Content:** The first impression of our website will be over all layout but readers are visiting our website because they are in need for useful and updated information.
 - ❖ **Mobile friendly:** The website is mobile friendly as users can spend more hours online on their Smartphones.
 - ❖ **Responsive:** It's a technique that allows a website to flex and adapt to the size of screen. It's being viewed on.

- ❖ **Measuring Effectiveness:** It will be able to measure the effectiveness of website and old system may not be equipped with necessary tool that will help us to measure how effective our online presence is.
- ❖ **Website speed:** Website loading time is a major factor so due to modern techniques the loading time will be get faster in need.

6) Feasibility Study: The feasibility study mainly concentrates on below five mentioned areas. Among these Economic Feasibility study is most important part of the feasibility analysis and legal Feasibility is less considered feasibility analysis.

✓ **Technical Feasibility:-**

In Technical Feasibility current resources both hardware and software along with required technology are analyzed/assessed to develop project. This technical feasibility study gives report whether there exists a correct required resources and technologies which will be used for project development. Along with this, feasibility study also analyses technical skills and capabilities of technical team, existing technology can be used or not, maintenance and upgradation is easy or not for chosen technology etc.

For our Website Solar: Research For Brighter Tomorrow have an importance and have a proper Pc, laptop and as it is mobile friendly they can access it with mobile also, and to access this on web browser user must have an internet availability on their respective devices.

✓ **Operational Feasibility:-**

In Operational Feasibility degree of providing services to requirements is analyzed along with how much easy products will be to operate and maintenance after deployment. Along with this other operational scopes are determining usability of product, determining suggested solutions by software development team is acceptable or not etc. In operational feasibility analysis, the easy and simplicity of operation of proposed system is highlighted. Our Website Solar: Research For Brighter Tomorrow does not require any special skill set for users to operate it. In

fact, it is designed to be used by almost everyone very easily.

✓ **Economic Feasibility-**

In Economic Feasibility study cost and benefit of the project is analyzed. Means under this feasibility study a detail analysis is carried out what will be the cost of the project for development which include all required cost for final development like hardware and software required, design and development cost and operational cost and so on. After that it is analyzed whether project will be beneficial in terms of finance for organization or not. Hence, we find the total cost and benefits if the proposed system over current system. For this project, the main cost is documentation cost. Again, they are cheaper and available. As far as maintenance is concerned, our website Solar: Research For Brighter Tomorrow won't cost too much.

✓ **Legal Feasibility:-**

In Legal Feasibility study project is analyzed in legality point of view. This includes analyzing barriers of legal implementation of project, data protection acts or social media laws, project certificate, license, copyright etc. Overall it can be said that Legal Feasibility Study is study to know if proposed project conform legal and ethical requirements.

The project Solar: Research For Brighter Tomorrow Importance, meets all legal and ethical requirements, as needed as it has used solely open source references and has not violated any legal or ethical boundaries that the developers are aware of.

✓ **Social Feasibility:-**

Social feasibility is a detailed study on how one interacts with others within a system or an organization. Social impact analysis is an exercise aimed at identifying and analyzing such impacts in order to understand the scale and reach of the project's social impacts. Our Website is built in accordance with the solar to provide solutions to mitigated undesirable events. The project Solar: Research For Brighter Tomorrow is named so as to not offend any local technologies.

PROJECT CATEGORY

Project Category :

In this project “Solar: Research For Brighter Tomorrow”. We have used HTML, CSS, Bootstrap, Java script languages.

HTML (Hyper Text Markup Language):

HTML stands for Hyper Text Markup Language. It is used to design web pages using a markup language. HTML is the combination of Hypertext and Markup language. Hypertext defines the link between the web pages. A markup language is used to define the text document within tag which defines the structure of web pages. This language is used to annotate (make notes for the computer) text so that a machine can understand it and manipulate text accordingly. Most markup languages (e.g. HTML) are human-readable. The language uses tags to define what manipulation has to be done on the text. HTML is a markup language used by the browser to manipulate text, images, and other content, in order to display it in the required format.

The Hyper Text Markup Language or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript. Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

Hyper Text Markup Language (HTML) is the set of markup symbols or codes inserted into a file intended for display on the Internet. The markup tells web browsers how to display a web page's words and images. Each individual piece markup code (which would fall between "<" and ">" characters) is referred to as an element, though many people also refer to it as a tag. Some elements come in pairs that indicate when some display effect is to begin and when it is to end.

HTML elements are delineated by tags, written using angular brackets. Tags such as

 and <input> directly introduce content into the page. Other tags such as

<p>

surrounded and provide information about document text and may include other tags as sub-elements. Browsers do not display the HTML tags, but use them to, interpret the content is the page.

Hyper Text is the method by which Internet users navigate the web. By clicking on special text called hyperlinks, users are brought to new pages. The use of hyper means it is not linear, so users can go anywhere on the Internet simply by clicking on the available links. Markup is what HTML tags do to the text inside of them; they mark it as a specific type of text. For example, markup text could come in the form of boldface or italicized type to draw specific attention to a word or phrase.

SYNTAX:

```
<!DOCTYPE html>  
<HTML>  
  
    <HEAD>  
  
        <TITLE> Page Title </TITLE>  
  
    </HEAD>  
  
    <BODY>  
  
        Main Content  
  
    </BODY>  
  
</HTML>
```

Syntax Explained:

The `<!DOCTYPE html>` declaration defines that this document is an HTML5 document.

<HTML>: The `<HTML>` element is the root element of an HTML page. HTML document starts and ends with an `<HTML>` tag. Once you open an `<HTML>` tag you are expected to close it by calling `</HTML>` tag.

<HEAD>: The `<HEAD>` element contains Meta information about the HTML page. To create a head element start with `<head>` then include all of the elements you want in your head section, then end the head element with a `</head>` tag.

<TITLE>: The `<TITLE>` element specifies a title for the HTML page (which is shown in the browser's title bar or in the page's tab).

<BODY>: The `<BODY>` element defines the document's body, and is a container for all the visible contents, such as headings, paragraphs, images, hyperlinks, tables, lists, etc. The real content for any HTML document occurs in the body section, which is enclosed between `<BODY>` and `</BODY>` tags.

ELEMENTS:

There are two categories of HTML elements used in the body section:

- Block-Level Elements
- Text-Level Element

Block-level elements: Block-level elements are used to define groups of text for a specific role. They include tags that position text on the page, begin new paragraphs, set heading levels and create lists. Some commonly used block-level elements and their tags are:

Paragraph: `<P>` and `</P>`

Heading, level one:<H1> and </H1>

Heading, level two:<H2> and </H2>

Horizontal rule:<HR>

Centering:<CENTER>

PARAGRAPH:<P> and </P>

Heading, level one: <H1> and </H1>

Heading, level two:<H2> and </H2>

Horizontal rule:<HR>

Centering:<CENTER>

Bold: and

Italic:<I> and </I>

Line-break:

Link anchor: and

CSS (Cascading Style Sheet)

Cascading Style Sheets, fondly referred to as CSS, is a simply designed language intended to simplify the process of making web pages presentable. CSS allows you to apply styles to web pages. More importantly, CSS enables you to do this independent of the HTML that makes up each web page. CSS is easy to learn and understood, but it provides powerful control over the presentation of an HTML document.

Cascading Style Sheets, fondly referred to as CSS, is a simply designed language intended to simplify the process of making web pages presentable. CSS allows you to apply styles to web pages. More importantly, CSS enables you to do this independent of the HTML that makes up each web page. CSS is easy to learn and understood, but it provides powerful control over the presentation of an HTML document. A CSS comprises style rules that are interpreted by the browser and then applied to the corresponding elements in your document. A style rule set consists of a selector and declaration block.

There are three types of CSS which are given below:

- Inline CSS
- Internal or Embedded CSS
- External CSS

Properties:

CSS uses various properties to enhance the presentation of results. These properties are background, border, font, float, display, margin, opacity, padding, text-align, vertical-align, position, colour etc.

SYNTAX:

1. Inline CSS:

```
<htmltag style="cssproperty1:value; cssproperty2:value;">  
</htmltag>
```

2. Internal or Embedded CSS:

```
<!DOCTYPE html>

<HTML>

    <HEAD>

<!-- Head section of web page -->

<TITLE></TITLE>

<!-- Stylesheet of web page -->

<STYLE></STYLE>

</HEAD>
```

3. External CSS:

```
<
    <head>
    <
    <link rel="stylesheet" type="text/css" href="mystyle.css"
    >
    >
```

Java Script:

JavaScript is a lightweight, interpreted, or just-in-time language compiled programming language with first class functions. While it is most well-known as scripting language for web pages, many non-browsing environments also use it.

JavaScript is a prototype-based, multi-paradigm, single-threaded, dynamic language, supporting object-oriented, imperative and declarative styles. JavaScript is a scripting

language, primarily used on Web. It is used to enhance HTML page and is commonly found embed in HTML code. JavaScript is an interpreted language. Thus, it doesn't need to compiled. JavaScript renders web page in an interactive and dynamic fashion. This allows the page to react to events, exhibit special effects, accept variable text, validate data, create cookies, detect a user's browser, etc.

BOOTSTRAP:

Bootstrap is a free front-end framework for faster and easier web development. Bootstrap includes HTML and CSS based designed templates for typography, forms, buttons, tables, navigations, modals, image carousels and many other, as well as optional JavaScript plugins. Bootstrap also give you the ability to easily create responsive designs.

Features of Bootstrap:

- 1. Easy to Use:-** Anybody with just basic knowledge of HTML and CSS can start using Bootstrap.
- 2. Responsive Features:-** Bootstrap's responsive CSS adjusts to phones, tablets, and desktop.
- 3. Mobile Friendly:-** Mobile-first approach: In Bootstrap 3, mobile-first style are part of the core framework.
- 4. Simple Integrated:-** Bootstrap can be simply integrated along with distinct other platforms and frameworks, on existing sites and new ones too and one more things you can also utilize particular elements of Bootstrap along with your current CSS.
- 5. Pre-styled Components:-** Bootstrap approach with pre-styled components for alters, dropdown, navigation bars, etc.

6. Customizable Bootstrap:- The Bootstrap can be customized as per the designs of your project.

SOFTWARE AND HARDWARE REQUIREMENT SPECIFICATIONS

SOFTWARE AND HARDWARE REQUIRED SPECIFICATION

SOFTWARE:

Every website and application needs Software in which they can be executed and Hardware to perform the functions and operations effectively. Some Websites and applications are not compatible with all the devices having different hardware and software configurations.

Some websites and application requires a specific platform to execute the operation, some websites are not compatible with all the browsers as we have so many browsers available in the market like Internet Explorer, Google Chrome, Mozilla Firefox, etc. Some features are not supported by all the browsers, hence the right browser should be selected for the operation.

SOFTWARE REQUIREMENTS:

A computer system is divided into two categories: Hardware and Software. Hardware refers to the physical and visible components of the system such as monitor, CPU, keyboard and mouse. Software, on the other hand, refers to a set of instructions which enable the hardware to perform a specific set of task.

HARDWARE REQUIREMENTS:

RAM – 4GB

Processor – 1.6 GHz or faster processor.

Operating System – Windows 7 or later.

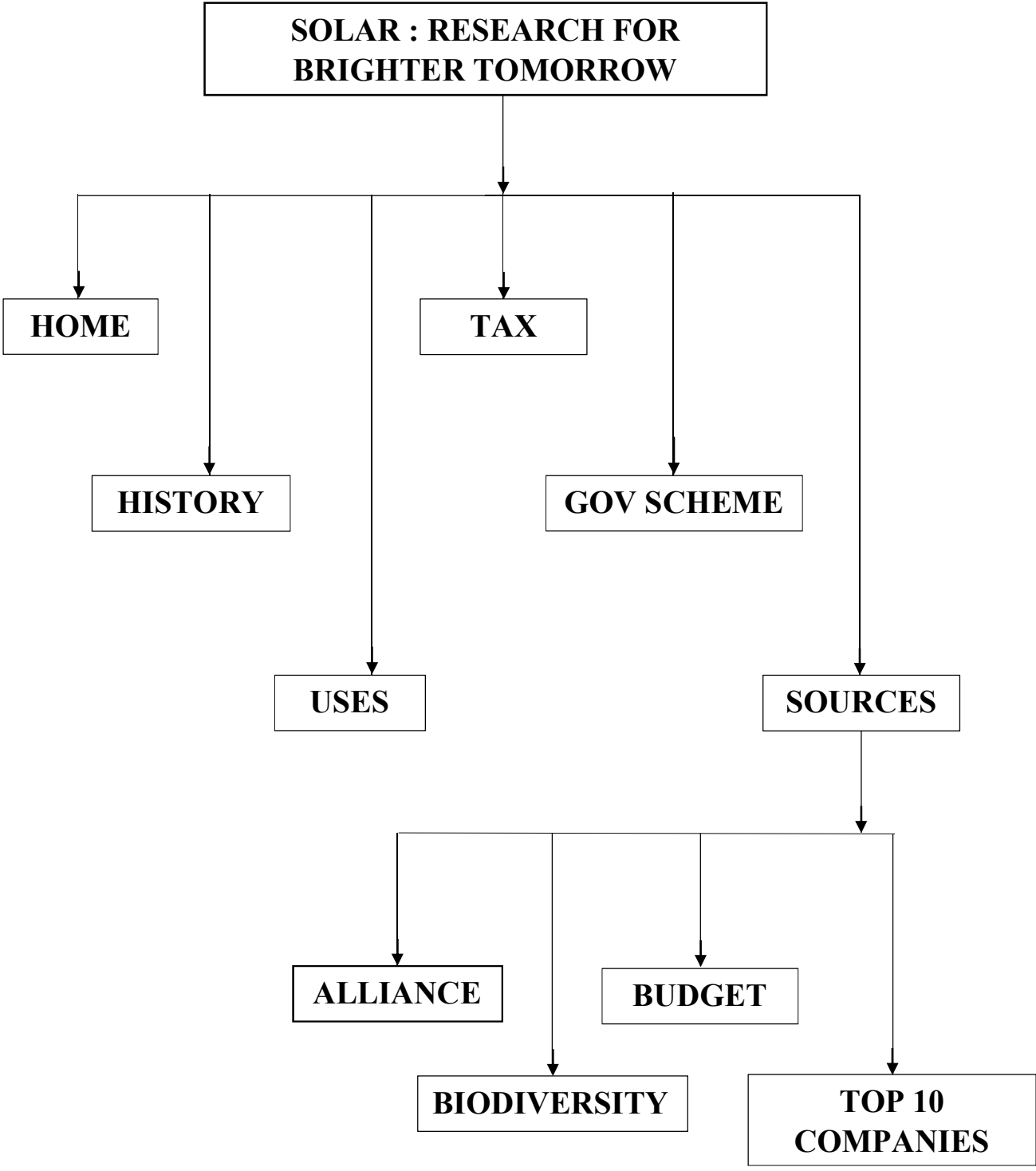
Hard-Disk space – At least 10 GB.

Connection – Wi-Fi Adaptor or an active internet connection.

Any browser (supports JavaScript) like Internet Explorer, chrome.

DETAILED SYSTEM ANALYSIS

DATA FLOW DIAGRAM:



Source Code:

Home Page:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <title>Solar</title>
    <meta content="width=device-width, initial-scale=1.0" name="viewport">
    <meta content="" name="keywords">
    <meta content="" name="description">

    <!-- Favicon -->
    <link href="img/favicon.ico" rel="icon">

    <!-- Google Web Fonts -->
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=Open+Sans:wght@400;500&family=
Roboto:wght@500;700;900&display=swap" rel="stylesheet">

    <!-- Icon Font Stylesheet -->
    <link href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.10.0/css/all.min.css" rel="stylesheet">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.4.1/font/bootstrap-
icons.css" rel="stylesheet">

    <!-- Libraries Stylesheet -->
    <link href="lib/animate/animate.min.css" rel="stylesheet">
    <link href="lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">
    <link href="lib/lightbox/css/lightbox.min.css" rel="stylesheet">

    <!-- Customized Bootstrap Stylesheet -->
```

```

<link href="css/bootstrap.min.css" rel="stylesheet">

<!-- Template Stylesheet -->
<link href="css/style.css" rel="stylesheet">
</head>
<body>
  <!-- Spinner Start -->
  <div id="spinner" class="show bg-white position-fixed translate-middle w-100
vh-100 top-50 start-50 d-flex align-items-center justify-content-center">
    <div class="spinner-border text-primary" style="width: 3rem; height: 3rem;"
role="status">
      <span class="sr-only">Loading...</span>
    </div>
  </div>
  <!-- Spinner End -->

  <!-- Topbar Start -->
  <div class="container-fluid bg-dark p-0">
    <div class="row gx-0 d-none d-lg-flex">
      <div class="col-lg-7 px-5 text-start">
        <div class="h-100 d-inline-flex align-items-center me-4">
          <small class="fa fa-map-marker-alt text-primary me-2"></small>
          <small>GS COLLEGE, Amravati road, Civil lines, Nagpur </small>
        </div>
        <div class="h-100 d-inline-flex align-items-center">
          <small class="far fa-clock text-primary me-2"></small>
          <small>Mon - Fri : 09.00 AM - 09.00 PM</small>
        </div>
      </div>
      <div class="col-lg-5 px-5 text-end">
        <div class="h-100 d-inline-flex align-items-center me-4">
          <small class="fa fa-phone-alt text-primary me-2"></small>
          <small>8623080249, 9130658447</small>
        </div>
      </div>
    </div>
  </div>

```

```

    <div class="h-100 d-inline-flex align-items-center mx-n2">
      <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.facebook.com"><i class="fab fa-facebook-
f"></i></a>
      <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.twitter.com"><i class="fab fa-twitter"></i></a>
      <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.linkedin.com"><i class="fab fa-linkedin-
in"></i></a>
      <a class="btn btn-square btn-link rounded-0"
href="https://www.instagram.com"><i class="fab fa-instagram"></i></a>
    </div>
  </div>
</div>
</div>
<!-- Topbar End -->

<!-- Navbar Start -->
<nav <nav class="navbar navbar-expand-lg bg-white navbar-light sticky-top p-
0">
  <a href="index.html" class="navbar-brand d-flex align-items-center border-
end px-4 px-lg-5">
    <h2 class="m-0 text-primary">Solartec</h2>
  </a>
  <button type="button" class="navbar-toggler me-4" data-bs-
toggle="collapse" data-bs-target="#navbarCollapse">
    <span class="navbar-toggler-icon"></span>
  </button>
  <div class="collapse navbar-collapse" id="navbarCollapse">
    <div class="navbar-nav ms-auto p-4 p-lg-0">
      <a href="index.html" class="nav-item nav-link active">Home</a>
      <a href="history.html" class="nav-item nav-link">History</a>
      <a href="uses.html" class="nav-item nav-link">Uses</a>
      <a href="tax.html" class="nav-item nav-link">Tax</a>
    </div>
  </div>
</nav>

```

```

        <a href="government-scheme.html" class="nav-item nav-link">GOV
Scheme</a>
        <div class="nav-item dropdown">
            <a href="#" class="nav-link dropdown-toggle" data-bs-
toggle="dropdown">Source</a>
            <div class="dropdown-menu bg-light m-0">
                <a href="alliances.html" class="dropdown-item">Alliance</a>
                <a href="bidiversitycity.html" class="dropdown-
item">Biodiversity</a>
                <a href="budget.html" class="dropdown-item">Budget</a>
                <a href="company-list.html" class="dropdown-item">Top 10
Companies</a>
            </div>
        </div>
        <a href="" class="nav-item nav-link"></a>
    </div>
    <a href="download/future solar.pdf" class="btn btn-primary rounded-0
py-4 px-lg-5 d-none d-lg-block">Get A Quote<i class="fa fa-arrow-right ms-
3"></i></a>
</div>
</nav>
<!-- Navbar End -->

<!-- Carousel Start -->
<div class="container-fluid p-0 pb-5 wow fadeIn" data-wow-delay="0.1s">
    <div class="owl-carousel header-carousel position-relative">
        <div class="owl-carousel-item position-relative" data-dot="<img
src='img/carousel-1.jpg'>">
            
            <div class="owl-carousel-inner">
                <div class="container">
                    <div class="row justify-content-start">
                        <div class="col-10 col-lg-8">
                            <h1 class="display-2 text-white animated

```



```
slideDown">Solar: Research For Brighter Tomorrow</h1>
```

```
    <p class="fs-5 fw-medium text-white mb-4 pb-3">Once you  
got a solar panel on the roof, energy is free. once we convert our entire electricity grid  
to green and renewable energy, cost of living goes down.</p>
```

```
  </div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="owl-carousel-item position-relative" data-dot="<img  
src='img/carousel-2.jpg'>">
```

```
  
```

```
  <div class="owl-carousel-inner">
```

```
    <div class="container">
```

```
      <div class="row justify-content-start">
```

```
        <div class="col-10 col-lg-8">
```

```
          <h1 class="display-2 text-white animated  
slideDown">Solar: Research For Brighter Tomorrow</h1>
```

```
          <p class="fs-5 fw-medium text-white mb-4 pb-3">Once you  
got a solar panel on the roof, energy is free. once we convert our entire electricity grid  
to green and renewable energy, cost of living goes down.</p>
```

```
        </div>
```

```
      </div>
```

```
    </div>
```

```
</div>
```

```
<div class="owl-carousel-item position-relative" data-dot="<img  
src='img/carousel-3.jpg'>">
```

```
  
```

```
  <div class="owl-carousel-inner">
```

```
    <div class="container">
```

```
      <div class="row justify-content-start">
```

```
        <div class="col-10 col-lg-8">
```

```
          <h1 class="display-2 text-white animated
```

```
slideDown">Solar: Research For Brighter Tomorrow</h1>
```

```
    <p class="fs-5 fw-medium text-white mb-4 pb-3">Once you  
got a solar panel on the roof, energy is free. once we convert our entire electricity grid  
to green and renewable energy, cost of living goes down.</p>
```

```
  </div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<!-- Carousel End -->
```

```
<!-- Feature Start -->
```

```
<div class="container-xxl py-5">
```

```
  <div class="container">
```

```
    <div class="row g-5">
```

```
      <div class="col-md-6 col-lg-3 wow fadeIn" data-wow-delay="0.1s">
```

```
        <div class="d-flex align-items-center mb-4">
```

```
          <div class="btn-lg-square bg-primary rounded-circle me-3">
```

```
            <i class="fa fa-users text-white"></i>
```

```
          </div>
```

```
          <h1 class="mb-0" ></h1>
```

```
        </div>
```

```
        <h5 class="mb-3">The Sun</h5>
```

```
        <span>Experience the Power of The Sun at its Finest</span>
```

```
      </div>
```

```
      <div class="col-md-6 col-lg-3 wow fadeIn" data-wow-delay="0.3s">
```

```
        <div class="d-flex align-items-center mb-4">
```

```
          <div class="btn-lg-square bg-primary rounded-circle me-3">
```

```
            <i class="fa fa-check text-white"></i>
```

```
          </div>
```

```
          <h1 class="mb-0" ></h1>
```

```
        </div>
```

```

        <h5 class="mb-3">Jobs</h5>
        <span>Renewable energy could reduce emissions but also create jobs
and improve public health.</span>
    </div>
<div class="col-md-6 col-lg-3 wow fadeIn" data-wow-delay="0.5s">
    <div class="d-flex align-items-center mb-4">
        <div class="btn-lg-square bg-primary rounded-circle me-3">
            <i class="fa fa-award text-white"></i>
        </div>
        <h1 class="mb-0" ></h1>
    </div>
    <h5 class="mb-3">Investment</h5>
    <span>Long term investment in solar energy can provide clean, green
and renewable electricity for decades.</span>
</div>
<div class="col-md-6 col-lg-3 wow fadeIn" data-wow-delay="0.7s">
    <div class="d-flex align-items-center mb-4">
        <div class="btn-lg-square bg-primary rounded-circle me-3">
            <i class="fa fa-users-cog text-white"></i>
        </div>
        <h1 class="mb-0" ></h1>
    </div>
    <h5 class="mb-3">Solar Power</h5>
    <span>Solar power is the last energy resource that isn't owned yet -
nobody taxes the sun yet.</span>
</div>
</div>
</div>
</div>
<!-- Feature Start -->

<!-- About Start -->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
    <div class="container about px-lg-0">

```

```

<div class="row g-0 mx-lg-0">
  <div class="col-lg-6 ps-lg-0 wow fadeIn" data-wow-delay="0.1s"
style="min-height: 400px;">
    <div class="position-relative h-100">
      
