



ISA

REGULATION RESOURCE REPOSITORY ON SOLAR ENERGY USER HELP MANUAL (Version 1.0) (12 February 2025)

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| | | 2 | | |

LIST OF ACRONYMS

| Acronyms | Definition |
|----------|------------------------------|
| FAQ | Frequently Asked Questions |
| ISA | International Solar Alliance |

1 INTRODUCTION

1.1 BACKGROUND

The International Solar Alliance (ISA) is committed to facilitating the global transition to sustainable and renewable energy sources, by making solar the preferred choice. ISA recognizes that regulations play a pivotal role in shaping the energy landscape of a nation and believes that by drawing inspiration from successful regulatory frameworks of a country, another country can lay the foundation for a brighter, more sustainable future.

As a testament to this commitment, the ISA has spearheaded the project to collate laws, regulations, policies, guidelines, judgements, technical standards, publications and reports relating to the regulatory environment in ISA's member countries and make them available in this Regulation Resource Repository on Solar Energy. These resources have been meticulously gathered to serve as a comprehensive and valuable knowledge hub, promoting the development and harmonization of solar regulations worldwide.

ISA's primary aim is to provide this repository for the benefit of its member countries, academicians, experts, and the public at large. Whether you are an official in a member nation, an academic seeking invaluable research material, an expert in the field, or a concerned citizen interested in the future of sustainable energy, this platform is designed to be your go-to resource. ISA aims to harness the power of knowledge and collaboration to drive solar energy adoption and contribute to a greener, more sustainable planet.

1.2 ABOUT THE PORTAL

The ISA Regulation Resource Repository portal aims to serve as a single window platform to provide all law, regulations, policies, guidelines etc relevant to the solar energy sector related to ISA member countries. It serves to facilitate understanding of the complex regulatory landscape, promoting compliance with established standards. This repository supports research efforts and provides valuable insights for researchers, policymakers, and industry experts.

1.3 ABOUT THE USER MANUAL

The ISA Regulation Resource Repository Portal User Manual is a comprehensive guide that facilitates seamless user engagement with the platform. It covers essential functionalities such as user registration and login, collaborative contribution features, and detailed navigation instructions for the extensive database, which includes Laws, Regulations and Policies, Publications, and Technical Standards. The manual also addresses user queries through a dedicated FAQs section, provides insights into the repository's purpose on the "About the Repository" page, and encourages user feedback via a designated page. Users can reach out through the Contact Us page. Major Themes offer a thematic overview, and the News and Updates section keeps users informed about the latest developments. This user-centric guide ensures that stakeholders, including researchers, policymakers, and industry experts, can effectively leverage the repository for valuable insights into the regulatory landscape of the solar energy sector.

The User Manual acts as a comprehensive guide, empowering users to navigate, contribute, and derive maximum benefit from the ISA Regulation Resource Repository Portal, thereby fostering collaboration and knowledge dissemination within the solar energy community.

This user manual covers the following chapters and provides a detailed explanation for each action point:

- Register and Login Functionality
- Database (Laws, Regulations and Policies, Publications, Technical Standards)
- FAQs Section
- About the Repository Page
- Feedback Page
- Contact Us Page
- Major Themes (Laws, Regulations and Policies, Publications, Technical Standards)
- News and Updates

2 PORTAL FUNCTIONALITIES

This section outlines the online registration procedure for users seeking to utilize the collaboration functionality and download documents available on ISA Regulation Resource Repository Portal. The user shall mandatorily register themselves on the portal to download any document.

2.1 USER REGISTRATION PROCESS

Step 1. Access the website ISA Regulation Resource Repository Portal Link. The Home page of the portal will be displayed as shown below. Click on the Hamburger menu as shown below.

| | | Need a Guide? Start Here. | (f) 🕑 🗖 (in |
|----------------|--------------------------|---|-------------|
| INTERNATIONAL | Regulation Repository | Home | Database = |
| | | Click on Hamburger Menu | |
| | | Regulation Resource Repository for Solar Energy | |
| | A com | orehensive data repository for all regulations in ISA member countries relating to Solar Energy | |
| All Content | Title Search | | |
| Search Data e. | g. Laws, Publica | tion and Technical Standards. | SEARCH |
| | | Browse By: Country Or Theme | |

Figure 1: Hamburger Menu

Step 2. After clicking on the Hamburger Menu, the menu window will expand. The user shall then click on "Login" option as shown below.

