

**MINISTRY OF ENERGY  
AND BUSINESS**



**GUIDANCE NOTE**

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# 1. INTRODUCTION

1.1 This guidance note is designed to provide clarity and assistance to individuals, businesses, joint ventures, churches, charities, non-governmental organisations (NGOs) and any other interested parties seeking to apply for an energy storage licence. It explains the licensing process, the information requirements and the relevant criteria that are considered in applying for an energy storage licence under the Electricity Supply Act (ESA).

# 2. BACKGROUND

## Procurement methodologies

### Energy Storage Tariff

2.1 On June 28, 2023, the Fair Trading Commission (FTC) issued a decision on the “Energy Storage Framework and Tariffs”. The FTC developed an energy storage tariff (EST) framework that will be a 4-year pilot project aimed at gathering relevant data on the functioning of storage systems and their ability to provide services on the Barbados electricity grid.

2.2 The pilot project as conceptualized would focus on the use of battery energy storage systems (BESS) of four (4), three (3) and two (2) hour durations with a total allocated capacity of 50MW.

2.3 The FTC issued a review of its original decision on April 1, 2025, precipitated by a need to remove the overlap between the EST and the competitive procurement methodology in the 1-10MW category, and the changing cost assumptions on which the tariff was calculated. Given the length of time which had passed since the original decision, the cost assumptions were no longer reflective of current market values warranting a review of the tariff. As part of the review, it was determined that the EST would no longer be a pilot.

2.4 The FTC has determined the following tariffs and associated size categories:

**Table 1:** Tariff for 2-hour duration battery storage.

Size Category	LCOS* (BBD/kW-month)
≤25kW	47.38

**Table 2:** Tariff for 3-hour duration battery storage.

Size Category	LCOS* (BBD/kW-month)
>25 - 1MW	37.72

**Table 3:** Tariff for 4-hour duration battery storage

Size Category	LCOS* (BBD/kW-month)
>25 - 1MW	46.21

**\*LCOS: Levelised Cost of Storage**

- 2.5 Participants whose applications are validated shall receive the rate available on the date stated on their validation document upon their connection to the grid, for delivery of storage capacity and any associated services as required. The validation date is the date at which the Ministry responsible for Energy communicates to the applicant that the application has satisfied all requirements to be processed by the Ministry. The participants shall be eligible to receive the associated tariff for a period of ten (10) years.
- 2.6 To qualify for the EST payment, projects must meet the “used and useful” criteria. This means that the project must be able to provide three (3) or more storage power services and two (2) or more voltage/reactive power services simultaneously or temporally and actively deliver these services to the grid. The BLPC, in the Grid Code Interconnection Requirements for Battery Energy Storage Services, has identified and categorized the services required into various capacity classes as follows:

Class	BESS Power Capacity Range (kW)	Grid Service
1	$BESS \leq 25$	Back Up Power Energy shifting Demand Response Aggregated participation in ancillary services Voltage Regulation
2	$25 < BESS \leq 150$	Back Up Power Energy shifting Demand Response Aggregated participation in ancillary services Voltage regulation/reactive power support at the site (including voltage control)
3	$150 < BESS \leq 500$	Peak Load management/Energy Shifting Reserves provision Frequency Regulation Frequency Response Voltage regulation/reactive power support Islanded Grid Operation
4	$500 < BESS \leq 1500$	Peak Load management/Energy Shifting Reserves provision Frequency Regulation Frequency Response Voltage regulation/reactive power support Islanded Grid Operation

(Adapted from the Grid Code Interconnection Requirements for Battery Energy Storage Services)

### **Competitive Procurement**

2.7 Competitive bidding or auctioning of capacity is a process which aims to combine a lower risk concerning future payments for electricity produced from renewable sources, with a market mechanism to attain the lowest possible rate payable for a kilowatt-hour of renewable electricity. If there are enough bidders to create a highly competitive bidding process, competitive bidding should lead to lower renewable energy costs, as the bidders are more aware of their production cost structures than the relevant state or regulatory agencies. Competitive bidding can easily accommodate cost reductions due

to technological learning as the information on technological progress can be incorporated into the bids directly.

- 2.8 Competitive procurement will be utilised for renewable energy (RE) projects over 10MW and storage projects over 1MW. The first competitive procurement will be for 60MW of BESS. The bid documents have been posted to the government's procurement platform and no single bidder will be permitted to bid for capacity in excess of 30MW to prevent a monopolization of storage capacity.

### **Clean Energy Transition Rider**

- 2.9 The Clean Energy Transition Rider (CETR) was developed by the Barbados Light & Power Company Limited (BLPC) and approved by the FTC to be a flexible cost recovery mechanism to cover significant investments necessary to ensure the safety and reliability of the electricity grid to facilitate the clean energy transition.
- 2.10 The BLPC developed a Clean Energy Transition Programme (CETP), which includes significant investments in RE generation, BESS, the electricity grid and the commissioning of a 33MW Medium Speed Diesel (MSD) generation plant, and an increase in the functionality and extension of the life of existing assets.
- 2.11 The Clean Energy Transition Rider (CETR) was created as a rate relief mechanism to ensure the timely recovery of the revenue requirements associated with implementing the CETP. Timely revenue recovery reduces the pressure on the BLPC's rate of return ensuring the BLPC's viability, and by extension, its ability to continue making substantial long-term investments in the electricity network without compromising the resiliency of the network.

## **3. THE APPLICATION PROCESS FOR BATTERY ENERGY STORAGE SYSTEMS**

### **Procurement Methodology**

- 3.1 Similar to the process for obtaining a generation licence, the process for obtaining a storage licence commences with the submission of an application through the Ministry of Energy and Business' (MEB's) online portal. Each available procurement methodology caters to a particular demographic:
- The CETR is exclusively for the licensing of applications submitted by the utility BLPC;

- The EST is for projects less than 1MW and has a cap of 50MW. Applicants are remunerated at the tariff available on the date of validation of their application; and
  - Competitive procurement is for the licensing of bids submitted through the competitive procurement mechanism which has a cap of 60MW. Applicants are remunerated at the rate which they provide for the bid.
- 3.2 The portal will include a graph showing the total storage capacity which has been applied for, the total storage capacity which has been licensed, and the remaining available capacity for each procurement methodology.

