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भारत सरकार  
Government of India  
विद्युत मंत्रालय  
Ministry of Power  
केंद्रीय विद्युत प्राधिकरण  
Central Electricity Authority  
विद्युत प्रणाली योजना एवं मूल्यांकन प्रभाग-II  
Power System Planning & Appraisal Division-II

To,

All Stakeholders in power sector (through website of CEA)

**Subject: Procedure for approval and facilitating Import/Export (Cross Border) of Electricity by the Designated Authority.**

Sir,

Ministry of Power, Govt. of India have issued the "Guidelines for Import/Export (Cross Border) of Electricity-2018" vide office Memorandum No. 14/1/2017-Trans dated 18<sup>th</sup> December, 2018.

Further, Ministry of Power, Govt. of India vide its OM dated 24<sup>th</sup> December, 2018, had appointed Member (Power System), Central Electricity Authority as Designated Authority for carrying out the functions prescribed under the Guidelines. The Designated Authority was also mandated to lay down procedure for facilitating approval and other matters related to Import/Export (Cross Border) of Electricity between India and neighbouring countries.

Accordingly, the **Procedure for Approval and Facilitating Import/Export (Cross Border) of Electricity by the Designated Authority**, as approved by the competent authority in Ministry of Power, is enclosed herewith.

Yours faithfully,

  
(Pardeep Jindal)

Nodal Officer to the Designated Authority  
& Chief Engineer (PSPA-II)

Copy to:

1. Additional Secretary (IC/Trans/Th), Ministry of Power, New Delhi
2. Joint Secretary (Trans)/Joint Secretary (Hydro), Ministry of Power, New Delhi.
3. JS(North)/JS(BM)/JS(IOR)/JS(BSN), Ministry of External Affairs, New Delhi.
4. Secretary, CERC, New Delhi.
5. CMD, POWERGRID, Gurugram.
6. CMD, POSOCO, New Delhi
7. COO, CTU, Gurugram
8. CEO, NVVN, New Delhi.

**PROCEDURE**  
**FOR**  
**APPROVAL AND FACILITATING**  
**IMPORT/EXPORT (CROSS BORDER) OF ELECTRICITY**  
**BY**  
**THE DESIGNATED AUTHORITY**

(As per the Guidelines for Import/Export (Cross Border) of Electricity-2018)

**Central Electricity Authority**  
**Ministry of Power**  
**Government of India**  
**February, 2021**

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**Central Electricity Authority**  
**Office of Member (Power System)**  
**New Delhi**

**PROCEDURE FOR APPROVAL AND FACILITATING IMPORT/EXPORT (CROSS BORDER) OF ELECTRICITY BY THE DESIGNATED AUTHORITY**

**1. General**

- 1.1 Ministry of Power, Govt. of India have issued the "Guidelines for Import/Export (Cross Border) of Electricity-2018" on 18<sup>th</sup> December, 2018.
- 1.2 Further, Ministry of Power, Govt. of India vide its OM dated 24<sup>th</sup> December, 2018, had appointed Member (Power System), Central Electricity Authority as Designated Authority for carrying out the functions prescribed under the Guidelines.
- 1.3 The Designated Authority has been mandated to lay down procedure for facilitating approval and other matters related to Import/Export (Cross Border) of Electricity between India and neighbouring countries.
- 1.4 Accordingly, procedure for approval and facilitating Import/Export (Cross Border) of Electricity by the Designated Authority has been formulated.
- 1.5 Notwithstanding anything done or any action taken or purported to have been done or taken for import/export of electricity with neighbouring country(ies) shall be deemed to have been done or taken under provisions of the Guidelines and shall continue to be in place till the expiry of the existing contracts.
- 1.6 This Procedure will come into force from the date of its issue.

**2. Definitions and Interpretation**

- 2.1 Unless the context otherwise requires, the words and expressions used in this Procedure shall have the same meaning as defined in The Electricity Act 2003 and the Rules and Regulations made there under:
  - (i) 'Act' means The Electricity Act, 2003 as notified by the Government of India and as amended from time to time;
  - (ii) 'Authority of Neighbouring Country (ANC)' means authority of the neighbouring country responsible for all issues pertaining to

import/export (cross border) of electricity like planning, monitoring and commissioning of transmission lines; the grid security, safety and operation etc. (ref. clause 4.3 of the Guidelines);

- (iii) 'Applicant' means an Indian Entity who has made application to Designated Authority for obtaining approval to participate in Import/Export (Cross Border) of Electricity as participating entity or an Indian Generating Station opting to build dedicated transmission line for connecting to the transmission system of neighbouring country for supplying electricity exclusively to that country or an Indian Entity seeking approval for transmission of electricity through Indian Grid under tripartite agreement;
- (iv) 'Approval' means approval to the Applicant, under provisions of the Guidelines, by the Designated Authority;
- (v) 'Available Transmission Capability' or 'ATC' means the transfer capability, in MW, of the inter-control area transmission system available for scheduling cross-border transactions (through long-term access, medium-term open access and short-term open access) in a specific direction, taking into account the network security. Mathematically ATC is the Total Transfer Capability less Transmission Reliability Margin;
- (vi) 'CEA' means Central Electricity Authority referred to in the Act;
- (vii) 'CERC' means the Central Electricity Regulatory Commission referred in the Act;
- (viii) 'Cross Border Transmission Link' means the transmission link between the generating station or the pooling station of India with those of the neighbouring country, for cross border trade of electricity;
- (ix) 'CTU' shall mean Central Transmission Utility as defined in Section 38 of the Act;
- (x) "Dedicated transmission line" (ref clause 8.9 of the Guidelines) means the transmission line to be built by the Applicant for supplying electricity from generating station owned by the Applicant, exclusively, to the neighbouring country and connected to a specified point in the grid of the neighbouring country provided that the electricity system owned by the Applicant shall not be electrically or by any other means connected with the Indian grid;

- (xi) 'Designated Authority (DA)' means the Authority, as appointed by Government of India (GoI), in pursuance of the Guidelines. GoI has appointed Member (Power System), CEA as Designated Authority vide its OM dated 24-Dec-2018, under the Guidelines;
- (xii) 'Distribution Licensee' means a Licensee defined under Section 2 (17) of the Electricity Act, 2003;
- (xiii) 'Entity' means a company/ authority/ Board/ autonomous body/ Body Corporate/ juridical person (of India or of neighbouring country) which proposes to participate in Import/Export (Cross Border) of Electricity;
- (xiv) 'Financial year' shall mean the year commencing on the first day of April and ending on 31<sup>st</sup> March in subsequent year;
- (xv) 'Guidelines' shall mean the guidelines on Import/Export (Cross Border) of Electricity issued by Govt. of India on 18<sup>th</sup> December, 2018;
- (xvi) 'Implementing Agency' means an agency who is authorized by Government for implementing the part of cross border line in the respective country;
- (xvii) 'Indian Entity' means an Entity formed and registered in India under the Companies Act, 1956 or 2013, or as amended from time to time;
- (xviii) 'Interface Meter' shall have the same meaning as defined in Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006 as amended from time to time;
- (xix) 'Joint Operation Committee (JOC)' means a team comprising members from CEA, CTU, POSOCO from India side and members from neighbouring country to discuss and coordinate grid security, safety and operational issues in respect of cross-border exchange of electricity;
- (xx) 'Joint Technical Team – Transmission (JTT-T)' means a team comprising members from CEA, CTU, POSOCO from India side and members from neighbouring country to discuss and coordinate planning/ implementation /monitoring of cross border transmission lines and related matters;
- (xxi) 'Joint Steering Committee(JSC)' means a committee jointly constituted by governments of two countries and co-chaired by Secretaries of respective governments for cooperation in the field of electricity among the two countries;