| | | Need a Guide? <mark>Start Here</mark> . | (f) 🕑 🗖 |) (in |
|------------------------------------|--------------------------|---|----------|-------|
| International Solar ALLIANCE | Regulation Repository | Home | Database | × |
| Login About Repository | | | | |
| FAQs | | | | |
| Feedback | Click on Login | | | |
| Contact Us | | | | |

Figure 2: Login Option

Step 3. The Login page shall open. The user shall then click on "Create an Account" as shown below.

| | | Need a Guide? Start Here. 🥑 🎔 💷 in |
|--------------------------|--|------------------------------------|
| Regulation Repository | | Home Database 📃 |
| | | |
| | | |
| | | |
| | LOGIN | |
| | Sign in with your registered email address and the password | |
| | admin@isa.org | |
| | ۵ | |
| | | |
| | Your answer | |
| | | Click on Create new |
| | LETS GO | account |
| | | |
| | Forgot password? Create new account | |

Figure 3: Login Window Page

Step 4. The user shall be directed to the Register window page, where the user needs to fill in the required details and click on "Create Account" as shown below.

| | Need a Guide? Start Here. 🕤 🎔 回 in |
|--------------------------|---|
| Regulation Repository | Home Database 📃 |
| | |
| | REGISTER |
| | admin@isa.org |
| | Organization |
| | Fill the required details and click on 'Create |
| | Confirm Password |
| | Note : * Fields are mandatory. |
| | |

Figure 4: Registration Page

Step 5. The user shall then receive a verification email on registered email id. The user needs to click on "Verify Email Address" as shown below. Once verified the user can now Login and access the various functionalities on the portal, such as downloading a document or writing a view piece.

ISA-RRR

| Hello! | Click on 'V | erify Email |
|---|-------------|-------------|
| Please click the button below to verify your email address. | Addı | ress' |
| Verify Email Address | | |

If you did not create an account, no further action is required.

Regards, ISA-RRR

Figure 5: Verification Email

Step 6. After logging onto the portal, the user shall be directed to the Dashboard window as shown below.

| | | Need a Guide? Start Here. | (f) 🌒 🔍 | (ir |
|--|--|---|------------------------------|-----|
| Regulation Repository | | Home | Database | Ξ |
| | | | | |
| Profile Prajwal Wani Edit your profile | | | | |
| Searches | Downloads | Help | | |
| Your last 10 searches will appear here. | Your last 10 downloads will appear here. | If you would like to contribute to thi an email from your registered email admin@isa.org. | s portal write address to | |

Figure 6: User Dashboard

Step 7. The user can reset the password by clicking on "Edit Your Profile" option under the Profile window as shown below. After entering the current password and new password, click on Change Password to change the password.

| | | | | Need a Guide? Start Here. | (f) 🕑 💷 (in) |
|------------------------------------|--------------------------|---|--|---------------------------|--------------|
| INTERNATIONAL SOLAR ALLIANCE | Regulation Repository | | | Home | Database |
| | | Edit Profile Name Prajwal W Email | ani | Password Re | eset Option |
| | | Change Passwo Current Password New Password | rd Current Password New Password | | |
| | | Confirm New Password | Confirm New Password | | |

Figure 7: Password Reset Option

2.2 ACCESSING RESOURCE MATERIALS

The Users can access the various documents available on the portal through the Database menu. The Database Menu is located in the top menu bar as shown in below figure. It offers users a structured approach to access a diverse range of clean energy resources. With categories such as laws, regulations, policies, publications, technical standards, reports, case studies, and more as depicted in Table below. Users can easily navigate and explore specific types of content relevant to their clean energy research or policymaking needs.

The Database Menu provides an organized and user-friendly interface to facilitate efficient exploration and utilization of the repository's extensive clean energy resource collection. The User registration is must to download any document. The steps to download the document are explained below.