### **Application Process**

- 3.3 The licensing application process commences at the single-entry window of the MEB where applicants must apply for a storage licence by completing the digital application process and submitting all required documents related to the project.
- 3.4 After the payment of the application fee via direct debit or the Government of Barbados' EZPay+ platform, the application is administratively reviewed by the Energy Division of the MEB to ensure that all required documentation have been uploaded, and the form can be assessed.
- 3.5 On completion of this review, a validation certificate is issued by the MEB. The Government Electrical Engineering Department (GEED) and the BLPC receive notifications and access to the documents for review within the portal. The application is forwarded to the technical, and if required economic units, within the Energy Division for their review and necessary action. The BLPC will execute a grid capacity review or connection impact assessment, and the Energy Division will complete the technical and financial assessments.
- 3.6 On completion of the reviews by the BLPC and the Energy Division, the application is forwarded to the Electricity Advisory Committee (EAC) for their recommendation to the Minister. Alternately, if the system is ground-mounted and requires planning permission from the Planning and Development Department (PDD), a conditional approval is granted, and the application is queued to the PDD.
- 3.7 Similar to the GEED and BLPC, the PDD has access to the online portal. If an applicant has been approved for planning permission, the conditional approval is upgraded to approved and the applicant is notified through the portal. When an applicant is issued with an approval, they are asked to pay the licence fee. Once the payment is accepted, the applicant is issued with a licence through the online system.

#### 4. **FEES**

4.1. The fees associated with a storage licence are as follows:

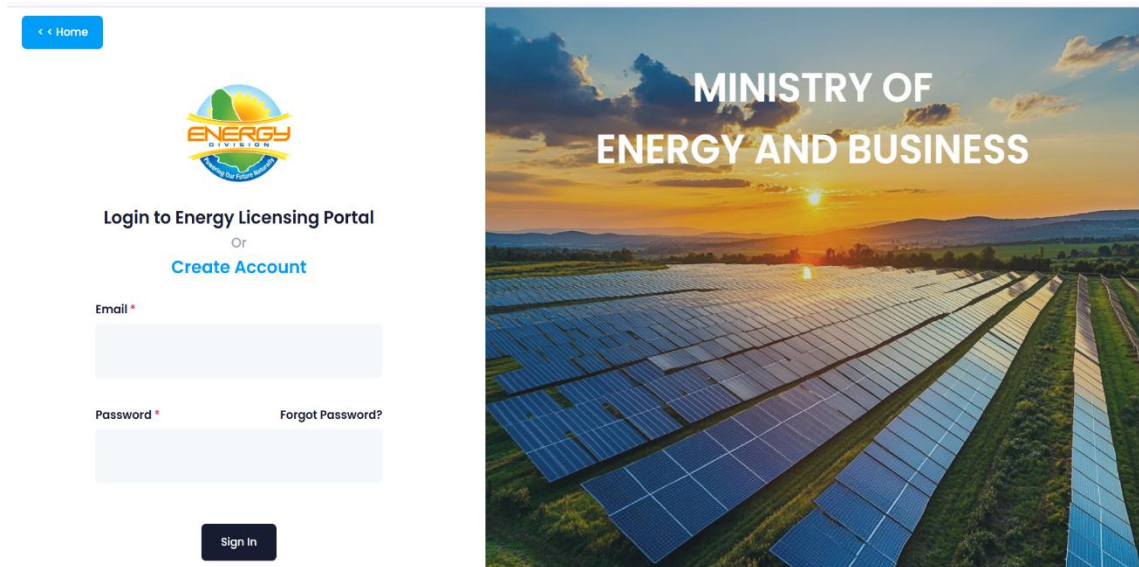
No.	Licence Category	Application Fee	Issuance of Licence	Renewal Fee
1	Equal to or less than 25kW	\$250.00	\$62.50	
2	More than 25kW but less than 100kW	\$625.00	\$125.00	
3	Equal to or greater than 100kW but less than 150kW	\$1,250.00	\$187.00	
4	Equal to or greater than 150kW but less than 500kW	\$1,250.00	\$250.00	
5	Equal to or greater than 500kW but less than 1000kW (1MW)	\$1,250.00	\$312.50	\$1,250.00
6	Equal to or greater than 1MW but less than 10MW	\$1,250.00	\$312.50	\$1,250.00
7	Equal to or greater than 10MW but less than 20MW	\$1,250.00	\$562.50	\$1,250.00
8	Equal to or greater than 20MW (except in the case of the public utility)	\$1,250.00	\$625.00	\$1,250.00
9	Licence to store electricity (public utility)	\$6,250.00	\$1,250.00	\$6,250.00

#### 5. **THE ENERGY STORAGE DEVICE LICENCE ONLINE PORTAL**

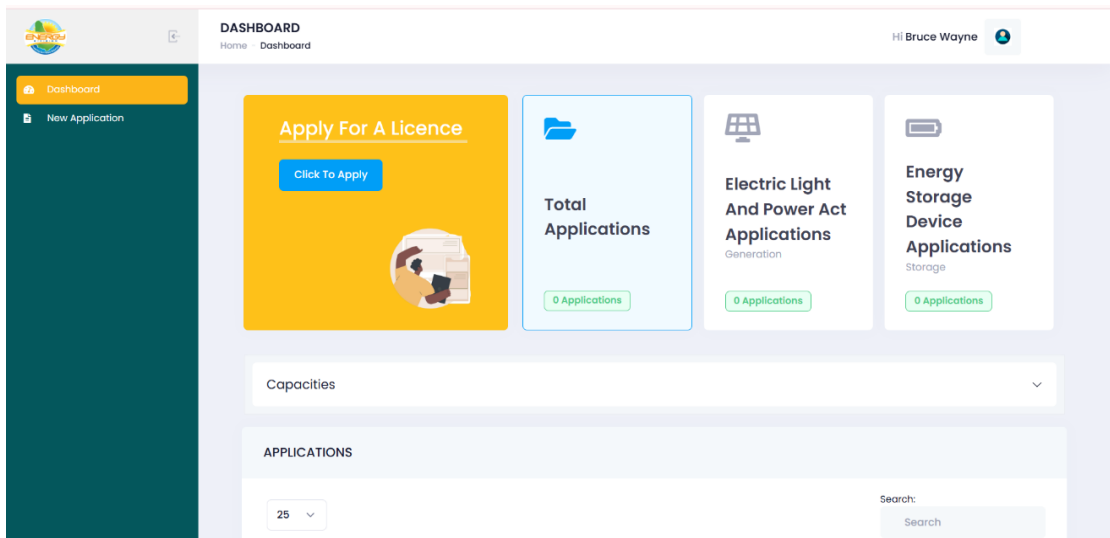
Applicants can access the online portal via the website:

<http://www.apps.energy.gov.bb>

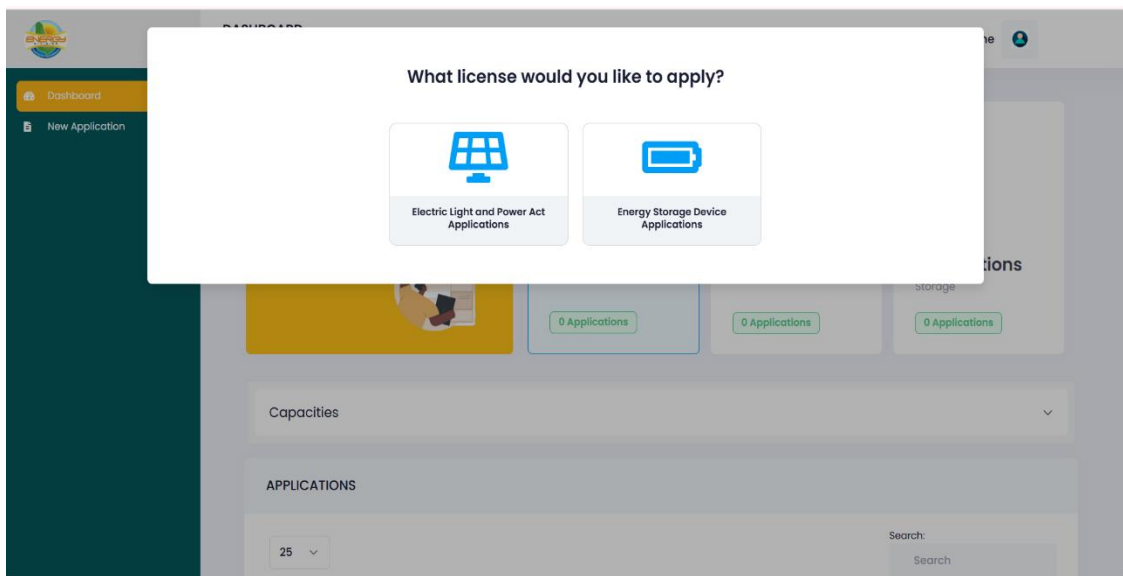
5.1 The process begins at the sign-up page where applicants are required to create an account to access the portal, if no account already exists. Upon submission of the relevant information, a confirmation email is sent to the listed email address providing login credentials.



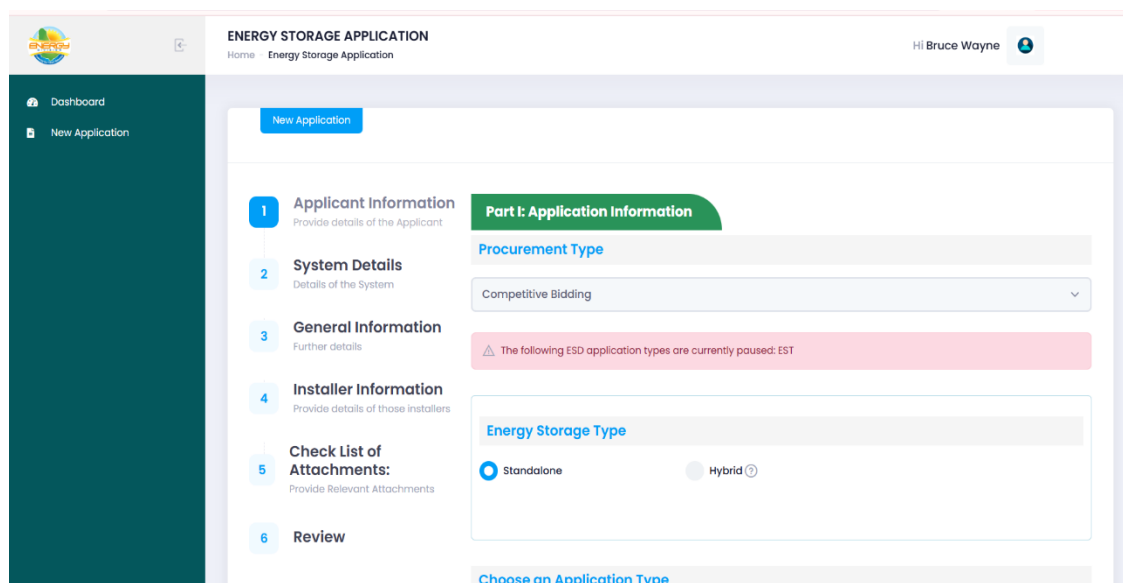
5.2 The portal opens to the applicant’s dashboard which shows a summary of the total applications submitted and the application status of each application as it advances through the different stages of the licensing process.



5.3 To start a new application, select the “Click to Apply” button which is located under the Apply for a Licence heading. A new window will open with the option of a Generation Licence Application or an Energy Storage Licence Application.



5.4 Selection of an energy storage licence application leads to the first page of the application form where the option is available for applicants to select the procurement methodology (as discussed under section 2), and either a hybrid or standalone system.