- (xxii) 'Joint Working Group (JWG)' means a group jointly constituted by governments of two countries for facilitating cooperation in the field of electricity among the two countries;
- (xxiii) 'License' means a license granted under section 14 of the Act;
- (xxiv) 'Licensee' means a person who has been granted a license under section 14 of the Electricity Act, 2003;
- (xxv) 'Month' means a Calendar Month of Gregorian calendar;
- (xxvi) 'National Load Despatch Centre (NLDC)' means the Centre established under sub-section (1) of section 26 of the Electricity Act, 2003;
- (xxvii) 'Nodal Officer' means an officer of the rank of Chief Engineer in Central Electricity Authority as designated by the Designated Authority;
- (xxviii) 'Participating Entity' means the Entity who is participating in import/export (cross border) of electricity based on approval by the Designated Authority, or through bilateral agreement between Government of India and Government of the neighbouring country;
- (xxix) 'Power Exchange' is the institution for trading in electricity, registered under the Central Electricity Regulatory Commission (Power Market) Regulations, 2010;
- (xxx) 'Procedure' means procedure for approval and facilitating Import/Export (Cross Border) of Electricity by the Designated Authority;
- (xxxi) 'Quarter' shall mean a period of three months commencing on the first day of April, July, October and January in a Financial Year;
- (xxxii) 'Regional Power Committee (Transmission Planning)' or 'RPC(TP)' means the Regional Power Committees (Transmission Planning) established by Ministry of Power, Gol vide order dated 4<sup>th</sup> November, 2019 or amendments thereof.
- (xxxiii) 'Settlement Nodal Agency(SNA)' means the nodal agency as notified by Ministry of Power, Government of India for each neighbouring country for settlement of grid operation related charges;
- (xxxiv) 'System Operator' means an entity responsible for system operations, Scheduling and dispatch of electricity in the respective country. National Load Despatch Center (NLDC) shall act as System Operator from Indian Side;

- (xxxv) 'Transmission Access (LTA / MTOA / STOA)' shall have the same meaning as defined in relevant Regulations of CERC. (LTA: Long-term Access, MTOA: Medium-term Open Access, and STOA: Short-term Open Access);
- (xxxvi) 'Transmission Reliability Margin (TRM)' means the amount of margin kept in the total transfer capability necessary to ensure that the interconnected transmission network is secure under a reasonable range of uncertainties in system conditions;
- (xxxvii) 'Tariff Policy' means tariff policy issued by Govt. of India and as amended from time to time;
- (xxxviii) 'Total Transfer Capability' or 'TTC' means the amount of electric power that can be transferred reliably over the inter-control area transmission systems of India and neighbouring country under a given set of operating conditions considering the effect of occurrence of the worst credible contingency.

### **3. Objective**

#### **3.1 The objectives of this Procedure are:**

- 3.1.1 To facilitate coordination with nodal agencies/Authority of Neighbouring Countries (ANC) for transmission system planning, joint system studies, surveys, preparation of feasibility study reports, system development, construction, erection, monitoring, testing, commissioning, operation and maintenance of transmission system for Import/Export (Cross Border) of Electricity in transparent manner, etc.
- 3.1.2 To lay down procedure for safety, security and coordinated operation of the interconnected national grids.
- 3.1.3 To facilitate grant of approval to eligible entities to participate in Import/Export (Cross Border) of Electricity.
- 3.1.4 To lay down procedure for grant of approval to an Indian generating station, supplying electricity exclusively to neighbouring country for building a dedicated transmission line for connecting to the transmission system of neighbouring country.



#### **4. Cross border transmission links**

##### **4.1 Joint Technical Team – Transmission (JTT-T)**

4.1.1 For performing works related to development of cross-border links, the DA shall be assisted by Indian side of JTT-T.

4.1.2 Indian side of JTT-T shall comprise of Nodal Officer of DA as team leader and members from CTU and POSOCO. Representative from CTU shall be convener of the team from Indian side. DA may recommend names of other experts for this team. Broad functions of JTT-T would inter-alia include:

- (i) To plan cross-border transmission system
- (ii) Coordinate commissioning / monitoring of planned transmission system,
- (iii) Prepare feasibility report of cross-border transmission links.
- (iv) Facilitate development of cross-border exchange of electricity, including preparation of master plans, etc.

##### **4.2 Planning of cross-border link**

4.2.1 Based on the decision in JSC/JWG or proposals received by the Designated Authority seeking approval for import/export (cross border) of electricity or proposals received from CTU, the Designated Authority may request JTT-T to examine the requirement of new cross border links.

4.2.2 The Authority of the Neighbouring Country (ANC) may also approach the Designated Authority for the planning and development of a cross-border link. The planning and development of a cross-border link may also involve the interconnection or strengthening of national grids of respective countries.

4.2.3 It is an exercise requiring sharing of power system data and joint power system studies for ensuring smooth, secure & integrated grid operation. Therefore, it is desirable that the proposal by the ANC is submitted after the in-principle approval of the national government of the concerned country. Similarly, DA will also seek in-principle approval from Govt. of India.

4.2.4 Except for the ANC, no other entity such as prospective seller, buyer, generation plant developer, electricity trader of the neighbouring country, would be eligible for approaching the Designated Authority for planning and development of a cross-border transmission link.

4.2.5 After the in principle approval of the Government; the Designated authority shall examine the proposal in consultation with the CTU keeping in mind the following :

- (i) Quantum of power to be traded between countries and proposed timelines for commissioning of the transmission system for import/export (cross border) of electricity;
- (ii) Whether power is to be traded from a specific existing generation plant or from the electricity grid of neighbouring country or from a new generation plant to be set up, and their timelines. Current status and adequate evidence of materialization of the new generation plant as per timelines, status of financing arrangement, statutory approvals, possession of land etc. so that suitable transmission system with timelines and downstream/upstream transmission could be planned and stranding of transmission assets or of generation capacity could be avoided;
- (iii) Details of the existing cross-border link and proposal for any additional feasible cross border links.
- (iv) The type of terrain, forest and wildlife sanctuary, if any;
- (v) Right of way constraints;
- (vi) Preferred voltage level, type and configuration of conductor;
- (vii) Transmission network data;
- (viii) Generation and load data.
- (ix) Grid Standards, Connectivity standards, Safety Regulations, and the Transmission Planning Criteria of Central Electricity Authority and applicable CERC Regulations.
- (x) any other information, if required

4.2.6 Thereafter, the matter will be referred to JTT-T for identifying system strengthening/augmentation of cross border link.