    </div>
  </div>
  <div class="col-lg-6 about-text py-5 wow fadeIn" data-wow-
delay="0.5s">
    <div class="p-lg-5 pe-lg-0">
      <h6 class="text-primary">About Us</h6>
      <h1 class="mb-4">Providing Profitability</h1>
      <p>By providing reliable, affordable and efficient solar energy, 1
source Solar is powering profitability for businesses throughout Iowa.</p>
      <p><i class="fa fa-check-circle text-primary me-3"></i>Money
Saving</p>
      <p><i class="fa fa-check-circle text-primary me-
3"></i>Environment Saving</p>
      <p><i class="fa fa-check-circle text-primary me-3"></i>Saving
Natural resources For Tomorrow</p>
    </div>
  </div>
</div>
</div>
</div>
</div>
<!-- About End -->

<!-- Service Start -->
<div class="container-xxl py-5">
  <div class="container">
    <div class="text-center mx-auto mb-5 wow fadeInUp" data-wow-
delay="0.1s" style="max-width: 600px;">
      <h6 class="text-primary"></h6>

```

```
<h1 class="mb-4">We Are Pioneers In The World Of Renewable  
Energy</h1>
```

```
</div>
```

```
<div class="row g-4">
```

```
<div class="col-md-6 col-lg-4 wow fadeInUp" data-wow-delay="0.1s">
```

```
<div class="service-item rounded overflow-hidden">
```

```

```

```
<div class="position-relative p-4 pt-0">
```

```
<div class="service-icon">
```

```
<i class="fa fa-solar-panel fa-3x"></i>
```

```
</div>
```

```
<h4 class="mb-3">Solar Panels</h4>
```

```
<p></p>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="col-md-6 col-lg-4 wow fadeInUp" data-wow-delay="0.3s">
```

```
<div class="service-item rounded overflow-hidden">
```

```

```

```
<div class="position-relative p-4 pt-0">
```

```
<div class="service-icon">
```

```
<i class="fa fa-wind fa-3x"></i>
```

```
</div>
```

```
<h4 class="mb-3">Wind Turbines</h4>
```

```
<p></p>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="col-md-6 col-lg-4 wow fadeInUp" data-wow-delay="0.5s">
```

```
<div class="service-item rounded overflow-hidden">
```

```

```

```
<div class="position-relative p-4 pt-0">
```

```
<div class="service-icon">
```

```
<i class="fa fa-lightbulb fa-3x"></i>
```

```

        </div>
        <h4 class="mb-3">Hydropower Plants</h4>
        <p></p>
    </div>
</div>
<div class="col-md-6 col-lg-4 wow fadeInUp" data-wow-delay="0.1s">
    <div class="service-item rounded overflow-hidden">
        
        <div class="position-relative p-4 pt-0">
            <div class="service-icon">
                <i class="fa fa-solar-panel fa-3x"></i>
            </div>
            <h4 class="mb-3">Solar Panels</h4>
        </div>
    </div>
</div>
<div class="col-md-6 col-lg-4 wow fadeInUp" data-wow-delay="0.3s">
    <div class="service-item rounded overflow-hidden">
        
        <div class="position-relative p-4 pt-0">
            <div class="service-icon">
                <i class="fa fa-wind fa-3x"></i>
            </div>
            <h4 class="mb-3">Wind Turbines</h4>
        </div>
    </div>
</div>
<div class="col-md-6 col-lg-4 wow fadeInUp" data-wow-delay="0.5s">
    <div class="service-item rounded overflow-hidden">
        
        <div class="position-relative p-4 pt-0">
            <div class="service-icon">
                <i class="fa fa-lightbulb fa-3x"></i>
            </div>
        </div>
    </div>
</div>

```

```

        </div>
        <h4 class="mb-3">Hydropower Plants</h4>
    </div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
<!-- Service End -->

```

```

<!-- Feature Start -->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
    <div class="container feature px-lg-0">
        <div class="row g-0 mx-lg-0">
            <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
                <div class="p-lg-5 ps-lg-0">
                    <h6 class="text-primary">Why Choose</h6>
                    <h1 class="mb-4">Complete Commercial & Residential Solar
Systems</h1>
                    <p class="mb-4 pb-2">Solar energy, can be used directly for
Heating and Lighting Homes, for Generating Electricity, for Water Heating, and too
many other Residential & Commercial uses.</p>
                    <div class="row g-4">
                        <div class="col-6">
                            <div class="d-flex align-items-center">
                                <div class="btn-lg-square bg-primary rounded-circle">
                                    <i class="fa fa-check text-white"></i>
                                </div>
                                <div class="ms-4">
                                    <p class="mb-0">Quality</p>
                                    <h5 class="mb-0">Services</h5>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

```
</div>
<div class="col-6">
  <div class="d-flex align-items-center">
    <div class="btn-lg-square bg-primary rounded-circle">
      <i class="fa fa-user-check text-white"></i>
    </div>
    <div class="ms-4">
      <p class="mb-0">Expert</p>
      <h5 class="mb-0">Workers</h5>
    </div>
  </div>
</div>
<div class="col-6">
  <div class="d-flex align-items-center">
    <div class="btn-lg-square bg-primary rounded-circle">
      <i class="fa fa-drafting-compass text-white"></i>
    </div>
    <div class="ms-4">
      <p class="mb-0">Free</p>
      <h5 class="mb-0">Consultation</h5>
    </div>
  </div>
</div>
<div class="col-6">
  <div class="d-flex align-items-center">
    <div class="btn-lg-square bg-primary rounded-circle">
      <i class="fa fa-headphones text-white"></i>
    </div>
    <div class="ms-4">
      <p class="mb-0">Customer</p>
      <h5 class="mb-0">Support</h5>
    </div>
  </div>
</div>
</div>
```



```

        </div>
    </div>
</div>
<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
    <div class="position-relative h-100">
        
    </div>
</div>
</div>
</div>
</div>
<!-- Feature End -->

<!-- Projects Start -->
<div class="container-xxl py-5">
    <div class="container">
        <div class="text-center mx-auto mb-5 wow fadeInUp" data-wow-
delay="0.1s" style="max-width: 600px;">
            <h6 class="text-primary">Our Projects</h6>
            <h1 class="mb-4">Latest Solar And Renewable Energy Projects</h1>
        </div>
        <div class="row mt-n2 wow fadeInUp" data-wow-delay="0.3s">
            <div class="col-12 text-center">
                <ul class="list-inline mb-5" id="portfolio-filters">
                    <li class="mx-2 active" data-filter="*">All</li>
                    <li class="mx-2" data-filter=".first">Solar Panels</li>
                    <li class="mx-2" data-filter=".second">Wind Turbines</li>
                    <li class="mx-2" data-filter=".third">Hydropower Plants</li>
                </ul>
            </div>
        </div>
    </div>
    <div class="row g-4 portfolio-container wow fadeInUp" data-wow-

```

delay="0.5s">

```
<div class="col-lg-4 col-md-6 portfolio-item first">
```

```
<div class="portfolio-img rounded overflow-hidden">
```

```

```

```
<div class="portfolio-btn">
```

```
<a class="btn btn-lg-square btn-outline-light rounded-circle mx-1" href="img/img-600x400-6.jpg" data-lightbox="portfolio"><i class="fa fa-eye"></i></a>
```

```
</div>
```

```
</div>
```

```
<div class="pt-3">
```

```
<p class="text-primary mb-0">Solar Panels</p>
```

```
<hr class="text-primary w-25 my-2">
```

```
<h5 class="lh-base">We Are pioneers of solar & renewable energy industry</h5>
```

```
</div>
```

```
</div>
```

```
<div class="col-lg-4 col-md-6 portfolio-item second">
```

```
<div class="portfolio-img rounded overflow-hidden">
```

```

```

```
<div class="portfolio-btn">
```

```
<a class="btn btn-lg-square btn-outline-light rounded-circle mx-1" href="img/img-600x400-5.jpg" data-lightbox="portfolio"><i class="fa fa-eye"></i></a>
```

```
</div>
```

```
</div>
```

```
<div class="pt-3">
```

```
<p class="text-primary mb-0">Wind Turbines</p>
```

```
<hr class="text-primary w-25 my-2">
```

```
<h5 class="lh-base">We Are pioneers of solar & renewable energy industry</h5>
```

```
</div>
```

```
</div>
```

```
<div class="col-lg-4 col-md-6 portfolio-item third">
```

```

<div class="portfolio-img rounded overflow-hidden">
  
  <div class="portfolio-btn">
    <a class="btn btn-lg-square btn-outline-light rounded-circle mx-
1" href="img/img-600x400-4.jpg" data-lightbox="portfolio"><i class="fa fa-
eye"></i></a>
  </div>
</div>
<div class="pt-3">
  <p class="text-primary mb-0">Hydropower Plants</p>
  <hr class="text-primary w-25 my-2">
  <h5 class="lh-base">We Are pioneers of solar & renewable
energy industry</h5>
</div>
</div>
<div class="col-lg-4 col-md-6 portfolio-item first">
  <div class="portfolio-img rounded overflow-hidden">
    
    <div class="portfolio-btn">
      <a class="btn btn-lg-square btn-outline-light rounded-circle mx-
1" href="img/img-600x400-3.jpg" data-lightbox="portfolio"><i class="fa fa-
eye"></i></a>
    </div>
  </div>
  <div class="pt-3">
    <p class="text-primary mb-0">Solar Panels</p>
    <hr class="text-primary w-25 my-2">
    <h5 class="lh-base">We Are pioneers of solar & renewable
energy industry</h5>
  </div>
</div>
<div class="col-lg-4 col-md-6 portfolio-item second">
  <div class="portfolio-img rounded overflow-hidden">
    

```

```

        <div class="portfolio-btn">
            <a class="btn btn-lg-square btn-outline-light rounded-circle mx-
1" href="img/img-600x400-2.jpg" data-lightbox="portfolio"><i class="fa fa-
eye"></i></a>
        </div>
    </div>
    <div class="pt-3">
        <p class="text-primary mb-0">Wind Turbines</p>
        <hr class="text-primary w-25 my-2">
        <h5 class="lh-base">We Are pioneers of solar & renewable
energy industry</h5>
    </div>
</div>
<div class="col-lg-4 col-md-6 portfolio-item third">
    <div class="portfolio-img rounded overflow-hidden">
        
        <div class="portfolio-btn">
            <a class="btn btn-lg-square btn-outline-light rounded-circle mx-
1" href="img/img-600x400-1.jpg" data-lightbox="portfolio"><i class="fa fa-
eye"></i></a>
        </div>
    </div>
    <div class="pt-3">
        <p class="text-primary mb-0">Hydropower Plants</p>
        <hr class="text-primary w-25 my-2">
        <h5 class="lh-base">We Are pioneers of solar & renewable
energy industry</h5>
    </div>
</div>
</div>
</div>
</div>
</div>
<!-- Projects End -->

```

```

<!-- Badhla solar park -->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
  <div class="container about px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 ps-lg-0 wow fadeIn" data-wow-delay="0.1s"
style="min-height: 400px;">
        <div class="position-relative h-100">
          
        </div>
      </div>
      <div class="col-lg-6 about-text py-5 wow fadeIn" data-wow-
delay="0.5s">
        <div class="p-lg-5 pe-lg-0">
          <h2 class="text-primary">Largest Solar Park in the World</h2>
          <h1 class="mb-4">Bhadla Solar Park</h1>
          <p>Badhla Solar Park is the world's largest solar park with the
total area of 14000 acres located in Bhadra, Firodi Tesir, Jodhpur district, Rajasthan,
India.</p>
          <p><i class="fa fa-check-circle text-primary me-3"></i>project
cost - 10,000 crore (US$ 1.3 billion)</p>
          <p><i class="fa fa-check-circle text-primary me-3"></i>Total
capacity - 2245 MW</p>
          <p><i class="fa fa-check-circle text-primary me-3"></i>Total site
area - 5700 hectares (14,000 acres)</p>
        </div>
      </div>
    </div>
  </div>
<!-- Bhadla solar park -->

<!-- Quote Start -->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">

```

```

<div class="container quote px-lg-0">
  <div class="row g-0 mx-lg-0">
    <div class="col-lg-6 ps-lg-0 wow fadeIn" data-wow-delay="0.1s"
style="min-height: 400px;">
      <div class="position-relative h-100">
        
      </div>
    </div>
    <div class="col-lg-6 quote-text py-5 wow fadeIn" data-wow-
delay="0.5s">
      <div class="p-lg-5 pe-lg-0">
        <p class="mb-4 pb-2">Telangana Plant</p>
        <form>
          <div class="row g-3">
            
          </div>
        </form>
      </div>
    </div>
  </div>
</div>
<!-- Quote End -->

<!-- Team Start -->
<div class="container-xxl py-5">
  <div class="container">
    <div class="text-center mx-auto mb-5 wow fadeInUp" data-wow-
delay="0.1s" style="max-width: 600px;">
      <h6 class="text-primary">Team Member</h6>
      <h1 class="mb-4">Excellent Team Members</h1>
    </div>
  </div>
</div>

```

```

<div class="row g-4">
  <div class="col-lg-4 col-md-6 wow fadeInUp" data-wow-delay="0.1s">
    <div class="team-item rounded overflow-hidden">
      <div class="d-flex">
        
        <div class="team-social w-25">
          <a class="btn btn-lg-square btn-outline-primary rounded-circle mt-3" href="https://www.facebook.com"><i class="fab fa-facebook-f"></i></a>
          <a class="btn btn-lg-square btn-outline-primary rounded-circle mt-3" href="https://www.twitter.com"><i class="fab fa-twitter"></i></a>
          <a class="btn btn-lg-square btn-outline-primary rounded-circle mt-3" href="https://www.instagram.com"><i class="fab fa-instagram"></i></a>
        </div>
      </div>
      <div class="p-4">
        <h5>Bhavesh Rajendra Kokse</h5>
        <span>Designation</span>
      </div>
    </div>
  </div>
  <div class="col-lg-4 col-md-6 wow fadeInUp" data-wow-delay="0.3s">
    <div class="team-item rounded overflow-hidden">
      <div class="d-flex">
        
        <div class="team-social w-25">
          <a class="btn btn-lg-square btn-outline-primary rounded-circle mt-3" href="https://www.facebook.com"><i class="fab fa-facebook-f"></i></a>
          <a class="btn btn-lg-square btn-outline-primary rounded-circle mt-3" href="https://www.twitter.com"><i class="fab fa-twitter"></i></a>
          <a class="btn btn-lg-square btn-outline-primary rounded-circle mt-3" href="https://www.instagram.com"><i class="fab fa-instagram"></i></a>
        </div>
      </div>
      <div class="p-4">

```

```

        <h5>Sagan Kaur Jabbal</h5>
        <span>Designation</span>
    </div>
</div>
</div>
<div class="col-lg-4 col-md-6 wow fadeInUp" data-wow-delay="0.5s">
    <div class="team-item rounded overflow-hidden">
        <div class="d-flex">
            
            <div class="team-social w-25">
                <a class="btn btn-lg-square btn-outline-primary rounded-circle mt-3" href="https://www.facebook.com"><i class="fab fa-facebook-f"></i></a>
                <a class="btn btn-lg-square btn-outline-primary rounded-circle mt-3" href="https://www.twitter.com"><i class="fab fa-twitter"></i></a>
                <a class="btn btn-lg-square btn-outline-primary rounded-circle mt-3" href="https://www.instagram.com"><i class="fab fa-instagram"></i></a>
            </div>
        </div>
    </div>
    <div class="p-4">
        <h5>Pravin Yadao</h5>
        <span>Designation</span>
    </div>
</div>
</div>
</div>
</div>
</div>
</div>
<!-- Team End -->

<!-- Testimonial Start -->
<div class="container-xxl py-5">
    <div class="container">
        <div class="text-center mx-auto mb-5 wow fadeInUp" data-wow-delay="0.1s" style="max-width: 600px;">

```



```

    <h6 class="text-primary">Testimonial</h6>
    <h1 class="mb-4">What Our Clients Say!</h1>
  </div>
  <div class="owl-carousel testimonial-carousel wow fadeInUp" data-wow-
  delay="0.1s">
    <div class="testimonial-item text-center">
      <div class="testimonial-img position-relative">
        
        <div class="btn-square bg-primary rounded-circle">
          <i class="fa fa-quote-left text-white"></i>
        </div>
      </div>
      <div class="testimonial-text text-center rounded p-4">
        <p>Thanks for providing the info on solar ppower which we found
  very useful to get our head around our particular needs.Thanks to your excellence
  website and all the help it offer. </p>
        <h5 class="mb-1">Gayatri Mongarkar</h5>
        <span class="fst-italic">Profession</span>
      </div>
    </div>
    <div class="testimonial-item text-center">
      <div class="testimonial-img position-relative">
        
        <div class="btn-square bg-primary rounded-circle">
          <i class="fa fa-quote-left text-white"></i>
        </div>
      </div>
      <div class="testimonial-text text-center rounded p-4">
        <p>Special thanks to this website for providing such a
  wounderfully easy way to go solar, I have no hesitation in recommending you to any
  thinking of "going solar"</p>
        <h5 class="mb-1">Gaurav kshirshigar</h5>

```

```

        <span class="fst-italic">Profession</span>
    </div>
</div>
<div class="testimonial-item text-center">
    <div class="testimonial-img position-relative">
        
        <div class="btn-square bg-primary rounded-circle">
            <i class="fa fa-quote-left text-white"></i>
        </div>
    </div>
    <div class="testimonial-text text-center rounded p-4">
        <p>Thank you for providing me companies for quotes for solar
pannel for my home.All the companies were very professional and helpfull and I
would not hesitate to recommend them to others.</p>
        <h5 class="mb-1">Ninad Raut</h5>
        <span class="fst-italic">Profession</span>
    </div>
</div>
</div>
</div>
</div>
</div>
<!-- Testimonial End -->

<!-- Footer Start -->
<div class="container-fluid bg-dark text-body footer pt-5 wow fadeIn" data-
wow-delay="0.1s" style="margin-top: 6rem;">
    <div class="container py-5">
        <div class="row g-5">
            <div class="col-lg-3 col-md-6">
                <h5 class="text-white mb-4">Address</h5>
                <p class="mb-2"><i class="fa fa-map-marker-alt me-3"></i> GS
COLLEGE OF COMMERCE AND ECONOMICS,Amravati road, Civil lines ,
Nagpur, Maharashtra, 440010 </p>

```

```
<p class="mb-2"><i class="fa fa-phone-alt me-3"></i>8623080249,
9130658447</p>
```

```
<p class="mb-2"><i class="fa fa-envelope me-3"></i>ssaganjabbal@gmail.com Bhaveshkokse0802@gmail.com</p>
```

```
<div class="d-flex pt-2">
```

```
<a class="btn btn-square btn-outline-light btn-social"
href="https://www.twitter.com"><i class="fab fa-twitter"></i></a>
```

```
<a class="btn btn-square btn-outline-light btn-social"
href="https://www.facebook.com"><i class="fab fa-facebook-f"></i></a>
```

```
<a class="btn btn-square btn-outline-light btn-social"
href="https://www.youtube.com"><i class="fab fa-youtube"></i></a>
```

```
<a class="btn btn-square btn-outline-light btn-social"
href="https://www.linkedin.com"><i class="fab fa-linkedin-in"></i></a>
```

```
</div>
```

```
</div>
```

```
<div class="col-lg-3 col-md-6">
```

```
<h5 class="text-white mb-4">Quick Links</h5>
```

```
<a class="btn btn-link" href="index.html">Home</a>
```

```
<a class="btn btn-link" href="history.html">History</a>
```

```
<a class="btn btn-link" href="uses.html">Uses</a>
```

```
<a class="btn btn-link" href="goverment-scheme.html">GOV
Scheme</a>
```

```
<a class="btn btn-link" href="company-list.html">Top 10
Companies</a>
```

```
</div>
```

```
<div class="col-lg-3 col-md-6">
```

```
<h5 class="text-white mb-4">Project Gallery</h5>
```

```
<div class="row g-2">
```

```
<div class="col-4">
```

```

```

```
</div>
```

```
<div class="col-4">
```

```

```

```
</div>
```

```

    <div class="col-4">
      
    </div>
    <div class="col-4">
      
    </div>
    <div class="col-4">
      
    </div>
    <div class="col-4">
      
    </div>
  </div>
</div>
<div class="col-lg-3 col-md-6">
  <h5 class="text-white mb-4">Newsletter</h5>
  <p>EVERY 24 HOURS,
    ENOUGH SUNLIGHT TOUCHES THE
    EARTH TO PROVIDE ENERGY FOR
    THE ENTIRE PLANET
    FOR 24 YEARS</p>
  <div class="position-relative mx-auto" style="max-width: 400px;">
  </div>
</div>
</div>
<div class="container">
  <div class="copyright">
    <div class="row">
      <div class="col-md-6 text-center text-md-start mb-3 mb-md-0">
        &copy; <a href="#">Solar : Research for Brighter Tomorrow</a>,
      </div>
      <div class="col-md-6 text-center text-md-end">
        Designed By <a href="https://htmlcodex.com">Bhavesh &

```

```

Sagan</a>
        </div>
    </div>
</div>
</div>
</div>
<!-- Footer End -->

<!-- Back to Top -->
<a href="#" class="btn btn-lg btn-primary btn-lg-square rounded-circle back-
to-top"><i class="bi bi-arrow-up"></i></a>

<!-- JavaScript Libraries -->
<script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle.min.js"></sc
ript>
<script src="lib/wow/wow.min.js"></script>
<script src="lib/easing/easing.min.js"></script>
<script src="lib/waypoints/waypoints.min.js"></script>
<script src="lib/counterup/counterup.min.js"></script>
<script src="lib/owlcarousel/owl.carousel.min.js"></script>
<script src="lib/isotope/isotope.pkgd.min.js"></script>
<script src="lib/lightbox/js/lightbox.min.js"></script>

<!-- Template Javascript -->
<script src="js/main.js"></script>
</body>
</html>

```

Style.css :

```
:root {
  --primary: #32C36C;
  --light: #F6F7F8;
  --dark: #1A2A36;
}
.fw-medium {
  font-weight: 500 !important;
}
.fw-bold {
  font-weight: 700 !important;
}
.fw-black {
  font-weight: 900 !important;
}
.back-to-top {
  position: fixed;
  display: none;
  right: 45px;
  bottom: 45px;
  z-index: 99;
}

/** Spinner */
#spinner {
  opacity: 0;
  visibility: hidden;
  transition: opacity .5s ease-out, visibility 0s linear .5s;
  z-index: 99999;
}
#spinner.show {
  transition: opacity .5s ease-out, visibility 0s linear 0s;
  visibility: visible;
  opacity: 1;
}
```

```
}

/** Button */
.btn {
  font-weight: 500;
  transition: .5s;
}
.btn.btn-primary,
.btn.btn-outline-primary:hover {
  color: #FFFFFF;
}
.btn-square {
  width: 38px;
  height: 38px;
}

.btn-sm-square {
  width: 32px;
  height: 32px;
}
.btn-lg-square {
  width: 48px;
  height: 48px;
}
.btn-square,
.btn-sm-square,
.btn-lg-square {
  padding: 0;
  display: flex;
  align-items: center;
  justify-content: center;
  font-weight: normal;
}
```

```
/** Navbar **/  
.navbar.sticky-top {  
  top: -100px;  
  transition: .5s;  
}  
.navbar .navbar-brand,  
.navbar a.btn {  
  height: 75px;  
}  
.navbar .navbar-nav .nav-link {  
  margin-right: 30px;  
  padding: 25px 0;  
  color: var(--dark);  
  font-size: 15px;  
  font-weight: 500;  
  text-transform: uppercase;  
  outline: none;  
}  
.navbar .navbar-nav .nav-link:hover,  
.navbar .navbar-nav .nav-link.active {  
  color: var(--primary);  
}  
.navbar .dropdown-toggle::after {  
  border: none;  
  content: "\f107";  
  font-family: "Font Awesome 5 Free";  
  font-weight: 900;  
  vertical-align: middle;  
  margin-left: 8px;  
}  
@media (max-width: 991.98px) {  
  .navbar .navbar-nav .nav-link {  
    margin-right: 0;  
    padding: 10px 0;  
  }  
}
```



```

    }
    .navbar .navbar-nav {
        border-top: 1px solid #EEEEEE;
    }
}
@media (min-width: 992px) {
    .navbar .nav-item .dropdown-menu {
        display: block;
        border: none;
        margin-top: 0;
        top: 150%;
        opacity: 0;
        visibility: hidden;
        transition: .5s;
    }
    .navbar .nav-item:hover .dropdown-menu {
        top: 100%;
        visibility: visible;
        transition: .5s;
        opacity: 1;
    }
}

/** Header **/
.owl-carousel-inner {
    position: absolute;
    width: 100%;
    height: 100%;
    top: 0;
    left: 0;
    display: flex;
    align-items: center;
    background: rgba(0, 0, 0, .1);
}