5.5 A standalone system refers to a BESS system that is not co-located with an RE system.

5.6 A hybrid system refers to the co-location and electrical interconnection of a BESS with a licensed RE system with a view to providing storage services. This option is therefore presently only available to holders of a generation licence or Right to Renewable Energy Certificate. A hybrid system which does not provide storage services will not require an energy storage licence

but is still required to be registered with the MEB. Selection of this option will require the applicant to provide the Generation Licence or Registration number. Any individual or entity which has applied for a hybrid licence without an approved generation licence or registration is automatically disqualified from consideration and is not eligible for a refund of any fees paid.

- 5.7 The MEB is aware that licencees may choose to form partnerships, consortiums or companies with other licencees due to financial or other reasons. The MEB wishes to state that any commercial arrangement involving the holder of a generation licence or registration, which enables the licensee or registrant to be grid connected or to reduce their curtailment will be eligible to apply for both hybrid and standalone licences. In this event, the licence or registration numbers of all entities involved in such a grouping should be entered when applying for a storage licence under the EST.

The screenshot displays the 'ENERGY STORAGE APPLICATION' web interface. The user is logged in as 'Hi Bruce Wayne'. The interface is in the 'Review' stage (step 6). The main content area is titled 'Select Type Of System' and features three radio button options: 'Solar Photovoltaic', 'Wind', and 'Other'. Below these options is a text input field with the placeholder 'Please state...'. A question asks, 'Is this Storage Device linked to a registered or licensed generation system? If yes, please enter ELPA number(s): e.g. ELPA 3/2/XXXXX'. Below this question is an input field containing 'ELPA 3/2/' and a 'Delete' button. At the bottom of the form is an '+ Add' button. The left sidebar contains 'Dashboard' and 'New Application' options.

- 5.8 The remainder of the page is standard applicant information beginning with the selection of the type of application and the type of installation: applicants are required to choose between individual and company/business for Application Type, and Residential and Non-Domestic for Type of Installation. Please note: For company/business applications, the applicant is required to be the beneficial owner.
- 5.9 All terms come with help text which can be accessed by selecting the circled question mark icon. Clicking the '+Add' button allows for additional applicants or contacts to be added.

**ENERGY STORAGE APPLICATION**  
Home Energy Storage Application

Hi Bruce Wayne

**Choose an Application Type**

Individual (an individual seeking Energy Storage License)

Company/Business (seeking an Energy Storage License)

**Type Of Installation**

Residential  Non-Domestic

**APPLICANT**

Title: Mr.  First Name:  Middle Initial(s):  Surname:

National Reg #:  Passport #:

5.10 Part II of the application form is the System Details page with sections covering mounting details, duration of storage and energy services which the batteries will be providing as well as various technical characteristics of the batteries. Selection of Mounting Structure opens a drop box which provides four options including Other. Selection of Other opens a new box where an alternative to the options provided can be entered.

**ENERGY STORAGE APPLICATION**  
Home Energy Storage Application

Hi Bruce Wayne

**Part II: System Details**

Mounting Structure:

Select Option

Floor

Wall

Enclosure

Other

Energy Services:

Please select all applicable services.

**ENERGY STORAGE APPLICATION**  
Home Energy Storage Application

Hi Bruce Wayne

**6 Review**

**Duration Of Storage**

Days:  4 Hours:  4 Minutes:  5

Energy Services:

Frequency Regulation  Ramp Support  Voltage Support

Please select all applicable services.

**For one (1) battery, please state:**

Battery Cell Type:  Electro-chemical

**DC Component Specifications:**

Nominal DC Voltage:  110 V Minimum DC Voltage:  V Maxium DC Voltage:  120 V

**ENERGY STORAGE APPLICATION**  
Home Energy Storage Application

Hi Bruce Wayne

Dashboard  
New Application

**AC Component Specifications:**

Maximum Continuous Charge Rate  A Minimum Continuous Charge Rate  A Cycle Life  cycles