| Major Themes | Themes | Sub-Themes |
|-----------------------------------|------------------------------|--|
| Laws, Regulations And Policies | Energy Laws & Regulations | Acts Laws Regulations & Regulatory tools Judgments |
| | Plans, Policies & Programmes | PoliciesStrategies & roadmaps |

| i usic il illeluicilleur russilonity seructure | Table 1: | Hierarchical | Taxonomy | Structure |
|--|----------|--------------|----------|-----------|
|--|----------|--------------|----------|-----------|

| | | Guidelines |
|----------------------------|---------------------------|-----------------------------|
| | | • Missions |
| | | R&D programmes |
| | Tariff Policies and | • Tariff |
| | Framework | • Tax structure |
| | Eiseel Erere errorlee | Investment |
| | FISCAL Frameworks | Subsidies |
| | | Financial mechanism |
| | | • Financial incentives |
| | Financial Regulations | • Loans |
| | | Financing model |
| | | Competing markets |
| | Antitrust and Competition | Anti-Competitive practices |
| | Legislations | Licencing |
| | | PPP Models |
| | | Environmental tribunals |
| | Environmental Frameworks | Environmental regulations & |
| | | Acts |
| | Research Papers | Solar Rooftop |
| | Case Studies | Solar Mini grid |
| | Thesis/Dissertation | Floating Solar |
| | Opinions | Solar for Agricultural Use |
| | Books | Solar Projects Finance |
| | | • E-mobility |
| | | • Storage |
| | | Green Hydrogen |
| Publications | | Electricity Generation |
| | | Electricity Transmission |
| | Reports | Electricity Distribution |
| | | Solar Panels |
| | | Solar Cells |
| | | Solar Business Model |
| | | Solar Investments |
| | | Solar Regulations |
| | | Commentary |
| | Product standards | Solar Rooftop |
| Technical Standards | Process standards | Solar Minigrid |
| | | Floating Solar |

| Solar Pumps |
|--------------------------|
| • E-mobility |
| • Storage |
| Green Hydrogen |
| Electricity Generation |
| Electricity Transmission |

Step 1. Click on the "Database" menu on the Homepage as shown below.

| | | Need a Guide? Start Here. 🛛 🕈 💌 🚺 | n |
|--|---|-----------------------------------|---|
| Regulation Repository | | Home Database Ξ | = |
| | Click on 'l | Database' Menu | |
| Regulation | Resource Repository for Sola | ar Energy | |
| A comprehensive data repos | sitory for all regulations in ISA member countrie | es relating to Solar Energy | |
| | | | |
| All Content Title Search | | | |
| Search Data e.g. Laws, Publication and Technical Stand | ards. | X SEARCH | |
| | Browse By: Country Or Theme | | |
| 911 | 233 | 474 | |
| - | — | — | |
| National Laws, Regulations and Policies | Technical standards | Other Publications | - |

Figure 8: Database Menu

Step 2. The user will be guided to the Database page, as depicted below. Utilizing the search window, users can locate the desired document. Additional filtering options are available on the left side to narrow down the search, including options such as filtering by Publication Year, Continent, Country, Theme, and Sub-theme.

| | 000 |
|--|--|
| Regulation Repositor | n Home Database y |
| Filter | Search Bar Document Information |
| DATABASE | |
| All Content Title Search | ۰ ۲ |
| Search Data e.g. Laws, Publi | ications and Technical Standards |
| | |
| Filter By Publication Year 1900 - 2023 | National Framework for Promoting Energy Storage 2023 Ministry of Power, Government of India India The National Framework for Promoting Energy Storage emphasizes the pivotal role of Energy Storage Systems (ESS) in addressing the variability of renewable energy sources, enhancing grid stability, and enabling energy integration. To facilitate the tr National Laws, Regulations and Policies Financial incentives Policies |
| Filter By Publication Year 1900 - 2023 Country | National Framework for Promoting Energy Storage 2023 Ministry of Power, Government of India India The National Framework for Promoting Energy Storage emphasizes the pivotal role of Energy Storage Systems (ESS) in addressing the variability of renewable energy sources, enhancing grid stability, and enabling energy integration. To facilitate the tr National Laws, Regulations and Policies & Financial incentives & Policies & Strategies & roadmaps & Financial Incentives & Policies Financial incentives & Policies & Strategies & Roadmaps & Fiscal Framework & Plans, Policies & Programmes Tariff Policies and Framework |
| Filter By Publication Year 1900 - 2023 Country Theme | National Framework for Promoting Energy Storage 2023 Ministry of Power, Government of India India The National Framework for Promoting Energy Storage emphasizes the pivotal role of Energy Storage Systems (ESS) in addressing the variability of renewable energy sources, enhancing grid stability, and enabling energy integration. To facilitate the tr National Laws, Regulations and Policies & Financial incentives & Policies & Strategies & roadmaps & Financial Incentives & Policies Financial incentives & Policies & Strategies & Roadmaps & Fiscal Framework & Plans, Policies & Programmes Tariff Policies and Framework Energy Independence and Security Act, 2007 2023 Sto Department of the Treasury United States of America The Act is a comprehensive piece of US legislation that encompasses various facets of energy policy. In relation to solar energy, the Act outlines provisions aimed at advancing solar technologies. Notably, it establishes targets for federal agencies Notabina Laws, Regulation targetizes and Requires and Reductary to the Notaria solar energy. |

