

**Grid Controller of India Limited  
(NLDC)**

**Procedure for  
Grant of Green Energy Open Access**

*Prepared in Compliance*

*to*

*Ministry of Power*

*Electricity (Promoting Renewable*

*Energy Through Green Energy Open Access) Rules, 2022 and  
Subsequent to Electricity (Promoting Renewable Energy Through  
Green Energy Open Access) Rules, 2023*

**May 2023**

This page has been intentionally kept blank

## Document Management Information

<b>Document Name</b>	Green Energy Open Access Procedure		
<b>Document ID</b>	NLDC/GOAR/2022-23/Rev 2		
<b>Rev No.</b>	2	<b>Date</b>	17 May 2023
<b>Classification</b>	Internet		
<b>Document Modification</b>			
<b>Revision No</b>		<b>Date of Issue</b>	
02		17.05.2023	
01		17.11.2022	
00		14.09.2022	

This page has been intentionally kept blank

# Table of Contents

- 1. ***Applicability and Scope of the Procedures.....6***
- 2. ***Roles and Responsibility .....6***
- 3. ***Connectivity:.....9***
- 4. ***Registration.....9***
- 5. ***Submission of Application for availing Green Energy Open Access .....10***
- 6. ***Reporting and Information Systems.....11***
- 7. ***Revision of Procedure .....11***
- 8. ***Applicable Fees and Charges .....11***
- 9. ***Energy Banking.....11***
- 10. ***Treatment of Losses .....11***
- 11. ***Connectivity and General Network Access to the inter-state Transmission System.....12***
- 12. ***Indemnification .....12***
- Format-A.....13***
- Format-B1.....14***
- Format-B2.....15***
- Format-B3.....17***

## PROCEDURE FOR GRANT OF GREEN ENERGY OPEN ACCESS

### 1. Applicability and Scope of the Procedures:

- 1.1. This procedure is in accordance with the clause 7.1 of the Electricity (Promoting Renewable Energy Through Green Energy Open Access) Rules, 2022 and amendment thereof notified by Ministry of Power, herebyreferred as “Rules”.
- 1.2. Under these Rules Central Nodal Agency (CNA) for Green Energy Open Access (GOAR) shall be designated by Ministry of Power. POSOCO has been designated as the Central Nodal Agency (CNA) vide Extra ordinary Gazette dated 08<sup>th</sup> July, 2022.
- 1.3. The procedures shall apply for registration and applications made for grant of Green Energy Open Access by availing Long Term Access, Medium Term Open Access, and Short-Term Open Access, as the case may be, at interstate and intrastate level for the use of the transmission lines or associated facilities with such lines.
- 1.4. All information related to approvals, rejections, revisions, curtailment etc. shall be made available to the respective participants through the web-based portal for Green Energy Open Access which shall act as a central registry.
- 1.5. GOAR portal is the single window portal to register and apply for the Green Energy Open Access.
- 1.6. The rules will be applicable for all types of renewable energy sources as may be notified by the Government of India from time to time and shall also include any mechanism that utilizes green energy to replace fossil fuels including production of green hydrogen or green ammonia as per provision of clause G of sub-rule (2) of rule 4 of the said Rules.

### 2. Roles and Responsibility

#### 2.1. **Role of Central Nodal Agency (CNA):**

- a) CNA shall operate and maintain the Green Energy Open Access (GOAR) portal.
- b) CNA shall facilitate exchange of information with the respective nodal agencies, as designated by the Appropriate Commission for grant of Green Energy Open Access.

Provided that till such time nodal agencies are designated by the Appropriate Commission, the following agencies shall be the nodal agencies:

- i. Central Transmission Utility for Long Term Access and Medium Term Open Access at interstate level.
- ii. State Transmission Utility for Long Term Access and Medium Term Open Access at intrastate level.
- iii. Regional Load Despatch Center for Short Term Open Access at interstate level where the drawal point is situated.

iv. State Load Despatch Center for Short Term Open Access at intrastate level.

c) CNA shall facilitate the registrations of grid connected entities, trading licensees and Power Exchanges, intending to avail Green Energy Open Access through the portal.

Provided further that, if the concerned grid connected entity or Power Exchanges or trading licensees are already registered on NOAR, they shall not be required to register again on GOAR portal.

