



## Application for connection to the National Interconnected Transmission System (NITS)- Bulk Customer/Distribution Company

### Submission Addresses

Submit this form by fax to 0303-303322, email to [marketoperations@gridcogh.com](mailto:marketoperations@gridcogh.com) and mail to the following address:

The Chief Executive  
Ghana Grid Company Limited  
P.O. Box CS 7979 Tema

Attention: The Director System Operations

### 1 Contacts

Organisation Name	_____		
Mailing Address	_____		
Location	_____		
City	_____	Country	_____

*This form is to be used to identify the contacts of key personnel responsible for specific functions within your organisation and also to collect the following data on the Bulk Customer/ Distribution Utility's System.*

**Note: Where a specific contact is not identified, all communications will be directed to the Main Executive Contact.**

## 2 Prime Contact (Main Executive Contact)

Name	_____	Designation	_____
Cell phone	_____	Other Phone	_____
Email Contact	_____	Fax Number	_____
Date	_____	Signature	_____

## 3 Technical Contact Person

Name	_____	Designation	_____
Cell phone	_____	Other Phone	_____
Email Contact	_____	Fax Number	_____
Date	_____	Signature	_____

## 4 Financial/Commercial Contact

Name	_____	Designation	_____
Cell phone	_____	Other Phone	_____
Email Contact	_____	Fax Number	_____
Date	_____	Signature	_____

## 5 Legal Contact

Name _____	Designation _____
Cell phone _____	Other Phone _____
Email Contact _____	Fax Number _____
Date _____	Signature _____

## 6 Nature of Business

Mining <input type="checkbox"/>	Electricity Distribution <input type="checkbox"/>	Manufacturing <input type="checkbox"/>
Other <input type="checkbox"/>	Please specify _____	

## 7 Documentation

Do you possess documentation/licenses?		
Operating Licence from Energy Commission	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Grid Interconnection Feasibility Studies	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Environmental Protection Agency Licence	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Power Purchase Agreement(s)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<b><i>NB: Please attach a copy each of these documents to the completed Application Form</i></b>		

## 8 Bulk Customer/ Distribution Utilities' System Data

8.1 General Information
(a) Load build-up curve (in the case of a new connection);
(b) Supply date start (start of load build-up);

- (c) Load type (residential, commercial, factory, etc);
- (d) Annual load factor;
- (e) Power factor;
- (f) Special requirements (e.g. Quality of supply);
- (g) Other information required to enable the ETU provide a Grid Participant with an appropriate supply.

8.2 The electrical diagrams and connection point drawings of the Grid Participant System and the Connection Point. The diagrams and drawings shall indicate the quantities, ratings and operating parameters of the following:

- (a) Equipment (e.g. transformers, circuit breakers, motors and drives, etc);
- (b) Electrical circuits (e.g. Overhead lines and underground cables);
- (c) Substation bus arrangements;
- (d) Grounding arrangements;
- (e) Phasing arrangements;
- (f) Switching facilities.

8.3 If Grid Participant system has embedded generating plants, the short circuit contribution of the embedded generating plants shall be provided by the Distribution Utility or Bulk Supply customer. The short circuit currents shall be calculated in accordance with the IEC Standards or their equivalent national standards.

Signed:

Name of Responsible Officer:

Designation:

Place:

Date:

## Schedule A

### 9 Guidelines for Open Access to NITS to the Grid Participant

1. An application for connection to the NITS shall be made to GRIDCo in the prescribed application format as well as confirmation of acceptance or terms and conditions.
2. The application shall be addressed to  
The Chief Executive Officer  
Ghana Grid Company Limited  
P.O Box CS 7979  
Tema  
Tel: +233 303 302369  
Fax: +233 303 303322  
E-mail: [marketoperations@gridcogh.com](mailto:marketoperations@gridcogh.com)
3. The following shall be attached to the application:
  - I. Non-refundable application fee through Bank draft of US\$5,000 drawn in favour of Ghana Grid Company Limited  
  
**Bank Details**  
  
Account Name: Ghana Grid Co. Ltd  
Bank: Ecobank, Tema Branch,  
Account Number: 0012084421283801  
Swift: ECOCHAC
  - II. Confirmation of acceptance of terms and conditions
4. The application form should be duly filled. An incomplete application shall not be processed and will be returned.

## Schedule B

### Terms and Conditions

1. The Applicant shall abide by the Electricity Transmission (Technical, Operational and Standards of Performance) Rules, 2008 (LI 1934), the Electricity Regulations, 2008 (LI 1937) and the National Electricity Grid Code, 2009.
2. The Applicant shall submit:
  - a. Connection proposal including all technical details and drawings, project schedule for construction and commissioning
  - b. Power Purchase Agreements
  - c. Grid Interconnection Feasibility Study Report
  - d. Date of commencement and duration for which open access is required.
3. GRIDCo shall carry out Grid Impact Studies (GIS) to evaluate the impact of the proposed development on the NITS. The studies will also determine whether the proposed Grid Participant's project is technically feasible and whether the project will require any system reinforcement.

These studies shall be conducted for the time frame for which open access is required taking into consideration demand and supply scenarios.

A draft report of the Grid Impact studies will be submitted to the applicant within thirty (30) days of receipt of completed application. The report will indicate either conditional/unconditional approval or disapproval with reasons. After receiving the Applicants feedback on the draft report, GRIDCo will produce final GIS report with twenty (20) days after receipt of feedback.

4. If open access can be granted without system reinforcement (as will be indicated in the GIS report) a Connection MOU shall be signed with GRIDCo.
5. The Applicant shall submit to GRIDCo within 30 days after signing the Connection MOU detailed Planning Data pertaining to the connection proposal as specified in the Planning Sub- Code of the Grid Code.
6. The Applicant may anytime thereafter commence construction of the facility.
7. The Applicant shall negotiate and execute a Connection Agreement (CA) with GRIDCo. This Agreement shall however only come into force after the

satisfactory construction and commissioning of the facility and issuance of a Certificate of Approval by GRIDCo.

8. In case open access cannot be granted without system reinforcement, (as will be indicated in the GIS results), the applicant shall within 30 days of receipt of the result of system studies, give a confirmation for the development of facility for system strengthening. Furthermore, the applicant shall within 90 days arrange for financing and construction of same including signing Connection MOU, Connection Agreement (CA) and Transmission Service Agreement (TSA).

While communicating confirmation of development, the applicant may request GRIDCo to implement the same for which GRIDCo shall indicate their consent and their terms and conditions within 60 days from receipt of request.

9. The Applicants may indicate whether it wishes GRIDCo to undertake additional technical studies and shall bear the cost of the additional technical studies.
10. The Applicant shall comply with the provisions of the Grid Code and Market rules in force from time to time.
11. The Applicant undertakes to provide reliable and efficient speech and data communication system to facilitate necessary communication, data exchange and supervisory control of the grid.
12. The Applicant shall indemnify GRIDCo for any loss or damage arising as a result of the study conducted by them.
13. The Applicant shall not transfer rights and obligations specified in the CA and TSA without prior approval by GRIDCo and shall be subject to payment of penalty as determined by the EC and GRIDCo.
14. The Applicant agrees that GRIDCo reserves the right to amend the above terms and conditions within the regulatory framework.

Signatory

Name \_\_\_\_\_

Designation \_\_\_\_\_

Seal \_\_\_\_\_

Place \_\_\_\_\_

Date \_\_\_\_\_