Figure 9: Database Page

Step 3. Click on the title of the document to go to download page or to access further meta tags associated with the document. On clicking the document name the user shall be directed to the login/register page. Type in the registered email id and password to log in and click on **Let's Go** button. After logging in the user shall be directed to the following page.

| | Need a Guider Start Hele. | U |
|---|--|---|
| INTERNATIONAL SOLAP ALLIANCE Repository | Home Databas | e |
| DATABASE | | |
| All Content Title Search | | |
| Search Data e.g. Laws, Public | cations and Techy Click on 'Title' of document × SEARCH | |
| | | |
| | | |
| | + | |
| Filter By | Image: Storage | |
| Filter By | National Framework for Promoting Energy Storage 2023 Ministry of Power, Government of India | |
| Filter By | | |
| Filter By | National Framework for Promoting Energy Storage 2023 Ministry of Power, Government of India In National Framework for Promoting Energy Storage emphasizes the pivotal role of Energy Storage Systems (ESS) in addressing the variability of renewable energy sources, enhancing grid stability, and enabling energy integration. To facilitate the tr | |
| Filter By Publication Year • | National Framework for Promoting Energy Storage 2023 Ministry of Power, Government of India Intervention of India The National Framework for Promoting Energy Storage emphasizes the pivotal role of Energy Storage Systems (ESS) in addressing the variability of renewable energy sources, enhancing grid stability, and enabling energy integration. To facilitate the tr National Laws, Regulations and Policies Financial incentives Policies Strategies & roadmaps Financial Incentives Policies | |
| Filter By Publication Year 1900 - 2023 Country | National Framework for Promoting Energy Storage 2023 2023 2023 2023 2023 2023 2026 2028 2028 2029 2029 2020 <td></td> | |
| Filter By Publication Year 1900 - 2023 Country | National Framework for Promoting Energy Storage 2023 Ministry of Power, Government of India Ine National Framework for Promoting Energy Storage emphasizes the pivotal role of Energy Storage Systems (ESS) in addressing the variability of renewable energy sources, enhancing grid stability, and enabling energy integration. To facilitate the tr National Laws, Regulations and Policies & Financial incentives & Policies & Strategies & roadmaps & Financial Incentives & Policies Financial Incentives & Policies & Strategies & Roadmaps & Fiscal Framework & Plans, Policies & Programmes Tariff Policies and Framework | |
| Filter By Publication Year 1900 - 2023 Country Africa (621) | National Framework for Promoting Energy Storage 2023 Ministry of Power, Government of India Ine National Framework for Promoting Energy Storage emphasizes the pivotal role of Energy Storage Systems (ESS) in addressing the variability of renewable energy sources, enhancing grid stability, and enabling energy integration. To facilitate the tr National Laws, Regulations and Policies & Financial incentives & Policies & Strategies & roadmaps & Financial Incentives & Policies Financial Incentives & Policies & Strategies & Roadmaps & Fiscal Framework & Plans, Policies & Programmes Tariff Policies and Framework Energy Independence and Security Act, 2007 | |
| Filter By Publication Year 1900 - 2023 Country Africa (621) Asia (389) | National Framework for Promoting Energy Storage 2023 Ministry of Power, Government of India In National Framework for Promoting Energy Storage emphasizes the pivotal role of Energy Storage Systems (ESS) in addressing the variability of renewable energy sources, enhancing grid stability, and enabling energy integration. To facilitate the tr National Laws, Regulations and Policies & Financial incentives & Policies & Strategies & roadmaps & Financial Incentives & Policies Financial Incentives & Policies & Strategies & Roadmaps & Fiscal Framework & Plans, Policies & Programmes Tariff Policies and Framework Energy Independence and Security Act, 2007 2023 | |
| Filter By Publication Year 1900 - 2023 Country Africa (621) Asia (389) Europe (366) | National Framework for Promoting Energy Storage 2023 Ministry of Power, Government of India Ine National Framework for Promoting Energy Storage emphasizes the pivotal role of Energy Storage Systems (ESS) in addressing the variability of renewable energy sources, enhancing grid stability, and enabling energy integration. To facilitate the tr National Laws, Regulations and Policies & Financial incentives & Policies & Strategies & roadmaps & Financial Incentives & Policies Financial Incentives & Policies & Strategies & Roadmaps & Fiscal Framework & Plans, Policies & Programmes Tariff Policies and Framework Energy Independence and Security Act, 2007 2023 US Department of the Treasury | |
| Filter By Publication Year 1900 - 2023 Country Africa (621) Asia (389) Europe (366) North America (402) | National Framework for Promoting Energy Storage 2023 Ministry of Power, Government of India India The National Framework for Promoting Energy Storage emphasizes the pivotal role of Energy Storage Systems (ESS) in addressing the variability of renewable energy sources, enhancial grid stability, and enabling energy integration. To facilitate the tr National Laws, Regulations and Policies & Financial incentives & Policies & Strategies & roadmaps & Financial Incentives & Policies Financial Incentives & Policies & Strategies & Roadmaps & Fiscal Framework & Plans, Policies & Programmes Tariff Policies and Framework Energy Independence and Security Act, 2007 2023 US Department of the Treasury United States of America | |
| Filter By Publication Year 1900 - 2023 Country Africa (621) Asia (389) Europe (366) North America (402) Ceeania (314) | National Framework for Promoting Energy Storage 2023 Ministry of Power, Government of India India The National Framework for Promoting Energy Storage emphasizes the pivotal role of Energy Storage Systems (ESS) in addressing the variability of renewable energy sources, enhancing grid stability, and enabling energy integration. To facilitate the tr National Laws, Regulations and Policies & Financial incentives & Policies & Strategies & roadmaps & Financial Incentives & Policies Financial incentives & Policies & Financial Incentives & Policies & Strategies & roadmaps & Financial Incentives & Policies Financial incentives and Policies & Financial Incentives & Policies & Programmes Tariff Policies and Framework Energy Independence and Security Act, 2007 2023 Div Department of the Treasury United States of America The Act is a comprehensive piece of US legislation that encompasses various facets of energy policy. In relation to solar energy, the Act or promoting strategies and represented in the strategies is provide appropriet. | |

