



सत्यमेव जयते

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

No. 730/3/CEA/PSPA-III/1622

Dated : 14.12.2017

To,

(All Stakeholders in Power Sector & General Public)

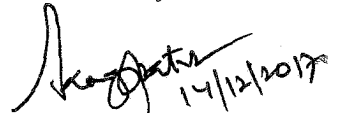
Subject: Draft Conduct of Business Rules (CBR) of the Designated Authority (DA) for facilitating the Cross Border Trade of Electricity (CBTE).

Ministry of Power, Govt. of India has issued the guidelines on Cross Border Trade of Electricity, vide office Memorandum No. 14/1/2016-Trans dated on 5th December, 2016. Further, MoP, vide office Memorandum No. 14/1/2017-Trans, dated 14th December, 2016, had notified Member (Power System), CEA as the Designated Authority under the provisions of Sub-clause (1) of Clause 5 of Guidelines on Cross Border Trade of Electricity. The Designated Authority is required to frame its own rules for Conduct of Business (CBR) for facilitating the process of approval and laying down the procedure for cross border transaction and trade in electricity. Accordingly, the draft CBR has formulated.

In this regard, all stakeholders in Power Sector and general public are hereby requested to kindly send their views/suggestions (if any) on the draft CBR to CEA by 31st December 2017 in the address given below, so that same could be appropriately considered while finalizing the CBR of Designated Authority.

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Yours faithfully,


(S.K. Ray Mohapatra)
Chief Engineer

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

**DRAFT CONDUCT OF BUSINESS RULES (CBR) OF THE DESIGNATED
AUTHORITY (DA) FOR FACILITATING THE CROSS BORDER TRADE OF
ELECTRICITY (CBTE)**

1. General

- 1.1. In order to facilitate and promote cross border trade of electricity with greater transparency, consistency and predictability in regulatory approaches across jurisdictions and minimise perception of regulatory risks; Ministry of Power, Govt. of India has issued the guidelines on Cross Border Trade of Electricity (the Guidelines) on 5th December, 2016.
- 1.2. Further, Ministry of Power, Govt. of India vide office Memorandum No.14/1/2016-Trans dated 14th December, 2016, had notified Member (Power System), CEA as the Designated Authority for carrying out the functions prescribed under the Guidelines.
- 1.3. The Designated Authority was to frame its own rules for Conduct of Business (CBR) for facilitating the process of approval and laying down the procedure for Cross Border Trade of Electricity between India and neighbouring countries and other related matters.
- 1.4. Accordingly, the Designated Authority (Conduct of Business Rules)(CBR), 2017 for facilitating cross border transaction and trade in electricity has been formulated.
- 1.5. This CBR will come into force from the date of its issue.

2. Definitions and Interpretation

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 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) 'Applicant' means an Entity who has made application to Designated Authority for obtaining approval to participate in cross border trade of electricity as participating entity.

- (iii) 'Approval' means approval for entering into contract for cross border trade of electricity with Indian Entity or with entity of neighbouring country and shall not mean availability of cross border transmission for scheduling of power.
- (iv) 'CEA' means Central Electricity Authority referred to in the Act;
- (v) 'CERC' means the Central Electricity Regulatory Commission referred in the Act;
- (vi) 'Cross Border Trade of Electricity (CBTE)' means trade involving import or export of electricity between India and the neighboring Country of India.
- (vii) 'Cross Border Transmission Link' means the transmission link between the generating station or the pooling station of India and the neighboring country for cross border trade of electricity,
- (viii) 'Cross Border Transmission Planning Group (CBTP Group)' means a group comprising members from CEA, CTU, POSOCO and Transmission Planning Agency (TPA) of the neighbouring country to discuss cross border transmission plan
- (ix) 'CTU' shall mean Central Transmission Utility as defined in Section 38 of the Act;
- (x) 'Distribution Licensee' means a Licensee defined under Section 2 (17) of the Electricity Act, 2003;
- (xi) 'Financial year' shall mean the year commencing on the first day of April and ends on 31st March.
- (xii) 'Guidelines' shall mean the guidelines on Cross Border Trade of Electricity issued by Govt. of India on 5th December, 2016
- (xiii) 'Indian Entity' means a generating company, trading licensee, Distribution licensee formed and registered in India under the Companies Act, 2013.
- (xiv) '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.
- (xv) 'License' means a license granted under section 14 of the Act.
- (xvi) 'Licensee' means a person who has been granted a license under section 14 of the Electricity Act, 2003.

