



PUBLIC NOTICE

INDEPENDENT REGULATORY COMMISSION (IRC)

For the Electricity Sector in the Commonwealth of Dominica

ELECTRICITY SUPPLY ACT No.10 of 2006 (ESA)

Application for Generation Licence

The public is advised that pursuant to **Section 30 of the ESA, Dominica Geothermal Development Company Limited (DGDC)** has submitted an application to the Commission for the grant of a **Generation Licence to operate a 5MW energy storage system, to be located at Fondcole.**

A request has been made to be interconnected to the National Grid

Interested parties may access the details of the Application on the IRC's website www.ircdominica.org or obtain a copy from the IRC's office at

42 Cork Street

Roseau

Tel. 440 6634 / 35/ 4407247

Comments on the Application are to be submitted to the IRC by **March 20th 2021.**

JUSTINN KASE

EXECUTIVE DIRECTOR

Independent Regulatory Commission



Tel: (767) 448-6178 / 79
USA: (203) 903-0288
Skype: DGDC Office
www.geodominica.dm
Email: info@geodominica.com
P. O. Box 1454, 18 Kennedy Avenue,
Roseau, Commonwealth of Dominica

11th January 2021

The Executive Director
Independent Regulatory Commission
P.O. Box 1687
42 Cork Street
Roseau



Dear Sir

Application for Licence for Battery Energy Storage System

By way of this application the Dominica Geothermal Development Company (DGDC) formally requests the granting of a licence in accordance with Section 21 (1) (b) of the Electricity Supply Act 2006, authorising it to operate a 5 MW battery energy storage system to be located at Fond Colé and interconnected with the DOMLEC electricity network. It is intended that the facility will be operated on a continuous basis as spinning reserve to provide voltage and capacity support to the network and so enhance its reliability.

We have provided the information requested to facilitate your processing of this application. Please do not hesitate to contact us for additional detail if required.

Your assistance is much appreciated.

Yours truly,

Fred John
Managing Director

cc: The General Manager, DOMLEC

enc.

Schedule 3 Application for Licence - Part A

Section A - 1:

1. Name of Applicant: Dominica Geothermal Development Company Limited.

Individual Company Partnership

2. Postal Address: P. O. Box 1454
Roseau

3. Street Address: 18 Kennedy Avenue
Roseau

4. Telephone No: 767 448 6178

5. Email: info@geodominica.com

6. Address/location where Generator is to be installed:

Fond Colé, near the DOMLEC power station.

Section A - 2:

1. Has the Applicant ever applied for a licence or registration under any Act in Dominica and been refused? YES NO

2. Has the Applicant ever been granted a licence under any Act in Dominica?
 YES NO

If Yes - provide detail: Licence granted for a 10 MW geothermal power plant at Laudat; cited as "DGDC Generation Licence 2021".

3. Has the Applicant ever been granted a licence under any Act in Dominica which has been subsequently revoked?
 YES NO

4. Has any connected person previously been granted a licence under any Act in Dominica which has been subsequently revoked?
 YES NO

5. Is the Applicant the holder of a licence or engaged in any related business in any other country? YES NO

6. Has the applicant or any connected person been refused a licence or had a licence revoked in any other country?

YES NO

7. Has the Applicant ever -

(a) Been the defendant or respondent in any proceedings in any court in any jurisdiction worldwide involving fraud?

YES NO

(b) At any time declared bankruptcy or made a voluntary assignment in bankruptcy?

YES NO

8. Has the Applicant, or any director or executive officer of the Applicant, ever pleaded guilty or been found guilty under any law of Dominica or any other country of any offence involving dishonesty, fraud or theft?

YES NO

9. Has the Applicant, or any director or executive officer of the Applicant, ever been convicted of any criminal offence not specifically mentioned?

YES NO

10. Is the Applicant, or any director or executive officer of the applicant, currently the subject of a charge or indictment under any law of Dominica or any other country for contravention of any law or for any conduct mentioned earlier?

YES NO

11. Has any claim been made successfully, or is there any claim pending, in any civil matter before a court or other tribunal in Dominica or any other country which is based in whole or in part on fraud, theft, deceit or misrepresentation against the Applicant, a director or executive officer of the Applicant?

YES NO

Section A - 3:

Company information requested under this section has already been supplied to the IRC in a previous application.

Section A - 4:

We Dominica Geothermal Development Company Limited Declare that we are not disqualified from being granted a licence by reason of any legal impediment. We possess the technical qualifications to fully perform the obligations imposed by the licence. We satisfy the financial requirements for the construction and operation of the facility or provision of service to which this application relates.

We are a fit and proper person to be granted a licence.

All information submitted in favour of this application is true and correct. We understand that approval for the grant of a Licence by the Independent Regulatory Commission in respect of this application would be based on information as declared herein. We understand that, if we knowingly make any false statement in this application, any licence granted pursuant to this application may be revoked.

A handwritten signature in black ink, appearing to read 'Fred John', written over a dotted line.

Fred John

Managing Director,
Dominica Geothermal Development Company Limited

January 11, 2021

Schedule 4 Application for Generation Licence (for connection to the public electricity supply system) - Part B

Section B - 1

1. Application is made for the operation of a grid connected battery storage system which will allow the displacement of a spinning reserve diesel set that would otherwise be required as backup to the proposed 5 MW sets of the geothermal plant. It is intended that the battery storage system will grid connect to DOMLEC's Fond Colé power plant, which is the central generation and switching location for the southern part of DOMLEC's network.