Figure 10: Document Access

| ISA REPOSITORY OF DOCUMENTS :: DOCUMENT DETAILS | Home Database = |
|--|--|
| ISA REPOSITORY OF DOCUMENTS :: DOCUMENT DETAILS | |
| ISA REPOSITORY OF DOCUMENTS :: DOCUMENT DETAILS | |
| ISA REPOSITORY OF DOCUMENTS :: DOCUMENT DETAILS | |
| | |
| | |
| | ← |
| National Framework for Promoting Energy Storage | |
| | |
| Publication Year | |
| Click on Title o | oftho |
| Govt. Agency / Institution/ Publisher | |
| Ministry of Power, Government of India document to dov | wnload |
| Country | |
| India, Asia | |
| Abstract/Summary | |
| The National Framework for Promoting Energy Storage emphasizes the pivotal role of Energy Storage Systems (energy courses, enhancing grid stability, and enabling energy integration. To facilitate the transition from free | (ESS) in addressing the variability of renewable |
| energy sources, emailed grid scatting, and enabling energy integration, to facilitate the transition noin loss energy, the framework focuses on creating a technology-independent, requirement-based, and financially | viable ecosystem for ESS development. Key |
| objectives include incentivizing ESS deployment, reducing greenhouse gas emissions and energy costs, suppor redesigning energy markets, enhancing grid stability, fostering innovation, developing technical standards, er | orting policy measures and financial incentives, nsuring equitable access, and monitoring ESS |
| performance for informed decision-making. The framework significantly contributes to the solar sector by add | dressing the inherent challenges of renewable |
| energy sources, including solar. As renewable energy sources are instantaneously utilized, the mamework underso | cores the need for efficient storage solutions. |
| Theme | |
| Plans, Policies & Programmes, Strategies & roadmaps, Tariff Policies and Framework, Policies, Fiscal Framework, S incentives, National Laws, Regulations and Policies, Financial incentives, Financial Incentives, Policies | Strategies & Roadmaps, Policies, Financial |
| | |
| rags Energy Standards, Energy storage, Energy Efficiency | |
| | |
| Rights | |
| Ministry of Power, Government of India | |
| URL | |
| https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2023/10/202310051290827491.pdf | f |