- (xvii) 'Market splitting' is a mechanism adopted by Power Exchange whereby to manage transmission congestion, electricity market is split into zones, for clearing the quantity of power (MW) and price of electricity separately for each split zone;
- (xviii) 'Month' means a Calendar Month;
- (xix) 'National Load Despatch Centre (NLDC)' means the Centre established under sub-section (1) of section 26 of the Electricity Act, 2003.
- (xx) 'Nodal Officer' means an officer of the rank of Chief Engineer in Central Electricity Authority designated as designated by the Designated Authority.
- (xxi) 'Participating Entity' means the Applicant who has been granted approval by the Designated Authority to participate in cross border trade of electricity.
- (xxii) 'Peak Hours' is part of the day starting from 1800 hours and ending at 2100 hours Indian Standard Time (IST) or as declared by the NLDC;
- (xxiii) 'Power Exchange' is the institution for trading electricity, registered under the Central Electricity Regulatory Commission (Power Market) Regulations, 2010;
- (xxiv) 'Public Sector Undertaking (PSU)' shall mean a generating company owned/controlled by the Government of India, or state or territorial governments, or both.
- (xxv) 'Quarter' shall mean a period of three months commencing on the first day of April, July, October and January in a Financial Year.
- (xxvi) 'Rest of the Day' is remaining part of the day not covered under Peak Hours;
- (xxvii) '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.
- (xxviii) 'Transmission Planning Agency (TPA)' means agency responsible for Transmission System planning, coordination, monitoring and O&M in neighboring country for facilitating cross border trade of electricity with India.

(xxix) 'Tariff Policy' means tariff policy issued by Govt. of India and as amended from time to time.

(xxx) '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 objective of this CBR is

3.1.1. To lay down procedure for grant of approval to entities to participate in cross-border trade of electricity

3.1.2. To lay down procedure for safe, secure, reliable and coordinated operation of the interconnected national grids

3.1.3. To facilitate coordination with nodal agencies of neighboring countries for transmission system planning, joint system studies, surveys, preparation of feasibility study reports, system development, construction, erection, testing, commissioning, operation and maintenance of transmission system for cross-border trade of electricity in transparent manner.

4. Development of cross border transmission links

4.1. Planning of cross-border link

4.1.1. TPA of the neighboring country or the CTU may approach to the Designated Authority for the planning and development of a cross-border link.

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

4.1.3. The planning and development of a cross-border link involves the interconnection or strengthening of two national grids. It is an exercise requiring sharing of power system data and joint power system studies for ensuring smooth and secure integrated grid operation. Therefore, it is desirable that the proposal by the TPA is submitted after the in-principle approval of the national governments of the concerned country.

- 4.1.4. The proposal of the TPA of the neighboring country or the CTU shall contain the following minimum information:
- (i) Covering letter addressed to the Designated Authority;
 - (ii) In case of proposal of TPA of the neighboring country, Status of understanding between the concerned governments in term of in principle approval of the concerned national government or an MOU between them or a bilateral agreement or any other understanding;
 - (iii) Quantum of power to be traded between countries and timelines for commissioning of the transmission system for CBTE;
 - (iv) Whether power is to be traded from a specific existing generation plant or from the electricity market or a new generation plant to be set up its timelines, current status and adequate evidence of materialization of the generation plant as per timelines, status of financing arrangement, statutory approvals, possession of land etc. with a view to provide sufficient comfort to the Designated Authority that transmission assets would not remain stranded;
 - (v) Details of the existing cross-border and proposal for any additional feasible cross border links.
 - (vi) The proposal shall also contain the following information:
 - a) Information about the type of terrain, forest and wildlife sanctuary, if any;
 - b) Right of way constraints;
 - c) Law and order situation;
 - d) Preferred voltage level, type and configuration of conductor; and
 - e) Expected loading pattern and voltage variation on the link during peak and off-peak periods of the day.
 - (vii) The TPA shall have:
 - a) To share power system planning data and soft files for the desired time frames in confidence for the limited purpose of cross-border transmission planning;
 - b) To participate in joint power system studies; and
 - c) To implement the cross-border transmission scheme as per recommendations of the joint system study.