```

```
@media (max-width: 768px) {  
  .header-carousel .owl-carousel-item {  
    position: relative;  
    min-height: 500px;  
  }  
  .header-carousel .owl-carousel-item img {  
    position: absolute;  
    width: 100%;  
    height: 100%;  
    object-fit: cover;  
  }  
  .header-carousel .owl-carousel-item p {  
    font-size: 16px !important;  
  }  
}  
.header-carousel .owl-dots {  
  position: absolute;  
  width: 60px;  
  height: 100%;  
  top: 0;  
  right: 30px;  
  display: flex;  
  flex-direction: column;  
  align-items: center;  
  justify-content: center;  
}  
.header-carousel .owl-dots .owl-dot {  
  position: relative;  
  width: 45px;  
  height: 45px;  
  margin: 5px 0;  
  background: #FFFFFF;  
  box-shadow: 0 0 30px rgba(255, 255, 255, .9);  
  border-radius: 45px;
```

```
    transition: .5s;
}
.header-carousel .owl-dots .owl-dot.active {
    width: 60px;
    height: 60px;
}
.header-carousel .owl-dots .owl-dot img {
    position: absolute;
    width: 100%;
    height: 100%;
    object-fit: cover;
    padding: 2px;
    border-radius: 45px;
    transition: .5s;
}
.page-header {
    background: linear-gradient(rgba(0, 0, 0, .1), rgba(0, 0, 0, .1)), url(..img/carousel-
2.jpg) center center no-repeat;
    background-size: cover;
}
.page-header-1 {
    background: linear-gradient(rgba(0, 0, 0, .1), rgba(0, 0, 0, .1)), url(..img/carousel-
3.jpg) center center no-repeat;
    background-size: cover;
}
.page-header-2 {
    background: linear-gradient(rgba(0, 0, 0, .1), rgba(0, 0, 0, .1)),
url(..img/carousel9.jpg) center center no-repeat;
    background-size: cover;
}
.page-header-3 {
    background: linear-gradient(rgba(0, 0, 0, .1), rgba(0, 0, 0, .1)),
url(..img/carousel4.jpg) center center no-repeat;
    background-size: cover;
```

```

}
.page-header-4 {
    background: linear-gradient(rgba(0, 0, 0, .1), rgba(0, 0, 0, .1)),
url(..img/carousel7.jpg) center center no-repeat;
    background-size: cover;
}
.page-header-5 {
    background: linear-gradient(rgba(0, 0, 0, .1), rgba(0, 0, 0, .1)),
url(..img/alliance5.jpeg) center center no-repeat;
    background-size: cover;
}
.page-header-6 {
    background: linear-gradient(rgba(0, 0, 0, .1), rgba(0, 0, 0, .1)),
url(..img/carousel5.jpg) center center no-repeat;
    background-size: cover;
}
.page-header-7 {
    background: linear-gradient(rgba(0, 0, 0, .1), rgba(0, 0, 0, .1)),
url(..img/carousel6.jpg) center center no-repeat;
    background-size: cover;
}
.page-header-8 {
    background: linear-gradient(rgba(0, 0, 0, .1), rgba(0, 0, 0, .1)),
url(..img/carousel10.jpg) center center no-repeat;
    background-size: cover;
}
.breadcrumb-item + .breadcrumb-item::before {
    color: var(--light);
}

/** About ***/
@media (min-width: 992px) {
    .container.about {
        max-width: 100% !important;
    }
}

```

```
}
.about-text {
  padding-right: calc(((100% - 960px) / 2) + .75rem);
}
}
@media (min-width: 1200px) {
  .about-text {
    padding-right: calc(((100% - 1140px) / 2) + .75rem);
  }
}
@media (min-width: 1400px) {
  .about-text {
    padding-right: calc(((100% - 1320px) / 2) + .75rem);
  }
}

/** Service **/
.service-item {
  box-shadow: 0 0 45px rgba(0, 0, 0, .08);
}
.service-icon {
  position: relative;
  margin: -50px 0 25px 0;
  width: 100px;
  height: 100px;
  display: flex;
  align-items: center;
  justify-content: center;
  color: var(--primary);
  background: #FFFFFF;
  border-radius: 100px;
  box-shadow: 0 0 45px rgba(0, 0, 0, .08);
  transition: .5s;
}
```

```
.service-item:hover .service-icon {
  color: #FFFFFF;
  background: var(--primary);
}

/** Feature **/
@media (min-width: 992px) {
  .container.feature {
    max-width: 100% !important;
  }
  .feature-text {
    padding-left: calc(((100% - 960px) / 2) + .75rem);
  }
}
@media (min-width: 1200px) {
  .feature-text {
    padding-left: calc(((100% - 1140px) / 2) + .75rem);
  }
}
@media (min-width: 1400px) {
  .feature-text {
    padding-left: calc(((100% - 1320px) / 2) + .75rem);
  }
}

/** Project Portfolio **/
#portfolio-filters li {
  display: inline-block;
  font-weight: 500;
  color: var(--dark);
  cursor: pointer;
  transition: .5s;
  border-bottom: 2px solid transparent;
}
```

```
#portfolio-filters li:hover,  
#portfolio-filters li.active {  
    color: var(--primary);  
    border-color: var(--primary);  
}  
.portfolio-img {  
    position: relative;  
}  
.portfolio-img::before,  
.portfolio-img::after {  
    position: absolute;  
    content: "";  
    width: 0;  
    height: 100%;  
    top: 0;  
    background: var(--dark);  
    transition: .5s;  
}  
.portfolio-img::before {  
    left: 50%;  
}  
.portfolio-img::after {  
    right: 50%;  
}  
.portfolio-item:hover .portfolio-img::before {  
    width: 51%;  
    left: 0;  
}  
.portfolio-item:hover .portfolio-img::after {  
    width: 51%;  
    right: 0;  
}  
.portfolio-btn {  
    position: absolute;
```

```

top: 0;
left: 0;
width: 100%;
height: 100%;
display: flex;
align-items: center;
justify-content: center;
opacity: 0;
z-index: 1;
transition: .5s;
}
.portfolio-item:hover .portfolio-btn {
  opacity: 1;
  transition-delay: .3s;
}

/** Quote **/
@media (min-width: 992px) {
  .container.quote {
    max-width: 100% !important;
  }
  .quote-text {
    padding-right: calc(((100% - 960px) / 2) + .75rem);
  }
}
@media (min-width: 1200px) {
  .quote-text {
    padding-right: calc(((100% - 1140px) / 2) + .75rem);
  }
}
@media (min-width: 1400px) {
  .quote-text {
    padding-right: calc(((100% - 1320px) / 2) + .75rem);
  }
}

```



```
}

/** Team */
.team-item {
  box-shadow: 0 0 45px rgba(0, 0, 0, .08);
}
.team-item img {
  border-radius: 8px 60px 0 0;
}
.team-item .team-social {
  display: flex;
  flex-direction: column;
  align-items: center;
  justify-content: flex-end;
  background: #FFFFFF;
  transition: .5s;
}

/** Testimonial */
.testimonial-carousel::before {
  position: absolute;
  content: "";
  top: 0;
  left: 0;
  height: 100%;
  width: 0;
  background: linear-gradient(to right, rgba(255, 255, 255, 1) 0%, rgba(255, 255, 255, 0) 100%);
  z-index: 1;
}
.testimonial-carousel::after {
  position: absolute;
  content: "";
  top: 0;
```

```

right: 0;
height: 100%;
width: 0;
background: linear-gradient(to left, rgba(255, 255, 255, 1) 0%, rgba(255, 255,
255, 0) 100%);
z-index: 1;
}
@media (min-width: 768px) {
.testimonial-carousel::before,
.testimonial-carousel::after {
width: 200px;
}
}
@media (min-width: 992px) {
.testimonial-carousel::before,
.testimonial-carousel::after {
width: 300px;
}
}
.testimonial-carousel .owl-nav {
position: absolute;
width: 350px;
top: 20px;
left: 50%;
transform: translateX(-50%);
display: flex;
justify-content: space-between;
opacity: 0;
transition: .5s;
z-index: 1;
}
.testimonial-carousel:hover .owl-nav {
width: 300px;
opacity: 1;
}

```

```

}
.testimonial-carousel .owl-nav .owl-prev,
.testimonial-carousel .owl-nav .owl-next {
  position: relative;
  color: var(--primary);
  font-size: 45px;
  transition: .5s;
}
.testimonial-carousel .owl-nav .owl-prev:hover,
.testimonial-carousel .owl-nav .owl-next:hover {
  color: var(--dark);
}
.testimonial-carousel .testimonial-img img {
  width: 100px;
  height: 100px;
}
.testimonial-carousel .testimonial-img .btn-square {
  position: absolute;
  bottom: -19px;
  left: 50%;
  transform: translateX(-50%);
}
.testimonial-carousel .owl-item .testimonial-text {
  margin-bottom: 30px;
  box-shadow: 0 0 45px rgba(0, 0, 0, .08);
  transform: scale(.8);
  transition: .5s;
}
.testimonial-carousel .owl-item.center .testimonial-text {
  transform: scale(1);
}

/** Contact */
@media (min-width: 992px) {

```

```
.container.contact {
  max-width: 100% !important;
}
.contact-text {
  padding-left: calc(((100% - 960px) / 2) + .75rem);
}
}
@media (min-width: 1200px) {
  .contact-text {
    padding-left: calc(((100% - 1140px) / 2) + .75rem);
  }
}
}
@media (min-width: 1400px) {
  .contact-text {
    padding-left: calc(((100% - 1320px) / 2) + .75rem);
  }
}
}

/** Footer */
.footer .btn.btn-social {
  margin-right: 5px;
  color: #9B9B9B;
  border: 1px solid #9B9B9B;
  border-radius: 38px;
  transition: .3s;
}
.footer .btn.btn-social:hover {
  color: var(--primary);
  border-color: var(--light);
}
}
.footer .btn.btn-link {
  display: block;
  margin-bottom: 5px;
}
```

```
padding: 0;
text-align: left;
color: #9B9B9B;
font-weight: normal;
text-transform: capitalize;
transition: .3s;
}
.footer .btn.btn-link::before {
  position: relative;
  content: "\f105";
  font-family: "Font Awesome 5 Free";
  font-weight: 900;
  margin-right: 10px;
}
.footer .btn.btn-link:hover {
  color: #FFFFFF;
  letter-spacing: 1px;
  box-shadow: none;
}
.footer .copyright {
  padding: 25px 0;
  border-top: 1px solid rgba(256, 256, 256, .1);
}
.footer .copyright a {
  color: var(--light);
}
.footer .copyright a:hover {
  color: var(--primary);
}
```

Form 1:

History Page:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <title>Solar</title>
    <meta content="width=device-width, initial-scale=1.0" name="viewport">
    <meta content="" name="keywords">
    <meta content="" name="description">

    <!-- Favicon -->
    <link href="img/favicon.ico" rel="icon">

    <!-- Google Web Fonts -->
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=Open+Sans:wght@400;500&family=
Roboto:wght@500;700;900&display=swap" rel="stylesheet">

    <!-- Icon Font Stylesheet -->
    <link href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.10.0/css/all.min.css" rel="stylesheet">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.4.1/font/bootstrap-
icons.css" rel="stylesheet">

    <!-- Libraries Stylesheet -->
    <link href="lib/animate/animate.min.css" rel="stylesheet">
    <link href="lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">
    <link href="lib/lightbox/css/lightbox.min.css" rel="stylesheet">

    <!-- Customized Bootstrap Stylesheet -->
```

```

<link href="css/bootstrap.min.css" rel="stylesheet">

<!-- Template Stylesheet -->
<link href="css/style.css" rel="stylesheet">
</head>
<body>
  <!-- Spinner Start -->
  <div id="spinner" class="show bg-white position-fixed translate-middle w-100
vh-100 top-50 start-50 d-flex align-items-center justify-content-center">
    <div class="spinner-border text-primary" style="width: 3rem; height: 3rem;"
role="status">
      <span class="sr-only">Loading...</span>
    </div>
  </div>
  <!-- Spinner End -->

  <!-- Topbar Start -->
  <div class="container-fluid bg-dark p-0">
    <div class="row gx-0 d-none d-lg-flex">
      <div class="col-lg-7 px-5 text-start">
        <div class="h-100 d-inline-flex align-items-center me-4">
          <small class="fa fa-map-marker-alt text-primary me-2"></small>
          <small>GS COLLEGE, Amravati road, Civil lines, Nagpur </small>
        </div>
        <div class="h-100 d-inline-flex align-items-center">
          <small class="far fa-clock text-primary me-2"></small>
          <small>Mon - Fri : 09.00 AM - 09.00 PM</small>
        </div>
      </div>
      <div class="col-lg-5 px-5 text-end">
        <div class="h-100 d-inline-flex align-items-center me-4">
          <small class="fa fa-phone-alt text-primary me-2"></small>
          <small>8623080249, 9130658447</small>
        </div>
      </div>
    </div>
  </div>

```

```
<div class="h-100 d-inline-flex align-items-center mx-n2">
  <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.facebook.com"><i class="fab fa-facebook-
f"></i></a>
  <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.twitter.com"><i class="fab fa-twitter"></i></a>
  <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.linkedin.com"><i class="fab fa-linkedin-
in"></i></a>
  <a class="btn btn-square btn-link rounded-0"
href="https://www.instagram.com"><i class="fab fa-instagram"></i></a>
</div>
</div>
</div>
</div>
<!-- Topbar End -->
```

```
<!-- Navbar Start -->
<nav <nav class="navbar navbar-expand-lg bg-white navbar-light sticky-top p-
0">
  <a href="index.html" class="navbar-brand d-flex align-items-center border-end
px-4 px-lg-5">
    <h2 class="m-0 text-primary">Solartec</h2>
  </a>
  <button type="button" class="navbar-toggler me-4" data-bs-toggle="collapse"
data-bs-target="#navbarCollapse">
    <span class="navbar-toggler-icon"></span>
  </button>
  <div class="collapse navbar-collapse" id="navbarCollapse">
    <div class="navbar-nav ms-auto p-4 p-lg-0">
      <a href="index.html" class="nav-item nav-link">Home</a>
      <a href="history.html" class="nav-item nav-link active">History</a>
      <a href="uses.html" class="nav-item nav-link">Uses</a>
```



```

    <a href="tax.html" class="nav-item nav-link">Tax</a>
    <a href="government-scheme.html" class="nav-item nav-link">GOV
Scheme</a>
    <div class="nav-item dropdown">
        <a href="#" class="nav-link dropdown-toggle" data-bs-
toggle="dropdown">Source</a>
        <div class="dropdown-menu bg-light m-0">
            <a href="alliances.html" class="dropdown-item">Alliance</a>
            <a href="bidiversity.html" class="dropdown-item">Biodiversity</a>
            <a href="budget.html" class="dropdown-item">Budget</a>
            <a href="company-list.html" class="dropdown-item">Top 10
Companies</a>
        </div>
    </div>
    <a href="" class="nav-item nav-link"></a>
</div>
    <a href="download/future solar.pdf" class="btn btn-primary rounded-0 py-4
px-lg-5 d-none d-lg-block">Get A Quote<i class="fa fa-arrow-right ms-3"></i></a>
</div>
</nav>
<!-- Navbar End -->

<!-- Page Header Start -->
<div class="container-fluid page-header-1 py-5 mb-5">
    <div class="container py-5">
        <h1 class="display-3 text-white mb-3 animated slideInDown">History</h1>
        <nav aria-label="breadcrumb animated slideInDown">
            <ol class="breadcrumb">
                <li class="breadcrumb-item"><a class="text-white"
href="index.html">Home</a></li>
                <li class="breadcrumb-item"><a class="text-white"
href="budget.html">Budget</a></li>
                <li class="breadcrumb-item"><a class="text-white"

```

```
href="alliances.html">Alliance</a></li>
```

```
</ol>
```

```
</nav>
```

```
</div>
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</div>
```

```
<!-- Page Header End -->
```

```
<!-- Feature Start 1-->
```

```
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
```

```
<div class="container feature px-lg-0">
```

```
<div class="row g-0 mx-lg-0">
```

```
<div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-  
delay="0.1s">
```

```
<div class="p-lg-5 ps-lg-0">
```

```
<h6 class="text-primary">Why Choose Us!</h6>
```

```
<h1 class="mb-4">What is Solar Energy ?</h1>
```

```
<p class="mb-4 pb-2">Solar energy is the radiation from the Sun  
capable of producing heat, causing chemical reactions, or generating electricity. The  
total amount of solar energy received on Earth is vastly more than the world's current  
and anticipated energy requirements. If suitably harnessed, solar energy has the  
potential to satisfy all future energy needs.</p>
```

```
<p class="mb-4 pb-2">More energy from the sun falls on the earth in  
one hour than is used by everyone in the world in one year. A variety of technologies  
convert sunlight to usable energy for buildings. The most commonly used solar  
technologies for homes and businesses are solar photovoltaics for electricity, passive  
solar design for space heating and cooling, and solar water heating.</p>
```

```
<p>Businesses and industry use solar technologies to diversify their  
energy sources, improve efficiency, and save money. Energy developers and utilities  
use solar photovoltaic and concentrating solar power technologies to produce  
electricity on a massive scale to power cities and small towns.</p>
```

```
<div class="row g-4">
```

```
<div class="col-6">
```

```
<div class="d-flex align-items-center">
```

```
<div class="btn-lg-square bg-primary rounded-circle">
```

```

        <i class="fa fa-check text-white"></i>
    </div>
    <div class="ms-4">
        <p class="mb-0">Quality</p>
        <h5 class="mb-0">Services</h5>
    </div>
</div>
</div>
<div class="col-6">
    <div class="d-flex align-items-center">
        <div class="btn-lg-square bg-primary rounded-circle">
            <i class="fa fa-user-check text-white"></i>
        </div>
        <div class="ms-4">
            <p class="mb-0">Expert</p>
            <h5 class="mb-0">Workers</h5>
        </div>
    </div>
</div>
<div class="col-6">
    <div class="d-flex align-items-center">
        <div class="btn-lg-square bg-primary rounded-circle">
            <i class="fa fa-drafting-compass text-white"></i>
        </div>
        <div class="ms-4">
            <p class="mb-0">Free</p>
            <h5 class="mb-0">Consultation</h5>
        </div>
    </div>
</div>
<div class="col-6">
    <div class="d-flex align-items-center">
        <div class="btn-lg-square bg-primary rounded-circle">
            <i class="fa fa-headphones text-white"></i>

```

```

        </div>
        <div class="ms-4">
            <p class="mb-0">Customer</p>
            <h5 class="mb-0">Support</h5>
        </div>
    </div>
</div>
</div>
</div>
</div>
</div>
<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
    <div class="position-relative h-100">
        
    </div>
</div>
</div>
</div>
</div>
</div>
<!-- Feature End 1-->

<!-- Feature start 2-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
    <div class="container feature px-lg-0">
        <div class="row g-0 mx-lg-0">
            <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
                <div class="p-lg-5 ps-lg-0">
                    <h6 class="text-primary">Evolution of solar energy</h6>
                    <h1 class="mb-4">History of Solar:</h1>
                    <p class="mb-4 pb-2">Studies of the history and development of
solar technology lead one to comprehend how essential a role the sun has played in the
evolution of mankind. Many ancient civilizations from Egypt, China, India, Africa,

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Greece, Rome, Mexico, South America, and Europe worshiped the sun as God, especially in societies that were primarily dependent on agriculture and believed the sun could grant prosperity and sustenance. The first sundial, the earliest type of timekeeping device, dates back to 3500 B.C. The Indian observatory Jantar Mantar features many instruments to measure the position and distances of extraterrestrial bodies along with the world's largest sundial. Sun is the closest star to earth and offers an immense source of energy. Every hour of the day, earth receives around 430 Quintilian joules of energy from the sun and this energy would be sufficient to meet the global energy demands if harnessed as electricity. Over time, the humans have identified the sun not just as a deity but as a sustainable source of energy. The evolution of solar energy has been gradual and today, the solar industry has become a dominant source of renewable power. Though it is assumed by many that the idea of solar panels is a new age technology, the strategic use of the sun for heating and cooling was discovered around 2400 years ago. The Greek philosopher, Socrates observed a phenomenon called passive solar architecture to best utilize the rotation of Earth, where if strategically placed, the homes could get maximum sunlight during winter and minimal sunlight in summer. It has been nearly 200 years since the innovation of solar cells and the technology has been evolving ever since.