Step 4. To download the document click on the Title of the document as shown below. The downloading shall start.

| N | leed a Guide? Start Here. 🕤 🅑 回 in |
|---|---|
| Regulation Repository | Home Database 🗏 |
| | |
| | |
| ISA REPOSITORY OF DOCUMENTS :: DOCUMENT DETAILS | |
| | ÷ |
| National Framework for Promoting Energy Storage | |
| Publication Year | |
| 2023 | |
| Govt. Agency / Institution/ Publisher Click on Litle of the | e |
| Ministry of Power, Government of India document to downlo | bad |
| Country | |
| India, Asia | |
| Abstract/Summary | |
| The National Framework for Promoting Energy Storage emphasizes the pivotal role of Energy Storage Systems (ESS) in an energy sources, enhancing grid stability, and enabling energy integration. To facilitate the transition from fossil fuel-base energy, the framework focuses on creating a technology-independent, requirement-based, and financially viable ec objectives include incentivizing ESS deployment, reducing greenhouse gas emissions and energy costs, supporting polix redesigning energy markets, enhancing grid stability, fostering innovation, developing technical standards, ensuring ex performance for informed decision-making. The framework significantly contributes to the solar sector by addressing energy sources, including solar. As renewable energy sources are instantaneously utilized, the framework underscores the p | ddressing the variability of renewable ssed to 24x7 dispatchable renewable tosystem for ESS development. Key cy measures and financial incentives, quitable access, and monitoring ESS the inherent challenges of renewable need for efficient storage solutions. |
| Theme | |
| Plans, Policies & Programmes, Strategies & roadmaps, Tariff Policies and Framework, Policies, Fiscal Framework, Strategies incentives, National Laws, Regulations and Policies, Financial incentives, Financial Incentives, Policies | & Roadmaps, Policies, Financial |
| Tags | |
| Energy Standards, Energy storage, Energy Efficiency | |
| Rights | |
| Ministry of Power, Government of India | |
| URL | |
| https://cdnbbsr.s3waas.gov.in/s3716e1b8c6cd17b771da77391355749f3/uploads/2023/10/202310051290827491.pdf | |
| | |

Figure 12: Downloading the document

2.3 SEARCH FUNCTIONALITY

The search feature empowers users to explore specific topics or documents, constituting a prominent aspect of the ISA Regulation Resource Repository Portal. This functionality enables users to search for single or multiple keywords, delivering the most relevant documents based on the entered queries.

| Need a Guide? <mark>St</mark> | art Here. | (f) 🕑 回 | (in) |
|--|-----------|-----------|------|
| Regulation Repository | Home | Database | |
| | | | |
| Click on 'All Content' to search documents based on specific words within their content. | | | |
| Reculation Resource Repository for Solar Energy A control Click on 'Title Search' to search documents based on their title. | Sea | rch Windo | w |
| All Content Title Search | | | |
| Search Data e.g. Laws, Publication and Technical Standards. | × | SEARCH | |
| Browse By: Country Or Theme | | | |

Figure 13: Search Window

2.4 Снатвот

The chatbot feature enables users to pose questions, and it endeavours to furnish answers by drawing upon the available database. The chatbot offers responses based on the most pertinent documents it identifies for the posed question, accompanied by links to access those documents. Additionally, the bot provides a direct link to the database page related to the queried question, facilitating users in discovering more relevant documents. The Chatbot can be accessed as shown below.

| | | Need a Guide? Start Here. 🛛 🍯 🕥 间 |
|---|---|-----------------------------------|
| Regulation Repository | | Home Database Ξ |
| | | |
| | | |
| | | |
| Regulatio | n Resource Repository for Solar | r Energy |
| A comprehensive data rep | ository for all regulations in ISA member countries | relating to Solar Energy |
| All Content Title Search | | |
| Search Data e.g. Laws, Publication and Technical Star | idards. | X SEARCH |
| | Browse By: Country Or Theme | |
| 911 | 233 | 474 |
| National Laws, Regulations and Policies | | Other Publications |
| | | |
| | | |
| | | |
| | | |

Figure 14: Chatbot

Select the Chatbot icon to open the chatbot window. Enter your question within the chatbot window as shown below.