Round Trip Efficiency  % Ramp Rate  s

Response Time  s Self Discharge  % per month Warranty  years

Brand  Model

Energy Capacity  Power Capacity

**ENERGY STORAGE APPLICATION**  
Home Energy Storage Application

Hi Bruce Wayne

Dashboard  
New Application

Number Of Batteries  Power Capacity Of System  AC

Energy Capacity Of System  kWh Maximum Export Capacity  kW

I have Different Calculations

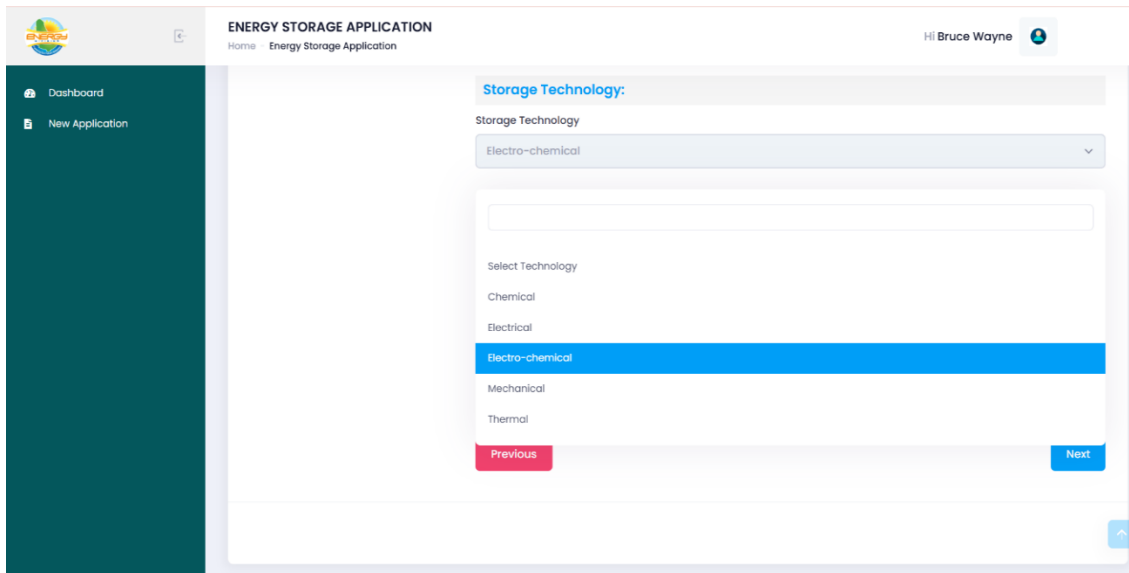
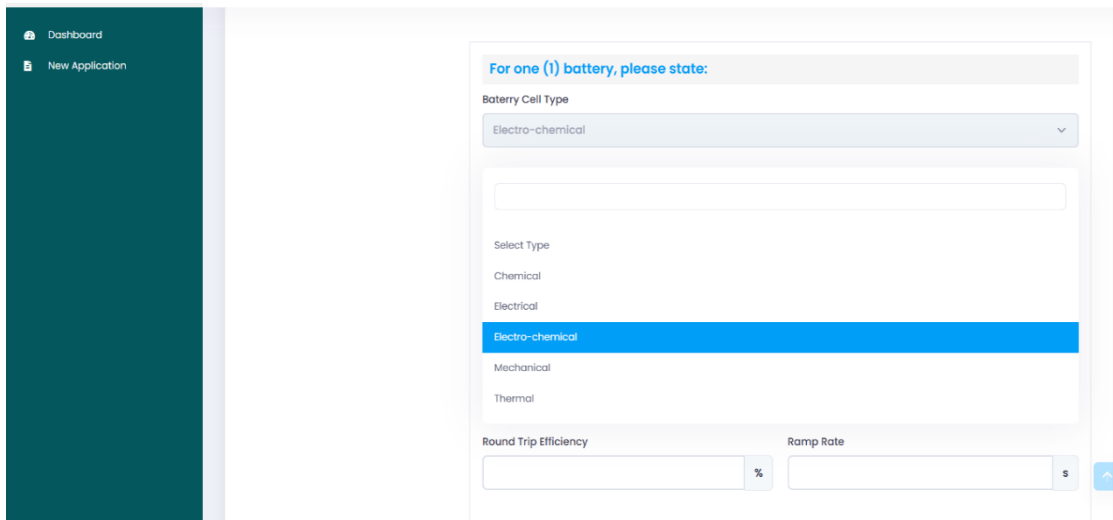
**Storage Technology:**

Storage Technology  Electro-chemical

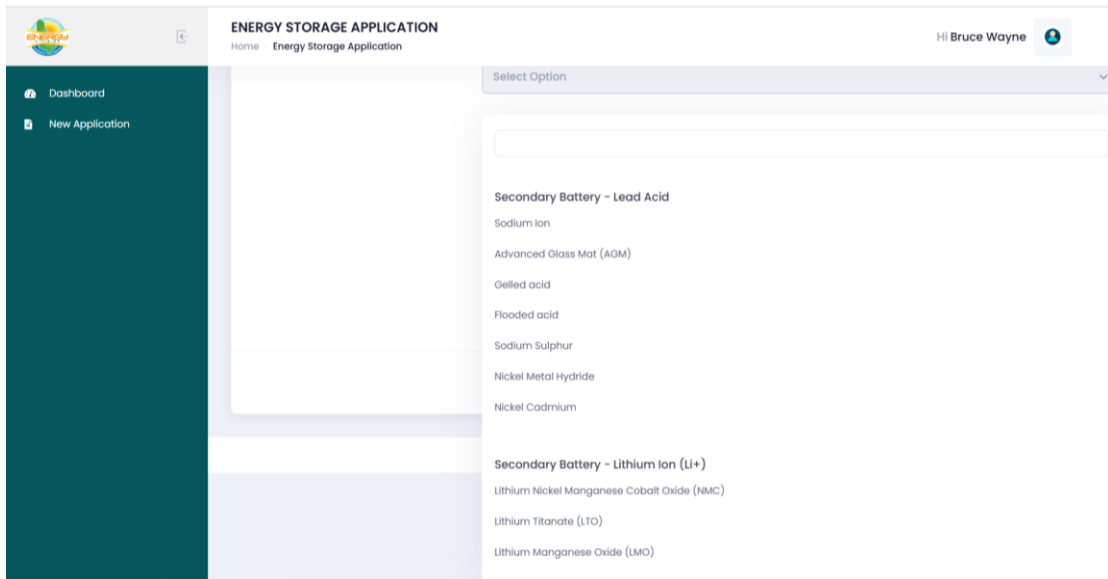
Technology Breakdown  Select Option

**Class of Storage:**

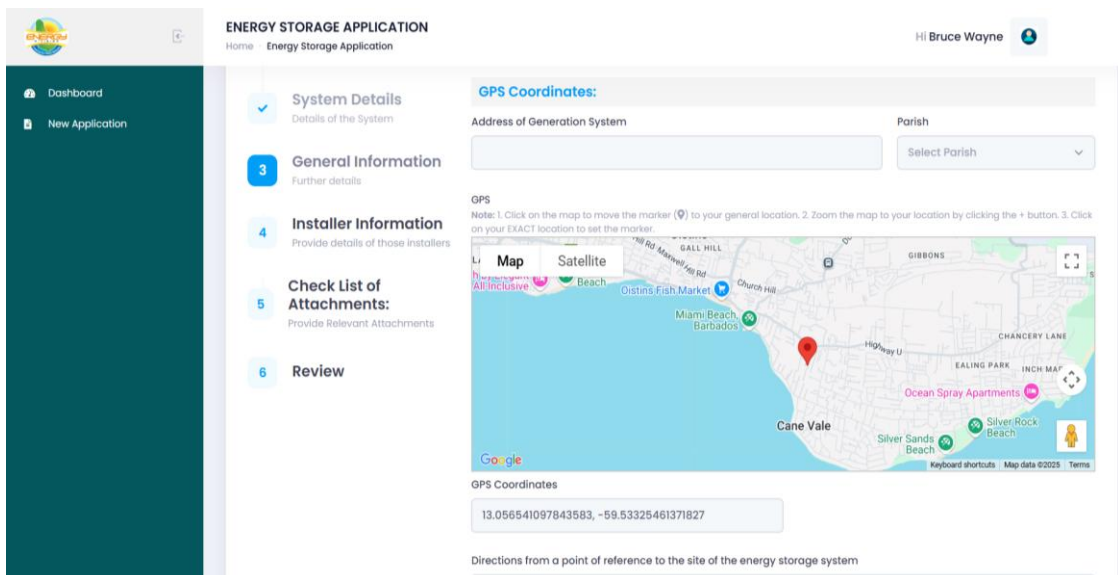
5.11 Selecting the battery cell type and the storage technology drop arrows open drop boxes with options for the different types of batteries.



