



National Electric Power Regulatory Authority Licensing (Application, Modification, Extension and Cancellation) Procedure Regulations, 2021

NOTIFICATION

Islamabad, the 27 of April, 2021

S.R.O. 521(I)/2021.— In exercise of the powers conferred by section 47, read with sections 7(2)(a) and 26 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), the National Electric Power Regulatory Authority hereby notifies the following regulations, namely:—

PART I Definitions

1. **Title, Commencement and Applicability.**— (1) These regulations may be called the National Electric Power Regulatory Authority Licensing (Application, Modification, Extension and Cancellation) Procedure Regulations, 2021.

(2) These regulations shall come into force at once.

(3) These regulations shall not apply to cases of net-metering, licenses under sections 23A, 23C and 23G of the Act and registrations under section 25A of the Act.

2. **Definitions.**— (1) In these regulations, unless there is anything repugnant in the subject or context,—

(a) "Act" means the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997);

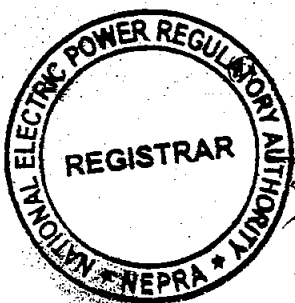
(b) "application" means an application made by a person, in hard copy form or in electronic form, in accordance with the provisions of these regulations and shall, where the context so permits, include the documents-in-support, and "applicant" shall be construed accordingly;

(c) "Authority Proposed Modification" means a modification to a license proposed by the Authority;

(d) "captive generating plant" means a power plant setup by any person to generate electricity primarily for his own use and includes a power plant setup by any cooperative society or association of persons for generating electricity primarily for use of members of such co-operative society or association;

(e) "Companies Act" means the Companies Act, 2017 [Act No. XIX of 2017];

"documents-in-support" means the documents to be provided with an application, or subsequently, in accordance with these regulations;



- (g) "information" includes documents, accounts, reports, records, data, returns or estimates of any description;
- (h) "Licensee Proposed Modification" means a modification to a license proposed by the licensee;
- (i) "Modification by Operation of Law" means a modification to a license to give effect to any change in law or the rules and regulations that licensees must comply with;
- (j) "prospectus" means the report prepared by an applicant setting out –
- (i) a brief introduction of the applicant;
 - (ii) the salient features of the facility or the system in respect of which the license is being sought;
 - (iii) the proposed investment; and
 - (iv) the social and environmental impact of the proposed facility or system in non-technical and commonly understood language;
- (k) "Registrar" means the officer of the Authority appointed to perform the functions of the Registrar as laid down in these regulations.

(2) Words and expressions used but not defined in these regulations shall have the same meaning as in the Act and rules and regulations made thereunder.

PART II Grant of license

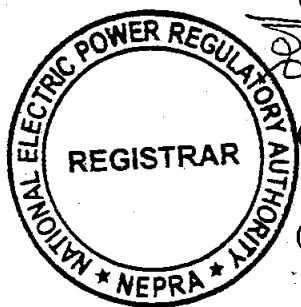
3. Application for grant of license.— (1) Any person required to obtain a license under the Act shall make an application to the Authority for grant of license in the form specified in Schedule I of these regulations and such application shall be accompanied by an application fee for the consideration and processing of the application, calculated in accordance with Schedule II of these regulations.

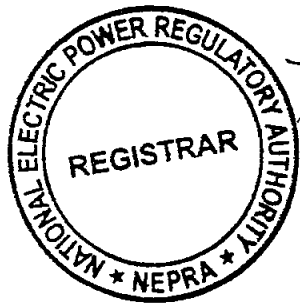
(2) Any person desirous of undertaking electric power services relating to generation, transmission, distribution, supply or sale of electric power and all other services incidental thereto that require a license under the Act shall obtain a separate license for each such electric power service:

Provided that this requirement shall not be applicable to persons deemed to be licensed for supply of electric power under the proviso of sub-section (1) of section 23E of the Act.