| | | | Need a Guide? Start Here. f | 🕑 🔲 (in) |
|--------|---|---|-----------------------------|---|
| lsa" | Regulation Repository | | Home Da | tabase 📃 |
| | | | | |
| | | | | |
| | | | | Chatbot window |
| | Regulatio | on Resource Repository for Solar E | nergy | |
| | A comprehensive data re | pository for all regulations in ISA member countries rela | iting to Solar Energy | Ļ |
| | | | | KIRAN X |
| All C | Content Title Search | | | |
| | | | | Hey there! Welcome to ISA's Regulation Repository. My name is Kiran. |
| Searc | ch Data e.g. Laws, Publication and Technical St | andards. | × | Would you like to explore our portal? |
| | | | | Need help with portal navigation? |
| | | Browse By: Country Or Theme | | 19:00 |
| | | | | |
| | 911 | 233 | 474 | |
| | — | | _ | |
| Nation | al Laws, Regulations and Policies | Technical standards | Other Publications | |
| | | | | |
| | | | | |
| | | | | |
| | | | | Send a message ISA Repository |

Figure 15: Chatbot window

2.5 **ABOUT THE REPOSITORY**

This section elucidates the purpose and significance of the repository, detailing its role as a centralized platform for regulatory resources related to the solar energy sector. This section provides users with a comprehensive understanding of the repository's objectives and its contribution to research and compliance. The user can access the About Repository page by clicking on the Hamburger menu and subsequently clicking on the "About Repository" sub-menu as shown below.

| | Need a Guide? Start Here. | (f) 🕑 🗖 |) (in |
|--|---------------------------|----------|-------|
| Regulation Repository | Home | Database | × |
| About Repository Click on 'About Repository' | | | |
| Feedback | | | |
| Contact Us | | | |
| | | | |
| Figure 16. About Depository Manu | | | |

Figure 16: About Repository - Menu



Figure 17: About Repository - Page

2.6 FREQUENTLY ASKED QUESTIONS (FAQS)

To assist users in addressing common queries, the FAQs section is details the user about most common questions/queries. It serves as a quick reference guide, offering solutions to frequently encountered issues related to the portal's functionalities. The FAQs section can be accessed through the Hamburger menu as shown below.

| | Need a Guide? Start Here. | |) (m) |
|--|---------------------------|----------|----------------|
| Regulation Repository | Home | Database | × |
| Login About Repository FAQs Feedback | | | |
| Contact Us Regulation Resource Repository for Solar Ene | | | |

Figure 18: FAQs Menu



(f) (y) 🖸 (in)INTERNATIONAL SOLAR ALLIANCE Regulation Repository What is ISA? 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. 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). To know more, click here What is the aim of the Regulation Repository? The Regulation Repository aims to serve as a single window platform to provide all law, regulations, policies, guidelines etc relevant to the solar energy sector related to ISA member countries. It serves to facilitate understanding of the complex regulatory landscape, promoting compliance with established standards. This repository supports research efforts and provides valuable insights for researchers, policymakers, and industry experts. To know more, click here. Who are the stakeholders of the Repository? The stakeholders of the Repository are diverse and include a wide range of individuals and organizations. These stakeholders typically consist of government agencies, policymakers, legal experts, solar industry professionals, researchers, academics, environmental organizations, clean energy advocates, businesses involved in solar energy, and the general public. The repository caters to all those interested in understanding, complying with, or contributing to solar energy regulation, making it a valuable resource for a broad spectrum of stakeholders within the solar energy sector. What resource types are available in Repository? The Repository offers a rich array of resources that encompass legal, technical, and research documents related to solar energy These resources include legal frameworks, regulations, case

Figure 19: FAQs Page

2.7 **FEEDBACK**

User feedback is integral to continuous improvement. The Feedback Page guides users on how to provide valuable input. This ensures that the portal remains user-friendly, relevant, and aligned with the needs of its diverse user base. The Feedback page can be accessed by clicking on Hamburger menu and selecting the Feedback sub-menu as shown below. The user needs to fill in the necessary details and click on submit button to share the feedback to the admin.

| | Need a Guide? Start Here. | (f) 🕑 🖻 |) (in |
|------------------------------|---------------------------|----------|-------|
| Regulation Repository | Home | Database | × |
| Login | | | |
| About Repository | | | |
| FAQs | | | |
| Feedback Click on 'Feedback' | | | |
| Contact Us | | | |
| | | | |

Figure 20: Feedback Menu

| Repository | | | | |
|--------------|--|---|---|-----------------|
| FEEDBACK | | | | |
| Name * | | | | |
| Occupation * | | | | |
| Select Here | | | | |
| Email * | | | | |
| Subject * | | | • | Fill t neces |
| | | | | deta |
| Message * | | | | and c on |
| | | h | | 'Subr |
| | | | | butte |
| | | | | |