- 4.1.5. After receipt of the request, it would be examined by the Designated Authority in consultation with the CEA and CTU and clarifications or any other information, if any, would be sought.
- 4.1.6. After receiving requisite information, the Designated Authority may convene a meeting of Cross Border Transmission Planning Group. The main objective of this meeting shall be to assess the capacity of the existing cross border transmission links and associated transmission system in respective countries for CBTE considering the need for electricity trade in foreseeable future. The Group would arrive at a mutually acceptable cross-border transmission plan after the completion of requisite system studies.
- 4.1.7. In case, existing system is not adequate, the Designated Authority to identify system strengthening/augmentation of cross border link in consultation with CBTP Group. While finalizing the Cross Border Transmission Link, details of pooling station located in respective countries and their locations shall also be taken into consideration.
- 4.1.8. In case of disagreement on the recommendations of the CBTP Group the Designated Authority would hold a conciliation meeting failing which the matter would be taken up at the government level.
- 4.1.9. CEA and CTU shall carry out system study to assess system strengthening requirement of inter-state as well as intra-state transmission system in India. If there would be requirement of system strengthening, the Designated Authority may refer the issue to the Standing Committee on Power System Planning of concerned region and finalize the inter-state as well as intra-state transmission system to be used for Cross Border Transmission access.
- 4.1.10. The Designated Authority will communicate the finalized system of cross border link as well as associated transmission system to CEA and CTU.
- 4.1.11. After finalization of the cross-border transmission plan, it would be necessary to have adequate understanding between the concerned governments before taking up the preparation of a joint feasibility study report. 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.
- 4.2. Implementation, Monitoring & Coordination of Cross Border Transmission Link:

- 4.2.1. As normal practice, countries participating in CBTE will be responsible for implementing the cross-border transmission infrastructure in respective territory unless otherwise agreed.
- 4.2.2. 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 the provisions of the Tariff Policy.
- 4.2.3. Designated Authority and TPA of the neighbouring country 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.
- 4.2.4. CEA shall monitor the progress of the work in Indian Territory on monthly basis. The Designated Authority may review the progress on quarterly basis.
- 4.2.5. Any issue or hold up in the timely commissioning of the cross-border link and associated transmission system strengthening work in respective country shall be taken up by the Designated Authority for immediate resolution failing which the matter would be escalated at the government level.
- 4.2.6. 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.
- 4.2.7. 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.
- 4.2.8. The implementing agencies of respective country shall cooperate in exchanging information holding regular review meetings during the construction phase, coordination for the purpose of joint testing and commissioning including protection coordination, ensuring reliable communication system.

4.3. Commissioning of Cross Border Transmission Link:

- 4.3.1. 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.

- 4.3.2. In addition, CEA and TPA of the neighboring 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.
- 4.3.3. It shall be ensured that necessary protection system, data and voice communication system etc. has been commissioned before energization.
- 4.3.4. 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.
- 4.3.5. 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 respective country.
- 4.3.6. 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.

5. Coordination between the cross-border grid operators

5.1. Operating Philosophy

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

5.2. System Security Aspects

- 5.2.1. 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 a costly equipment is imminent and such isolation would prevent it

- When such isolation is specifically instructed after mutual agreement of the System Operators of the two Countries through specific messages exchanged to this effect.

5.2.2. 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.

5.2.3. 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. Protection Coordination

5.3.1. 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 of the ends. If necessary, the respective countries may also put into place Special Protection Schemes (SPS) to take care of any contingencies.

5.3.2. A periodic verification and validation of protection settings / systems shall be undertaken, by the respective countries. Protocol for compliance of the verification shall also be set up.

5.4. Manpower Requirements

5.4.1. The respective Countries shall ensure that the respective System Operators (Control Centers) and the Substation Control Rooms at either ends 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 also to be made available by the participating countries at their respective ends.

5.5. Operational Liaison

5.5.1. A well-defined protocol for information exchange between the System Operators 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 to be shared between both the participating countries through the respective System Operators.

5.6. Operating Instructions

5.6.1.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. Reactive Power Compensation

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

5.8. Outage Planning

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

5.9. Recovery Procedures

5.9.1.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 to be reviewed, confirmed and/or revised once every year. Mock trial runs shall be carried out at least once every six months under intimation to both the System Operators. Constraints, if any shall be detailed in advance.