**2.2. Role of Regional Load Despatch Centre (RLDC):**

a) The nodal agency for registration and approval of bilateral transactions at interstate level shall be the Regional Load Despatch Centre (RLDC) of the region where point of drawl of electricity is situated.

b) The concerned RLDC shall process the registrations of grid connected interstate entities situated in the respective region intending to avail interstate Green Energy Open Access under short term open access in accordance with the Green Energy Open Access Rules and the extant CERC regulations/procedure thereunder.

c) The nodal RLDC shall process the bilateral short term Green Energy Open Access applications at interstate level.

**2.3. Role of Central Transmission Utility (CTU):**

a) CTU shall be the nodal agency for processing of long term and medium term Green Energy Open Access applications and update the same in the Green Energy Open Access portal in accordance with the Green Energy Open Access Rules and the extant CERC regulations/procedure thereunder.

b) The CNA shall provide the registration information and applications details as received in the GOAR portal to CTU for processing.

c) CTU shall collect additional information, if any after the registration of grid connected interstate entities intending to avail interstate Green Energy Open Access under Long Term and Medium Term Open Access, while processing the application.

d) After processing of Green Energy Open Access applications as per the stipulated timelines, CTU shall provide all information pertaining to approval, modification and/or rejection in respect to each application through GOAR portal.

**2.4. Role of State Load Despatch Centre (SLDC):**

a) The concerned SLDC shall be the nodal agency for registration of the intra state entities intending to avail interstate or intra state Green Energy Open Access.

b) The nodal agency shall provide standing clearance/concurrence for the intra state entities

intending to avail intrastate or interstate Green Energy Open Access.

- c) The nodal agency shall process bilateral short term Green Energy Open Access applications at intra state level where the point of injection and drawal both are located within the control area jurisdiction of the nodal agency. The nodal SLDC shall process the registration and the bilateral short term Green Energy Open Access applications in accordance with the Green Energy Open Access 2022 and the extant SERC Regulations and procedures thereunder.
- d) The nodal agency shall process the applications for availing interstate Green Energy Open Access as per the extant Rules and CERC Regulations.
- e) All the information pertaining to registration and processing of application shall be updated by the nodal agency on the Green Energy Open Access Portal.

**2.5. Role of State Transmission Utility (STU):**

- a) The concerned STU shall be the nodal agency for processing all bilateral long term and medium term Green Energy Open Access applications at the intra state level.
- b) The CNA shall exchange the registration and application information with the STU in respect of the registered participants at GOAR Portal.
- c) STU shall collect additional information required if any, in respect of the application for grid connected intra state entities intending to avail intra state Green Energy Open Access under Long Term and Medium Term Open Access, while processing the application. These applications shall be processed as per the extant Rules and SERC Regulations.
- d) Any information sought by CTU for processing of interstate Long Term and Medium Term Open Access pertaining to intrastate entity shall be furnished by the concerned STU.
- e) All the information pertaining to processing of application shall be updated by the nodal agency on the Green Energy Open Access Portal.

**2.6. Role of DISCOMS/Distribution Licensee**

- a) The concerned DISCOM/Distribution Licensee shall facilitate nondiscriminatory open access to its embedded entities as per extant Rules and Regulations by Appropriate Commission (CERC/SERC).
- b) While seeking Green Energy Open Access by embedded entities, DISCOMs shall process clearances and send to the nodal agency of the state as per extant Regulations (CERC/SERC).

**2.7. Role of other applicable entities**

Any other applicable entities such as Qualified Coordinating Agency (QCA), Solar Power Park Developers (SPPD), Wind Power Park Developers (WPPD) etc. shall abide by the extant regulations of CERC and/or SERC as applicable.



### 3. **Connectivity:**

Any new entity shall obtain connectivity to the grid (interstate/intrastate) prior to making an application for registration in the GOAR portal as per the extant CERC/SERC regulations as may be applicable.

### 4. **Registration:**

Once the connectivity has been obtained by the entity, an application for registration shall be made on the GOAR portal as per the following:

- a) Applicant shall set a username and password which would be used by the applicant for all activities to be carried out through the Green Energy Open Access portal.
- b) Applicant shall furnish the details as per Format A for the purpose of registration with the CNA.
- c) The applicant shall e-verify all details and submit the filled in application in the GOAR portal.
- d) The grid connected entities shall be able to make an application for seeking Green Energy Open Access, only after the registration process is complete in all respects.
- e) In case of a regional entity, the application for registration shall be processed by the concerned RLDC and for intra state entity, the application will be processed by the concerned SLDC. Concerned RLDC shall process the applications of regional entities within 7 working days for new applications and within 3 working days for renewal of registration through the GOAR portal.
- f) In case of an intra state entity, the application for registration shall be processed by the concerned SLDC. The concerned SLDC shall process and recommend the applications of intrastate entities within 5 working days for new applications and within 2 working days for renewal of registration through the GOAR portal.
- g) In case of an intrastate entity, RLDC shall process the applications for registration for Green Energy Open Access within 2 working days as per the recommendation of the SLDC for the new registration application and 1 working day for the renewal of registration through the GOAR portal.
- h) CNA shall process the applications for registration for interstate electricity trader and power exchanges, applying on behalf of grid connected entities, within 7 working days for new applications for registrations and within 3 working days for renewal of registration through the portal.
- i) After the receipt of application for registration, respective nodal agency, as the case may be, shall conduct a preliminary scrutiny to ensure application is complete in all respects. In case of any discrepancy / short coming / requirement of any further information, the concerned nodal agency shall intimate the applicant through the portal for rectification of the deficiency within a period of 2 working days. In case the applicant does not respond within a period of 2 working days with the required details to the concerned nodal agency, the registration request shall

be disposed of.

- j) The registration shall be valid for a period of 3 years and shall be renewed thereafter for a period of 3 years and concerned entity shall initiate the process of renewal of registration at least 1 month in advance, to avoid any discontinuity.
- k) In case of any change in the information provided by the applicant it shall be incumbent upon the applicant to update the information in the portal.
- l) If the SLDC, has not communicated any deficiency or refusal of registration, after receipt of application complete in all respects within the specified period of five (5) working days for new application and two (2) working days for renewal, from the date of application, as the case may be, the registration will be automatically forwarded to the respective RLDC for the review and processing.
- m) The open access customer shall ensure that all details are correct, failing which, the registration may be cancelled/denied by the concerned nodal agency.

#### **5. Submission of Application for availing Green Energy Open Access**

- a) An application for availing Green Energy Open Access can be made through the portal only by the registered entities.
- b) The application for availing Green Energy Open Access shall furnish the details as per Format-B1/B2/B3 as applicable.
- c) Any consumer who has contracted demand or sanctioned load of 100 kW or more except for the captive consumers shall be eligible for Green Energy Open Access.
- d) Provided that in case of captive consumers there shall not be any load limitations.
- e) The concerned nodal agency shall approve the applications for the Green Energy Open Access within a period of fifteen days from the date of application, failing which it shall be deemed to have been approved subject to the fulfilment of the technical requirements as specified by the appropriate Commission.
- f) The order of processing of applications for Green Energy Open Access shall be first in first out.
- g) The Short Term and Medium Term Open Access shall be allowed, if there is sufficient spare capacity available in the transmission system without any augmentation whereas for Long Term Open Access, the transmission system may be augmented, if required.
- h) Priority of processing of applications shall be given to the Long Term customers in the existing system if spare capacity is available and further, open access for non-fossil fuel sources shall be given priority over the open access from the fossil fuel by CTU/STU as the case may be.
- i) No application for open access shall be denied unless the applicant has been given an opportunity of being heard in the matter and all orders denying open access shall be speaking

orders by the concerned nodal agency.

## **6. Reporting and Information Systems:**

- a) All information pertaining to grant of Green Energy Open Access shall be furnished electronically by the respective nodal agencies to the Central Nodal Agency as per timelines after the grant or denial of Green Energy Open Access.
- b) The Green Energy Open Access portal shall keep records of all MIS related information and shall have provisions for providing periodic reports.

## **7. Revision of Procedure**

The Central Nodal Agency shall revise/amend this procedure, if required, after due consultation with the stakeholders, in accordance with Green Energy Open Access Rules 2022.

## **8. Applicable Fees and Charges:**

The charges to be levied on Green Energy Open Access consumers shall be as follows: -

- (a) Transmission charges;
- (b) Wheeling charges;
- (c) Cross Subsidy Surcharge;
- (d) Standby charges wherever applicable; and
- (e) Banking Charges
- (f) Other fees and charges such as Load Despatch Centre fees and scheduling charges, deviation settlement charges as per the relevant regulation of the Commission

The charges shall be as per the Rules and the extant CERC/SERC regulations.