- (3) An application for a license shall be submitted in triplicate.
- (4) The following information and documents-in-support shall be filed for grant of license
 - (a) applicable documents-in-support and information set out in Schedule III of these regulations;
 - (b) a prospectus;
 - (c) in case of an applicant being a company incorporated under the Companies Act –

- (i) certified copies of –
 - (A) certificate of incorporation;
 - (B) memorandum and articles of association;
 - (C) annual reports of the company;
 - (ii) the last annual return of the Company submitted in compliance of section 130 of the Companies Act or, in case of an applicant to whom section 130 of the Companies Act does not apply, a return comprising of all such information and particulars as required by the specified form under section 130 of the Companies Act, as the case may be;
 - (iii) the authorised, issued, subscribed and paid up share capital of the applicant;
 - (iv) the shareholding pattern of the applicant including list of shareholders holding 5% or more shares, number of shares held by each of them and percentage shares of the total paid-up capital;
- (d) evidence of adequate financial and technical resources available to the applicant for the purposes of undertaking related electric power services for which application for grant of license has been filed, including –
- (i) evidence of cash balances held in reserve by the applicant, along with bank certificates;
 - (ii) details of charges or encumbrances attached to the applicant's assets, if any;
 - (iii) latest audited financial statements of the applicant;
 - (iv) expressions of interest to provide credit or financing along with sources and details thereof;
 - (v) documents describing the net worth and the equity and debt ratios of the applicant, as on the date of the audited balance sheet accompanying the application;
 - (vi) a reasonably detailed profile of the applicant and the applicant's senior management, technical and professional staff;
 - (vii) employment records of engineering and technical staff of the applicant proposed to be employed;
 - (viii) profile of sub-contractors, if any, along with expressions of interest of such sub-contractors;
 - (ix) verifiable references in respect of the experience of the applicant and its proposed sub-contractors;
- (e) technical and financial proposals in reasonable detail for the operation, maintenance, planning and development of the facility or system in respect of which the license is being sought;





- (f) in case of a license for a new facility or system, a detailed feasibility study specifying in detail –
- (i) the type, technology, model, technical details, operational characteristics, system interconnection, and design of the facilities or systems proposed to be constructed, developed or installed;
 - (ii) the expected life of the facility or the system;
 - (iii) the location of the facility or system, or the territory with outer boundaries within which the facility or system is proposed to be installed and operated by the licensee, along with maps and plans;
 - (iv) fuel type and availability;
 - (v) infrastructure project cost, financing plan, financing terms, tariff calculations and assumptions of financial calculations including economic/financial analysis;
 - (vi) the type and details of the services proposed to be provided; and
 - (vii) the environmental impact of the facility, system or project:

Provided that in case where letter of intent is issued by the relevant agency, the applicant shall submit feasibility study duly approved by the panel of experts of that agency.

- (g) an affidavit stating whether the applicant has been granted any other license under the Act;
- (h) a duly authorised statement stating whether the applicant has been refused grant of license under the Act and, if so, the particulars of the refused application, including date of making the application and decision on the application;
- (5) In case of a person desirous to seek license for the purpose of selling electric power from its captive generating plant, shall provide the applicable documents-in-support and information set out in Schedule III of these regulations.
- (6) An application for license shall be accompanied with board resolution(s) of the company or, in case of an unincorporated entity an authority letter, duly authorizing the application and its particulars.
- (7) The applicant shall submit an affidavit as to the correctness, authenticity and accuracy of the application, documents and information submitted.
- (8) The applicant shall also furnish a bank guarantee equivalent to applicable annual license fee for two year.
- (9) Notwithstanding anything contained in these regulations, the Authority may require the applicant to provide further information or furnish any other document-in-support at the time of the submission of the application or at any stage thereafter.

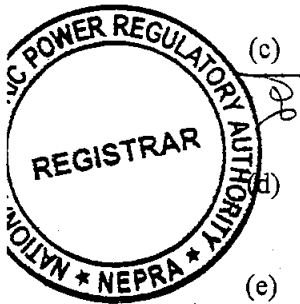
4. **Unincorporated applicants.**— An applicant, not being a company incorporated under the Companies Act, shall seek an exemption from the Authority pursuant to and for the purposes of

section 24 of the Act and such application shall state the grounds on which the exemption has been sought and shall include such documents-in-support and information as may be required by the Authority.