The first meaningful step in solar technology with the discovery of photovoltaic effect happened in 1839 by Alexandre-Edmund Becquerel. It is the effect due to which light energy is converted to electric current in certain semiconductor materials when they are exposed to light. This 19-year-old French scientist was fascinated with the idea of the emission of light without heat (phosphorescence) and during his study of photo-chemical reaction, he started to understand the absorption of energy in the form of light, which eventually led him to the discovery of the photovoltaic effect. In 1861, Auguste Mouchout utilized solar thermal technology to power engines by converting solar energy into mechanical steam power. After the huge demand for coal during the Industrial Revolution, this French engineer and professor was curious to uncover new alternative energy sources and was granted the first solar patent for a steam engine powered by a solar reflective dish. Since the water power was not a portable energy, this was considered a considerable advance in alternative power generating. Solar thermal technology was further developed by John Ericsson, a Swiss-born engineer, in 1870. His design was an interesting variation of Mouchout's work where he used a trough instead of a dish to

reflect the sun's rays. Unfortunately, he passed away without leaving any blueprints of his design, a design that would have been able to compete with the conventional generation techniques of that time.</p>

<p >Photoconductivity of selenium was discovered by Willoughby Smith in 1873, and the first solar cells were made from selenium in 1883 by American inventor Charles Fritts. The first photoelectric module was made by coating a metal plate with semiconductor selenium with a thin layer of semitransparent gold-leaf film. Fritts reported that despite the intensity of light, the current produced was continuous and of considerable force even though the energy conversion rate was noted to be only 1% to 2%. It was only by 1888 the first solar cell was built by Aleksandr Stoletov based on the outer photoelectric effect which explained why electrons emitted when sunlight was absorbed. Albert Einstein published a paper on the same which brought widespread attention towards solar power technology. He won the Nobel Prize in 1921 for his theories explaining photoelectric cell and quantum light hypothesis. Using this technology, Calvin Fuller, Gerald Pearson, and Darryl Chaplin who were the scientists at Bell Laboratories produced the first modern photovoltaic cell in 1954, where silicon semiconductors were used to convert sunlight into electricity. These cells later became the core of contemporary PV applications. The first generation solar technology could convert sunlight to electricity with only 6% efficiency. The PV panels consisted of wafer-based cells, which were made using materials like crystalline silicon. In 1955, solar cells were sold commercially for the first time by Hoffman Electronics. Vanguard 1, the first satellite to use solar cells, was launched in 1958. These solar cells were cost-effective for space exploration; however, they were not very efficient for terrestrial uses. Hoffman Electronics continued working on PV panels and created more efficient cells but the cells were only used in space flight for a long time. Solar cells were used on U.S. Space Station, Skylab that orbited the earth from 1973 to 1979. During this time period, solar panel technology was expensive for mainstream consumer distribution; however, as the technology continued to evolve, the cost started to decline. Dr. Elliot Berman contributed greatly in making solar panels affordable by using cost-effective materials. This shift in production reduced the price of solar panels, which in turn empowered solar panel technology to compete in the mainstream power market. Due to contributions from Solar Power Corporation, the efficiency of photovoltaic panels increased and the cost of the panels declined over time.</p>

<div class="row g-4">

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        <div class="col-6">
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    <div class="col-6">
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    </div>
    </div>
    <div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
        <div class="position-relative h-100">
            <br><br>
            <br><br>
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            <br><br>
        </div>
    </div>
    </div>
    </div>
    </div>
    <!-- Feature End 2-->

    <!-- Feature start 3-->
    <div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
        <div class="container feature px-lg-0">
            <div class="row g-0 mx-lg-0">
                <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-delay="0.1s">

```

<div class="p-lg-5 ps-lg-0">

<h6 class="text-primary">continue</h6>

<h1 class="mb-4">reading...</h1>

<p >Photoconductivity of selenium was discovered by Willoughby Smith in 1873, and the first solar cells were made from selenium in 1883 by American inventor Charles Fritts. The first photoelectric module was made by coating a metal plate with semiconductor selenium with a thin layer of semitransparent gold-leaf film. Fritts reported that despite the intensity of light, the current produced was continuous and of considerable force even though the energy conversion rate was noted to be only 1% to 2%. It was only by 1888 the first solar cell was built by Aleksandr Stoletov based on the outer photoelectric effect which explained why electrons emitted when sunlight was absorbed. Albert Einstein published a paper on the same which brought widespread attention towards solar power technology. He won the Nobel Prize in 1921 for his theories explaining photoelectric cell and quantum light hypothesis. Using this technology, Calvin Fuller, Gerald Pearson, and Darryl Chaplin who were the scientists at Bell Laboratories produced the first modern photovoltaic cell in 1954, where silicon semiconductors were used to convert sunlight into electricity. These cells later became the core of contemporary PV applications. The first generation solar technology could convert sunlight to electricity with only 6% efficiency. The PV panels consisted of wafer-based cells, which were made using materials like crystalline silicon. In 1955, solar cells were sold commercially for the first time by Hoffman Electronics. Vanguard 1, the first satellite to use solar cells, was launched in 1958. These solar cells were cost-effective for space exploration; however, they were not very efficient for terrestrial uses. Hoffman Electronics continued working on PV panels and created more efficient cells but the cells were only used in space flight for a long time. Solar cells were used on U.S. Space Station, Skylab that orbited the earth from 1973 to 1979. During this time period, solar panel technology was expensive for mainstream consumer distribution; however, as the technology continued to evolve, the cost started to decline. Dr. Elliot Berman contributed greatly in making solar panels affordable by using cost-effective materials. This shift in production reduced the price of solar panels, which in turn empowered solar panel technology to compete in the mainstream power market. Due to contributions from Solar Power Corporation, the efficiency of photovoltaic panels increased and the cost of the panels declined over time.</p>

<p >surface area and some the materials used were noted to be

harmful and toxic under certain environmental conditions or during recycling, posing a challenge to design non-polluting PV panels and making them less environment-friendly.

Research and developments continued into the 21st century in the laboratory environments. Changes to the environment increased the need for sustainable energy generation and motivated scientists to put in greater effort into creating highly efficient and commercially viable PV technology. This third generation of solar technology incorporates multiple solar energy technology, including organic photovoltaic (OPV) cells that aim to provide better efficiency while reducing the overall environmental impact of solar panels. PolyPower technology was developed at a nano level to provide a lightweight, flexible and potentially inexpensive approach to solar energy harvesting. In the earlier years, PV panels have been largely limited due to their physical properties. With the use of nano technology, this generation can overcome these challenges and open a world of possibilities. MIT researchers produced ultra-slim, flexible solar cells in 2016. This advancement is still in its early phases but could help widen the use of solar technology in the near future. Continued scientific advancements have made extensive advancements in solar panel technology. The most important factor in panel technology is that the more energy a solar panel absorbs, the more efficient the panel becomes at converting solar energy into electricity. Today, solar panels can deliver at up to 22% efficiency and there have been ongoing efforts to make solar energy even more affordable and efficient.

As a developing nation, India has tremendous potential for generating clean electricity through Renewable Energy Sources (RES) namely Hydro, Bioenergy, Wind and Solar. The country has consciously been trying to reduce carbon footprint by promoting clean energy launched by Jawaharlal Nehru National Solar Mission, which is one of the eight missions under National Action Plan on Climate Change (NAPCC–2008). Being a tropical country, India's geography allows many regions to receive almost 300 sunny days in a year. The combination of abundant sunshine and the large population in the country makes our country an ideal location for solar market. In a country like ours, various factors like income generation, social development, and health issues influence the demand for sufficient resources. Historically, the amount of greenhouse gas emissions used to be significantly more for the developed economies as compared to the developing countries; however, recent studies suggest that this trend is changing now and is taking an opposite turn. An

overwhelmingly large number of private corporations have ventured into the solar PV sector for installations and development throughout various states of the country. Global solar market requires more support from the Governments and if the countries can adjust their polices to make solar equipment more affordable to consumers and encourage renewable energy growth, solar can be expected to dominate the market space over the next decade.

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<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
  <div class="position-relative h-100">
    <br><br><br><br><br><br>
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<!-- Feature End 3-->
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<!-- Feature start 4-->
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<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
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<div class="container feature px-lg-0">
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<div class="row g-0 mx-lg-0">
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```
<div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-  
delay="0.1s">
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<div class="p-lg-5 ps-lg-0">
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```
<h6 class="text-primary">What is the history of solar energy </h6>
```

```
<h1 class="mb-4">and when were solar panels invented? </h1>
```

```
<p >Though solar energy has found a dynamic and established role in  
today's clean energy economy, there's a long history behind photovoltaics (PV) that  
brought the concept of solar energy to fruition. With the way the cost of solar has  
plummeted in the past decade, it's easy to forget that going solar had a completely  
different meaning even just 15 years ago. Let's go back a few centuries to the origins  
of solar PV and explore the history of solar energy and silicon solar technology.</p>
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<div class="row g-4">
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</div>
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<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"  
style="min-height: 400px;">
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```
<div class="position-relative h-100">
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        </div>
    </div>
</div>
</div>
</div>
<!-- Feature End 4-->
<!-- Feature start 5-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
    <div class="container feature px-lg-0">
        <div class="row g-0 mx-lg-0">
            <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
                <div class="p-lg-5 ps-lg-0">
                    <h6 class="text-primary"> </h6>
                    <h1 class="mb-4">When was solar energy first used?</h1>
                    <p >In theory, solar energy was used by humans as early as 7th
century B.C. when history tells us that humans used sunlight to light fires with
magnifying glass materials. Later, in 3rd century B.C., the Greeks and Romans were
known to harness solar power with mirrors to light torches for religious ceremonies.
These mirrors became a normalized tool referred to as “burning mirrors.” Chinese
civilization documented the use of mirrors for the same purpose later in 20 A.D.

```

Another early use for solar energy that is still popular today was the concept of “sunrooms” in buildings. These sunrooms used massive windows to direct sunlight into one concentrated area. Some of the iconic Roman bathhouses, typically those situated on the south-facing side of buildings, were sunrooms. Later in the 1200s A.D., ancestors to the Pueblo Native Americans known as the Anasazi situated themselves in south-facing abodes on cliffs to capture the sun’s warmth during cold winter months.

</p>
<p>In the late 1700s and 1800s, researchers and scientists had success using sunlight to power ovens for long voyages. They also harnessed the power of the sun to produce solar-powered steamboats. Ultimately, it’s clear that even thousands of years before the era of solar panels, the concept of manipulating the power of the sun was a common practice.</p>

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    <div class="row g-4">
      <div class="col-6">
        </div>
      <div class="col-6">
        </div>
      <div class="col-6">
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      <div class="col-6">
        </div>
    </div>
  </div>
</div>
<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
  <div class="position-relative h-100"><br><br><br><br>
    
  </div>
</div>
</div>
</div>
</div>
</div>
<!-- Feature End 5-->

<!-- Feature start 6-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
  <div class="container feature px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
        <div class="p-lg-5 ps-lg-0">
          <h6 class="text-primary"> </h6>
          <h1 class="mb-4">Major events in the history of solar energy</h1>
          <p><h3>Solar panels in outer space</h3>Some of the earliest uses
of solar technology were actually in outer space where solar was used to power

```

satellites. In 1958, the Vanguard I satellite used a tiny one-watt panel to power its radios. Later that year the Vanguard II, Explorer III and Sputnik-3 were all launched with PV technology on board. In 1964, NASA was responsible for launching the first Nimbus spacecraft, a satellite able to run entirely on a 470 watt solar array. In 1966, NASA launched the world’s first Orbiting Astronomical Observatory, powered by a one-kilowatt array.

First solar residence

In 1973, the University of Delaware was responsible for constructing the first solar building, named “Solar One.” The system ran on a hybrid supply of solar thermal and solar PV power. It was also the first instance of building integrated photovoltaics (BIPV) – the array didn’t use solar panels but instead had solar integrated into the rooftop, similar to the design for Tesla’s new roof product.

Achievements in solar conversion efficiency

Between 1957 and 1960, Hoffman Electronics made a number of breakthroughs with photovoltaic efficiency, improving the efficiency record from 8% to 14%. The next major achievement was in 1985 when the University of South Wales achieved 20% efficiency for silicon cells. In 1999, the National Renewable Energy Laboratory collaborated with SpectroLab Inc. to create a solar cell with 33.3% efficiency. The University of South Wales

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<div class="row g-4">
  <div class="col-6">
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</div>
</div>
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```
<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
  <div class="position-relative h-100"><br>
```

```
        
        </div>
    </div>
</div>
</div>
</div>
<!-- Feature End 6-->

<!-- JavaScript Libraries -->
<script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle.min.js">
</script>
<script src="lib/wow/wow.min.js"></script>
<script src="lib/easing/easing.min.js"></script>
<script src="lib/waypoints/waypoints.min.js"></script>
<script src="lib/counterup/counterup.min.js"></script>
<script src="lib/owlcarousel/owl.carousel.min.js"></script>
<script src="lib/isotope/isotope.pkgd.min.js"></script>
<script src="lib/lightbox/js/lightbox.min.js"></script>

<!-- Template Javascript -->
<script src="js/main.js"></script>
</body>
</html>
```

Form 2 :

Uses Page :

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <title>Solar</title>
    <meta content="width=device-width, initial-scale=1.0" name="viewport">
    <meta content="" name="keywords">
    <meta content="" name="description">

    <!-- Favicon -->
    <link href="img/favicon.ico" rel="icon">

    <!-- Google Web Fonts -->
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=Open+Sans:wght@400;500&family=
Roboto:wght@500;700;900&display=swap" rel="stylesheet">

    <!-- Icon Font Stylesheet -->
    <link href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.10.0/css/all.min.css" rel="stylesheet">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.4.1/font/bootstrap-
icons.css" rel="stylesheet">

    <!-- Libraries Stylesheet -->
    <link href="lib/animate/animate.min.css" rel="stylesheet">
    <link href="lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">
    <link href="lib/lightbox/css/lightbox.min.css" rel="stylesheet">

    <!-- Customized Bootstrap Stylesheet -->
```



```

<link href="css/bootstrap.min.css" rel="stylesheet">

<!-- Template Stylesheet -->
<link href="css/style.css" rel="stylesheet">
</head>

<body>
  <!-- Spinner Start -->
  <div id="spinner" class="show bg-white position-fixed translate-middle w-100
vh-100 top-50 start-50 d-flex align-items-center justify-content-center">
    <div class="spinner-border text-primary" style="width: 3rem; height: 3rem;"
role="status">
      <span class="sr-only">Loading...</span>
    </div>
  </div>
  <!-- Spinner End -->

  <!-- Topbar Start -->
  <div class="container-fluid bg-dark p-0">
    <div class="row gx-0 d-none d-lg-flex">
      <div class="col-lg-7 px-5 text-start">
        <div class="h-100 d-inline-flex align-items-center me-4">
          <small class="fa fa-map-marker-alt text-primary me-2"></small>
          <small>GS COLLEGE, Amravati road, Civil lines, Nagpur </small>
        </div>
        <div class="h-100 d-inline-flex align-items-center">
          <small class="far fa-clock text-primary me-2"></small>
          <small>Mon - Fri : 09.00 AM - 09.00 PM</small>
        </div>
      </div>
      <div class="col-lg-5 px-5 text-end">
        <div class="h-100 d-inline-flex align-items-center me-4">
          <small class="fa fa-phone-alt text-primary me-2"></small>

```

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        <small>8623080249, 9130658447</small>
    </div>
    <div class="h-100 d-inline-flex align-items-center mx-n2">
        <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.facebook.com"><i class="fab fa-facebook-
f"></i></a>
        <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.twitter.com"><i class="fab fa-twitter"></i></a>
        <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.linkedin.com"><i class="fab fa-linkedin-
in"></i></a>
        <a class="btn btn-square btn-link rounded-0"
href="https://www.instagram.com"><i class="fab fa-instagram"></i></a>
    </div>
</div>
</div>
</div>
<!-- Topbar End -->

<!-- Navbar Start -->
<nav <nav class="navbar navbar-expand-lg bg-white navbar-light sticky-top p-
0">
    <a href="index.html" class="navbar-brand d-flex align-items-center border-end
px-4 px-lg-5">
        <h2 class="m-0 text-primary">Solartec</h2>
    </a>
    <button type="button" class="navbar-toggler me-4" data-bs-toggle="collapse"
data-bs-target="#navbarCollapse">
        <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarCollapse">
        <div class="navbar-nav ms-auto p-4 p-lg-0">
            <a href="index.html" class="nav-item nav-link">Home</a>

```

```

    <a href="history.html" class="nav-item nav-link">History</a>
    <a href="uses.html" class="nav-item nav-link active">Uses</a>
    <a href="tax.html" class="nav-item nav-link">Tax</a>
    <a href="government-scheme.html" class="nav-item nav-link">GOV
Scheme</a>
    <div class="nav-item dropdown">
        <a href="#" class="nav-link dropdown-toggle" data-bs-
toggle="dropdown">Source</a>
        <div class="dropdown-menu bg-light m-0">
            <a href="alliances.html" class="dropdown-item">Alliance</a>
            <a href="bidiversity.html" class="dropdown-item">Biodiversity</a>
            <a href="budget.html" class="dropdown-item">Budget</a>
            <a href="company-list.html" class="dropdown-item">Top 10
Companies</a>
        </div>
    </div>
    <a href="" class="nav-item nav-link"></a>
</div>
    <a href="download/future solar.pdf" class="btn btn-primary rounded-0 py-4
px-lg-5 d-none d-lg-block">Get A Quote<i class="fa fa-arrow-right ms-3"></i></a>
</div>
</nav>
<!-- Navbar End -->

<!-- Page Header Start -->
<div class="container-fluid page-header-2 py-5 mb-5">
    <div class="container py-5">
        <h1 class="display-3 text-white mb-3 animated slideInDown">Uses</h1>
        <nav aria-label="breadcrumb animated slideInDown">
            <ol class="breadcrumb">
                <li class="breadcrumb-item"><a class="text-white"
href="index.html">Home</a></li>
                <li class="breadcrumb-item"><a class="text-white"

```

```

href="budget.html">Budget</a></li>
      <li class="breadcrumb-item"><a class="text-white"
href="alliances.html">Alliance</a></li>
    </ol>
  </nav>
</div>
</div>
<!-- Page Header End -->

<!-- Feature Start 1-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
  <div class="container feature px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-delay="0.1s">
        <div class="p-lg-5 ps-lg-0">
          <h6 class="text-primary">Uses</h6>
          <h1 class="mb-4">Below are Uses of Solar Energy in Daily Life:</h1>
          <p class="mb-4 pb-2"><h3>Home Appliances</h3>Installation of
solar panels in the home premises is gaining popularity. This is because solar panels
generate electricity from an inexhaustible source—the sun. The energy generated can
be used to power home appliances such as TVs, fans, computers and even heavy
machinery. Solar installation can be an expensive investment up front, however, it can
save you a lot of money in the long run.</p>
          <p class="mb-4 pb-2"><h3>Solar Heating</h3>If electricity
generation is not on your cards, then you may use solar panels as a heating system. The
thermal energy generated by the panels can be used for many applications such as
heating water, swimming pools or even a room. Further, solar heating systems can be
used to heat an entire building as well.</p>
          <div class="row g-4">
            </div>
          </div>
        </div>
      <div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">

```

```

    <div class="position-relative h-100"><br><br>
        <br><br>
        <br>
    </div>
</div>
</div>
</div>
</div>
<!-- Feature End 1-->
<!-- Feature Start 2-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
    <div class="container feature px-lg-0">
        <div class="row g-0 mx-lg-0">
            <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
                <div class="p-lg-5 ps-lg-0">
                    <h1 class="mb-4"></h1>
                    <p class="mb-4 pb-2"><h3>Solar Cooking</h3>Instead of using
conventional resources for cooking purposes, you can use solar cookers. The things
you need to adopt solar cooking include a pan, box, cooking bag, duct tape, aluminium
foil, Styrofoam and thermometer. A solar cooking setup is a great investment as you do
not have to depend on any fuel such as coal or gas.</p><br><br><br>
                    <p class="mb-4 pb-2"><h3>Solar Charging</h3>Charging devices
such as mobiles and laptops are a part of our daily overheads. The devices can only
function as long as they are charged. Thereafter, you must manually connect them to a
power source. This can be even more challenging when you are in a remote place with
a limited supply of electricity. Alternatively, solar chargers can harness the sun's
radiation and meet your device's requirements anytime and anywhere.</p>
                </div>
            </div>
        </div>
    </div>
</div>

```

```
<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s" style="min-height: 400px;">
  <div class="position-relative h-100"><br><br>
    <br><br>
    
  </div>
</div>
</div>
</div>
</div>
</div>
<!-- Feature End 2-->
```

<!-- Feature Start 3-->

```
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
  <div class="container feature px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-delay="0.1s">
```

```
        <div class="p-lg-5 ps-lg-0">
          <h6 class="text-primary">continue...</h6>
          <h1 class="mb-4"></h1>
          <p class="mb-4 pb-2"><h3>Solar EV Charging</h3>Electric vehicles (EVs) are becoming increasingly popular. However, the biggest challenge in opting for EVs is setting up or finding an efficient charging facility. While traditional means of energy can be both costly and inefficient to procure, solar energy can address the above issue in a sustainable way. </p><br><br><br>
```

```
          <p class="mb-4 pb-2"><h3>Solar Lighting</h3>Solar-powered lights are cost-effective and do not suffer interruptions due to irregular connections. The best part about solar lights is that they do not need complicated setups or electric ports to work. They can be especially useful in remote locations with a poor connection to the grid. Further, one can get a wide range of solar lights such as string lights, exterior lights and landscape lights.</p><br><br><br>
```

<p class="mb-4 pb-2"><h3>Pocket Calculators</h3>A lot of pocket calculators use in-built solar panels for functioning. Solar-driven calculators have a button battery that enables them to operate in dimly-lit settings. Such calculators are durable and do not require conventional energy sources to run.

Using solar energy to meet your daily needs is not just cost-effective in the long run, but also helps you do your bit for the environment. The evolving engineering and technology mean that it is a great time to invest in solar technology.

```
</p>
<div class="row g-4">
  </div>
</div>
<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
  <div class="position-relative h-100"><br><br><br>
    <br><br>
    <br><br>
    
  </div>
</div>
</div>
</div>
</div>
</div>
<!-- Feature End 3-->
```

```
<!-- Feature Start 4-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
  <div class="container feature px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
```

```
delay="0.1s">
```

```
<div class="p-lg-5 ps-lg-0">
```

```
<h6 class="text-primary">Solar Basics</h6>
```

```
<h1 class="mb-4">How Do Solar Panels Work</h1>
```

```
<p class="mb-4 pb-2">Solar energy works by capturing the sun's  
energy and quietly and effectively turning it into electricity for your home or business.
```

```
Our sun is a natural nuclear reactor. It releases tiny packets of  
energy called photons, which travel the 149.6 million kilometres from the sun to Earth  
in about 8.5 minutes. Every hour, enough photons impact our planet to generate  
enough solar energy to theoretically satisfy global energy needs for an entire year.
```

```
Solar doesn't generate electricity all the time, but it does generate  
electricity when it is needed most. This includes during the daytime and during hot  
sunny periods when demand for electricity is at its highest.
```

```
Australia is one of the sunniest countries in the world and is the  
perfect place for the sun to be put to work, especially during these peak times.
```

```
</p>
```

```
<div class="row g-4">
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"  
style="min-height: 400px;">
```

```
<div class="position-relative h-100"><br><br><br>
```

```
<br><br>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<!-- Feature End 4-->
```

```
<!-- Feature Start 5-->
```



```

<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
  <div class="container feature px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-delay="0.1s">
        <div class="p-lg-5 ps-lg-0">
          <h1 class="mb-4"></h1>
          <p class="mb-4 pb-2"><h3>How Do Solar Panels Work?</h3>When
photons hit a solar cell, they knock electrons loose from their atoms. If conductors are
attached to the positive and negative sides of a cell, it forms an electrical circuit. When
electrons flow through such a circuit, they generate electricity. Multiple cells make up
a solar panel, and multiple panels (modules) can be wired together to form a solar
array. The more panels you can deploy, the more energy you can expect to
generate.</p>
          <p class="mb-4 pb-2"><h3>What are Solar Panels Made
of?</h3>Photovoltaic (PV) solar panels are made up of many solar cells in various
types of glass packaging. Solar cells are made of silicon, like semiconductors. They are
constructed with a positive layer and a negative layer, which together create an electric
field, just like in a battery. SunPower solar panels are also encased with aerospace-
grade conductive adhesives and proprietary encapsulants to protect these cells and
minimize degradation from environmental exposure.</p>
        <div class="row g-4">
          </div>
        </div>
      </div>
      <div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
        <div class="position-relative h-100"><br><br><br><br>
          
        </div>
      </div>
    </div>
  </div>
</div>

```

```
<!-- Feature End 5-->
```

```
<!-- Feature Start 6-->
```

```
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
```

```
<div class="container feature px-lg-0">
```

```
<div class="row g-0 mx-lg-0">
```

```
<div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-  
delay="0.1s">
```

```
<div class="p-lg-5 ps-lg-0">
```

```
<h1 class="mb-4"></h1>
```

```
<p class="mb-4 pb-2"><h3>How Do Solar Panels Generate  
Electricity?</h3>PV solar panels generate direct current (DC) electricity. With DC  
electricity, electrons flow in one direction around a circuit. This example shows a  
battery powering a light bulb. The electrons move from the negative side of the battery,  
through the lamp, and return to the positive side of the battery.</p>
```

```
<p class="mb-4 pb-2">With AC (alternating current) electricity,  
electrons are pushed and pulled, periodically reversing direction, much like the  
cylinder of a car's engine. Generators create AC electricity when a coil of wire is spun  
next to a magnet. Many different energy sources can "turn the handle" of this  
generator, such as gas or diesel fuel, hydroelectricity, nuclear, coal, wind, or solar.</p>
```

```
<p class="mb-4 pb-2">AC electricity is used for the Australia  
electrical power grids that operate throughout the country and power thousands of  
homes. However, solar panels create DC electricity. How do we get DC electricity into  
the AC grid? We use an inverter.</p>
```

```
<div class="row g-4">
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"  
style="min-height: 400px;">
```

```
<div class="position-relative h-100"><br><br><br>
```

```

```

```
</div>
```

```

    </div>
  </div>
</div>
</div>
<!-- Feature End 6-->

<!-- Feature Start 7-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
  <div class="container feature px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
        <div class="p-lg-5 ps-lg-0">
          <h1 class="mb-4"></h1>
          <p class="mb-4 pb-2"><h3>What Does a Solar Inverter Do?</h3>A
solar inverter takes the DC electricity from the solar array and uses that to create AC
electricity. Inverters are like the brains of the system. Along with inverting DC to AC
power, they also provide ground fault protection and system stats, including voltage
and current on AC and DC circuits, energy production and maximum power point
tracking.</p>
          <p class="mb-4 pb-2">Central inverters have dominated the solar
industry since the beginning. The introduction of micro-inverters is one of the biggest
technology shifts in the PV industry. Micro-inverters optimise for each individual solar
panel, not for an entire solar system, as central inverters do. This enables every solar
panel to perform at maximum potential. When a central inverter is used, having a
problem on one solar panel (maybe it's in the shade or has gotten dirty) can drag down
the performance of the entire solar array. Another option to consider is using micro-
inverters on each of the panels. If one solar panel has an issue, the rest of the solar
array still performs efficiently.</p>
        <div class="row g-4">
          </div>
        </div>
      </div>
    </div>
  <div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"