Technical information about the storage system is as follows:

- a. Prime Mover _____ (Battery energy storage system)
 - b. Date of Installation _____ estimated: July 2021.
 - c. Manufacturer _____ KEHUA, France
 - d. Capacity Rating (kVA) _____ 5,000 kVA
 - e. Single or Three Phase _____ three-phase
 - f. Frequency (50 or 60 Hz) _____ 50 Hz
 - g. Output Voltage _____ 11 kV
 - h. Fuel Type _____ (not applicable)
 - i. Est. Cost/ kWh (EC\$) _____ (not applicable)
 - j. kWh Generated/Mth _____ (not applicable)
 - k. Av. Fuel Cons/Mth (gals) _____ (not applicable)
 - l. Av. Oper. Hrs./Mth _____ continuous - 24/7
 - m. Location: The facility will be located at Fond Colé, near the DOMLEC power station. See APPENDIX 1
 - n. Plant Layout: See APPENDIX 2
2. Project profile / feasibility study:

The Battery Energy Storage System is an important component of the network upgrade to accommodate the 10 MW geothermal power plant being developed by the Government of Dominica through the DGDC. This component is intended to maintain spinning reserve equivalent to 5 MW on the network, while minimizing the use of diesel generators.

DGDC and DOMLEC have undertaken several technical assessments (conducted by ABB) to model network performance with the BESS and geothermal plant. The analyses confirmed that in order to ensure stability, it was necessary to maintain spinning reserve on the network, equivalent to 5 MW.

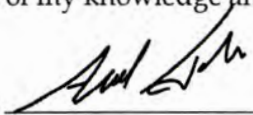
3. EIA, environmental permits:

An EIA for the project is included within the scope of the EPC contract. The required permits will be applied for on the basis of the outcome of the EIA study.

4. Additional information: see APPENDIX 3 for electrical schematic drawing.

I hereby represent that the information contained on this application is true and accurate to the best of my knowledge and belief.

Signature: _____

A handwritten signature in black ink, appearing to read 'Fred John', is written over a horizontal line.

Name: Fred John

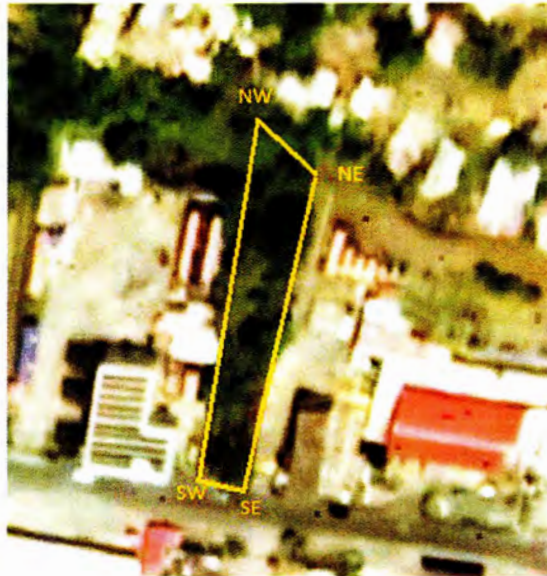
Company: Dominica Geothermal Development Company Limited

Date: January 11, 2021

APPENDIX 1

PLANT LOCATION

a) Satellite photo of project site



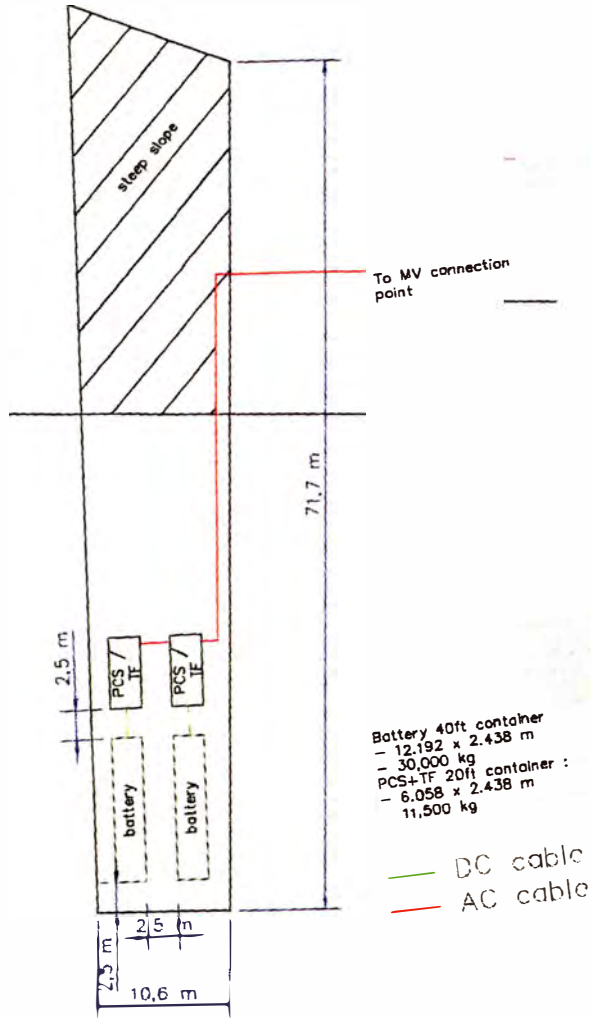
b) Planned location of BESS Plant



Site Location (in vegetated area) sandwiched between the two sections of the Fond Colé Power Plant

APPENDIX 2

PLANT LAYOUT



APPENDIX 3

PLANT ELECTRICAL SCHEMATIC