5.12 Selection of Technology Breakdown under Storage Technology opens a drop box with options corresponding to the selected battery cell type.



5.13 Part III of the application form is General Information. Applicants are required to provide the location of their BESS using a GPS locator to select the location on a map of Barbados. This autofills a box with GPS coordinates. Applicants are also required to provide directions, cost of system and source of funding among other required fields.



5.14 Part IV, Installer Information, requires the name and contact information of the installer as well as his or her authorized representative.

5.15 Part V is for the upload of required documents. Select the type of document under classification and drag or drop each file using the blue upload icon. Required documents include financial, environmental and project related information.

5.16 For energy storage applications 150kW and under, the following documentation is required:

- BESS Specification Sheets

- Site Plan which shall include:
  - Site layout with overlay of BESS installation on the geographical map legend or symbol key;
  - The total number of batteries;
  - Location of the structure and location where the energy storage system is to be installed;
  - Location and working clearances for BESS equipment, main electric service panel, disconnects, overcurrent protection and control units;
  - Location and method of required ventilation equipment for indoor installations;
  - Method of protection from physical damage for the battery energy storage system, if applicable;
  - Conduit/cable routing of battery energy storage, if applicable;
  - Overhead runs, if applicable
  
- Battery Management System (BMS)
  
- Emergency Management Plan (EMP) – The EMP is a comprehensive strategy covering all phases of emergency management: mitigation, preparedness, response, and recovery, and focusing on fire and chemical hazards. It should include risk assessment, clear roles and responsibilities, communication protocols, training procedures, and potentially advanced safety technologies. An EMP is site-specific and based on industry standards like NFPA 855 and UL 9540. Included in the EMP should be the fire and thermal management plans, as well as the emergency response plan.
  - For residential systems 25kW and under, thermal management, fire management and emergency response plans may be submitted in lieu of an EMP.
  
- Data Acquisition & Monitoring Plan – The data acquisition and monitoring plan is a comprehensive strategy for collecting, managing, and analyzing operational data, which is critical for ensuring safety, optimizing performance, extending equipment life, and verifying compliance. It should include a data acquisition strategy and systems, and communications protocols.

- Environmental permit issued by the competent institution (EPD, Min. of Health, etc.)
- Approval from the Chief Electrical Officer of the Government Electrical Engineering Department (GEED)
- Certifications and Compliance
- Warranties

5.17 For energy storage applications in excess of 150kW, the following additional information is required:

#### **Indicative Implementation Schedule**

- Project timelines for the specific activities that must be performed to produce the various project deliverables.

#### **Experience and Skills**

- Experience and skills of persons involved in installing, operating and maintaining the generation system: the applicant will provide the names, job titles, e-mail addresses, telephone numbers, and the professional background of key personnel involved in the installation, operation and maintenance of the proposed system.

#### **Outline Battery Storage Safety Management Plan**

- An outline Battery Storage Safety Management Plan (BSSMP) which identifies how industry best practice will be utilized to reduce risk to life, property, and the environment from the BESS. The outline BSSMP should include several key components to ensure safe operation and mitigate potential hazards. These components should focus on design, construction, operation, maintenance, and emergency response. They should include but not be limited to:
  - Maintenance Procedures
  - Design schematics, including the enclosure construction details
  - Monitoring and control – This should detail the monitoring mechanisms used to track key indicators like voltage, temperature, and state of charge in real-time as well as the control systems used to manage charging, discharging, and coordinate with the broader power grid to optimize operation.
  - Contractor Emergency Protocol - A contractor's emergency protocol for a BESS is a site-specific plan designed to mitigate hazards like

fire, electric shock, and toxic gas release. It is built on a foundation of proactive risk assessment, stringent safety standards, and documented procedures for incident response, evacuation, and system shutdown. All personnel, including subcontractors, must be fully trained on the specific emergency procedures for the BESS they are working on.

- Communications Plan – The BESS communications plan outlines the communication protocols and networks required for a BESS to operate safely and efficiently, ensuring seamless operation within a larger energy grid or microgrid. It should include system components such as the Battery Management System, Power Conversion System and Energy Management System, network gateways, protocols, cybersecurity measures and physical protections.
- Decommissioning Plan - A facility decommissioning plan outlines the steps for safely and efficiently dismantling and removing the BESS infrastructure, including batteries, inverters, and associated equipment, while restoring the site to its original or a suitable condition.
- Environmental Safety & Health Plan – The Environmental Safety & Health Plan is a comprehensive document that outlines the strategies, procedures, and controls for mitigating potential risks during a project's full life cycle, including construction, operation, maintenance, and decommissioning, ensuring the safety of workers and the public and minimizing environmental impact.
- Inspections & Commissioning Plan – This outlines the steps to ensure a BESS is correctly installed, safe, and performs as intended before operation commences, as well as defining the roles of participants and the required documentation. It provides a structured process for verifying safety, reliability, and compliance with standards.
- Post Incident Recovery Plan – The BESS Post Incident Recovery Plan outlines the steps needed to safely secure, assess, and restore a site after an emergency like a fire or thermal runaway event.
- The BESS is to be designed to current industry standards and best practice at the time of detailed design and commissioning. Accordingly, the outline BSSMP -and detailed final BSSMP which is to be submitted at least four weeks prior to the installation of the BESS- will include the latest best practice for battery fire prevention, detection and suppression along with the emergency response plan, as knowledge, standards and practice continue to evolve.

- Evidence of certifications and compliance inclusive of, but not limited, to the following: NFPA 68, NFPA 69, NFPA 855, UL9540, IEC 60529, IEC 60068-2-11, UL 1973, UL 1642, IEEE 1547, IEC 62619, IEC 62933-4-1, IEC 62133, IEEE 2030.3, will be required prior to commissioning.