4.2.7 The findings of JTT-T would be forwarded by DA to Gol for taking an appropriate decision.

4.2.8 CEA and CTU shall also carry out system study to assess system strengthening requirement of inter-state as well as intra-state transmission system in India, and discuss with other stakeholders in India.

4.2.9 The Designated Authority/CEA will take up the planned system of cross border link (s) as well as associated strengthening required for transmission

system in India, for discussion in the respective Regional Power Committee (Transmission Planning).

4.2.10 After discussion on the cross-border transmission plan in JSC/JWG, a feasibility report (FR) may be prepared by JTT-T, as directed by JSC/JWG. The FR may include basic scheme, salient technical parameters and design features, equipment list, layout of substations, land requirement, tentative location, and line routing and cost estimates shall be included in the feasibility study report.

#### 4.3 Implementation, Monitoring & Coordination of Cross Border Transmission Link:

4.3.1 The detailed system studies and cost implications will be placed before the Government for a decision on sanction of the linkage and the funding thereof.

4.3.2 The construction shall be taken up only after Government approval.

4.3.3 As normal practice, countries participating in import/export (cross-border) of electricity will be responsible for implementing the cross-border transmission infrastructure in respective territory unless otherwise agreed.

4.3.4 The finalized Cross Border Transmission link in Indian Territory and the associated transmission system under the inter-state transmission system in the Indian grid shall be implemented as per decision of Gol.

4.3.5 Designated Authority and Authority of the neighbouring country (ANC) shall monitor the progress of Cross Border Transmission links in the respective country so that the transmission system in India and neighbouring country is commissioned in a matching time frame by the respective implementing agency for smooth transaction/trade of electricity.

4.3.6 CEA shall monitor the progress of the associated transmission work in Indian grid, on monthly basis. The Designated Authority may review the progress on quarterly basis.

4.3.7 Any matter regarding delay in commissioning of the cross-border link and associated transmission system strengthening work in respective countries shall be taken up by the Designated Authority for resolution with ANC, failing which, the matter would be escalated at the government level.

4.3.8 It will be the responsibility of the respective governments to ensure security and safety during construction, supervision and operation & maintenance of the cross-border transmission link.

- 4.3.9 It will be the responsibility of the respective implementing agency(ies) of respective country to obtain all statutory approvals, licenses or permits in its respective country and factor the same in the mutually agreed implementation schedule.
- 4.3.10 The Implementing Agency of respective country shall cooperate in - exchanging information, holding review meetings during the construction phase, joint testing and coordinating for the purpose of commissioning, protection coordination, and establishing reliable communication system.
- 4.4 Commissioning of Cross Border Transmission Link:
- 4.4.1 Prior to charging with electric potential, the cross-border link in the territory of respective country shall be approved by their agency responsible for safety of their electrical installation.
- 4.4.2 CTU and the Implementing Agencies of the two countries shall carry out joint inspection and validate reports of pre-commissioning tests of each other's facilities and submit a joint report on the inspection to their respective national load dispatch centers that the link is ready for energization.
- 4.4.3 CTU and NLDC shall ensure that necessary protection system, data and voice communication system etc. has been commissioned on both ends of the line before energization.
- 4.4.4 The cross-border transmission link and associated equipment would be declared commissioned after successful and continuous energization for 24 hours and power flow across the link.
- 4.4.5 Before flow of electricity on the transmission line, System Operators of both the countries shall confirm the availability of Interface Meters to System Operator of the other country.
- 4.4.6 CTU and NLDC shall inform about completion of the commissioning process to DA.
- 4.4.7 The intra-country transmission lines forming part of the cross-border power transfer scheme shall be declared commissioned as per rules, regulations and contractual conditions of the respective country.
- 4.4.8 SNA shall be responsible for arrangement of power for testing of transmission line and associated equipment(s) for forward and/or reverse flow of power

## **5. Grid security, safety and coordination between the cross-border grid operators**

### **5.1 Joint Operation Committee (JOC)**

5.1.1 For discharging the function of coordination with neighbouring country related to grid security, safety and operation; DA shall be assisted by Indian side of the Joint Operation Committee (JOC). Indian side of the JOC shall comprise of Nodal Officer of DA as team leader and members from POSOCO and CTU. Representative from POSOCO shall be convener of the team from Indian side. Broad functions of JOC would inter-alia include:

- (i) Providing power system model for joint operational studies.
- (ii) Setting up common operation philosophy, recovery procedure, information exchange between system operators
- (iii) Protection coordination including planning and setting of System Protection Scheme (SPS), under frequency relays and  $df/dt$ , etc, as needed.
- (iv) Coordinate requirement of frequency response and balancing reserves
- (v) Annual maintenance outage plan
- (vi) Methodology and assumptions for calculation of TTC/ATC/TRM for cross border electricity exchange under STOA
- (vii) Coordination of requirement for SCADA, data telemetry and communication system.

### **5.2 Operating Philosophy**

5.2.1 The System Operators of the respective countries shall be jointly responsible for integrated, reliable, secure and stable operation of the cross-border interconnections.

### **5.3 System Security Aspects**

5.3.1 No part of the cross border interconnection shall be deliberately isolated from the rest of the system, except,

- under an emergency, and conditions in which such isolation would prevent a total grid collapse and / or would enable early restoration of power supply,
- for safety of human life,

- when serious damage to an equipment is imminent and such isolation would prevent it, and
  - when such isolation is specifically instructed after mutual agreement of the System Operators of the two Countries through specific messages exchanged to this effect.
- 5.3.2 Restoration of the cross border interconnection shall be carried out as soon as the conditions again permit it. The restoration process shall be supervised by respective System Operator, in co-ordination with System Operator of the other country.
- 5.3.3 Any tripping, either manual or automatic, shall be communicated immediately by the System Operator detecting such event to their counterpart in the other country.
- 5.3.4 Information on above event(s) may be submitted to DA by NLDC within 48 hours.
- 5.4 Protection Coordination
- 5.4.1 Provision of protection and relay settings shall be coordinated periodically by the System Operators of the respective countries. These settings are to be periodically reviewed as and when network configuration changes at either end of the cross-border link, by JOC. If necessary, the respective countries may also put into place System Protection Schemes (SPS) to take care of any contingencies.
- 5.4.2 A periodic verification and validation of protection settings / systems and SPS etc. shall be undertaken, by the respective countries. Protocol for compliance of the verification shall also be set up.
- 5.5 Manpower Requirements
- 5.5.1 System Operators (Control Centers) and the Substation Control Rooms at either end of the cross-border interconnection shall be manned/staffed by adequate and trained manpower at all times to facilitate round the clock operation of the cross border interconnections. If necessary, in abnormal times, additional trained manpower may also to be made available by the participating countries at their respective ends.
- 5.6 Operational Liaison
- 5.6.1 A well-defined protocol for information exchange between the System Operators of India and of neighbouring country pertaining to what has

happened (like details of fault events etc.) and what is likely to happen (like prior operation protocol messages etc.) needs to be developed. Before any operation is carried out, which is likely to impact the power flow across the cross border interconnection, the details of the operation to be carried out is to be shared between both the participating countries through the respective System Operators.