```

```
style="min-height: 400px;">
    <div class="position-relative h-100"><br><br><br>
        
    </div>
</div>
</div>
</div>
</div>
</div>
<!-- Feature End 7-->
```

```
<!-- Feature Start 8-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
    <div class="container feature px-lg-0">
        <div class="row g-0 mx-lg-0">
            <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
```

```
                <div class="p-lg-5 ps-lg-0">
                    <h1 class="mb-4"></h1>
                    <p class="mb-4 pb-2"><h3>How Does a Solar Panel System
Work?</h3>Here’s an example of how a home solar energy installation works. First,
sunlight hits a solar panel on the roof. The panels convert the energy to DC current,
which flows to an inverter. The inverter converts the electricity from DC to AC, which
you can then use to power your home. It’s beautifully simple and clean, and it’s getting
more efficient and affordable all the time.
```

```
                </div>
                <p class="mb-4 pb-2">However, what happens if you’re not home to use the electricity your
solar panels are generating every sunny day? And what happens at night when your
solar system is not generating power in real time? Don’t worry, you may also be able to
benefit from system called “feed in tariffs” depending on your state and energy retailer.
```

```
                </p>
                <p class="mb-4 pb-2">A typical grid-tied PV system, during peak
daylight hours, frequently produces more energy than one customer needs, so that
excess energy is fed back into the grid for use elsewhere. The customer gets credit for
the excess energy produced, and can use that credit to draw from the conventional grid
```

at night or on cloudy days. A ‘feed in tariff’ is the rate at which you effectively ‘sell’ your solar-produced power back into the grid.</p>

```
<div class="row g-4">
  </div>
</div>
<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
  <div class="position-relative h-100">
    
  </div>
</div>
</div>
</div>
</div>
</div>
<!-- Feature End 8-->

<!-- JavaScript Libraries -->
<script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle.min.js"></sc
ript>
<script src="lib/wow/wow.min.js"></script>
<script src="lib/easing/easing.min.js"></script>
<script src="lib/waypoints/waypoints.min.js"></script>
<script src="lib/counterup/counterup.min.js"></script>
<script src="lib/owlcarousel/owl.carousel.min.js"></script>
<script src="lib/isotope/isotope.pkgd.min.js"></script>
<script src="lib/lightbox/js/lightbox.min.js"></script>
<!-- Template Javascript -->
<script src="js/main.js"></script>
</body>
</html>
```

Form 3:

Tax Page :

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<title>Solar</title>
```

```
<meta content="width=device-width, initial-scale=1.0" name="viewport">
```

```
<meta content="" name="keywords">
```

```
<meta content="" name="description">
```

```
<!-- Favicon -->
```

```
<link href="img/favicon.ico" rel="icon">
```

```
<!-- Google Web Fonts -->
```

```
<link rel="preconnect" href="https://fonts.googleapis.com">
```

```
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
```

```
<link
```

```
href="https://fonts.googleapis.com/css2?family=Open+Sans:wght@400;500&family=Roboto:wght@500;700;900&display=swap" rel="stylesheet">
```

```
<!-- Icon Font Stylesheet -->
```

```
<link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.10.0/css/all.min.css" rel="stylesheet">
```

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.4.1/font/bootstrap-icons.css" rel="stylesheet">
```

```
<!-- Libraries Stylesheet -->
```

```
<link href="lib/animate/animate.min.css" rel="stylesheet">
```

```
<link href="lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">
```

```
<link href="lib/lightbox/css/lightbox.min.css" rel="stylesheet">
```

```
<!-- Customized Bootstrap Stylesheet -->
```

```

<link href="css/bootstrap.min.css" rel="stylesheet">

<!-- Template Stylesheet -->
<link href="css/style.css" rel="stylesheet">
</head>
<body>
  <!-- Spinner Start -->
  <div id="spinner" class="show bg-white position-fixed translate-middle w-100
vh-100 top-50 start-50 d-flex align-items-center justify-content-center">
    <div class="spinner-border text-primary" style="width: 3rem; height: 3rem;"
role="status">
      <span class="sr-only">Loading...</span>
    </div>
  </div>
  <!-- Spinner End -->

  <!-- Topbar Start -->
  <div class="container-fluid bg-dark p-0">
    <div class="row gx-0 d-none d-lg-flex">
      <div class="col-lg-7 px-5 text-start">
        <div class="h-100 d-inline-flex align-items-center me-4">
          <small class="fa fa-map-marker-alt text-primary me-2"></small>
          <small> GS COLLEGE, Amravati road, Civil lines, Nagpur </small>
        </div>
        <div class="h-100 d-inline-flex align-items-center">
          <small class="far fa-clock text-primary me-2"></small>
          <small>Mon - Fri : 09.00 AM - 09.00 PM</small>
        </div>
      </div>
      <div class="col-lg-5 px-5 text-end">
        <div class="h-100 d-inline-flex align-items-center me-4">
          <small class="fa fa-phone-alt text-primary me-2"></small>
          <small>8623080249, 9130658447</small>
        </div>
      </div>
    </div>
  </div>

```

```

    </div>
    <div class="h-100 d-inline-flex align-items-center mx-n2">
        <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.facebook.com"><i class="fab fa-facebook-
f"></i></a>
        <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.twitter.com"><i class="fab fa-twitter"></i></a>
        <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.linkedin.com"><i class="fab fa-linkedin-
in"></i></a>
        <a class="btn btn-square btn-link rounded-0"
href="https://www.instagram.com"><i class="fab fa-instagram"></i></a>
    </div>
</div>
</div>
</div>
<!-- Topbar End -->

<!-- Navbar Start -->
<nav <nav class="navbar navbar-expand-lg bg-white navbar-light sticky-top p-
0">
    <a href="index.html" class="navbar-brand d-flex align-items-center border-end
px-4 px-lg-5">
        <h2 class="m-0 text-primary">Solartec</h2>
    </a>
    <button type="button" class="navbar-toggler me-4" data-bs-toggle="collapse"
data-bs-target="#navbarCollapse">
        <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarCollapse">
        <div class="navbar-nav ms-auto p-4 p-lg-0">
            <a href="index.html" class="nav-item nav-link">Home</a>
            <a href="history.html" class="nav-item nav-link">History</a>
            <a href="uses.html" class="nav-item nav-link">Uses</a>

```



```

    <a href="tax.html" class="nav-item nav-link active">Tax</a>
    <a href="government-scheme.html" class="nav-item nav-link">GOV
Scheme</a>
    <div class="nav-item dropdown">
        <a href="#" class="nav-link dropdown-toggle" data-bs-
toggle="dropdown">Source</a>
        <div class="dropdown-menu bg-light m-0">
            <a href="alliances.html" class="dropdown-item">Alliance</a>
            <a href="bidiversity.html" class="dropdown-item">Biodiversity</a>
            <a href="budget.html" class="dropdown-item">Budget</a>
            <a href="company-list.html" class="dropdown-item">Top 10
Companies</a>
        </div>
    </div>
    <a href="" class="nav-item nav-link"></a>
</div>
    <a href="download/future solar.pdf" class="btn btn-primary rounded-0 py-4
px-lg-5 d-none d-lg-block">Get A Quote<i class="fa fa-arrow-right ms-3"></i></a>
</div>
</nav>
<!-- Navbar End -->

<!-- Page Header Start -->
<div class="container-fluid page-header-3 py-5 mb-5">
    <div class="container py-5">
        <h1 class="display-3 text-white mb-5 animated slideInDown">Tax</h1>
        <nav aria-label="breadcrumb animated slideInDown">
            <ol class="breadcrumb">
                <li class="breadcrumb-item"><a class="text-white"
href="index.html">Home</a></li>
                <li class="breadcrumb-item"><a class="text-white"
href="budget.html">Budget</a></li>
                <li class="breadcrumb-item"><a class="text-white"
href="alliances.html">Alliance</a></li>

```

```
</ol>
</nav>
</div>
</div>
<!-- Page Header End -->

<!-- Feature Start 1-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
  <div class="container feature px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
        <div class="p-lg-5 ps-lg-0">
          <h6 class="text-primary">Tax </h6>
          <h1 class="mb-4">Tax reductions and generous incentives for
homeowners are widely available</h1>
          <p class="mb-4 pb-2">Incentives on residential solar energy are what
makes the whole difference, and they are the main reason why solar energy has become
so accessible to many. Yes, switching to solar energy is a major decision when it
comes to finance, but right now you have the great advantage of reducing the final
price of solar equipment by at least 30 percent thanks to numerous incentive programs
offered by the federal and/or state governments.</p>
          <p class="mb-4 pb-2">Currently, you can take advantage of tax
benefits, solar rebate programs or performance-based incentives for your solar system.
However, as the solar popularity grows among homeowners, many incentives will be
phased out or reduced in the upcoming years.</p>
          <p class="mb-4 pb-2">One of the game-changers for widespread
adoption of solar energy has been the Solar Investment Tax Credit (ITC). The ITC
offered a 30 percent dollar for dollar reduction in taxes for solar projects until 2019 and
originally was supposed to phase out. Luckily you still have your chance on this one!
The phasedown process has been delayed by the Congress passing on the Inflation
Reduction Act in August 2022. This year you can still benefit from 30 percent tax
reduction. In addition to the ITC, some states offer state tax credits.</p>
        <div class="row g-4">
```

```
</div>
</div>
</div>
<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
  <div class="position-relative h-100"><br><br><br><br><br><br><br>
    
  </div>
</div>
</div>
</div>
</div>
</div>
<!-- Feature End 1-->

<!-- Feature Start 2-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
  <div class="container feature px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
        <div class="p-lg-5 ps-lg-0">
          <h6 class="text-primary">Continue...</h6>
          <h1 class="mb-4"></h1>
          <p class="mb-4 pb-2">Many states are compelled to procure a certain
percentage of energy from renewables. One promising area to earn money from
residential solar energy is in the market for Solar Renewable Energy Certificates (or
SRECs) if available in your state. You are basically sending your solar energy to the
utility company and in return get paid as a compensation for helping to outsource
renewably produced energy.</p>
          <p class="mb-4 pb-2">You may be eligible even for the
performance-based incentives, when you are paid per kilowatt-hour of electricity your
solar system produces and supplies to the grid.</p>
          <p class="mb-4 pb-2">If interested in finding out about local solar
```

policies, you can find detailed information on solar incentives for your state in the Database of State Incentives for Renewables & Efficiency (DSIRE). </p>

```
<div class="row g-4">
  </div>
</div>
<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
  <div class="position-relative h-100"><br><br><br>
    
  </div>
</div>
</div>
</div>
</div>
</div>
<!-- Feature End 2-->
```

```
<!-- Feature Start 3-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
  <div class="container feature px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
        <div class="p-lg-5 ps-lg-0">
          <h6 class="text-primary"></h6>
          <h1 class="mb-4"></h1>
          <p class="mb-4 pb-2"><h3>Solar energy systems for homes are
durable with minimum maintenance</h3>Solar power technology is a good investment
as it is extremely durable and will not break-down easily even when exposed to
elements for two decades. Solar panels have no moving parts, which makes them less
prone to mechanical damage, and they are optimized to withstand tough weather
conditions as well as surges in energy without significant damage.</p>
          <p class="mb-4 pb-2">This means that after the initial investment of
```

purchasing and installing solar photovoltaic panels or other solar energy systems, you will be able to start seeing returns on your investment – in the form of reduced energy bills – without needing to spend money on repairs.</p>

```
<div class="row g-4">
  </div>
</div>
</div>
<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
  <div class="position-relative h-100"><br>
    <br>
  </div>
</div>
</div>
</div>
</div>
</div>
<!-- Feature End 3-->
```

```
<!-- Feature Start 4-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
  <div class="container feature px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
        <div class="p-lg-5 ps-lg-0">
          <h6 class="text-primary">Continue...</h6>
          <h1 class="mb-4"></h1>
          <p class="mb-4 pb-2">Solar technology is therefore relatively hassle-
free and even if something were to happen, most solar panels come with a twenty-years
warranty. All you need to do to make sure you receive the best energy output is basic
maintenance from time to time.</p>
          <p class="mb-4 pb-2">Some installers may offer a maintenance
service that includes checking all parts of the system as well as cleaning the panels
```

regularly for you. If you lease solar panels, this service is done automatically.</p>

<p class="mb-4 pb-2">But even if you do the maintenance yourself, it's not difficult work. In most cases, it just means removing dirt or dust from solar panel surface to enable maximum light absorption. It is not a difficult task that would take much of your time.</p>

<div class="row g-4">

</div>

</div>

</div>

<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s" style="min-height: 400px;">

<div class="position-relative h-100">

</div>

</div>

</div>

</div>

</div>

<!-- Feature End 4-->

<!-- Feature Start 5-->

<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">

<div class="container feature px-lg-0">

<div class="row g-0 mx-lg-0">

<div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-delay="0.1s">

<div class="p-lg-5 ps-lg-0">

<h6 class="text-primary"></h6>

<h1 class="mb-4"></h1>

<p class="mb-4 pb-2"><h3>Opting for solar energy helps conserve natural resources</h3>Producing solar panels comes at a smaller environmental cost. The environmental impacts of making solar panels are minimal, especially when compared to the impact of fossil fuel energy.</p>

<p class="mb-4 pb-2">Compared with coal electricity, solar

electricity uses 86% to 89% less water; it also uses 80% less land and has 95% lower toxicity to humans; it also causes 92% to 97% less acid rain, and 97% to 98% less marine eutrophication (the cause of algal blooms) [14].</p>

<p class="mb-4 pb-2">Even though solar technology is made of resources that have to be mined and processed, 96 percent of the material contained in silicon solar panels is recyclable and can be reused to produce new solar cells right away.</p>

<div class="row g-4">

</div>

</div>

</div>

<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s" style="min-height: 400px;">

<div class="position-relative h-100">

</div>

</div>

</div>

</div>

</div>

<!-- Feature End 5-->

<!-- Feature Start 6-->

<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">

<div class="container feature px-lg-0">

<div class="row g-0 mx-lg-0">

<div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-delay="0.1s">

<div class="p-lg-5 ps-lg-0">

<h6 class="text-primary">Continue...</h6>

<h1 class="mb-4"></h1>

<p class="mb-4 pb-2">This makes the solar industry much more

environmentally friendly compared to fossil fuels, especially since fossil fuels can only be used once. For example, oil companies may extract petroleum 24 hours a day, seven days a week, 365 days a year over several years, but once extracted and used, there is no way to reuse this finite resource.</p>

<p class="mb-4 pb-2">Solar panels, on the other hand, keep producing energy for over 25 years and then can be recycled to continue producing energy in the new form once again.</p>

<div class="row g-4">

</div>

</div>

</div>

<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s" style="min-height: 400px;">

<div class="position-relative h-100">

</div>

</div>

</div>

</div>

</div>

<!-- Feature End 6-->

<!-- JavaScript Libraries -->

<script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>

<script

src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle.min.js"></script>

<script src="lib/wow/wow.min.js"></script>

<script src="lib/easing/easing.min.js"></script>

<script src="lib/waypoints/waypoints.min.js"></script>

<script src="lib/counterup/counterup.min.js"></script>

<script src="lib/owlcarousel/owl.carousel.min.js"></script>

<script src="lib/isotope/isotope.pkgd.min.js"></script>


```
<script src="lib/lightbox/js/lightbox.min.js"></script>
```

```
<!-- Template Javascript -->
```

```
<script src="js/main.js"></script>
```

```
</body>
```

```
</html>
```

Form 4:

Gov Scheme:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <title>Solar</title>
    <meta content="width=device-width, initial-scale=1.0" name="viewport">
    <meta content="" name="keywords">
    <meta content="" name="description">

    <!-- Favicon -->
    <link href="img/favicon.ico" rel="icon">

    <!-- Google Web Fonts -->
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=Open+Sans:wght@400;500&family=
Roboto:wght@500;700;900&display=swap" rel="stylesheet">

    <!-- Icon Font Stylesheet -->
    <link href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.10.0/css/all.min.css" rel="stylesheet">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.4.1/font/bootstrap-
icons.css" rel="stylesheet">

    <!-- Libraries Stylesheet -->
    <link href="lib/animate/animate.min.css" rel="stylesheet">
    <link href="lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">
    <link href="lib/lightbox/css/lightbox.min.css" rel="stylesheet">

    <!-- Customized Bootstrap Stylesheet -->
```

```

<link href="css/bootstrap.min.css" rel="stylesheet">

<!-- Template Stylesheet -->
<link href="css/style.css" rel="stylesheet">
</head>

<body>
  <!-- Spinner Start -->
  <div id="spinner" class="show bg-white position-fixed translate-middle w-100
vh-100 top-50 start-50 d-flex align-items-center justify-content-center">
    <div class="spinner-border text-primary" style="width: 3rem; height: 3rem;"
role="status">
      <span class="sr-only">Loading...</span>
    </div>
  </div>
  <!-- Spinner End -->

  <!-- Topbar Start -->
  <div class="container-fluid bg-dark p-0">
    <div class="row gx-0 d-none d-lg-flex">
      <div class="col-lg-7 px-5 text-start">
        <div class="h-100 d-inline-flex align-items-center me-4">
          <small class="fa fa-map-marker-alt text-primary me-2"></small>
          <small> GS COLLEGE, Amravati road, Civil lines, Nagpur </small>
        </div>
        <div class="h-100 d-inline-flex align-items-center">
          <small class="far fa-clock text-primary me-2"></small>
          <small>Mon - Fri : 09.00 AM - 09.00 PM</small>
        </div>
      </div>
      <div class="col-lg-5 px-5 text-end">
        <div class="h-100 d-inline-flex align-items-center me-4">
          <small class="fa fa-phone-alt text-primary me-2"></small>
          <small>8623080249, 9130658447</small>
        </div>
      </div>
    </div>
  </div>

```

```

    </div>
    <div class="h-100 d-inline-flex align-items-center mx-n2">
        <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.facebook.com"><i class="fab fa-facebook-
f"></i></a>
        <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.twitter.com"><i class="fab fa-twitter"></i></a>
        <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.linkedin.com"><i class="fab fa-linkedin-
in"></i></a>
        <a class="btn btn-square btn-link rounded-0"
href="https://www.instagram.com"><i class="fab fa-instagram"></i></a>
    </div>
</div>
</div>
</div>
<!-- Topbar End -->

<!-- Navbar Start -->
<nav <nav class="navbar navbar-expand-lg bg-white navbar-light sticky-top p-
0">
    <a href="index.html" class="navbar-brand d-flex align-items-center border-end
px-4 px-lg-5">
        <h2 class="m-0 text-primary">Solartec</h2>
    </a>
    <button type="button" class="navbar-toggler me-4" data-bs-toggle="collapse"
data-bs-target="#navbarCollapse">
        <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarCollapse">
        <div class="navbar-nav ms-auto p-4 p-lg-0">
            <a href="index.html" class="nav-item nav-link">Home</a>
            <a href="history.html" class="nav-item nav-link">History</a>

```

```

    <a href="uses.html" class="nav-item nav-link">Uses</a>
    <a href="tax.html" class="nav-item nav-link">Tax</a>
    <a href="goverment-scheme.html" class="nav-item nav-link active">GOV
Scheme</a>
    <div class="nav-item dropdown">
        <a href="#" class="nav-link dropdown-toggle" data-bs-
toggle="dropdown">Source</a>
        <div class="dropdown-menu bg-light m-0">
            <a href="alliances.html" class="dropdown-item">Alliance</a>
            <a href="bidiversity.html" class="dropdown-item">Biodiversity</a>
            <a href="budget.html" class="dropdown-item">Budget</a>
            <a href="company-list.html" class="dropdown-item">Top 10
Companies</a>
        </div>
    </div>
    <a href="" class="nav-item nav-link"></a>
</div>
    <a href="download/future solar.pdf" class="btn btn-primary rounded-0 py-4
px-lg-5 d-none d-lg-block">Get A Quote<i class="fa fa-arrow-right ms-3"></i></a>
</div>
</nav>
<!-- Navbar End -->

<!-- Page Header Start -->
<div class="container-fluid page-header-4 py-5 mb-5">
    <div class="container py-5">
        <h1 class="display-3 text-white mb-3 animated slideInDown">Government
Scheme</h1>
        <nav aria-label="breadcrumb animated slideInDown">
            <ol class="breadcrumb">
                <li class="breadcrumb-item"><a class="text-white"
href="index.html">Home</a></li>
                <li class="breadcrumb-item"><a class="text-white"

```

```

href="budget.html">Budget</a></li>
      <li class="breadcrumb-item"><a class="text-white"
href="alliances.html">Alliance</a></li>
    </ol>
  </nav>
</div>
</div>
<!-- Page Header End -->

<!-- Feature Start 1-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
  <div class="container feature px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
        <div class="p-lg-5 ps-lg-0">
          <h6 class="text-primary">GOVERNMENT SCHEME</h6>
          <h1 class="mb-4">Pradhan Mantri Kisan Urja Suraksha evam
Utthaan Mahabhiyaan (PM KUSUM)</h1>
          <p class="mb-4 pb-2">The scheme aims to add solar and other
renewable capacity of 30,800 MW by 2022 with total central financial support of Rs.
34,422 Crore including service charges to the implementing agencies.</p>
          <p class="mb-4 pb-2"><h3><a href="download/future
solar.pdf">Click Here To Download</a></h3></p>
          <div class="row g-4">
            </div>
          </div>
        </div>
      <div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
        <div class="position-relative h-100"><br><br><br>
          
        </div>

```

```
        </div>
    </div>
</div>
</div>
<!-- Feature End 1-->

<!-- JavaScript Libraries -->
<script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle.min.js">
</script>
<script src="lib/wow/wow.min.js"></script>
<script src="lib/easing/easing.min.js"></script>
<script src="lib/waypoints/waypoints.min.js"></script>
<script src="lib/counterup/counterup.min.js"></script>
<script src="lib/owlcarousel/owl.carousel.min.js"></script>
<script src="lib/isotope/isotope.pkgd.min.js"></script>
<script src="lib/lightbox/js/lightbox.min.js"></script>

<!-- Template Javascript -->
<script src="js/main.js"></script>
</body>
</html>
```

Form 5:

Alliance Page:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <title>Solar</title>
    <meta content="width=device-width, initial-scale=1.0" name="viewport">
    <meta content="" name="keywords">
    <meta content="" name="description">

    <!-- Favicon -->
    <link href="img/favicon.ico" rel="icon">

    <!-- Google Web Fonts -->
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=Open+Sans:wght@400;500&family=
Roboto:wght@500;700;900&display=swap" rel="stylesheet">

    <!-- Icon Font Stylesheet -->
    <link href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.10.0/css/all.min.css" rel="stylesheet">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.4.1/font/bootstrap-
icons.css" rel="stylesheet">

    <!-- Libraries Stylesheet -->
    <link href="lib/animate/animate.min.css" rel="stylesheet">
    <link href="lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">
    <link href="lib/lightbox/css/lightbox.min.css" rel="stylesheet">

    <!-- Customized Bootstrap Stylesheet -->
```



```

<link href="css/bootstrap.min.css" rel="stylesheet">

<!-- Template Stylesheet -->
<link href="css/style.css" rel="stylesheet">
</head>

<body>
  <!-- Spinner Start -->
  <div id="spinner" class="show bg-white position-fixed translate-middle w-100
vh-100 top-50 start-50 d-flex align-items-center justify-content-center">
    <div class="spinner-border text-primary" style="width: 3rem; height: 3rem;"
role="status">
      <span class="sr-only">Loading...</span>
    </div>
  </div>
  <!-- Spinner End -->

  <!-- Topbar Start -->
  <div class="container-fluid bg-dark p-0">
    <div class="row gx-0 d-none d-lg-flex">
      <div class="col-lg-7 px-5 text-start">
        <div class="h-100 d-inline-flex align-items-center me-4">
          <small class="fa fa-map-marker-alt text-primary me-2"></small>
          <small>GS COLLEGE, Amravati road, Civil lines, Nagpur </small>
        </div>
        <div class="h-100 d-inline-flex align-items-center">
          <small class="far fa-clock text-primary me-2"></small>
          <small>Mon - Fri : 09.00 AM - 09.00 PM</small>
        </div>
      </div>
      <div class="col-lg-5 px-5 text-end">
        <div class="h-100 d-inline-flex align-items-center me-4">
          <small class="fa fa-phone-alt text-primary me-2"></small>