5.18 Additional documentation for commercial systems shall include the following:

#### **Company/Business Information**

- An application for a company/business shall include a description of the operational nature of the applicant's company/business operations:
- the company/business structure;
- the company/business strategy;
- the target market;
- the future plans of the business; as well as
- the socio-economic benefit of the business to Barbados, i.e.
  - the generation of new investment or the development of products or processes;
  - an improvement in employment, production capacity through market research, technical invention or innovation; or
  - the enhancement of export potential, foreign exchange earnings or savings, or the general welfare of persons in Barbados.

#### **Company/Business Registration**

- If the applicant is a company/business or other legal entity, a certified copy of its approved incorporation or other registration documents are required.

#### **Principal Officers, Directors and Partners**

- The names, titles, nationalities, telephone numbers and e-mail addresses of the applicant's principal officers, directors, partners or other similar officials.

#### **Ownership and Corporate Structure**

- A description of the applicant's corporate and ownership structures; as well as a list of the applicant's affiliates, if any.

**Financial information for non-energy companies shall include:**

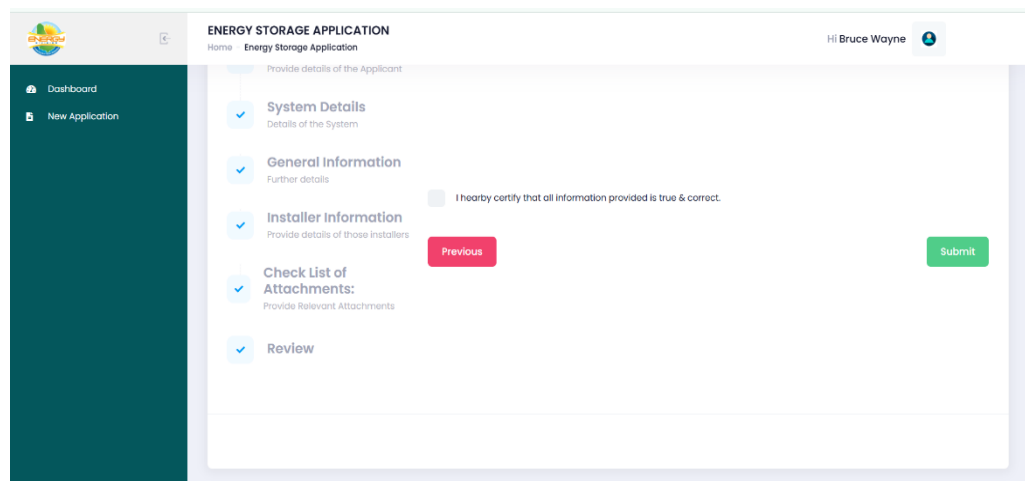
- Statements of assets, technology and source of energy:
  - The costs of all equipment.
  - Construction costs (if applicable), including material, labour and grid connection costs.
  - All land/property related, including sale/rental/lease of property arrangements, site preparation, design and security.
  - Projected scheduled downtimes.
- Project viability projections
  - Direct revenues (tariff)
  - Indirect revenues (savings, that is, electricity consumed)
  - Payback period
  - Internal Rate of Return (IRR)
  - Net Present value (NPR)
- Operating and Maintenance (O&M) Costs
  - Annual operating costs
  - Annual maintenance costs
  - Annual general operating overheads
  - Insurance costs
  - Depreciation costs
  - All labour costs including installation and administration (excluding insurance).

**For energy companies, the following additional information is also required:**

- Details on the applicant's credit rating from reputable agencies if available or trade credit reports from credit bureaus.
- Audited Financial Statements for the last three (3) years. Including:
  - Income Statement
  - Balance Sheets
  - Cash Flow Statement
  - Statement of Earnings
  - Notes of the above financial statements

- Proof of insurance: Including comprehensive general liability, professional liability, builder’s risk and environmental liability insurance.
- Financial Projections (Projected revenue, expenses, and profitability for the BESS project).
- Litigation History: Including any details of past or pending lawsuits, especially those related to project performance, financial disputes or environmental issues.
  - Evidence of penalties documentation (if applicable)

5.19 Part VI is the final section. This is a review of the submitted information and provides a summary of the completed application. A check box is provided to certify that all information provided is accurate. At this point, the applicant may submit or return to a previous page to make corrections, if required.



5.20 After clicking the submit button, the EZPay+ payment module will be displayed, prompting payment of the application fee.

5.21 Upon receipt of the application fee via direct debit or the Government of Barbados’ EZPay+ platform, the application is administratively reviewed by the Energy Division of the MEB to ensure that all required documentation have been uploaded, and the form can be assessed.

5.22 At this point the validation document is issued by the MEB and technical reviews by the GEED, BLPC and MEB are initiated.

5.23 Applicants are encouraged to provide all required information and documentation, and to ensure the validity of all documents to avoid delays in the processing of their applications.

- 5.24 Once the Technical Reviews by the GEED, BLPC and MEB are completed along with financial due diligence as required, the application can be forwarded to the EAC. The EAC reviews all applications and makes recommendations to the Minister. In completion of this duty, they may request additional information from the MEB.
- 5.25 The Minister can reject, approve, or for applications which require-planning permission, issue a conditional approval. The application is then routed to the PDD, which completes the permitting and approval process if planning permission has been granted.
- 5.26 Approval of an application prompts a notification to the applicant with the requisite license issuance fee and payment instructions. Payment of the licence fee automatically triggers the issuance of the licence through the portal. Upon receipt of the licence, the licensee will enter the storage queue.