5.6.2 A dedicated voice communication facility and exchange of data telemetry between Load Dispatch Centers of participating countries needs to be provided.

5.6.3 A copy of the Protocol shall be submitted by NLDC to the Designated Authority.

#### 5.7 Operating Instructions

5.7.1 A system of exchanging 'operational codes' to be evolved and used for exchanging any operating instructions between the System Operators of the participating countries. These are to be backed up by messages in writing.

5.7.2 A copy of these documents shall be submitted by NLDC to the Designated Authority.

#### 5.8 Reactive Power Compensation

5.8.1 Reactive Power compensation and/or other facilities shall be provided by respective countries at the point of interconnection as far as possible, including the low/high voltage systems close to the interconnection points thereby avoiding the need for exchange of Reactive Power and maintaining interconnection node voltages within the specified range.

#### 5.9 Outage Planning

5.9.1 An outage plan (preferably on annual basis) for scheduled maintenance activities shall be prepared in advance through mutual consultation and agreement between System Operators of respective country. As far as system conditions permit, planned outages for maintenance are to be allowed by both the countries.

5.9.2 In case, due to system constraints, the planned outage has to be postponed, the same may be permitted at the first available opportunity on mutually agreed schedule. Such instances may be reported by NLDC to DA and respective RPC within 48 hours.

## 5.10 Recovery Procedures

5.10.1 Detailed plans and procedures for restoration after outage of the cross border link to be finalized by the concerned System Operator in its area of jurisdiction. The procedure will be reviewed, confirmed and/or revised once every year. Mock trial runs may be carried out every six months under intimation to both the System Operators. Constraints, if any shall be detailed in advance.

## 5.11 Event Information

5.11.1 Any of the following events require reporting by the concerned System Operator to its counterpart in the other country:

- Violation of Power System Security Standards
- System islanding, system splits
- Complete / partial blackout
- Protection operations, including failure alarms
- Power System instability
- Tripping of elements impacting the power flow across the cross border links
- Changes in total transfer capability over the cross border links

5.11.2 A written communication shall be exchanged covering the date and time of the event, location, plant/equipment affected and any other relevant detail (for example, may include Flags, facia, disturbance recorder and sequence of events recorder output etc.) as may be necessary.

5.11.3 Weekly report on such events shall be submitted by NLDC to DA.

## 5.12 Assessment of Available Transmission capability in cross border interconnections

5.12.1 The Total Transfer Capability (TTC), Transmission Reliability Margins (TRM) and Available Transfer Capability (ATC) for the cross border interconnection shall be assessed and exchanged by the System Operators of the participating countries. The TTC / TRM assessed by the System Operators are to be reviewed periodically as and when considered necessary and the revised capabilities are to be communicated to the counterpart immediately.

5.12.2 System Operator of India shall intimate the Capability/margins to the Designated Authority for every month and whenever revision takes place.



### 5.13 Assistance in Emergency

5.13.1 In case of emergency/contingency conditions, the NLDC may extend assistance to neighbouring countries, including energy assistance depending upon grid conditions. NLDC may also seek similar assistance from neighbouring country.

5.13.2 Such emergency exchange of energy may be settled under a suitable commercial mechanism which is pre-agreed through regulatory mechanism, or between the two Governments.

### 5.14 Record of transmitted energy

5.14.1 NLDC shall submit a report to DA on monthly basis, containing information on quantum of energy flow (both bidirectional and net) through each cross-border link, maximum power flow (on 15-minute block basis or as applicable) through the link, voltage profile at cross-border nodes, transmission losses (wherever possible), etc.

### 5.15 Settlement of grid operation related charges

5.15.1 Settlement Nodal Agency(SNA) shall be responsible for settlement of grid operation related charges, including settlement of energy and reactive power. Accordingly, SNA shall be member of deviation pool, reactive energy pool and other regulatory pools for payment and settlement of corresponding charges in the pool accounts.

## **6. Approval to participating Entity(ies) proposing to Import/Export (Cross Border) of Electricity**

6.1 All Import/ Export of electricity shall take place only after approval of the Government of India. All such approvals may be reviewed by the Govt. of India as and when deemed necessary by it.

6.2 Approval of the Designated Authority will not be necessary where the import/export is taking place under the Inter Government Agreement signed by India and neighbouring country for specific project(s). However, such Indian Entity of the transaction would need to apply for transmission access as per applicable CERC Regulations either directly or through licensed traders in India, as the case may be.

6.2.1 The Indian Entity of such transaction would submit the necessary information

in format at Annexure-I or Annexure-II, as the case may be, to the Designated Authority, at least 30 days prior to start of the transaction.

6.2.2 The Designated Authority will advise the concerned entities/NLDC to facilitate scheduling of such cross border transaction.

6.3 Eligibility of Applicant for Import of electricity by Indian Entities

(i) Indian Entity nominated by Government of India to import electricity from generating projects of neighbouring country and sign PPAs with DISCOMs for the power being imported.

OR

Indian entities may import electricity from the generation projects located in neighbouring country(ies) directly or through Government or a Government Company or a licensed trader of that country after taking approval of the Designated Authority, provided that the generating company is not owned, directly or indirectly by any natural/legal personality(ies) whose effective control or source of funds or residence of beneficial owner, is situated in/ citizen of a third country with whom India shares land border and that third country does not have a bilateral agreement on power sector cooperation with India. For any relaxation in this provision, the Designated Authority will consult Ministry of Power and Ministry of External Affairs.

(ii) The generation project(s) of the neighbouring country should submit the permission to export power to India from the respective Government of the neighbouring country.

(iii) The Applicant shall submit a copy of Power Purchase Agreement (PPA)/ or of Letter of Intent (LOI) from generator of neighbouring country, for import of such power.

(iv) The Applicant shall submit the application to the Nodal Officer in the format enclosed at **Annex-I**.

(v) The person making the application shall submit an affidavit stating that he/she is the authorized person to make an application on behalf of the entity and approval from his board need to be submitted.

(vi) The Applicant shall submit an undertaking on affidavit that any change in the equity pattern (after the date of approval by the Designated Authority) of the generating company/trading licensee of the neighbouring country from where electricity to be imported, shall be intimated to the Designated Authority, within thirty (30) days of such change. Failure to notify this change may be considered by the

Designated Authority as a ground for revocation of the approval. The Applicant should obtain similar undertaking from the generating company/ trading licensee of the neighbouring country in its contract.

#### 6.4 Eligibility of Applicant for Export of electricity by Indian Entities

(i) As per clause 5.2(a) of the Guidelines, Generating Companies/ Distribution Companies of India may export electricity generated by coal or gas or renewable energy or hydropower, to Entities of neighbouring country(ies) directly or through trading licensee(s) of India, after taking approval of the Designated Authority.