```

```

        <small>8623080249, 9130658447</small>
    </div>
    <div class="h-100 d-inline-flex align-items-center mx-n2">
        <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.facebook.com"><i class="fab fa-facebook-
f"></i></a>
        <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.twitter.com"><i class="fab fa-twitter"></i></a>
        <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.linkedin.com"><i class="fab fa-linkedin-
in"></i></a>
        <a class="btn btn-square btn-link rounded-0"
href="https://www.instagram.com"><i class="fab fa-instagram"></i></a>
    </div>
</div>
</div>
</div>
<!-- Topbar End -->

<!-- Navbar Start -->
<nav <nav class="navbar navbar-expand-lg bg-white navbar-light sticky-top p-
0">
    <a href="index.html" class="navbar-brand d-flex align-items-center border-end
px-4 px-lg-5">
        <h2 class="m-0 text-primary">Solartec</h2>
    </a>
    <button type="button" class="navbar-toggler me-4" data-bs-toggle="collapse"
data-bs-target="#navbarCollapse">
        <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarCollapse">
        <div class="navbar-nav ms-auto p-4 p-lg-0">
            <a href="index.html" class="nav-item nav-link">Home</a>

```

```

    <a href="history.html" class="nav-item nav-link">History</a>
    <a href="uses.html" class="nav-item nav-link">Uses</a>
    <a href="tax.html" class="nav-item nav-link">Tax</a>
    <a href="government-scheme.html" class="nav-item nav-link">GOV
Scheme</a>
    <div class="nav-item dropdown">
        <a href="#" class="nav-link active dropdown-toggle" data-bs-
toggle="dropdown">Source</a>
        <div class="dropdown-menu bg-light m-0">
            <a href="alliances.html" class="dropdown-item active">Alliance</a>
            <a href="biodiversity.html" class="dropdown-item">Biodiversity</a>
            <a href="budget.html" class="dropdown-item">Budget</a>
            <a href="company-list.html" class="dropdown-item">Top 10
Companies</a>
        </div>
    </div>
    <a href="" class="nav-item nav-link"></a>
</div>
    <a href="download/future solar.pdf" class="btn btn-primary rounded-0 py-4
px-lg-5 d-none d-lg-block">Get A Quote<i class="fa fa-arrow-right ms-3"></i></a>
</div>
</nav>
<!-- Navbar End -->

<!-- Page Header Start -->
<div class="container-fluid page-header-5 py-5 mb-5">
    <div class="container py-5">
        <h1 class="display-3 text-white mb-3 animated
slideInDown">Alliances</h1>
        <nav aria-label="breadcrumb animated slideInDown">
            <ol class="breadcrumb">
                <li class="breadcrumb-item"><a class="text-white"
href="index.html">Home</a></li>

```

```
<li class="breadcrumb-item"><a class="text-white"
href="budget.html">Budget</a></li>
<li class="breadcrumb-item"><a class="text-white"
href="alliances.html">Alliance</a></li>
</ol>
</nav>
</div>
</div>
<!-- Page Header End -->
```

```
<!-- Feature Start 1-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
  <div class="container feature px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
        <div class="p-lg-5 ps-lg-0">
          <h6 class="text-primary">INTERNATIONAL SOLAR
ALLIANCE</h6>
          <h1 class="mb-4">About ISA</h1>
          <p class="mb-4 pb-2">The International Solar Alliance (ISA) is an
action-oriented, member-driven, collaborative platform for increased deployment of
solar energy technologies as a means for bringing energy access, ensuring energy
security, and driving energy transition in its member countries.</p>
          <p class="mb-4 pb-2">The ISA strives to develop and deploy cost-
effective and transformational energy solutions powered by the sun to help member
countries develop low-carbon growth trajectories, with particular focus on delivering
impact in countries categorized as Least Developed Countries (LDCs) and the Small
Island Developing States (SIDS). Being a global platform, ISA's partnerships with
multilateral development banks (MDBs), development financial institutions (DFIs),
private and public sector organisations, civil society and other international institutions
is key to delivering the change its seeks to see in the world going ahead.</p>
        </div class="row g-4">
```

```
</div>
</div>
</div>
<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
  <div class="position-relative h-100"><br><br><br><br><br><br><br>
  
  </div>
</div>
</div>
</div>
</div>
</div>
<!-- Feature End 1-->
```

```
<!-- Feature Start 2-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
  <div class="container feature px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
        <div class="p-lg-5 ps-lg-0">
          <h6 class="text-primary">Continue</h6>
          <h1 class="mb-4"></h1>
          <p class="mb-4 pb-2">The ISA is guided by its ‘Towards 1000’
strategy which aims to mobilise USD 1,000 billion of investments in solar energy
solutions by 2030, while delivering energy access to 1,000 million people using clean
energy solutions and resulting in installation of 1,000 GW of solar energy capacity.
This would help mitigate global solar emissions to the tune of 1,000 million tonnes of
CO2 every year. For meeting these goals, the ISA takes a programmatic approach.
Currently, the ISA has 9 comprehensive programmes, each focusing on a distinct
application that could help scale deployment of solar energy solutions. Activities under
```

the programmes focuses on 4 priority areas – Analytics & Advocacy, Capacity Building, Programmatic Support, and readiness and enabling activities, that help create a favourable environment for solar energy investments to take root in the country.</p>

```
<div class="row g-4">
  </div>
</div>
</div>
<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
  <div class="position-relative h-100">
    
  </div>
</div>
</div>
</div>
</div>
</div>
<!-- Feature End 2-->
```

```
<!-- Feature Start 3-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
  <div class="container feature px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
        <div class="p-lg-5 ps-lg-0">
          <h6 class="text-primary">Continue</h6>
          <h1 class="mb-4"></h1>
          <p class="mb-4 pb-2">The ISA was conceived as a joint effort by
India and France to mobilize efforts against climate change through deployment of
solar energy solutions. It was conceptualized on the sidelines of the 21st Conference of
Parties (COP21) to the United Nations Framework Convention on Climate Change
(UNFCCC) held in Paris in 2015. With the amendment of its Framework Agreement in
2020, all member states of the United Nations are now eligible to join the ISA. At
```

present, 110 countries are signatories to the ISA Framework Agreement, of which 90 countries have submitted the necessary instruments of ratification to become full members of the ISA.</p>

```
<div class="row g-4">
  </div>
</div>
</div>
<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
  <div class="position-relative h-100">
    
  </div>
</div>
</div>
</div>
</div>
</div>
<!-- Feature End 3-->

<!-- Feature Start 4-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
  <div class="container feature px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
        <div class="p-lg-5 ps-lg-0">
          <h6 class="text-primary">Vision </h6>
          <h1 class="mb-4">Let us together make the sun brighter.</h1>
          <h6 class="text-primary">Mission </h6>
          <h1 class="mb-4"><h3>Director General</h3><h4>Dr. Ajay
Mathur</h4>The International Solar Alliance is headed by the Director General, who
leads the operations and carries out the functions of the ISA Secretariat and is
responsible to the ISA Assembly. The Director General has a term of four years and is
eligible for re-election. H.E. Dr. Ajay Mathur holds the office of the Director General
```

presently.</h1>

<p class="mb-4 pb-2">Prior to joining ISA, Dr. Mathur was Director General of The Energy and Resources Institute (TERI). At TERI, he has spearheaded the move to accelerate action towards a low-carbon and cleaner economy through the promotion and adoption of renewable energy and green hydrogen in the Indian electricity sector, enhancing efficiency in buildings and industry, and promoting environmental quality through institutional and policy measures to enhance air quality across the country, adoption of resource efficiency and waste recycling measures, and biotechnology-based solutions, especially for agricultural and industrial environment improvement.</p>

<p class="mb-4 pb-2">He was co-chair of the global Energy Transitions Commission; and of the Clean Cooling Initiatives of the One Planet Summit.</p>

<p class="mb-4 pb-2">He earlier headed the Indian Bureau of Energy Efficiency, and was responsible for its foundational programmes which mainstreamed energy efficiency through initiatives such as the Star Labeling programme for appliances, the Energy Conservation Building Code, and the Perform, Achieve & Trade programme for energy-intensive industries. He was a leading climate change negotiator, and was the Indian spokesperson at the Paris climate negotiations. He served as the interim Director of the Green Climate Fund during its foundational period.</p>

<div class="row g-4">

</div>

</div>

</div>

<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s" style="min-height: 400px;">

<div class="position-relative h-100">

</div>

</div>

</div>

</div>

</div>

<!-- Feature End 4-->

<!-- Feature Start 5-->

<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">

<div class="container feature px-lg-0">

<div class="row g-0 mx-lg-0">

<div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-delay="0.1s">

<div class="p-lg-5 ps-lg-0">

<h6 class="text-primary">Continue... </h6>

<h1 class="mb-4"></h1>

<h1 class="mb-4"><h3>Education & Training</h3>Dr. Mathur received a Bachelor's degree in Chemical Engineering from the (then) University of Roorkee, and Masters and PhD degrees from the University of Illinois. He has also received the Distinguished Alumnus Awards from both his alma maters.</h1>

<p class="mb-4 pb-2"><h3>Awards</h3>He was appointed a Chevalier de l'Ordre national du Merite by the President of France in recognition of his outstanding commitment to the preservation of the environment and coping with energy-related challenges</p>

<p class="mb-4 pb-2">He was co-chair of the global Energy Transitions Commission; and of the Clean Cooling Initiatives of the One Planet Summit.</p>

<p class="mb-4 pb-2">He earlier headed the Indian Bureau of Energy Efficiency, and was responsible for its foundational programmes which mainstreamed energy efficiency through initiatives such as the Star Labeling programme for appliances, the Energy Conservation Building Code, and the Perform, Achieve & Trade programme for energy-intensive industries. He was a leading climate change negotiator, and was the Indian spokesperson at the Paris climate negotiations. He served as the interim Director of the Green Climate Fund during its foundational period.</p>

<div class="row g-4">

</div>

```
</div>
</div>
<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
  <div class="position-relative h-
100"><br><br><br><br><br><br><br><br><br>
    
  </div>
</div>
</div>
</div>
</div>
<!-- Feature End 5-->
```

```
<!-- Feature Start 6-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
  <div class="container feature px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
        <div class="p-lg-5 ps-lg-0">
          <h6 class="text-primary">Continue... </h6>
          <h1 class="mb-4"></h1>
          <h1 class="mb-4"><h3>
            Rules of Procedure of the Assembly of the International Solar
Alliance (ISA)
          </h3>The Assembly of the ISA is the apex decision-making body
which comprises of representatives from each Member Country. The Assembly
deliberates matters of substance such as the selection of the Director General,
achievement of ISA objectives, its functioning, approval of operating budget and
more.</h1>
          <p class="mb-4 pb-2">This ultimate cohort of the ISA also assesses
the implementation and aggregate effect of the Programmes and other activities under
```

the Alliance, in terms of deployment of solar energy, performance, reliability, as well as cost and scale of finance. Thereupon, the Assembly determines the course of coordinated actions to be taken for the development and furtherance of the ISA Programmes.

The Assembly convenes annually wherein the ISA Member Country representatives exercise their votes to make all necessary decisions regarding the said matters, in the presence of non-voting participants including observers, prospective member nations, partner organizations and special invitees. The ISA Framework Agreement asserts that the Assembly may also meet under special circumstances.

```
<div class="row g-4">
  </div>
</div>
</div>
<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
  <div class="position-relative h-100"><br><br><br><br><br><br>
    
  </div>
</div>
</div>
</div>
</div>
</div>
<!-- Feature End 6-->
```

```
<!-- Feature Start 7-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
  <div class="container feature px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
        <div class="p-lg-5 ps-lg-0">
          <h1 class="mb-4">Assembly of the ISA</h1>
```

First Assembly The first Assembly of the ISA was held from 2nd to 5th October 2018 in Greater Noida, National Capital Region, India. The event was held in collaboration with Second Global REINVEST, ISA India partnership, Renewable Energy and Investors Meet & Expo and was hosted by GOI. The 3-day convention included an Inaugural Session, unveiled by the Hon'ble Prime Minister of India, H.E. Mr. Narendra Modi and the UN Secretary General, H.E. Mr. António Guterres on the 3rd October 2018, followed by the Assembly Session and Technical Sessions. If you want to know more, please write to us at assembly@isolaralliance.org

Second Assembly The second Assembly of the ISA was convened from 30th October to 1st November 2019 at New Delhi, India. If you want to know more, please write to us at assembly@isolaralliance.org

Third Assembly The third Assembly of the ISA was held on 14 - 16 October 2020. If you want to know more, please write to us at assembly@isolaralliance.org

Fourth Assembly The Fourth Session of the ISA Assembly is scheduled to be held on October 20th, 2021, in virtual mode from 1430 HRS(IST)/0900 HRS(GMT). The ISA Secretariat has planned a series of technical sessions on various strategic initiatives of the ISA on October 18th, 2021, and technical sessions on various emergent issues in the solar and clean energy sector in partnership with our partner and other organizations on October 21st, 2021. The technical sessions would feature in-depth expert deliberations on various thematic issues to help the ISA Secretariat refine its programmatic focus moving forward.

The ISA Secretariat requests prospective delegates from ISA Member Countries, Signatory Countries, Prospective Member Countries, Corporate Partner Organisations, Partner Organisations, and Special Invitee Organisations to kindly register under the relevant category for the Fourth Assembly of the ISA at <https://isaevent.org/>. The ISA Secretariat also requests the prospective delegates to indicate their preference for attending any or all of the side-events at the Fourth Assembly while registering for the Fourth Assembly. Participation in side-events is optional.

If you want to know more, please write to us at : assembly@isolaralliance.org</p>

<div class="row g-4">

</div>

</div>

</div>

<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s" style="min-height: 400px;">

<div class="position-relative h-100">

</div>

</div>

</div>

</div>

</div>

<!-- Feature End 7-->

<!-- Feature Start 8-->

<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">

<div class="container feature px-lg-0">

<div class="row g-0 mx-lg-0">

<div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-delay="0.1s">

<div class="p-lg-5 ps-lg-0">

<h1 class="mb-4"></h1>

<p class="mb-4 pb-2"><h3>Key responsibilities of the Secretariat</h3>In accordance with the article III.4 of the ISA Framework Agreement, the Secretariat, inter alia, shall: </p>

```

        <div class="row g-4">
            </div>
        </div>
    </div>
    <div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
        <div class="position-relative h-100"><br><br>
            
        </div>
    </div>
</div>
</div>
</div>
</div>
<!-- Feature End 8-->

<!-- JavaScript Libraries -->
<script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle.min.js">
</script>
<script src="lib/wow/wow.min.js"></script>
<script src="lib/easing/easing.min.js"></script>
<script src="lib/waypoints/waypoints.min.js"></script>
<script src="lib/counterup/counterup.min.js"></script>
<script src="lib/owlcarousel/owl.carousel.min.js"></script>
<script src="lib/isotope/isotope.pkgd.min.js"></script>
<script src="lib/lightbox/js/lightbox.min.js"></script>

<!-- Template Javascript -->
<script src="js/main.js"></script>
</body>
</html>

```

Form 6:

Biodiversity :

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<title>Solar</title>
```

```
<meta content="width=device-width, initial-scale=1.0" name="viewport">
```

```
<meta content="" name="keywords">
```

```
<meta content="" name="description">
```

```
<!-- Favicon -->
```

```
<link href="img/favicon.ico" rel="icon">
```

```
<!-- Google Web Fonts -->
```

```
<link rel="preconnect" href="https://fonts.googleapis.com">
```

```
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
```

```
<link
```

```
href="https://fonts.googleapis.com/css2?family=Open+Sans:wght@400;500&family=Roboto:wght@500;700;900&display=swap" rel="stylesheet">
```

```
<!-- Icon Font Stylesheet -->
```

```
<link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.10.0/css/all.min.css" rel="stylesheet">
```

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.4.1/font/bootstrap-icons.css" rel="stylesheet">
```

```
<!-- Libraries Stylesheet -->
```

```
<link href="lib/animate/animate.min.css" rel="stylesheet">
```

```
<link href="lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">
```

```
<link href="lib/lightbox/css/lightbox.min.css" rel="stylesheet">
```

```
<!-- Customized Bootstrap Stylesheet -->
```

```

<link href="css/bootstrap.min.css" rel="stylesheet">
<!-- Template Stylesheet -->
<link href="css/style.css" rel="stylesheet">
</head>

<body>
  <!-- Spinner Start -->
  <div id="spinner" class="show bg-white position-fixed translate-middle w-100
vh-100 top-50 start-50 d-flex align-items-center justify-content-center">
    <div class="spinner-border text-primary" style="width: 3rem; height: 3rem;"
role="status">
      <span class="sr-only">Loading...</span>
    </div>
  </div>
  <!-- Spinner End -->

  <!-- Topbar Start -->
  <div class="container-fluid bg-dark p-0">
    <div class="row gx-0 d-none d-lg-flex">
      <div class="col-lg-7 px-5 text-start">
        <div class="h-100 d-inline-flex align-items-center me-4">
          <small class="fa fa-map-marker-alt text-primary me-2"></small>
          <small> GS COLLEGE, Amravati road, Civil lines, Nagpur </small>
        </div>
        <div class="h-100 d-inline-flex align-items-center">
          <small class="far fa-clock text-primary me-2"></small>
          <small>Mon - Fri : 09.00 AM - 09.00 PM</small>
        </div>
      </div>
      <div class="col-lg-5 px-5 text-end">
        <div class="h-100 d-inline-flex align-items-center me-4">
          <small class="fa fa-phone-alt text-primary me-2"></small>
          <small>8623080249, 9130658447</small>
        </div>
      </div>
    </div>
  </div>

```



```

    </div>
    <div class="h-100 d-inline-flex align-items-center mx-n2">
        <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.facebook.com"><i class="fab fa-facebook-
f"></i></a>
        <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.twitter.com"><i class="fab fa-twitter"></i></a>
        <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.linkedin.com"><i class="fab fa-linkedin-
in"></i></a>
        <a class="btn btn-square btn-link rounded-0"
href="https://www.instagram.com"><i class="fab fa-instagram"></i></a>
    </div>
</div>
</div>
</div>
<!-- Topbar End -->

<!-- Navbar Start -->
<nav <nav class="navbar navbar-expand-lg bg-white navbar-light sticky-top p-
0">
    <a href="index.html" class="navbar-brand d-flex align-items-center border-end
px-4 px-lg-5">
        <h2 class="m-0 text-primary">Solartec</h2>
    </a>
    <button type="button" class="navbar-toggler me-4" data-bs-toggle="collapse"
data-bs-target="#navbarCollapse">
        <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarCollapse">
        <div class="navbar-nav ms-auto p-4 p-lg-0">
            <a href="index.html" class="nav-item nav-link">Home</a>
            <a href="history.html" class="nav-item nav-link">History</a>

```

```

    <a href="uses.html" class="nav-item nav-link">Uses</a>
    <a href="tax.html" class="nav-item nav-link">Tax</a>
    <a href="goverment-scheme.html" class="nav-item nav-link">GOV
Scheme</a>
    <div class="nav-item dropdown">
        <a href="#" class="nav-link active dropdown-toggle" data-bs-
toggle="dropdown">Source</a>
        <div class="dropdown-menu bg-light m-0">
            <a href="alliances.html" class="dropdown-item">Alliance</a>
            <a href="bidiversity.html" class="dropdown-item
active">Biodiversity</a>
            <a href="budget.html" class="dropdown-item">Budget</a>
            <a href="company-list.html" class="dropdown-item">Top 10
Companies</a>
        </div>
    </div>
    <a href="" class="nav-item nav-link"></a>
</div>
    <a href="download/future solar.pdf" class="btn btn-primary rounded-0 py-4
px-lg-5 d-none d-lg-block">Get A Quote<i class="fa fa-arrow-right ms-3"></i></a>
</div>
</nav>
<!-- Navbar End -->

<!-- Page Header Start -->
<div class="container-fluid page-header-6 py-5 mb-5">
    <div class="container py-5">
        <h1 class="display-3 text-white mb-3 animated
slideDown">Biodiversity</h1>
        <nav aria-label="breadcrumb animated slideInDown">
            <ol class="breadcrumb">
                <li class="breadcrumb-item"><a class="text-white"
href="index.html">Home</a></li>
                <li class="breadcrumb-item"><a class="text-white"

```

```
href="budget.html">Budget</a></li>
    <li class="breadcrumb-item"><a class="text-white"
href="alliances.html">Alliance</a></li>
    </ol>
</nav>
</div>
</div>
<!-- Page Header End -->

<!-- Feature Start 1-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
    <div class="container feature px-lg-0">
        <div class="row g-0 mx-lg-0">
            <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
                <div class="p-lg-5 ps-lg-0">
                    <h6 class="text-primary">biodiversity</h6>
                    <h1 class="mb-4">Solar energy is good for biodiversity</h1>
                    <p class="mb-4 pb-2">Solar energy is not just good from a climate or
resource saving point of view – even though reduced greenhouse gas emissions help
protect earth’s ecosystems, but having solar panels is good for the environment in
terms of allowing biodiversity of species to safely coexist and reducing pollution on
land and in the water. </p>
                    <p class="mb-4 pb-2">There is evidence that the land on solar farms
can be simultaneously used as a free area of local biodiversity where native plants
grow and support healthy populations of insects, including bees, birds and small
wildlife.</p>
                    <p class="mb-4 pb-2">The possibilities are many, unlike with large
and polluting fossil fuel plants, solar technology is safe in most cases (unless built in
sensitive ecosystems) and allows for simultaneous use of land for more purposes. For
example, by integrating solar panels in the right way, small farms can do both, provide
us with sustainably grown food produce while generating renewable energy that helps
to run the farm operations.</p>
                <div class="row g-4">
```

```

        </div>
    </div>
</div>
<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
    <div class="position-relative h-100"><br><br><br><br>
        
    </div>
</div>
</div>
</div>
</div>
</div>
<!-- Feature End 1-->

<!-- JavaScript Libraries -->
<script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle.min.js"></sc
ript>
<script src="lib/wow/wow.min.js"></script>
<script src="lib/easing/easing.min.js"></script>
<script src="lib/waypoints/waypoints.min.js"></script>
<script src="lib/counterup/counterup.min.js"></script>
<script src="lib/owlcarousel/owl.carousel.min.js"></script>
<script src="lib/isotope/isotope.pkgd.min.js"></script>
<script src="lib/lightbox/js/lightbox.min.js"></script>

<!-- Template Javascript -->
<script src="js/main.js"></script>
</body>
</html>

```

Form 8:

Budget :

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<title>Solar</title>
```

```
<meta content="width=device-width, initial-scale=1.0" name="viewport">
```

```
<meta content="" name="keywords">
```

```
<meta content="" name="description">
```

```
<!-- Favicon -->
```

```
<link href="img/favicon.ico" rel="icon">
```

```
<!-- Google Web Fonts -->
```

```
<link rel="preconnect" href="https://fonts.googleapis.com">
```

```
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
```

```
<link
```

```
href="https://fonts.googleapis.com/css2?family=Open+Sans:wght@400;500&family=Roboto:wght@500;700;900&display=swap" rel="stylesheet">
```

```
<!-- Icon Font Stylesheet -->
```

```
<link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.10.0/css/all.min.css" rel="stylesheet">
```

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.4.1/font/bootstrap-icons.css" rel="stylesheet">
```

```
<!-- Libraries Stylesheet -->
```

```
<link href="lib/animate/animate.min.css" rel="stylesheet">
```

```
<link href="lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">
```

```
<link href="lib/lightbox/css/lightbox.min.css" rel="stylesheet">
```

```

<!-- Customized Bootstrap Stylesheet -->
<link href="css/bootstrap.min.css" rel="stylesheet">

<!-- Template Stylesheet -->
<link href="css/style.css" rel="stylesheet">
</head>

<body>
  <!-- Spinner Start -->
  <div id="spinner" class="show bg-white position-fixed translate-middle w-100
vh-100 top-50 start-50 d-flex align-items-center justify-content-center">
    <div class="spinner-border text-primary" style="width: 3rem; height: 3rem;"
role="status">
      <span class="sr-only">Loading...</span>
    </div>
  </div>
  <!-- Spinner End -->

  <!-- Topbar Start -->
  <div class="container-fluid bg-dark p-0">
    <div class="row gx-0 d-none d-lg-flex">
      <div class="col-lg-7 px-5 text-start">
        <div class="h-100 d-inline-flex align-items-center me-4">
          <small class="fa fa-map-marker-alt text-primary me-2"></small>
          <small> GS COLLEGE, Amravati road, Civil lines, Nagpur </small>
        </div>
        <div class="h-100 d-inline-flex align-items-center">
          <small class="far fa-clock text-primary me-2"></small>
          <small>Mon - Fri : 09.00 AM - 09.00 PM</small>
        </div>
      </div>
      <div class="col-lg-5 px-5 text-end">
        <div class="h-100 d-inline-flex align-items-center me-4">