## **6. OVERSUPPLY OF GRID CAPACITY**

- 6.1 The Electric Light and Power Act (ELPA) provided a 20 year licence and the FTC determined a fixed feed-in-tariff which made the installation of a solar photovoltaic (PV) system a very attractive and bankable investment. As a result, the capacity of distributed generation on the grid has grown to approximately 100MW. This high penetration of intermittent renewable energy can impact grid stability and has necessitated the utility BLPC to pause the interconnection of RE systems to the grid until grid stability is enhanced through the connection of BESS.
- 6.2 The Ministry of Energy and Business would like to thank the public for choosing to invest in solar PV systems. However, it should be noted that solar PV systems are just one technology in Barbados' sustainable energy mix. The Integrated Resource and Resiliency Plan (IRRP) specifies the technologies and capacity limits for each technology as Barbados transitions to 100% RE under the Barbados National Energy Policy. The investment in solar PV systems has been so great that the limits set by the IRRP have been exceeded, consequently, the portal has been closed for applications for Generation Licences where the RE technology is a solar PV system. For the avoidance of doubt, the portal remains open for any applicant seeking a Generation Licence for onshore wind, biomass, and waste-to-energy technologies.
- 6.3 Oversupply of capacity can result in higher electricity prices and higher cost of living at a national level, and loss of investment at an individual level. While solar PV systems remain an attractive investment for the individual, there is a higher cost which the country pays due to the intermittent nature of solar energy as battery storage must be provided at a greater expense. The Government of Barbados, through the MEB is committed to a safe, just and

equitable transition which not only benefits the economy but involves and empowers every citizen of Barbados.

## 7. THE GENERATION AND STORAGE QUEUES

7.1 The MEB is aware that the closure of the portal to solar generation applications will no doubt cause concern among licencees and applicants. The MEB wishes to inform licensees that a system has been implemented to prioritise the onboarding of licensed systems.

7.2 The MEB has carefully considered the number of applications in the system, the number of licences issued and the limits for the different generation technologies set under the IRRP. It is the intention of the Ministry, based on this information, to create queues where applications are ranked and prioritised using clearly stated criteria to ensure a fair allocation of the available capacity on the grid.

## 8. QUEUE REQUIREMENTS FOR THE GENERATION AND STORAGE QUEUES

### Queue and Reporting Elements

8.1 A transparent approach to the queues for generation and storage will be central for the orderly allocation of capacity and reporting on the availability of said capacity. Generation and storage will each have two queues: (a) award of a licence (pre-licensing) and (b) connection of a licensed or registered system to the grid (post-licensing).

8.2 The **pre-licensing queue** will start with the validation of the application and end with the issuance of a licence or registration certificate. The **post-licensing queue** will begin with the issuance of a licence/registration certificate, and the exit point (plug-in of a meter) will be the connection of the licensed or registered system to the grid.

### Priority in the Queue

8.3 The rationale for position in the storage pre-licensing queue prioritises investments and generation plants that are connected and curtailed, as well as those which have been constructed and licensed or registered, but are yet to be connected, in addition to licensees who have not yet completed installation of their solar PV systems but have satisfied the necessary requirements to procure and install capacity. Hence, the priority would be as follows:

- 1) Licensed installed generation systems which are currently being curtailed and propose to provide storage.

- 2) Licensed installed generation systems located in areas with a high penetration of variable renewable energy and propose to provide storage.
- 3) Standalone storage in an area of high penetration of variable renewable energy.
- 4) Licensed installed generation systems which are not connected and propose to provide storage.
- 5) Licensed installed generation systems which have paid on an estimate to the BLPC and are awaiting equipment, and which propose to provide storage.
- 6) Licensed installed generation systems that are located in stable areas of the grid and can be connected to the grid safely.
- 7) Generation Licencees who are yet to procure or complete installation of their generation systems for connection to the grid.
- 8) Applicants with conditional approval for a licence to supply electricity to the grid and who meet 100% of the requirements to enter the queue and propose to provide storage.
- 9) Applicants for a licence to supply electricity to the grid who meet 100% of the requirements to enter the pre-licensing queue.

### **Queue Requirements for Post-Licensing and Connection**

#### **8.4 Administration:**

- Storage Licence or Conditional Approval
- Registration Certificate or Householders Right to Renewable Energy Certificate

#### **8.5 Legal:**

- Leases or Land/Property Conveyances/Deeds
- Legal Structure – [For Energy Companies]
- Feed-in-Tariff approval
- PPA agreements with BLPC
- Connection Agreement

#### **8.6 Technical:**

Equipment Installation Reports

- Proof of Equipment Procurement:
  - Proof of payment – Receipt, invoice or documentation from supplier indicating payment for equipment;
  - Bill of lading, broker’s letter or other shipping document indicating equipment location in the supply chain
- Technical documents as specified at 5.16 and 5.17, where applicable.
- GEED Commissioning documentation
- BLPC technical interconnection agreement
- BLPC meter connection number assigned to the generation system
- Final quantity surveyor’s or valuation report as required by the bank or financial institution.

**8.7 Financial:**

- Financial Institution Letter of Funds (Loan agreement documents etc.)
- If funding is 100% from private sources – letters from the financial institutions of the private funder indicating availability of funds.
- For energy companies in operation for 3 years - audited financial statements for the last 3 years. Where companies have been in operation for less than 3 years, audited financial statements for the period and a letter of availability of funds from a financial institution or investor’s banker’s letter.
- For non-energy companies and individuals, the financial viability of the submitted project will be evaluated in accordance with the requirements as stated under the applicable sub-section of 5.18 (financial information for non-energy companies).
- Quantity Surveyor or Valuation Report as required by Banker/Financial Institution.

**Milestones and Timeframes**

8.8 For storage systems, the timeline for commissioning and connection to the grid is over a period of 30 months. The MEB proposes the following milestones and timelines between licensing and interconnection to the grid which include but are not limited to:

- Signing of the PPA: 9 months
- Procurement of the BESS: 8 months (17-month mark)
- Delivery to the Bridgetown Port: 3 months (20-month mark)

- Clearance from the Bridgetown Port and submission of the final BSSMP:  
1 month (21-month mark)
- Installation: 3 months (24-month mark)
- Commissioning: 6 months (30-month mark)

8.9 All licensees will be required to submit status reports on the progress of their projects after 12, 18 and 30 months. Failure to commission and connect within a 30-month period will result in a reassessment of the applicant's position in the queue.

8.10 **The Ministry wishes to inform that it reserves the right to update this document as deemed necessary.**

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