(ii) In case of electricity generated from coal based generating plants, export of electricity from India by a generating company/ distribution licensee directly or through trading licensee shall be allowed only where such electricity is generated utilizing imported coal or spot e-auction coal or coal obtained from commercial mining.

Further, in case of electricity generated from gas based generating plants, export of electricity from India by a generating company/distribution licensee directly or through trading licensee shall be allowed only where such electricity is generated utilising imported gas.

In such cases, the Applicant shall submit a declaration that the electricity for export will be generated utilizing imported coal or spot e-auction coal or coal obtained from commercial mining, or imported gas.

(iii) The Applicant shall submit a copy of Power Purchase Agreement (PPA)/ or of Letter of Intent (LOI) from entity of neighbouring country, for export of such power.

(iv) The Applicant shall submit the application to the Nodal Officer in the format enclosed as **Annex-II**.

#### 6.5 Eligibility of Applicant for Trading in Indian Power Exchange(s)

(i) Indian power trader can trade the power of a generating station located outside the country, provided that:

(a) The generation station is located in a country, with which India has a bilateral agreement on Power Sector Cooperation.

**AND**

(b) the generating station is not owned, directly or indirectly by any natural/ legal personality(ies) whose effective control or source of funds or residence of beneficial owner, is situated in/citizen of a third country with whom India shares land border and that third country does not have a bilateral agreement on power sector cooperation with India. For any relaxation in this provision, the Designated Authority will consult Ministry of Power and Ministry of External Affairs.

- (ii) Indian Entity(ies) trading the power of domestic origin, in Day Ahead Market (DAM) in Power Exchanges will not require any approval from Designated Authority. However, if an Indian Entity intends to trade in other than DAM of Power Exchange, where establishment of one to one transaction is possible, the Entity shall require approval from Designated Authority, up to specified quantum (MW) and duration.
- (iii) Indian Power Exchange may ensure that the buyer from neighbouring country is able to buy only from approved exporters of India.
- (iv) Any Indian power trader, on behalf of any Entity of neighbouring country, may trade in Indian Power Exchanges, after obtaining approval from the Designated Authority, up to specified quantum (MW) and duration, provided, however that the entity on behalf of where the Indian Power Trader is trading belongs to the neighbouring country which has an agreement on cooperation in the power Sector with India, and the generating asset from which power is being traded is also owned/controlled by the said country having agreement on Power cooperation with India
- (v) Applicant should clearly mention the maximum quantum of electricity (in MW) intended to be traded in Indian Power Exchanges and time period for which approval is required.
- (vi) Applicant (under 6.5(iii)) should furnish PPA/Lol with the entity of neighbouring country for trade in Indian Power Exchange(s).
- (vii) The Application (under 6.5(iii)) should also have consent of respective government of the neighbouring country for allowing trade of power.
- (viii) The Applicant shall submit the application to the Nodal Officer in the format enclosed as **Annex-III**.

## 6.6 Process for Grant of Approval

- (i) The application for approval of Participating Entity(ies) shall be considered only after the receipt of the equity pattern of ownership of

the said Entities along with other details as may be prescribed by the Designated Authority.

- (ii) After receipt of the application, the proposal shall be examined as per provisions in the Guidelines, including the generation capacity (as available) and the demand. Imports may normally be permitted only when the demand exceeds generation capacity (as available) in the country; and Exports may normally be permitted in case of generation capacity (as available) being in excess of the demand.
- (iii) In case of trading in Indian power exchanges, maximum time period of one year will be allowed at a time from the date of approval.
- (iv) In case, there is a change in the equity pattern of the participating Entity of the neighbouring country, the Indian Entity who has been granted approval by Designated Authority or Gol shall intimate the Designated Authority within thirty (30) days from such change in equity pattern for continuation of the approval. Failure to notify this change may be considered by the Designated Authority as a ground for revocation of the approval. The Applicant should obtain similar undertaking from the participating Entity of the neighbouring country in its contract.
- (v) The Designated Authority may seek the comments from RPCs, CTU, POSOCO etc.
- (vi) The Applicant may be asked to present its case before the Designated Authority.
- (vii) The Designated Authority will send the proposal for concurrence of Govt. of India (Gol), within 60 days from the date of receipt of the final application complete in all respects.
- (viii) The approval or otherwise of DA shall be communicated to the Applicant within 15 days from final communication received from Gol.
- (ix) After approval of the Designated Authority, the participating entity shall approach concerned authorities in respective country for transmission access.

## 6.7 Obligation to Comply with Applicable Laws

- 6.7.1 Govt. of India reserves the right to import/ export electricity from/ to neighbouring countries for reason of larger policy interests, and same shall be binding on the Participating Entity

- 6.7.2 The grant of approval for participation in Import/Export (Cross Border) of Electricity by the Designated Authority shall not entitle the applicant any rights or privileges with regard to applicable laws, rules and regulations of India.
- 6.7.3 The Participating Entity shall submit a copy of PPA to DA, within 15 days of its of signing.
- 6.7.4 Participating Entity of India shall comply with the applicable regulations/ standards framed by CERC and CEA.
- 6.7.5 The Participating Entity granted approval by DA for a period of more than one year shall need to apply for LTA/MTOA within six(6) months of approval by DA, failing which the approval by DA shall be deemed as cancelled.
- 6.7.6 The Participating Entity granted approval by DA for a period of less than or equal to one year shall need to apply for MTOA/STOA within three (3) months of such approval by DA, failing which the approval by DA shall be deemed as cancelled.

## **7. Approval for building dedicated transmission line for connecting to the transmission system of neighbouring country**

### **7.1 Eligibility Criteria & Submission of Application**

- 7.1.1 A Lol / PPA should have been signed between the Applicant and importing entity of neighbouring country for supplying electricity through dedicated transmission line under the overall framework of agreements signed between India and the neighbouring country(ies).
- 7.1.2 The generating station of the Applicant from which the Dedicated Transmission Line is proposed to be built, shall not be connected to any part of intra-state or inter-state grid of India. As such, this line will be operated in accordance with protocols of the neighbouring country to whose grid it is connected.
- 7.1.3 Applicant shall submit the application to the Nodal Officer in the format enclosed as **Annex-IV**.

### **7.2 Process of Grant of Approval**

- 7.2.1 After receipt of the application, the proposal shall be examined from technical and strategic point of view.
- 7.2.2 The Designated Authority, if required, may seek the comments of the State from where the dedicated transmission line of the Applicant is proposed to traverse.

- 7.2.3 The Applicant may be asked to present its case before the Designated Authority.
- 7.2.4 The Designated Authority will send the proposal for concurrence of Govt. of India, within 45 days from the date of receipt of the final application complete in all respects for building dedicated transmission line.
- 7.2.5 The approval or otherwise of DA shall be communicated to the Applicant within 15 days from final communication received from Government of India.