```

```
<small class="fa fa-phone-alt text-primary me-2"></small>
<small>8623080249, 9130658447</small>
</div>
<div class="h-100 d-inline-flex align-items-center mx-n2">
  <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.facebook.com"><i class="fab fa-facebook-
f"></i></a>
  <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.twitter.com"><i class="fab fa-twitter"></i></a>
  <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.linkedin.com"><i class="fab fa-linkedin-
in"></i></a>
  <a class="btn btn-square btn-link rounded-0"
href="https://www.instagram.com"><i class="fab fa-instagram"></i></a>
</div>
</div>
</div>
</div>
<!-- Topbar End -->

<!-- Navbar Start -->
<nav <nav class="navbar navbar-expand-lg bg-white navbar-light sticky-top p-
0">
  <a href="index.html" class="navbar-brand d-flex align-items-center border-end
px-4 px-lg-5">
    <h2 class="m-0 text-primary">Solartec</h2>
  </a>
  <button type="button" class="navbar-toggler me-4" data-bs-toggle="collapse"
data-bs-target="#navbarCollapse">
    <span class="navbar-toggler-icon"></span>
  </button>
  <div class="collapse navbar-collapse" id="navbarCollapse">
    <div class="navbar-nav ms-auto p-4 p-lg-0">
```

```
<a href="index.html" class="nav-item nav-link">Home</a>
<a href="history.html" class="nav-item nav-link">History</a>
<a href="uses.html" class="nav-item nav-link">Uses</a>
<a href="tax.html" class="nav-item nav-link">Tax</a>
<a href="government-scheme.html" class="nav-item nav-link">GOV
```

```
Scheme</a>
```

```
<div class="nav-item dropdown">
  <a href="#" class="nav-link active dropdown-toggle" data-bs-
toggle="dropdown">Source</a>
  <div class="dropdown-menu bg-light m-0">
    <a href="alliances.html" class="dropdown-item">Alliance</a>
    <a href="bidiversity.html" class="dropdown-item">Biodiversity</a>
    <a href="budget.html" class="dropdown-item active">Budget</a>
    <a href="company-list.html" class="dropdown-item">Top 10
```

```
Companies</a>
```

```
</div>
</div>
<a href="" class="nav-item nav-link"></a>
</div>
<a href="download/future solar.pdf" class="btn btn-primary rounded-0 py-4
px-lg-5 d-none d-lg-block">Get A Quote<i class="fa fa-arrow-right ms-3"></i></a>
</div>
</nav>
<!-- Navbar End -->
```

```
<!-- Page Header Start -->
<div class="container-fluid page-header-7 py-5 mb-5">
  <div class="container py-5">
    <h1 class="display-3 text-white mb-3 animated slideInDown">Budget</h1>
    <nav aria-label="breadcrumb animated slideInDown">
      <ol class="breadcrumb">
        <li class="breadcrumb-item"><a class="text-white"
href="index.html">Home</a></li>
```



```
<li class="breadcrumb-item"><a class="text-white"
href="budget.html">Budget</a></li>
<li class="breadcrumb-item"><a class="text-white"
href="alliances.html">Alliance</a></li>
</ol>
</nav>
</div>
</div>
<!-- Page Header End -->
```

```
<!-- Feature Start 1-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
  <div class="container feature px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
        <div class="p-lg-5 ps-lg-0">
          <h6 class="text-primary">Your Budget</h6>
          <h1 class="mb-4">Why Solar Panels are the Best Bet</h1>
          <p class="mb-4 pb-2">If you're a homeowner, one of the easiest
things you can do to save money each month is also one of the best things you can do
for the environment. Making the switch to home solar means saving money and saving
the planet, and once you've made the transition, your investment pays off for years to
come.</p>
          <p class="mb-4 pb-2">There are many ways to create, track and stick
to a financial savings budget and save money over time. Cooking meals at home rather
than dining at restaurants is a common way to save money. Perhaps you've managed
spending by limiting your time at stores or shopping online. Many people sign up for
rewards programmes or try to buy goods that are used instead of brand new.</p>
          <p class="mb-4 pb-2">Now imagine saving thousands of dollars each
year by making one small change. If you're a homeowner, one of the easiest things you
can do to save money each month is also one of the best things you can do for the
environment. Making the switch to home solar means saving money and saving the
```

planet, and once you've made the transition, your investment pays off for years to come.</p>

```
<div class="row g-4">
  </div>
</div>
<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
  <div class="position-relative h-100">
    
  </div>
</div>
</div>
</div>
</div>
</div>
<!-- Feature End 1-->

<!-- Feature Start 2-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
  <div class="container feature px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
        <div class="p-lg-5 ps-lg-0">
          <h6 class="text-primary">Continue...</h6>
          <h1 class="mb-4"></h1>
          <p class="mb-4 pb-2"><h3>Start Saving Money with Solar
Sooner</h3>According to the time value of money concept, a dollar today is worth
more than a dollar tomorrow. If we apply that to solar, that would mean going solar
today may be more valuable than going solar a year from now, even if solar panel
prices go down.</p>
          <p class="mb-4 pb-2">Here's why that's the case.</p>
          <p class="mb-4 pb-2">As soon as your solar system is turned on, you
```

start generating electricity from the sun, which can lower your electricity bill. And while there are a number of factors that can influence your savings, such as location, shade, system size, utility rates, weather and local policies, the overarching principle is the same: The more solar energy your home produces, the less electricity you have to buy from the utility company. So by installing your solar system today, you're saving money now. Those are savings you wouldn't see if you were still waiting.</p>

<p class="mb-4 pb-2">Purchasing a solar system outright is the best way to achieve higher long-term savings. And depending on your system size, energy usage and local utility rates, a solar system may pay for itself in five to 10 years. After breaking even through bill savings, you will enjoy free renewable electricity for the lifetime of your system. And if that system is powered by SunPower panels, it is projected to continue saving you money for up to 35 years.</p>

<div class="row g-4">

</div>

</div>

</div>

<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s" style="min-height: 400px;">

<div class="position-relative h-100">

</div>

</div>

</div>

</div>

</div>

<!-- Feature End 2-->

<!-- Feature Start 3-->

<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">

<div class="container feature px-lg-0">

<div class="row g-0 mx-lg-0">

<div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-delay="0.1s">

```
<div class="p-lg-5 ps-lg-0">
```

```
<h6 class="text-primary">Protect Yourself from Electric Rate Hikes  
with Solar</h6>
```

```
<h1 class="mb-4">Increase Your Home Value</h1>
```

```
<p class="mb-4 pb-2"><h3>Take Advantage of Lower Prices on  
Solar Panels</h3>It's 100 times cheaper to install solar panels today than it was in the  
mid-1970s, and according to GTM Research, utility-scale solar has seen the sharpest  
declines recently with a 17 percent drop, while residential solar prices have fallen by  
8.6 percent.</p>
```

```
<p class="mb-4 pb-2">You may be asking yourself, "If solar prices  
keep falling, shouldn't I wait for even lower prices?" You could, but consider this.</p>
```

```
<p class="mb-4 pb-2">If a solar system in your area cost $17,000  
today you could save $1,462 by putting off solar for another year, assuming current  
cost declines continue. However, you will delay the immediate solar energy benefits,  
known as "opportunity cost." Let's say you have a $200 per month energy bill — that's  
$2,400 a year in expenses that solar could eliminate (depending on system size and  
available roof space). Paying $2,400 for electricity this year to save $1,462 next year  
puts the cost of waiting at almost $1,000. And when you factor in the time value of  
money concept, along with a potential utility rate hike, waiting makes even less  
sense.</p>
```

```
<div class="row g-4">
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"  
style="min-height: 400px;">
```

```
<div class="position-relative h-100"><br>
```

```

```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```

<!-- Feature End 3-->
<!-- Feature Start 4-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
  <div class="container feature px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
        <div class="p-lg-5 ps-lg-0">
          <h6 class="text-primary">Continue...</h6>
          <h1 class="mb-4"></h1>
          <p class="mb-4 pb-2"><h3>Saving Money & Saving the
Environment</h3>The financial savings are clear. Not only will solar decrease your
monthly electric bill, it will increase your home value and let you start saving money
from day one. Your financial budget suddenly seems brighter when you begin to see
your savings from your electric bill each month.</p>
          <p class="mb-4 pb-2">Financial benefits aside, you can rest assured
knowing you've done an incredible thing for the environment. You've taken advantage
of the capability to generate clean, renewable energy, straight from the sun.</p>
          <p class="mb-4 pb-2">According to the EPA website, an 8.6kW
home solar system avoids the equivalent of an estimated 9,606 pounds of carbon
dioxide being released into the air each year, doing the work of approximately 50
mature trees. If your entire neighbourhood went solar, it would be like growing a
forest.</p>
          <p class="mb-4 pb-2">Install solar now and know that you can feel
good about doing your part to help change the way our world is powered.</p>
        <div class="row g-4">
          </div>
        </div>
      </div>
    <div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
      <div class="position-relative h-100"><br><br><br><br><br>
      
    </div>
  </div>
</div>

```

```
        </div>
    </div>
</div>
</div>
<!-- Feature End 4-->

<!-- JavaScript Libraries -->
<script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle.min.js"></sc
ript>
<script src="lib/wow/wow.min.js"></script>
<script src="lib/easing/easing.min.js"></script>
<script src="lib/waypoints/waypoints.min.js"></script>
<script src="lib/counterup/counterup.min.js"></script>
<script src="lib/owlcarousel/owl.carousel.min.js"></script>
<script src="lib/isotope/isotope.pkgd.min.js"></script>
<script src="lib/lightbox/js/lightbox.min.js"></script>

<!-- Template Javascript -->
<script src="js/main.js"></script>
</body>

</html>
```

Form 9

Top 10 Companies :

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<title>Solar</title>
```

```
<meta content="width=device-width, initial-scale=1.0" name="viewport">
```

```
<meta content="" name="keywords">
```

```
<meta content="" name="description">
```

```
<!-- Favicon -->
```

```
<link href="img/favicon.ico" rel="icon">
```

```
<!-- Google Web Fonts -->
```

```
<link rel="preconnect" href="https://fonts.googleapis.com">
```

```
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
```

```
<link
```

```
href="https://fonts.googleapis.com/css2?family=Open+Sans:wght@400;500&family=Roboto:wght@500;700;900&display=swap" rel="stylesheet">
```

```
<!-- Icon Font Stylesheet -->
```

```
<link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.10.0/css/all.min.css" rel="stylesheet">
```

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.4.1/font/bootstrap-icons.css" rel="stylesheet">
```

```
<!-- Libraries Stylesheet -->
```

```
<link href="lib/animate/animate.min.css" rel="stylesheet">
```

```
<link href="lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">
```

```
<link href="lib/lightbox/css/lightbox.min.css" rel="stylesheet">
```

```

<!-- Customized Bootstrap Stylesheet -->
<link href="css/bootstrap.min.css" rel="stylesheet">

<!-- Template Stylesheet -->
<link href="css/style.css" rel="stylesheet">
</head>

<body>
  <!-- Spinner Start -->
  <div id="spinner" class="show bg-white position-fixed translate-middle w-100
vh-100 top-50 start-50 d-flex align-items-center justify-content-center">
    <div class="spinner-border text-primary" style="width: 3rem; height: 3rem;"
role="status">
      <span class="sr-only">Loading...</span>
    </div>
  </div>
  <!-- Spinner End -->

  <!-- Topbar Start -->
  <div class="container-fluid bg-dark p-0">
    <div class="row gx-0 d-none d-lg-flex">
      <div class="col-lg-7 px-5 text-start">
        <div class="h-100 d-inline-flex align-items-center me-4">
          <small class="fa fa-map-marker-alt text-primary me-2"></small>
          <small> GS COLLEGE, Amravati road, Civil lines, Nagpur </small>
        </div>
        <div class="h-100 d-inline-flex align-items-center">
          <small class="far fa-clock text-primary me-2"></small>
          <small>Mon - Fri : 09.00 AM - 09.00 PM</small>
        </div>
      </div>
      <div class="col-lg-5 px-5 text-end">
        <div class="h-100 d-inline-flex align-items-center me-4">

```



```
<small class="fa fa-phone-alt text-primary me-2"></small>
<small>8623080249, 9130658447</small>
</div>
<div class="h-100 d-inline-flex align-items-center mx-n2">
  <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.facebook.com"><i class="fab fa-facebook-
f"></i></a>
  <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.twitter.com"><i class="fab fa-twitter"></i></a>
  <a class="btn btn-square btn-link rounded-0 border-0 border-end
border-secondary" href="https://www.linkedin.com"><i class="fab fa-linkedin-
in"></i></a>
  <a class="btn btn-square btn-link rounded-0"
href="https://www.instagram.com"><i class="fab fa-instagram"></i></a>
</div>
</div>
</div>
</div>
<!-- Topbar End -->

<!-- Navbar Start -->
<nav <nav class="navbar navbar-expand-lg bg-white navbar-light sticky-top p-
0">
  <a href="index.html" class="navbar-brand d-flex align-items-center border-end
px-4 px-lg-5">
    <h2 class="m-0 text-primary">Solartec</h2>
  </a>
  <button type="button" class="navbar-toggler me-4" data-bs-toggle="collapse"
data-bs-target="#navbarCollapse">
    <span class="navbar-toggler-icon"></span>
  </button>
  <div class="collapse navbar-collapse" id="navbarCollapse">
    <div class="navbar-nav ms-auto p-4 p-lg-0">
```

```
<a href="index.html" class="nav-item nav-link">Home</a>
<a href="history.html" class="nav-item nav-link">History</a>
<a href="uses.html" class="nav-item nav-link">Uses</a>
<a href="tax.html" class="nav-item nav-link">Tax</a>
<a href="government-scheme.html" class="nav-item nav-link">GOV
```

```
Scheme</a>
```

```
<div class="nav-item dropdown">
```

```
<a href="#" class="nav-link active dropdown-toggle" data-bs-
toggle="dropdown">Source</a>
```

```
<div class="dropdown-menu bg-light m-0">
```

```
<a href="alliances.html" class="dropdown-item">Alliance</a>
```

```
<a href="bidiversity.html" class="dropdown-item">Biodiversity</a>
```

```
<a href="budget.html" class="dropdown-item">Budget</a>
```

```
<a href="company-list.html" class="dropdown-item active">Top 10
```

```
Companies</a>
```

```
</div>
```

```
</div>
```

```
<a href="" class="nav-item nav-link"></a>
```

```
</div>
```

```
<a href="download/future solar.pdf" class="btn btn-primary rounded-0 py-4
px-lg-5 d-none d-lg-block">Get A Quote<i class="fa fa-arrow-right ms-3"></i></a>
```

```
</div>
```

```
</nav>
```

```
<!-- Navbar End -->
```

```
<!-- Page Header Start -->
```

```
<div class="container-fluid page-header-8 py-5 mb-5">
```

```
<div class="container py-5">
```

```
<h1 class="display-3 text-white mb-3 animated slideInDown">Top 10
```

```
Companies</h1>
```

```
<nav aria-label="breadcrumb animated slideInDown">
```

```
<ol class="breadcrumb">
```

```
<li class="breadcrumb-item"><a class="text-white"
```

```
href="index.html">Home</a></li>
```

```
<li class="breadcrumb-item"><a class="text-white"
```

```
href="budget.html">Budget</a></li>
```

```
<li class="breadcrumb-item"><a class="text-white"
```

```
href="alliances.html">Alliance</a></li>
```

```
</ol>
```

```
</nav>
```

```
</div>
```

```
</div>
```

```
<!-- Page Header End -->
```

```
<!-- Feature Start 1-->
```

```
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
```

```
<div class="container feature px-lg-0">
```

```
<div class="row g-0 mx-lg-0">
```

```
<div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-  
delay="0.1s">
```

```
<div class="p-lg-5 ps-lg-0">
```

```
<h6 class="text-primary">Solar Companies </h6>
```

```
<h1 class="mb-4">The list of top Solar Companies [Manufacturers]  
in India:</h1>
```

```
<p class="mb-4 pb-2"><h3>1. Waaree Energies Ltd</h3>Waaree  
Energies Ltd., founded in 1989, is a Mumbai based company having a significant  
presence of over 360+ locations in India and 68 foreign countries. With our  
magnificent 2 GW module manufacturing unit at Surat, we are one of the leading Solar  
Panel Manufacturer in India</p>
```

```
<p class="mb-4 pb-2">Having a NABL Lab Facility, we are India's  
first company to have an in-house facility. They offer EPC services, project  
development, solar water pumps, solar rooftop solutions, independent powerhouses and  
much more. With over 32 years of experience & its presence being pan-India as well as  
in 68 countries globally, Waaree Energies Ltd. is one of the top solar panel  
manufacturers to rely on.</p>
```

```
<p class="mb-4 pb-2"><h3>2. Tata Power Solar Systems</h3>This
```

solar power company remains an eminent leader in manufacturing one of the Best Solar Panels in India The company boasts a stronghold on residential rooftop solar units and has shipped about 1.4 GW of solar modules worldwide over the past 20 years.</p>

```
<div class="row g-4">
  </div>
</div>
</div>
<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
  <div class="position-relative h-
100"><br><br><br><br><br><br><br><br><br><br><br>
    
  </div>
</div>
</div>
</div>
</div>
</div>
<!-- Feature End 1-->
```

```
<!-- Feature Start 2-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
  <div class="container feature px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
        <div class="p-lg-5 ps-lg-0">
          <h6 class="text-primary">Continue...</h6>
          <h1 class="mb-4"></h1>
          <p class="mb-4 pb-2"><h3>3. Vikram Solar</h3>Serving over six
continents, Vikram Solar is one the largest solar energy companies providing mono and
bifacial solar panel modules. They have installed & commissioned over 1355 MW of
solar projects across India. They have over 1 GW solar panel manufacturing capacity
```

and a 10 kW floating solar plant in Kolkata.</p>

<p class="mb-4 pb-2"><h3>4. Adani Solar</h3>A subsidiary of Adani Enterprises Ltd., Adani Solar belongs to the 15 largest utility solar power developers worldwide. They manufacture solar cells and modules with 1.5 GW+ of cell and module capacity at Mundra, Gujarat. Adani solar is one of the largest solar panels installers in India.</p>

<p class="mb-4 pb-2"><h3>5. Microtek Solar Solutions</h3>They provide a wide range of solar products for retail and commercial users. Microtek Solar products are manufactured with the most recent solar technologies to deliver best results. Their products are Photo Voltaic Modules, Power Conditioning Units, Solar Management Units and Solar combo packages.

Have you read: 1 KW Solar Panel Price in India [2023]

</p>

<p class="mb-4 pb-2"><h3>6. Loom Solar Pvt. Ltd.</h3>Loom Solar Pvt. Ltd. is a mono perc solar panels and lithium battery manufacturer based out of Faridabad, Haryana having a manufacturing capacity of 100 MW. The company which started in 2018 has become one of the fastest-growing solar panel manufacturers in India because of wide range of solar panels from 10 watts to 450 watts super high efficiency panels.</p>

<div class="row g-4">

</div>

</div>

</div>

<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s" style="min-height: 400px;">

<div class="position-relative h-100">

</div>

</div>

</div>

</div>

</div>

<!-- Feature End 2-->

```

<!-- Feature Start 3-->
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  <div class="container feature px-lg-0">
    <div class="row g-0 mx-lg-0">
      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
        <div class="p-lg-5 ps-lg-0">
          <h6 class="text-primary">Continue...</h6>
          <h1 class="mb-4"></h1>
          <p class="mb-4 pb-2"><h3>7. Moser Baer Solar Ltd</h3>This
Delhi-based energy-focused organization provides solar-powered PV and EPC
solutions. Their robust R&D department enables them to manufacture one of the best
solar panels in India with two times magnified standard warranty.</p>
          <p class="mb-4 pb-2"><h3>8. EMMVEE</h3>Started in 1992, the
company has grown up to be the largest manufacturers of solar water heating systems
across Asia. They have also installed and commissioned solar PV projects 14 MW in
North of Germany, and 13 MW rooftop and 140 + MW in India.</p>
          <p class="mb-4 pb-2"><h3>9. RenewSys Solar</h3>They are an
integrated manufacturer of solar modules and key components like solar PV cells,
black sheets, and encapsulants. They have two manufacturing units in India, supplying
over 40 nations worldwide.</p>
          <p class="mb-4 pb-2"><h3>10.Icomm Tele Ltd</h3>Founded in
1989, the company has emerged as a prime business in terms of profits and new
utilization methods. Their business is spread across neighboring countries, the Middle
East, and Africa.</p>
        <div class="row g-4">
          </div>
        </div>
      </div>
      <div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
        <div class="position-relative h-
100"><br><br><br><br><br><br><br><br><br>
          
    </div>
  </div>
</div>
</div>
</div>
<!-- Feature End 3-->
```

```
<!-- Feature Start 4-->
<div class="container-fluid bg-light overflow-hidden my-5 px-lg-0">
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      <div class="col-lg-6 feature-text py-5 wow fadeIn" data-wow-
delay="0.1s">
        <div class="p-lg-5 ps-lg-0">
          <h6 class="text-primary">Continue...</h6>
          <h1 class="mb-4"></h1>
          <p class="mb-4 pb-2">These all fulfilling solar companies not only
focus on the aim set by government but also pay attention to our environment and its
condition. They understand their responsibility of keeping the environment clean and
green very well.</p>
          <p class="mb-4 pb-2">As the government focuses on renewable
energy sources, these solar energy companies understand and help fulfil the void. As
more and more people come forward towards solar energy, India might soon be
declared a solar-powered nation.</p>
          <p class="mb-4 pb-2">For India to be a solar powered nation, it is
important for you all to join us in our mission by choosing to go solar and create your
own electricity. And from the list of top solar companies it must be clear that you can
trust Waaree Energies Ltd. for your Solar Systems; be it Batteries, Solar inverters, PV
modules, Power bank, etc. It is time we all also understand our responsibility to protect
the environment as well as electricity for our future generations. And to be able to do
that it is important to shift to solar energy power generation and evolve ourselves
accordingly, since thermal resources for power generation aren't renewable and are
```

expected to be extinct by 2050. So let us make sure that even after the extinction of thermal power generation resources; our future generation can have electricity through Solar Energy. Shift to Solar with Waaree Energies and be ensured to get ROI in next few years, low maintenance yet best solar products and best EPC services as well.</p>

```
<div class="row g-4">
  </div>
</div>
</div>
<div class="col-lg-6 pe-lg-0 wow fadeIn" data-wow-delay="0.5s"
style="min-height: 400px;">
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100"><br><br><br><br><br><br><br>
    
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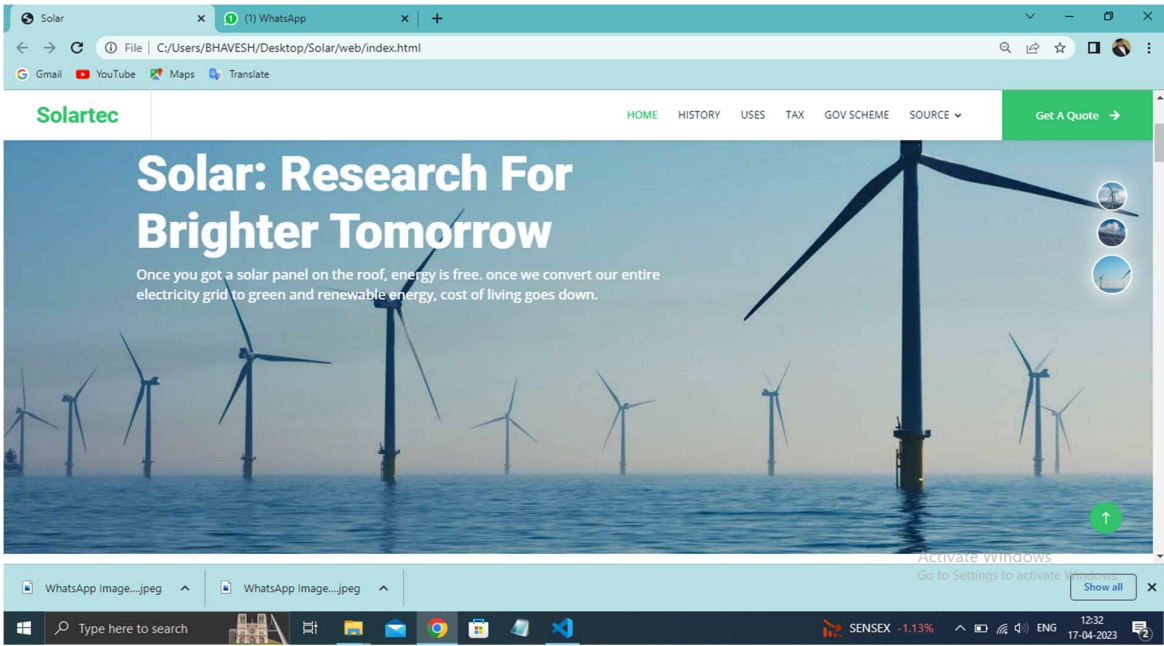
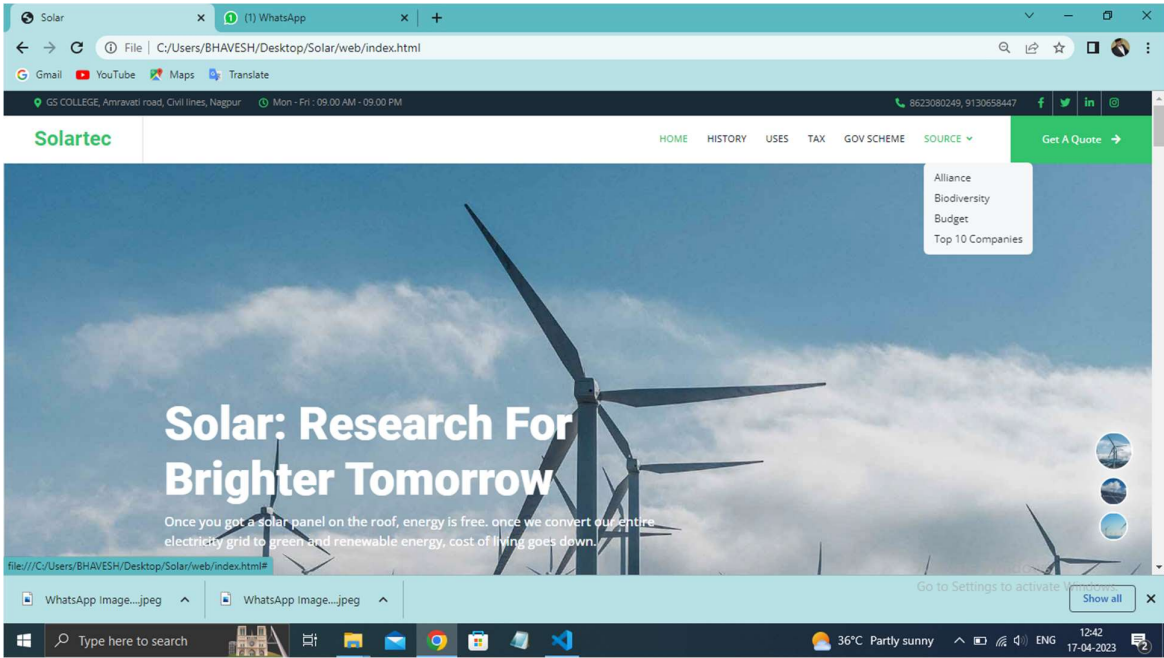
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<script src="lib/waypoints/waypoints.min.js"></script>
<script src="lib/counterup/counterup.min.js"></script>
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<script src="lib/isotope/isotope.pkgd.min.js"></script>
<script src="lib/lightbox/js/lightbox.min.js"></script>
```



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<!-- Template Javascript -->  
<script src="js/main.js"></script>  
</body>
```

```
</html>
```

INPUT AND OUTPUT SCREEN : HOME PAGE:




Solar (1) WhatsApp

File | C:/Users/BHAVESH/Desktop/Solar/web/index.html

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About Us

Providing Profitability

By providing reliable, affordable and efficient solar energy, 1 source Solar is powering profitability for businesses throughout Iowa.