5.10. Event Information

5.10.1. 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

5.10.2. 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. Assessment of Available Margins in cross border interconnections

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

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

6. Approval to participate in cross border trade of electricity

6.1. ELIGIBILITY OF APPLICANT & SUBMISSION OF APPLICATION

6.1.1. One-time approval for import of electricity by Indian Entities or Export by neighbouring country entities to India

- (i) As per clause 5.2.1 {(a), (b) & (c)} of the Guidelines, the Designated Authority shall grant one-time approval for:
 - (a) Import of electricity by Indian entities from Generation projects located outside India and owned or funded by Government of India or by Indian Public Sector Undertakings or by private companies with 51% or more Indian entity (entities) ownership;
 - (b) Import of electricity by Indian entities from projects having 100% equity by Indian entity and/ or the Government / Government owned or controlled company(ies) of neighbouring country.
 - (c) Import of electricity by Indian entities from licenced traders of neighbouring countries having more than 51% Indian entity(ies) ownership, from the sources as indicated in para (a) and (b) above.
- (ii) The Applicant shall submit the application to the Nodal Officer in the format enclosed as **Annex-I**.
- (iii) 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 and fresh approval shall be obtained.

6.1.2. One-time approval for Export of electricity by Indian distribution licensees / Public Sector Undertakings (PSUs) to neighbouring countries

- (i) As per clause 5.2.1 (d) of the Guidelines, the Designated Authority may grant one time approval for export of electricity by distribution licensees / Public Sector Undertakings (PSUs), if surplus capacity is available and self-certified by the concerned distribution licensee or the PSU.
- (ii) The Applicant shall submit the application to the Nodal Officer in the format enclosed as **Annex-II**.
- (iii) The Applicant shall submit self certification on affidavit declaring the availability of surplus quantum of power during the period of export.

6.1.3. Approval for Import/Export of electricity to/by Indian Entities on case to case basis

- (i) Any entity other than those listed under clause 5.2.1 of the Guidelines and intend to participate in CBTE may be permitted by the Designated Authority on case to case basis.
- (ii) The Applicant shall submit the application to the Nodal Officer in the format enclosed as **Annex-III**.
- (iii) Coal based Indian thermal power projects other than Public Sector Undertakings shall also submit certification of surplus capacity from the Designated Authority.

6.2. PROCESS OF GRANT OF APPROVAL

- (i) After receipt of the application, the proposal shall be examined from technical, strategic, national and economic point of view.
- (ii) The Designated Authority, may seek the comments from Ministry of Power, Ministry of External Affairs, CEA, CTU, POSOCO etc.
- (iii) Extant policy for use of domestic coal shall be considered.
- (iv) The Applicant may be asked to present its case before the Designated Authority.
- (v) After examining the details of the proposal, the Designated Authority may grant one time approval within 60 days from the date of receipt of the application complete in all respects. In case of case to case basis applications, the approval may be granted within 90 days from the date of receipt of the application complete in all respects.

- (vi) After approval of the Designated Authority, the participating entity shall approach concerned authorities in respective country for transmission access and other approvals.
- (vii) The regulations framed by CERC on CBTE shall be binding on all the participating entities.

6.3. OBLIGATION TO COMPLY WITH APPLICABLE LAWS

6.3.1. The grant of approval for participation in cross-border trade or certification of surplus capacity by the Designated Authority shall not entitle the applicant to any rights or privileges with regard to applicable laws, rules and regulations of India.

7. Certification of surplus capacity for export by Indian Thermal Power Projects

7.1. Any coal based Indian thermal power projects other than Public Sector Undertakings shall be eligible for export of electricity to neighboring countries only if surplus capacity is certified by the Designated Authority.

7.2. Process of certification of surplus power capacity for export by a such plant:

- (i) A coal based thermal power plant of India wanting to export power shall apply for certification of the Designated Authority for the exportable quantum of power in MW.
- (ii) The application shall contain the following details:
 - a) Sum of unit wise ex-bus capacity considering the installed capacity or de-rated installed capacity as applicable (MW): C_{stn}
 - b) Ongoing long term, medium-term and Short Term contracts (MW) in India: C_{ppa} , C_{med} , C_{short} (enclose copies of agreements)
 - c) Exportable surplus capacity(MW): $C_{stn} - \{C_{ppa} + C_{med} + C_{short}\}$
- (iii) After examining the details of the proposal, the Designated Authority may certify the surplus capacity of the power project within 60 days from the date of receipt of the application complete in all respects.