### 7.3 Terms of The Approval

- 7.3.1 The construction of the line shall be commenced only after:
- a) Prior approval under Section 68 of the Electricity Act 2003
  - b) Obtaining any other approval required under any other law prevailing in India.
  - c) Signing of PPA between the Applicant and importing entity of neighbouring country
- 7.3.2 Applicant shall submit a copy of PPA signed between the Applicant and entity of neighbouring country clearly mentioning that the cost of transmission system is inbuilt in the contract to the Nodal Officer of Designated Authority before commencement of construction of the line.
- 7.3.3 The electricity system owned by the Applicant shall not be electrically or by any other means connected with inter-state or intra-state grid of India.
- 7.3.4 Applicant shall comply with applicable sections of the Electricity Act 2003, Regulations made there under and other applicable laws.
- 7.3.5 Applicant shall send monthly progress report to the Nodal Officer of Designated Authority.
- 7.3.6 Applicant shall commence construction of the Dedicated Transmission Line within three years from the date of approval of the Designated Authority, unless this term is extended by the Designated Authority.
- 7.3.7 The Applicant shall be required to obtain approval from the Designated Authority for participation in import/export (cross border)of electricity under Clause 5.0 of the Guidelines.

## **8. Transaction of electricity through Indian Grid under tripartite agreement**

- 8.1 Transaction of electricity through Indian Grid is allowed as per Clause 3.1 and 8.6 of the Guidelines.

- 8.2 Such transactions can be allowed provided that:
- (a) the Entity seeking such transactions has obtained either STOA/MTOA/LTA from appropriate agencies in India as per CERC regulations, and
  - (b) the generating station is not owned, directly or indirectly by any natural/ legal personality(ies) whose effective control or source of funds or residence of beneficial owner, is situated in/ citizen of a third country with whom India shares land border and that third country does not have a bilateral agreement on power sector cooperation with India- For any relaxation in this provision, the Designated Authority will consult Ministry of Power and Ministry of External Affairs.

8.3 Procedure for Approval of DA for transaction through Indian Grid

- 8.3.1 The Indian trading licensees may apply to DA (**in format given at Annex-V**) giving details of intended transaction through Indian Grid such as details of selling & buying entities, copy of tripartite PPA/ PSA (Power Purchase Agreement/ Power Sale Agreement), quantum & duration of intended transaction of Electricity, details of Generating Station or any other related information as sought by DA.
- 8.3.2 The Designated Authority will send the proposal for concurrence of Govt. of India, within 45 days from the date of receipt of the final application complete in all respects.
- 8.3.3 The approval or otherwise of DA shall be communicated to the Applicant within 15 days from final communication received from Gol.
- 8.3.4 The Applicant shall submit an undertaking on affidavit that any change in the equity pattern (after the date of approval by the Designated Authority) of the generating company/ trading licensee of the neighbouring country from where electricity is transacted through Indian Grid under Tripartite agreement, shall be intimated to the Designated Authority, within thirty (30) days of such change. Failure to notify this change may be considered by the Designated Authority as a ground for revocation of the approval. The Applicant should obtain similar undertaking from the generating company/ trading licensee of the neighbouring country in its contract.

8.4 Obligation to Comply with Applicable Laws

- 8.4.1 Govt. of India reserves the right for transaction of electricity through Indian grid for reason of larger policy interests, and same shall be binding on the Participating Entity.



- 8.4.2 The grant of approval for transaction of electricity through Indian grid by the Designated Authority shall not entitle the applicant any rights or privileges with regard to applicable laws, rules and regulations of India.
- 8.4.3 The grant transmission access shall be governed by relevant regulations of CERC.
- 8.4.4 Participating Entity of India shall comply with the applicable regulations/ standards framed by CERC and CEA.
- 8.4.5 The Participating Entity granted approval by DA for a period of more than one year shall need to apply for LTA/MTOA within six(6) months of approval by DA, failing which the approval by DA shall be deemed as cancelled.
- 8.4.6 The Participating Entity granted approval by DA for a period of less than or equal to one year shall need to apply for MTOA/STOA within three (3) months of such approval by DA, failing which the approval by DA shall be deemed as cancelled.
- 8.4.7 Approvals granted for Transaction of electricity through Indian Grid under tripartite agreement may be reviewed by the Government of India as and when deemed necessary by it.
- 8.5 NLDC shall inform DA regarding transaction of electricity through Indian grid through Short Term Open Access (STOA) on monthly basis.
- 8.6 CTU shall inform DA regarding transaction of electricity through Indian grid through Medium Term Open Access (MTOA)/ Long Term Access (LTA) within seven days of grant of such transmission access.

## **9. Office of the Designated Authority**

- 9.1 The office of the Designated Authority shall be same as the office of Member (Power System), Central Electricity Authority. Accordingly, address of the office would be as under:

Member (Power System)  
Central Electricity Authority  
3<sup>rd</sup> floor, Sewa Bhawan (North)  
West Block, R.K. Puram  
New Delhi – 110066, India  
Ph: +91 11 26732301  
Email: da-iecbe@cea.nic.in

- 9.2 The office of the Designated Authority shall be open daily except on Saturdays, Sundays and Central Government holidays notified by the Government of India for Delhi offices.

- 9.3 Where the last day for doing of any action falls on a day on which the office of the Designated Authority is closed and by reason thereof the act cannot be done on that day, it may be done on the next day on which the office is open.
- 9.4 The address for correspondence with the Nodal officer will be as under:
- Chief Engineer (PSPA-II)  
Central Electricity Authority  
3<sup>rd</sup> floor, Sewa Bhawan (North)  
West Block, R.K. Puram  
New Delhi – 110066, India  
Ph: +91 11 26732325  
Email: nodal-cb@cea.nic.in
- 9.5 The Nodal officer shall carry out the following functions on behalf of Designated Authority:
- 9.5.1 shall have custody of the records the Designated Authority;
- 9.5.2 shall receive or cause to receive all applications or references pertaining to the Designated Authority and acknowledge them
- 9.5.3 make correspondence on behalf of Designated Authority
- 9.5.4 shall assist the Designated Authority in exercising delegated power by the Designated Authority;
- 9.6 In the absence of the Nodal Officer, Designated Authority may designate any other officer of Central Electricity Authority for exercising the functions of the Nodal Officer.
- 9.7 The Designated Authority may take services of such other persons and such other facilities as it may deem fit, in consultation with Ministry of Power, Government of India.

## **10. Language for communication**

- 10.1 The language for correspondence with the Designated Authority shall be English.
- 10.2 No documents or other material contained in any language other than English shall be accepted by the Designated Authority, unless the same is accompanied by a certified translation thereof in English.

## **11. Indemnification**

- 11.1 The Designated Authority shall not, in any form, be made party to any loss, damage, disputes or problems arising out with respect to an entity approved by the Designated Authority for carrying out cross-border trade in electricity,

for and against any claim, demand, liability, action, proceedings, cost or expense in favour of participating entities or any other third entity.