- Money Saving
- Environment Saving
- Saving Natural resources For Tomorrow

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Go to Settings to activate Windows

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SENSEX -1.13%


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17-04-2023

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Largest Solar Park in the World

Bhadla Solar Park

Badhla Solar Park is the world's largest solar park with the total area of 14000 acres located in Bhadra, Firodi Tesir, Jodhpur district, Rajasthan, India.

- project cost - 10,000 crore (US\$ 1.3 billion)
- Total capacity - 2245 MW
- Total site area - 5700 hectares (14,000 acres)



Telangana Plant

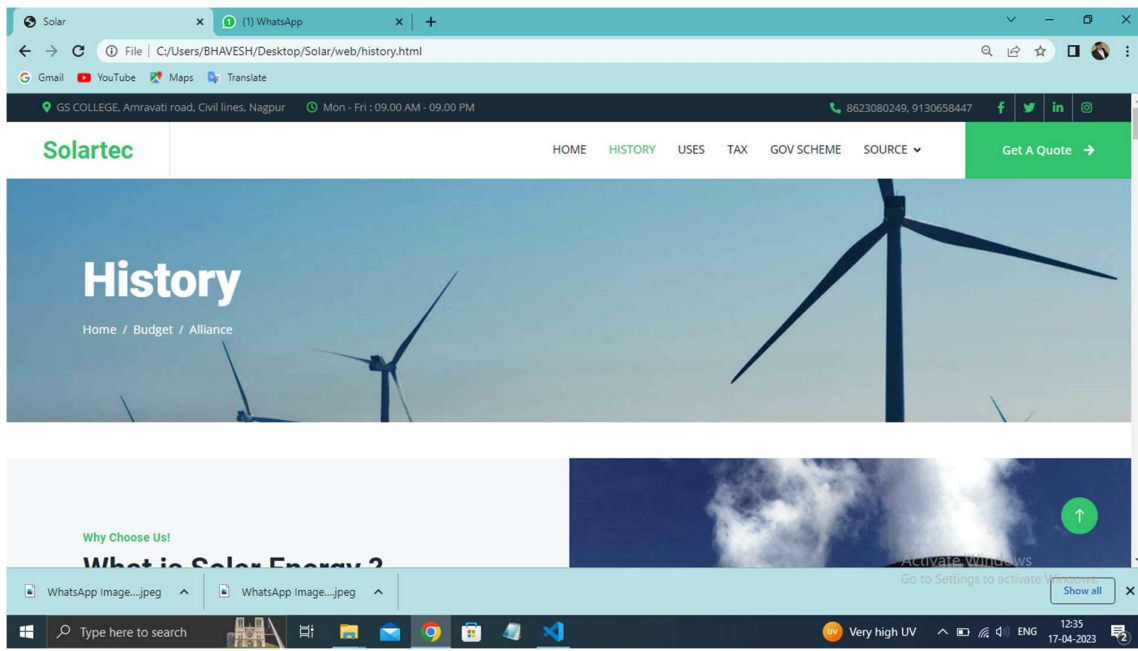
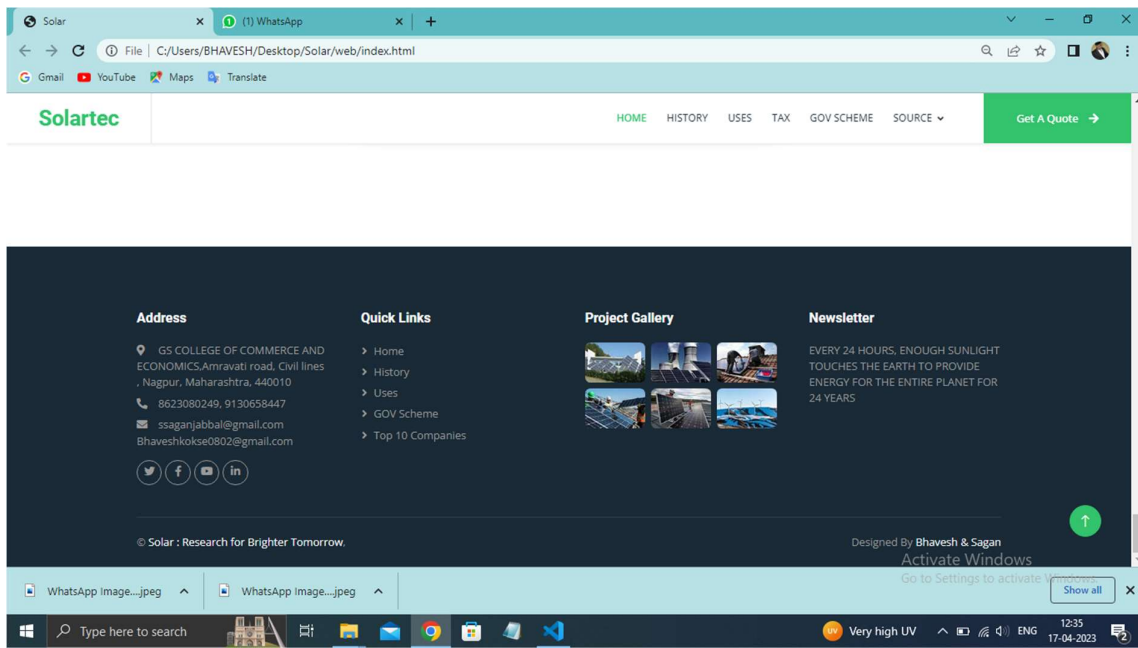
Activate Windows
Go to Settings to activate Windows

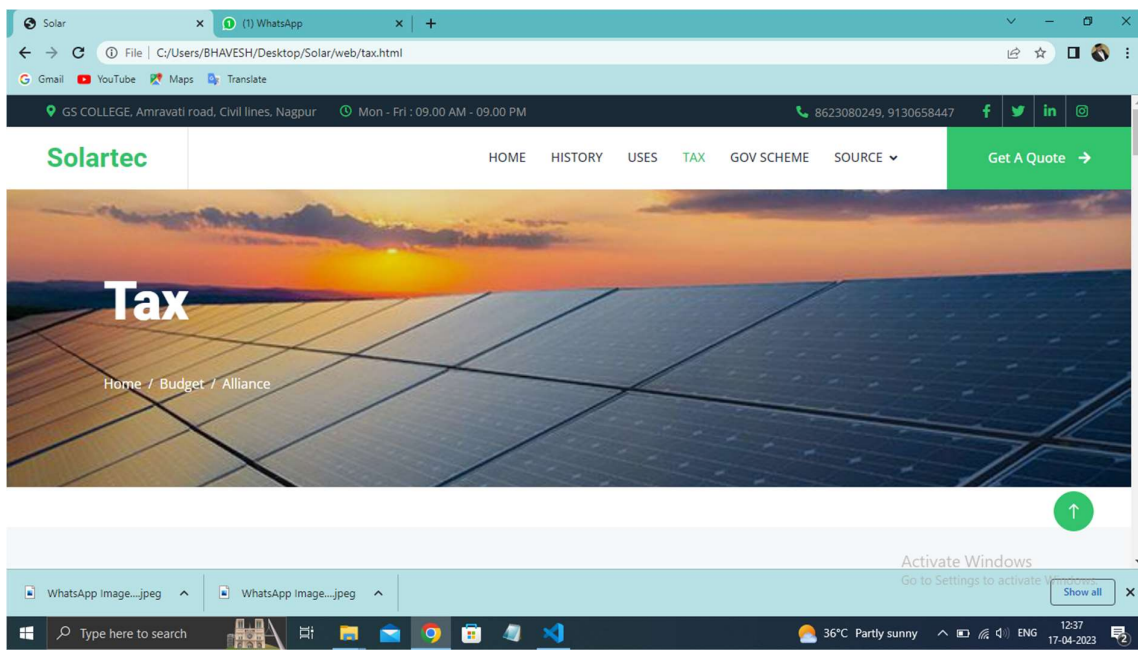
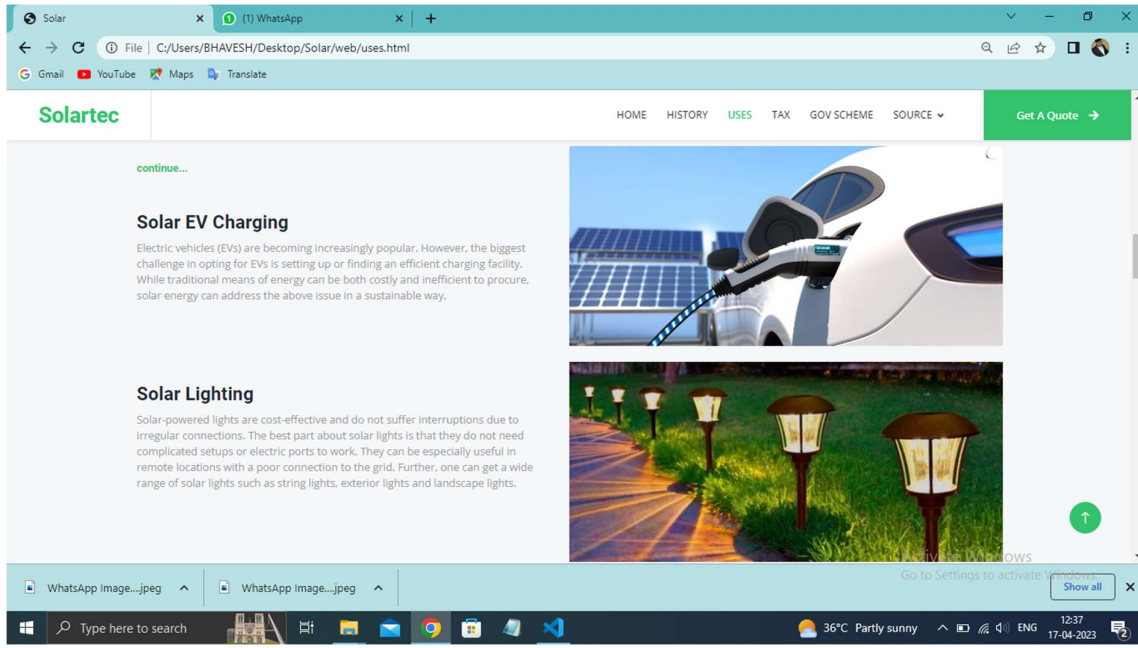
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12:34
17-04-2023





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Tax reductions and generous incentives for homeowners are widely available

Incentives on residential solar energy are what makes the whole difference, and they are the main reason why solar energy has become so accessible to many. Yes, switching to solar energy is a major decision when it comes to finance, but right now you have the great advantage of reducing the final price of solar equipment by at least 30 percent thanks to numerous incentive programs offered by the federal and/or state governments.

Currently, you can take advantage of tax benefits, solar rebate programs or performance-based incentives for your solar system. However, as the solar popularity grows among homeowners, many

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Government Scheme

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GOVERNMENT SCHEME

Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyaan (PM KUSUM)

The scheme aims to add solar and other renewable capacity of 30,800 MW by 2022 with total central financial support of Rs. 34,422 Crore including service charges to the implementing agencies.

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File | C:/Users/BHAVESH/Desktop/Solar/web/alliances.html

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GS COLLEGE, Amravati road, Civil lines, Nagpur Mon - Fri : 09.00 AM - 09.00 PM 8623080249, 9130658447

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Alliances

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INTERNATIONAL SOLAR ALLIANCE

About ISA

The International Solar Alliance (ISA) is an action-oriented, member-driven,



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November 2019 at New Delhi, India.
If you want to know more, please write to us at : assembly@solaralliance.org

Third Assembly

The third Assembly of the ISA was held on 14 - 16 October 2020
If you want to know more, please write to us at : assembly@solaralliance.org

Fourth Assembly

The Fourth Session of the ISA Assembly is scheduled to be held on October 20th, 2021, in virtual mode from 14:30 HRS(IST)/0900 HRS(GMT). The ISA Secretariat has planned a series of technical sessions on various strategic initiatives of the ISA on October 18th, 2021, and technical sessions on various emergent issues in the solar and clean energy sector in partnership with our partner and other organizations on October 21st, 2021. The technical sessions would feature in-depth expert deliberations on various thematic issues to help the ISA Secretariat refine its programmatic focus moving forward.

The ISA Secretariat requests prospective delegates from ISA Member Countries, Signatory Countries, Prospective Member Countries, Corporate Partner Organisations, Partner Organisations, and Special Invitee Organisations to kindly register under the relevant category for the Fourth Assembly of the ISA at <https://isaevent.org/>. The ISA Secretariat also requests the prospective delegates to indicate their preference for attending any or all of the side-events at the

INTERNATIONAL SOLAR ALLIANCE

17 - 20 OCTOBER 2022 | NEW DELHI, INDIA

8 Vice Presidents representing 4 regions

Asia & Pacific Region		Africa Region	
President India	Co-President France	Fiji	Nauru
		Mauritius	Niger
		Latin America & the Caribbean Region	
		Europe & Other Regions	

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Bhavesh Rajendra Kokse
Designation

Sagan Kaur Jabbal
Designation

Pravin Yadao
Designation

Testimonial

What Our Clients Say!

Thank you for providing the info on solar ppower which we found very useful to get our head around our particular needs.Thanks to your excellence website and all the help it offer.

Gayatri Mongarkar
Profession

Special thanks to this website for providing the info on solar ppower which we found very useful to get our head around our particular needs.Thanks to your excellence website and all the help it offer.

Special thanks to this website for providing the info on solar ppower which we found very useful to get our head around our particular needs.Thanks to your excellence website and all the help it offer.

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TESTING AND VALIDATION

Testing & Validation Checks

Validation Testing, carried out by QA professionals, is to determine if the system complies with the requirements and performs functions for which it is intended and meets the organization's goals and user needs. This kind of testing is very important, as well as verification testing. Validation is done at the end of the development process and takes place after verification is completed.

Thus, to ensure customer satisfaction, developers apply validation testing. Its goal is to validate and be confident about the product or system and that it fulfils the requirements given by the customer. The acceptance of the software from the end customer is also its part.

When software is tested, the motive is to check the quality regarding the found defects and bugs. When defects and bugs are detected, developers fix them. After that, the software is checked again to make sure no bugs are left. In that way, the software product's quality scales up.

The aim of software testing is to measure the quality of software in terms of a number of defects found in it, the number of tests run and the system covered by the tests. When bugs or defects are found with the help of testing, the bugs are logged and the development team fixes them. Once the bugs are fixed, testing is carried out again to ensure that they are indeed fixed and no new defects have been introduced in the software. With the entire cycle, the quality of the software increases.

Testing Procedure:

Testing phase was included on our project in order to get an idea when the errors located into our project. Testing is vital to the success of the system. System testing makes a logical assumption that if all the parts of the system are correct, the goal will be successfully achieved. Inadequate testing or non-testing leads to many errors that may not appear until months later.

This creates two problems:

- 1) The time lag between the causes and the appearance of the problem (the longer the time interval, the more complicated the problem has become), and
- 2) The effect of the system errors on the files and records within the system. A small system error can conceivably explode into a much larger problem.

Input validation:

Input validation, also known as data validation, is the proper testing of any input supplied by a user or application. Input validation prevents improperly formed data from entering an information system. Because it is difficult to detect a malicious user who is trying to attack software, applications should check and validate all input entered into a system.

Input validation should occur when data is received from an external party, especially if the data is from untrusted sources. Incorrect input validation can lead to injection attacks, memory leakage, and compromised systems.

While input validation can be either white listed or blacklisted, it is preferable to white list data. White listing only passes expected data. In contrast, blacklisting relies on programmers predicting all unexpected data. As a result, programs make mistakes more easily with blacklisting.

SYSTEM SECURITY MEASURES

System Security Measures

We respect the privacy of individual and will never do anything which will violate the personal space of our user. In this project, as of now there is need to provide user personal information. Therefore, there is a proper management of such privacy or security concern related to the personal information of our Users.

Also, we will never disclose the personal information of user such as Phone No., E-mail address, Location, etc. The user can trust on us and freely surf through our website. We do not and will never post their projects without their consent.

A system is said to be secure if its resources are used and accessed as intended under all the circumstances, but no system can guarantee absolute security from several of the various threats and unauthorized access.

Security measures will be taken:

- **Strong passwords:**

This first measure is taken that users may use special characters in their passwords and password length must be 8 characters.

- **Confidentiality**

If any user is sharing their personal details in login form it will be secure safely as only users can access such information.

IMPLEMENTATION, EVALUATION AND MAINTENANCE

Implementation:

The implementation process is easy to carry out if the employees accept the changes in the organization. The process starts with planning for implementation where relationships among various tasks have to be identified and established, schedules for completing all the tasks should be prepared, cost estimates for various tasks have to be drawn up, and a reporting and control system has to be established.

Once the planning is done, the implementation process can be executed smoothly. The steps in the process include: organizing for implementation, developing procedures for implementation, training the users, acquiring hardware and software, developing forms for data collection, developing files for storage of data, testing the system, cutover, and documenting the system.

Implementation is a process of ensuring that the information system is operational. It involves –

- Constructing a new system from scratch
- Constructing a new system from the existing one.

Implementation allows the users to take over its operation for use and evaluation. It involves training the users to handle the system and plan for a smooth conversion

Post-Implementation Evaluation Review (PIER):

PIER is a tool or standard approach for evaluating the outcome of the project and determines whether the project is producing the expected benefits to the processes, products or services. It enables the user to verify that the project or system has achieved its desired outcome within specified time period and planned cost.

PIER ensures that the project has met its goals by evaluating the development and management processes of the project.

Evaluation:

After the MIS has been operating smoothly for a short period of time, an evaluation of

each step in the design and of the final system performance should be made. Evaluation should not be delayed beyond the time when the system's analysts have completed most of the debugging. The longer the delay, the more difficult it will be for designer to remember important details.

The implementation process should be followed by evaluation of the implementation. The MIS can be evaluated for the efficiency with which the allocated resources are utilized in the development/implementation and the effectiveness of its usage after the implementation. Typically, there are challenges galore in implementing the MIS.

The top management's commitment toward the MIS implementation is the strongest defense that can be built up against all these challenges. The top management's support helps the organization to win over the different challenges and problems that can surface during the implementation.

Maintenance:

Maintenance means restoring something to its original conditions. Enhancement means adding, modifying the code to support the changes in the user specification. System maintenance conforms the system to its original requirements and enhancement adds to system capability by incorporating new requirements.

Thus, maintenance changes the existing system, enhancement adds features to the existing system, and development replaces the existing system. It is an important part of system development that includes the activities which corrects errors in system design and implementation, updates the documents, and tests the data. Control and maintenance of the system are the responsibilities of the line managers. Control of the systems means the operation of the system as it was designed to operate. Sometimes, well-intentioned people or operators may make unauthorized changes to improve the system, changes that are not approved or documented.

Maintenance is closely related to control. Maintenance is that ongoing activity that keeps the MIS at the highest levels of effectiveness and efficiency within cost constraints. Maintenance is directed towards reducing errors due to design.

Maintenance Types:

System maintenance can be classified into three types –

- **Corrective Maintenance** – Enables user to carry out the repairing and correcting leftover problems.
- **Adaptive Maintenance** – Enables user to replace the functions of the programs.
- **Perfective Maintenance** – Enables user to modify or enhance the programs according to the users' requirements and changing needs.

FUTURE SCOPE OF THE PROJECT

Future scope of the project:

1) Providing more security

In future this website can be updated with more security as many user's personal information cannot be hacked and also any user will not be hesitating to access or visit the website as more security features will be developed in updated version.

2) Additional features

Efforts can be made in future for adding and developing websites with additional features such as video facilities related to good deeds or work made by public.

3) Improved Functionality and Performance

We would like to work on the website to meet the expectation of users in the best possible way.

4) Application for mobiles

We will develop Window Based Application, which will be Platform Independent, with this people will be able to download our application and use it easily. It will provide notifications for the new updates in the website.

CONCLUSION

Conclusion:

India is on developing sector, some of the technologies have grown up by the phase to generating power supplies as well as the production of electricity too have grown up. To generate heat from power plants is the way towards saving heat energy. This results in saving high amount of heat and electricity by Solar Panels.

In this projects, we students have master-minded our project of Solar Energy- Renewable energy could emissions but also create jobs and improve public health. The advantage of solar behind this reason is to generate sustainable energy which will further save the environment, human health and peace first.

The livelihood of needs in human life have bounced the technologies from burning firewood till the generation of solar panels.

Now we were clear about the project on how the project can be done or what are the steps which are taken while developing the project.

The opportunity to create this project by our BCCA department is overwhelmed and much aware to save “Solar Energy” among us all.

BIBLIOGRAPHY AND REFERENCE:

Bibliography:

While developing this project, internet was the eternal support.

Following are the websites referred by us which helped us in developing our project:

1. https://en.m.wikipedia.org/wiki/Solar_power_in_India
2. [www.Google](http://www.Google.com) .com
3. YouTube.com
4. Easytutorials .com
5. ITSeries .com