8. Notifying the quantum of electricity for cross-border electricity trade through power exchanges

8.1. The Designated Authority shall prescribe the quantum of electricity that can be traded under CBTE in Indian Power Exchanges from time to time.

8.2. The quantum of electricity that can be traded under CBTE in Indian power exchanges shall be notified in first month of each quarter and would be computed as follows :

8.2.1. Average of daily un-cleared quantity in MW on day ahead power market shall be calculated separately for Peak Hours and Rest of the Day for the whole quarter (V1);

8.2.2. Average daily cleared cross-border export in all allowed products on the Power Exchanges shall be calculated separately for Peak Hours and Rest of the Day for the whole quarter (V2);

8.2.3. Approved quantum for export in MW for each day of the next quarter, for Peak Hours and Rest of the Day for all allowed Power Exchange products shall be equal to $[0.75 (V1) + V2]$;

8.2.4. The requisite information of V1 and V2 for Peak Hours and for Rest of the Day as per the above formulation supported by full details certifying the correctness of the information shall be furnished by the Power Exchanges to the Designated Authority by the next day of quarter ending.

8.3. The quantum of electricity notified by the Designated Authority shall remain applicable till the time new quantum is notified by the Designated Authority.

8.4. There will be no limits for import of power by Indian entities through power exchanges.

8.5. The quantum of electricity that can be traded in all allowed products in Indian Power Exchanges shall be subject to margins available in cross border transmission links.

9. Office of the Designated Authority

9.1. The place of the offices of the Designated Authority shall be same as the office of Member (Power System), Central Electricity.

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 act 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.

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 translation thereof in English.

11. Officers and staff of the Designated Authority

11.1.The Designated Authority may designate officers of Central Electricity Authority to assist in smooth functioning of the office. The officers of CEA will not be entitled for additional remuneration.

11.2.One officer of the rank of Chief Engineer of Central Electricity Authority shall be designated as Nodal officer.

11.3.The Nodal officer shall carry out the following functions on behalf of Designated Authority:

11.3.1. shall have custody of the records the Designated Authority;

11.3.2. shall receive or cause to receive all applications or reference pertaining to the Designated Authority and acknowledge them

11.3.3. make correspondence on behalf of Designated Authority

11.3.4. shall assist the Designated Authority in the works relating to the powers exercisable by the Designated Authority;

11.4.In the absence of the Nodal officer, Designated Authority may designate any other officer of Central Electricity Authority to for exercising the functions of the Nodal Officer.

11.5.The Designated Authority may take services of such other persons and such other facilities as it deems fit in consultation with Ministry of Power.

12. Indemnification

12.1.The Designated Authority shall, in any form, not 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.

13. Removal of Difficulties

13.1.Should any difficulty arises 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 One-time approval of Designated Authority for import of electricity by Indian Entities/Export by entities of neighbouring country

- 1) Name of Applicant :
- 2) Type of entity (Generating company/trading licensee/Distribution licensee)
- 3) If Indian Entity
 - a. Whether trading licensee/Distribution licensee (If yes, validity of the license (Enclose a copy of license))
 - b. Date of registration in India (Enclose Certificate of incorporation)
 - c. Corporate Identification Number (CIN) of the Applicant
- 4) If entity of neighbouring country
 - a. Date of registration in neighbouring country (Enclose Certificate of incorporation)
 - b. If trading licensee
 - i. Validity of trading licence/permit (Enclose a copy of license/permit)
 - ii. Authorized & paid up capital and share holding pattern of the company (Enclose Articles and Memorandum of Association of the company or any other document as material evidence to show compliance with the ownership condition stipulated in para 6.1.1 (c) of the CBR)
- 5) Address for Correspondence :
- 6) Contact Details
 - Name of Authorised Person :
 - Designation :
 - Phone No. (Landline) :
 - Phone No. (Mobile) :
 - Fax :
 - E-Mail :
- 7) Nature and Tenure of approval required
 - a. Quantum in MW :

- b. Time period :
 - c. Injection Point pooling station (substation/country)
- 8) 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 of the 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 6.1.1 (a) and (b) of the CBR)
 - (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)