## **9. Energy Banking**

- a) Banking shall be permitted at least on a monthly basis on payment of charges to compensate additional costs, if any, to the distribution licensee by the Banking and the Appropriate Commission shall fix the applicable charges.
- b) The permitted quantum of banked energy by the Green Energy Open Access consumers shall be at least thirty percent of the total monthly consumption of electricity from the distribution licensee by the consumers.
- c) Energy Banking provisions shall be governed by as per extant SERC and CERC regulations.

## **10. Treatment of Losses**

Treatment of losses shall be as per the extant SERC and/or CERC regulations as applicable.

## **11. Connectivity and General Network Access to the inter-state Transmission System**

- a) CERC has notified “The Central Electricity Regulatory Commission (Connectivity and General Network Access to the inter-State Transmission System) Regulations, 2022.
- b) The procedure and formats for processing of Long Term and Medium Term Open Access application will be replaced by the provision of GNA.
- c) The procedure and formats of processing short term applications will be replaced by the provisions of T-GNA regulations.

## **12. Indemnification**

The applicant shall keep each of the SLDCs/RLDCs/NLDC/STUs/CTU indemnified at all times and shall undertake to indemnify, defend and save the SLDCs/RLDCs/NLDC/STUs/CTU harmless from any and all damages, losses, claims and actions including those relating to injury to or death of any person or damage to property, demands, suits, recoveries, costs and expenses, court costs, attorney fees, and all other obligations by or to third parties, arising out of or resulting from the transactions.

**Application for Registration (to be filled online)**

1. Applicant type: Distribution Licensee/ State Genco/ IPP / Merchant Plant/ CPP/ OA consumer/ Trading Licensee/ Power Exchange/ Others
2. Consumer Identification number (as applicable):
3. Type of Renewable Source (as recognized by Govt of India/MNRE):
4. Date of commissioning (with supporting document):
5. Applicant Name:
6. Postal Address:
7. Control area: SLDC/RLDC (wherever applicable)
8. Region: ER/NER/NR/SR/WR (wherever applicable)
9. Type: Injecting/ Drawee/ Both /Trading Licensee /Power Exchange (as applicable)
10. SLDC Charges applicable(Y/N): If no, upload certificate from SLDC
11. STU Charges applicable(Y/N): If no, upload certificate from STU/SLDC
12. Connectivity: Connected to State Transmission network/ISTS network/Both (upload connectivity diagram)
13. COD certificate: Applicable for generating station (upload COD certificate copy)
14. State (Geographical location for grid connected entity where ISTS charges are levied):
15. Nodal person: Name, mobile number and email id
16. GST number: Upload GST registration copy
17. PAN and TAN number: Upload PAN card copy, TAN registration copy
18. Bank account number: Upload cancelled cheque or copy of passbook
19. Bank name:
20. Bank IFSC code:
21. Bank address:
22. Trading licensee details: Upload trading license
23. Additional details, if any with supporting documents needed by the nodal agency to be furnished in accordance with the extant CERC/SERC regulation:

**Application for availing Inter State Bilateral Green Energy Open Access: Short Term**

1	Application No.		Date		
2	Applicant Name		Registration Code		
3	Applied on behalf of				
4	Type of applications (Advance, FCFS, Day Ahead, Contingency)				
5	Scheduling Request	Date		Hours	MW at the regional periphery
		From	To		
6	Name of the entity	Injecting entity		Drawee entity	
7	Entity in which it is embedded				
8	Concerned SLDC/ RLDC				
9(a)	Applied route (from Injection region to Drawal region) (e.g. – NR-SR, WR-SR etc.)				
9(b)	Alternate route(s) (e.g. – NR-WR-SR etc.)				
10	In case of portfolio sale from the Distribution Licensee, specify the following: a) Name of the Injection Source (s): b) Type of Renewable Source [Solar/Wind/Hydro/Other Renewable (e.g.: Geo-Thermal, Small Hydro, Waste to Power, Tidal, Biomass, Bagasse)]:				
11	Whether the Transaction type is Captive? (Yes/No) (Supportive Document)				
12	Whether the transaction is for meeting RPO? (Yes /No) (applicable for injection from RE source)				
13	Whether the power is procured under competitive bidding? (Yes/No)				

- i) Declaration: The provisions of the Electricity Act 2003, Indian Electricity Grid Code and all applicable CERC regulations with respect to short term open access transactions in inter-state transmission, as amended from time to time are hereby understood and shall be binding.
- ii) Indemnification: The applicant shall keep each of the SLDCs/RLDCs/NLDC/STUs/CTU indemnified at all times and shall undertake to indemnify, defend and save the SLDCs/RLDCs/NLDC/STUs/CTU harmless from any and all damages, losses, claims and actions including those relating to injury to or death of any person or damage to property, demands, suits, recoveries, costs and expenses, court costs, attorney fees, and all other obligations by or to third parties, arising out of or resulting from the transactions.