## **12. Removal of Difficulties**

- 12.1 Should any difficulty arise in giving effect to the provisions of this CBR, the Designated Authority may relax the provisions as may appear to be necessary for removing the difficulty so far it is not inconsistent with the provisions of the Electricity Act 2003 or Rules and Regulations framed thereunder or the Guidelines.

**Application format for approval of Designated Authority for import of electricity by Indian Entities**

- 1) Name of Applicant :
- 2) Type of entity (Trading licensee/Distribution licensee)
- 3) Validity of the trading/distribution license (Enclose a copy of license)
- 4) Corporate Identification Number (CIN) of the Applicant
- 5) Date of registration in India (Enclose Certificate of incorporation)
- 6) Address for Correspondence :
- 7) Contact Details
  - Name of Authorized Person :
  - Designation :
  - Phone No. (Landline) :
  - Phone No. (Mobile) :
  - Fax :
  - E-Mail :
- 8) Nature and Tenure of transaction (application period)
  - a. Nature of transaction (directly/through Government /through a Government Company /through a licensed trader of the neighbouring country)
  - b. Quantum in MW :
  - c. Time period (from date – to date) :
  - d. Drawal Point in India
  - e. Contact details of entity of neighbouring country
    - Name of Authorized Person :
    - Designation :
    - Phone No. (Landline) :
    - Phone No. (Mobile) :
    - Fax :
    - E-Mail :
- 9) Details of Generating Station located outside India from where electricity is to be imported to India

- (i) Name of Generating Company (Enclose Certificate of incorporation)
- (ii) Authorized & paid up capital and share holding pattern including details of effective controller, beneficial owner and source of all funds of the generating company (Enclose Articles and Memorandum of Association of the generating company or any other document as material evidence to show compliance with the ownership condition stipulated in para 6.2 of the Guidelines)
- (iii) Name of Generating Station and Type of Generation (Hydro / coal based/ Gas Based / Renewable sources of generation)
- (iv) Location
  - a) Village/City :
  - b) State /Province/Region:
  - c) ZIP/Postal Code
  - d) Country
  - e) Longitude :
  - f) Latitude :
- (v) Capacity of the Generating Station
  - (a) Total Installed Capacity (MW) :
  - (b) Number of Generating Units :
  - (c) Capacity of each unit (MW)
    - Unit-1 :
    - Unit-2 :
    - .....
- (vi) Whether the generating station is under construction? If yes, provide present status of the generation project along with the following information supported by documentary evidence:
  - a) Commissioning Schedule of the Each Generating Unit
    - Unit-1 :
    - Unit-2 :
    - .....
  - b) statutory approvals/ permits/ licenses/ clearances of the host country;
  - c) financing plan;
  - d) debt-equity ratio;
  - e) status of possession of land
  - f) proposed timeline for achieving project milestones.

(vii) Cost of generation (Indian Rupees/kWh)

10) Whether the generating station/seller (Government company /DISCOM /Trader) of the neighbouring country has the permission to export power to India from the respective Government of the neighbouring country (enclose documentary proof)

11) Copy of PPA/Lol with the entity of neighbouring country

12) An affidavit from Distribution licensee importing power (directly or through trader), stating that demand of distribution licensee in its area exceeds the generation capacity (as available with him) during the period of import. An analysis in support of this affidavit needs to be submitted.

(Signature of authorized person)

Note : The person making the application shall submit an affidavit stating that he/she is the authorized person to make an application on behalf of the entity.

**Application format for approval of Designated Authority for Export of electricity by Indian Entities**

- 1) Name of Applicant :
- 2) Type of Indian entity [Generating company/Distribution licensee/Trading licensee] :
- 3) If Distribution/Trading licensee, Validity of the license (Enclose a copy of license)
- 4) Corporate Identification Number (CIN) of the Applicant
- 5) Date of registration in India (Enclose Certificate of incorporation)
- 6) Address for Correspondence :
- 7) Contact Details
  - Name of Authorized Person :
  - Designation :
  - Phone No. (Landline) :
  - Phone No. (Mobile) :
  - Fax :
  - E-Mail :
- 8) Nature and Tenure of export (application period):
  - a. Quantum (MW)
  - b. Time Period (from date – to date)
  - c. Injection Point
- 9) Copy of PPA/Lol for with entity of neighbouring country for the power to be exported
- 10) In case of electricity to be exported from Generating Station located in India directly or through trading licensee or distribution licensee :
  - (i) Name of Generating Station :
  - (ii) Type of Generation (Hydro / coal based/ Renewable sources/Other(specify))
  - (iii) Type and source of fuel (Linkage coal/Imported coal/spot-eAuctioned coal/coal obtained from commercial mining etc.)
  - (iv) Location
    - a) Village/Town/City :

- b) State :
- c) Postal Code
- d) Longitude :
- e) Latitude :

(v) Capacity of the Generating Station

- (a) Total Installed Capacity (MW) :
- (b) Number of Generating Units :
- (c) Capacity of each unit (MW)

Unit-1 :

Unit-2 :

.....

(vi) whether the generating station is under construction? If yes, provide present status of the generation project along with the following information supported by documentary evidence:

- a) Commissioning Schedule of the Each Generating Unit

Unit-1 :

Unit-2 :

.....

- b) statutory approvals/ permits/ licenses/ clearances of the host country;
- c) financing plan;
- d) debt/equity ratio
- e) status of possession of land
- f) proposed timeline for achieving project milestones.

(vii) Details of connections with Indian grid:

- a. Whether connected to ISTS/STU network
- b. Point of interconnection with the grid
- c. Voltage level of connectivity lines
- d. If transmission system is under construction, commissioning schedule of transmission elements

(viii) In case of embedded generating station in a state, submit no objection certificate (NOC) from Discoms/STU of the state



- (ix) Details of all the Power Purchase Agreements mentioning duration, quantum, buyer etc with copies.
- (x) An affidavit stating that power intended to be exported is available with them and not under dispute

11) In case of DISCOMS:

- a. Maximum Demand of power in MW during application period, month wise
- b. Availability of power in MW (own generation + PPA+ Allocations+ other contracts) during application period (Enclose relevant documents)
- c. Enclose Monthly Power supply position of recent one year
- d. An affidavit stating that DISCOM has surplus capacity during application period

(Signature of authorized person)

Note : The person making the application shall submit an affidavit stating that he/she is the authorized person to make an application on behalf of the entity.