(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 One-time approval of Designated Authority for
Export of electricity by Indian Entities**

- 1) Name of Applicant :
- 2) Type of Indian entity [PSU/Distribution licensee]
- 3) If PSU, details of shareholding pattern
- 4) If Distribution licensee, Validity of the license (Enclose a copy of license)
- 5) Date of registration in India (Enclose Certificate of incorporation)
- 6) Corporate Identification Number (CIN) of the Applicant
- 7) Address for Correspondence :
- 8) Contact Details
 - Name of Authorised Person :
 - Designation :
 - Phone No. (Landline) :
 - Phone No. (Mobile) :
 - Fax :
 - E-Mail :
- 9) Nature and Tenure of export :
 - a. Quantum (MW)
 - b. Time Period
 - c. Injection Point
- 10) In case of generating company is a PSU, details of Generating Station located in India from where electricity is to be exported
 - (i) Name of Generating Station and Type of Generation (Hydro / coal based/ Gas Based / Renewable sources/Other(specify))
 - (ii) Type and source of fuel (Domestic coal/Imported coal/APM gas etc.)
 - (iii) Location
 - a) Village/Town/City :
 - b) State :
 - c) Postal Code
 - d) Longitude :
 - e) Latitude :
 - (iv) 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 :

.....

(v) 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.

(vi) Details of Power Purchase Agreement from the generating station (enclose copies of PPA) and undertaking that the power proposed to be exported is not under dispute

(vii) In case of state PSU, submit no objection certificate (NOC) from Discoms of the state

11) In case of Discom,

a. Demand of power in MW during application period

b. Availability of power in MW (own generation + PPA+ Allocations+ other contracts) (Enclose relevant documents)

c. Declared surplus power in MW (Submit self certification declaring surplus power quantum during the period of export on affidavit)

d. Enclose Monthly Power supply position of recent one year

(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 Import/Export of electricity to/by Indian Entities on case to case basis

- 1) Name of Applicant :
- 2) Type of entity (Generating company/trading licensee/Distribution licensee)
- 3) Address for Correspondence :
- 4) Contact Details
 - Name of Authorised Person :
 - Designation :
 - Phone No. (Landline) :
 - Phone No. (Mobile) :
 - Fax :
 - E-Mail :
- 5) For Indian Entity
 - a. Date of registration in India (Enclose Certificate of incorporation)
 - b. Corporate Identification Number (CIN) of the Applicant
 - c. Approval required for Export of Electricity
 - i. Whether trading licensee/Distribution licensee (If yes, Validity of the license (Enclose a copy of license))
 - ii. If coal based thermal power plant (enclose certificate from Designated Authority in support of surplus capacity)
 - iii. Importing entity with country
 - d. Approval required for Import of Electricity
 - i. Whether trading licensee/Distribution licensee (If yes, Validity of the license (Enclose a copy of license))
 - ii. Exporting entity with country
- 6) For entity of neighbouring country
 - a. Date of registration in neighbouring country (Enclose Certificate of incorporation)
 - b. Approval required for Export/Import of Electricity
 - i. If trading licensee, Validity of trading licence/permit (Enclose a copy of license/permit)

- ii. Authorized & paid up capital and share holding pattern of the company (Enclose Articles and Memorandum of Association of the company)
 - iii. Importing/Exporting entity of India
- 7) Nature and Tenure of approval required
 - a. Injection point (sub-station - Country)
 - b. Drawal Point (sub-station - Country)
 - c. Quantum in MW :
 - d. Time period :
- 8) Details of Generating Station from where electricity is to be imported to India/Exported from India
 - (i) Name of Generating Company (Enclose Certificate of incorporation)
 - (ii) In case, generating company is located outside India, Authorized & paid up capital and share holding pattern of the company (Enclose Articles and Memorandum of Association of the company)
 - (iii) Name of Generating Station and Type of Generation (Hydro / coal based/ Gas Based / Renewable sources of generation)
 - (iv) Type and source of fuel (Domestic coal/Imported coal/APM gas etc.)
 - (v) Location
 - a) Village/City :
 - b) State /Province/Region:
 - c) ZIP/Postal Code
 - d) Country
 - e) Longitude :
 - f) Latitude :
 - (vi) 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 :
 -
 - (vii) whether the generating station is under construction? If yes. Present status of the generation project containing 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.

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

(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.