**Application for availing Intra State Bilateral Green Energy Open Access: Long Term, Medium Term and Short Term**

1. The (Name and address of Nodal agency)
2. Application No.
3. Name of the Applicant
4. Address for Correspondence: Phone No. (Off) Email id
5. Category of the applicant: Trading Licensee/Consumer/Generator/Distribution Licensee/Power Exchange/other
6. Type of open access: Long Term Open Access/ Medium Term Open Access/Short Term Open Access (Please mark appropriately)
7. If applicant is Trading Licensee/Power Exchange, application on behalf of:
8. Type of Entity:
  - a) In case of Portfolio sale from Distribution Licensee, please specify the following:
    - i) Name of the Injection Source (s):
    - ii) Capacity of the plant (in MW)
    - iii) Type of Renewable Source [Solar/Wind/Hydro/Other Renewable (e.g.: Geo-Thermal, Small Hydro, Waste to Power, Tidal, Biomass, Bagasse)]
  - b) Other sources, if any, not covered under (a): (to be specified) .....  
(Licensees to submit a copy of license valid under the Act by Distribution Licensee. Others to submit documentary evidence in support of above)
9. Details of nodal on behalf of the Applicant:  
Name, Designation, Phone Numbers, Mobile, E-Mail Address
10. Capacity Applied:

Date		Hours		MW
From	To	From	To	

11. Injecting Entity Details:
 

Name:

Point of Injection:

Name of Concerned SLDC/ALDC:

ABT Meter already Installed: Yes/ No

Real time communication facility with Licensee and/ or SLDC: Ready/Not Ready (as applicable)
12. Drawee Entity Details:
 

Name:

Point of Drawal:

Name of Concerned SLDC/ALDC:

ABT Meter already Installed: Yes/ No

Real time communication facility with Licensee and/ or SLDC: Ready/Not Ready (as applicable)

13. Name and details of other agencies involved, if any (e.g.: Distribution Licensee)
14. Whether the Transaction type is captive (Yes/No): (Supportive Document to be uploaded)
15. Non-Refundable Application Fee (please fill up the amount as appropriate) Long Term Open Access/Medium Term Open Access/Short Term Open Access:  
Bank Draft / Pay Order No./ RTGS or NEFT Reference Dated:  
In favor of:  
Payable at: (With Supporting document attached)
16. Additional details (if any) with supporting documents needed by the nodal agency to be furnished in accordance with the extant CERC/SERC regulation:
17. Other Terms:  
It is hereby certified that all agencies (including buyer, seller, trader etc.) to the transaction shall abide by the provisions of the State Electricity Regulatory Commission (Open Access) Regulations.
  - a) The Applicant hereby agrees to pay all the relevant charges applicable to him in terms of the State Electricity Regulatory Commission (Open Access) Regulations and Regulations under the Act.
  - b) The Applicant hereby agrees to keep the concerned SLDC, STU, Transmission Licensee and Distribution Licensee indemnified at all times and undertakes to indemnify, defend and save the concerned SLDC, STU, Transmission Licensee and Distribution Licensee harmless from any and all damages, losses, claims and actions relating to injury to or death of any person or damage to property, demands, suits, recoveries, costs and expenses, court costs, attorney fees, and all other obligations by or to third parties, arising out of or resulting from the transactions under this Approval.
  - c) Any other information / details that may be required by the concerned Transmission Licensee(s) /STU/ SLDC/ Distribution Licensee shall be provided promptly by the Applicant.

Place:

Dated:

Name:

Designation:



**Application for availing Inter State Bilateral Green Energy Open Access: Long Term and Medium Term**

1	Application No.		Date			
2	Applicant Name		Registration Code			
3	Applied on behalf of					
4	Scheduling Request	Date		Hours	MW at the regional periphery	
		From	To	From		To
5	Name of the entity	Injecting entity		Drawee entity		
6	Entity in which it is embedded					
7	Applied route (e.g.: NR-WR etc.)					
8	Whether the Transaction type is Captive (Yes/No) (Supportive Document to be uploaded)					

The application shall be redirected to CTU processing applications i.e., at National Single Window System (NSWS)