**Application format for approval of Designated Authority for participation in Indian Power exchanges**

- 1) Name of Trader Applicant :
- 2) Validity of the trading license (Enclose a copy of license)
- 3) Corporate Identification Number (CIN) of the Applicant
- 4) Date of registration in India (Enclose Certificate of incorporation)
- 5) Address for Correspondence :
- 6) Contact Details
  - Name of Authorized Person :
  - Designation :
  - Phone No. (Landline) :
  - Phone No. (Mobile) :
  - Fax :
  - E-Mail :
- 7) For export of electricity to India from neighbouring country through Indian Trading licensee in Indian Power exchange(s)
  - (i) Power Exchange Market( DAM/ other than DAM)
  - (ii) Injection point – Country
  - (iii) Quantum in MW :
  - (iv) Time period (from date – to date)
  - (v) Contact details of entity of neighbouring country
    - Name of Authorized Person :
    - Designation :
    - Phone No. (Landline) :
    - Phone No. (Mobile) :
    - Fax :
    - E-Mail :
  - (vi) Name of Generating Company (Enclose Certificate of incorporation)
  - (vii) Authorized & paid up capital and share holding pattern including details of effective controller, beneficial owner and source of all funds of the generating company (Enclose Articles and Memorandum of Association of the generating company or any

other document as material evidence to show compliance with the ownership condition stipulated in para 6.2 of the Guidelines)

(viii) Name of Generating Station and Type of Generation (Hydro / coal based/ Gas Based / Renewable sources of generation)

(ix) Location

- g) Village/City :
- h) State /Province/Region:
- i) ZIP/Postal Code
- j) Country
- k) Longitude :
- l) Latitude :

(x) Capacity of the Generating Station

(a) Total Installed Capacity (MW) :

(b) Number of Generating Units :

(c) Capacity of each unit (MW)

Unit-1 :

Unit-2 :

.....

(xi) Whether the generating station is under construction? If yes.

Provide present status of the generation project along with the following information supported by documentary evidence:

g) Commissioning Schedule of the Each Generating Unit

Unit-1 :

Unit-2 :

.....

h) statutory approvals/ permits/ licenses/ clearances of the host country;

i) financing plan;

j) debt-equity ratio;

k) status of possession of land

l) proposed timeline for achieving project milestones.

(xii) Cost of generation (Indian Rupees/kWh)

(xiii) Whether the generating station or seller(Government company /DISCOM /Trader) of the neighbouring country has the permission to export power to India from the respective Government of the neighbouring country (enclose documentary proof)

(xiv) Copy of PPA/Lol with the entity of neighbouring country

- 8) For import of electricity from India through Indian Trading licensee in Indian Power exchange(s)
- a. Copy of PPA/Lol with the entity of neighbouring country
  - b. Drawal point – Country
  - c. Quantum in MW :
  - d. Time period(from date – to date)
- 9) For India Entity Trading in Indian Power exchange(s) (Other than DAM)
- a. Quantum in MW :
  - b. Time period(from date – to date)
  - c. Injection/ Drawal point in India
  - d. In case of electricity to be exported from India directly or through trading licensee or distribution licensee :
- (i) Type of Generation (Hydro / coal based/ Renewable sources/Other(specify))
  - (ii) Type and source of fuel (Linkage coal/Imported coal/spot-eAuctioned coal/coal obtained from commercial mining etc.)

(Signature of authorized person)

Note : The person making the application shall submit an affidavit stating that he/she is the authorized person to make an application on behalf of the entity.

**Approval for building dedicated transmission line for connecting to the transmission system of neighbouring country**

- I. Name the Applicant :
- II. Name of Power Plant :
- III. Address for Correspondence :
- IV. Contact Details
  - (a) Prime Contact Person :
    - Designation :
    - Phone No. (Landline) :
    - Phone No. (Mobile) :
    - Fax :
    - E-Mail :
  - (b) Alternate Contact Person :
    - Designation :
    - Phone No. (Landline) :
    - Phone No. (Mobile) :
    - Fax :
    - E-Mail :
- V. Details of Generating Station
  - (i) Location
    - (a) Village/Town :
    - (b) District :
    - (c) State :
    - (d) Longitude :
    - (e) Latitude :
  - (ii) Capacity of the Generating Station
    - (a) Total Installed Capacity (MW) :
    - (b) Number of Generating Units :
    - (c) Capacity of each unit (MW)
      - Unit-1 :
      - Unit-2 :
      - .....
    - (d) Generation Voltage :
    - (e) Step-up Voltage :

- VI. Source of Fuel & type :
- VII. Commissioning Schedule of the Each Generating Unit  
Unit-1 :  
Unit-2 :  
...
- VIII. Source of Power for pre-commissioning activities :
- IX. Details of Dedicated Transmission Line within Indian Territory
- (a) Type of Transmission Link
    - i. Over head / underground/ combination of both
    - ii. AC/HVDC
  - (b) Voltage level :
  - (c) Point of connection with the neighbouring country grid :
  - (d) Line length in km (upto Indian border) :
  - (e) Total line length in km (from generating station to point of connection with the neighbouring country grid) :
  - (f) Coordinates of crossing point at the Indian Border :
  - (g) In case of Over head Transmission System,
    - i. No. of circuits :
    - ii. Conductor configuration :
    - iii. Type of Conductor :
    - iv. Type of transmission tower:
  - (h) Tentative route up to Indian Border :
  - (i) Commissioning Schedule of the Dedicated Transmission Line
- X. Reasons for opting Dedicated Transmission Line :
- XI. Copies of Lol / PPA signed between the Applicant and importing entity of neighbouring country
- XII. An affidavit stating that this generating station of the applicant is not connected with any point of Indian intra-state/inter-state grid.

(Signature of authorized person)

Note : The person making the application shall submit an affidavit stating that he/she is the authorized person to make an application on behalf of the entity.

**Application format for approval of Designated Authority for transaction of electricity through Indian Grid under tripartite agreement**

- 1) Name of Trader Applicant :
- 2) Validity of the trading license (Enclose a copy of license)
- 3) Corporate Identification Number (CIN) of the Applicant
- 4) Date of registration in India (Enclose Certificate of incorporation)
- 5) Address for Correspondence :
- 6) Contact Details
  - Name of Authorised Person :
  - Designation :
  - Phone No. (Landline) :
  - Phone No. (Mobile) :
  - Fax :
  - E-Mail :
- 7) Details of intended transaction
  - (i) Selling entity with Country
  - (ii) Injection point in Indian grid
  - (iii) Buying entity with country :
  - (iv) Drawal point in Indian grid
  - (v) Quantum in MW
  - (vi) Duration of transaction (from date – to date)
  - (vii) Enclose copy of tripartite PPA/PSA
- 8) Details of Generating Station located outside India from where transaction of electricity through Indian grid is planned under tripartite agreement:
  - (i) Name of Generating Company (Enclose Certificate of incorporation)
  - (ii) Authorized & paid-up capital and share holding pattern including details of effective controller, beneficial owner and source of all funds of the generating company (Enclose Articles and Memorandum of Association of the generating company or any other document as material evidence to show compliance with the ownership condition stipulated in para 6.2 of Guidelines)
  - (iii) Name of Generating Station and Type of Generation (Hydro/ coal based/ Gas Based/ Renewable sources of generation)
  - (iv) Location:
    - a) Village/ City:
    - b) State/ Province/ Region:
    - c) ZIP/ Postal Code:
    - d) Country:
    - e) Longitude:
    - f) Latitude:
  - (v) Capacity of the Generating Station:

a) Total Installed Capacity (MW):

9) Any other relevant information

(Signature of authorized person)

Note : The person making the application shall submit an affidavit stating that he/she is the authorized person to make an application on behalf of the entity.