Figure 21: Feedback Page

2.8 CONTACT US

In case users require personalized assistance or have specific inquiries, the Contact Us Page details the channels through which users can reach out to the portal administrators. This enhances user engagement and establishes a direct line of communication. The Contact Us page can be accessed by clicking on Hamburger menu and selecting the Contact Us sub-menu as shown below.

| | Need a Guide? Start Here. | (f) 🕑 🖻 |) (in |
|-------------------------------|---------------------------|----------|-------|
| Regulation Repository | Home | Database | × |
| Login | | | |
| About Repository | | | |
| FAQs | | | |
| Feedback | | | |
| Contact Us Click on 'Contact' | | | |

Figure 22: Contact Us Menu

| | Need a Guide? Start Here. |
|--|---------------------------|
| Regulation Repository | Home Database 🚍 |
| | |
| CONTACT US | |
| 🖀 International Solar Alliance Secretariat | |
| Surya Bhawan, | |
| National Institute of Solar Energy Campus Gwal Pahari, | |
| Faridabad-Gurugram Road, | |
| Gurugram, Haryana - 122003, India | |
| √ +91 124 362 3090/69 | |
| rrr@isolaralliance.org | |
| | |
| | |

Figure 23: Contact Us Page

2.9 MAJOR THEMES

The Major Themes section delves into the major themes covered by the repository, elucidating the information available under Laws, Regulations and Policies, Publications, and Technical Standards. This section serves as a roadmap for users, helping them navigate the portal with a clear understanding of the available content.



Figure 24: Major Themes Window

2.10 NEWS & UPDATES

To keep users informed about the latest developments, the News & Updates section outlines the latest newsfeed. This feature ensures that users stay abreast of changes in regulations, industry trends, and other pertinent information related to the solar energy sector.

| Repository | | | |
|--|--|--|--|
| | NEVNEWS & | UPDATES TES | |
| How Much "Climate Justice" Do We Need How Much Can We Stand? How will you and I become extinct? The UN assures us that the weather will be unpleasant whenever it happens. The IPCC or produced that global arming", "heating", "baking" "brolling" and other Game of Thrones-worthy agony would be the end of humanity. The latest: The earth will be boiling Except what if it's not true Continue Reading | Suit to Terminate Texas Oil and Gas Lease Fails for Lack of Evidence The real takeaway from Pruett v. River Land Holdings LLC is the reminder that the Texas Railroad Commission cannot adjudicate questions of title The facts in 2001 Pruett acquired 323 acres and his mother acquired 194 acres of an original 550-acre tract in Miam County, Texas, which was burdened by an oil and gas lease. In Continue Reading | No Compound Interest on Unpaid Royalties Under Texas Oil and Gas Lease It's not exactly Deuteronomy 2319, but the Supreme Court of Texas has an opinion about interest. Threy don't like if it's compounded. Samson Exploration LLC v. Bordages addressed interest to be charged on unpaid royalites under an oil and gas lease. The takeaway Compound interest is disfavored in Texas lease. An agreement for interest Continue Reading | How Courts Look at Fixed or Floating Royalty Disputes Montgomery Trustee v ES3 Minerals and Echo Minerals is another Texas fixed or floating royalty case. Before diving into the details, perhaps it's best describe the pattern the court seem to fall into to resolve these disputes. These are general rules of construction one sees time after time in these cases: The conveyance at Continue Reading |

Figure 25: News & Updates section

2.11 USER MANUAL & VIDEO GUIDES

The **User Manual & Video Guides** section provides users with step-by-step instructions on utilizing the **Search Options** available in the **Database Page** and **Search Bar**.

| | Need a Guide? Start Here (f) (9) (a) (in) |
|---------------------------------|---|
| Regulation AtLACE Repository | Home Database 🗮 |
| topostory | Click on 'Start Here' |
| | |
| | |

Figure 26: Need a Guide? Start Here



Figure 27: User Manual & Video Guides

The video guides demonstrate how users can refine their searches using the following options:

- Country-wise Search Filter documents based on a specific country.
- Theme-wise Search Browse documents categorized under major themes:
 - National Laws, Regulations & Policies
 - Publications
 - o Technical Standards

For a comprehensive understanding of all portal features, users can download the User Manual, which contains detailed information.