5. **Eligibility criteria.**— (1) The Authority shall, in considering an application for grant of license, take into account the eligibility criteria prescribed for each category thereof.

(2) Notwithstanding an applicant meeting the applicable eligibility criteria, the Authority may decline grant of license where the Authority determines that –

- (a) the investments associated with the proposed electric power facility are not justifiable in view of the needs of the electric power industry;
- (b) the applicant has failed to demonstrate the existence of the demand for the proposed facility or system;
- (c) the associated requirements of the electric power industry warrant the installation of electric power facilities or systems with technical, financial or characteristics other than those of the proposed electric power facility or system;
- (d) among competing applicants, another applicant qualifies better in terms of quality of equipment, plant, service, price or costs; or
- (e) the site proposed by the applicant is not suitable on environmental, social or other grounds.



6. **Application procedure.**— (1) An application shall be delivered to the Registrar with-

- (a) all required information and documents-in-support as required under regulation 3;
- (b) an application in the form set out in Schedule I of these regulations; and
- (c) application fee as set out in Schedule II of these regulations.

(2) The Registrar shall, within fifteen (15) working days following the date of receipt of an application, ascertain whether the information, documents and draft studies/reports marked as (*) under regulation (3) have been submitted with the application.

(3) Where an application is found to be incomplete or deficient, the applicant shall be notified by the Registrar to furnish the deficient information and documents within fifteen (15) working days of receipt of said notice:

Provided that the Registrar may extend the time for submission of deficient information and documents for a period not exceeding fifteen (15) working days.

(4) In case an applicant fails to remedy the incompleteness or deficiencies in the application within the time period allowed under sub-regulation (3), the application shall be returned to the applicant by the Registrar.

Provided that where the application is re-submitted without remedy the incompleteness or deficiencies, the matter shall be referred to the Authority for decision regarding completeness of application.

(5) An application for grant of license shall be deemed to be duly filed only where the information and documents as mentioned under sub-regulation (2) have been submitted by the applicant.

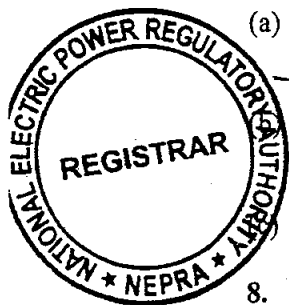
(6) Where an application has been deemed to be duly filed in compliance with this regulation 5, the Registrar shall –

- (a) allot a registration number to the application; and
- (b) forward the application to the concerned department for processing.

(8) In case an application for grant of license is withdrawn by the applicant prior to allotment of registration number and returned by the Registrar in terms of sub-regulation (4), the applicant may seek refund of paid application fee.

Provided that in case an application for grant of license is returned by the Authority in terms of proviso to sub-regulation (4), the paid application fee shall not be refunded.

7. **Advertisement.**— Within five (05) working days of allotment of registration number under sub-regulation (7) of regulation 6 of an application, the Registrar shall publish in two daily newspapers –



- (a) a brief summary of the particulars of the project for which grant of license has been sought;
- an invitation to the general public to submit comments to the Registrar within a period of fifteen (15) working days from the date of the publication; and
- such other information as the Authority may deem fit.

8. **Consideration of application.**— (1) The application, along with comments received from the public pursuant to regulation 7, if any, and the rejoinder of the applicant on the public comments, if sought by the Authority, shall be forwarded for final consideration of the Authority for grant of license.

(2) Notwithstanding the provisions of regulation 7, the Authority may invite any person to provide comments, or otherwise assist the Authority, in the final consideration of an application.

(3) An application under final consideration of the Authority shall be decided within twenty-eight (28) working days following forwarding of the same in terms of sub-regulation (1).

Provided that, if deemed necessary, the time period for consideration may be extended by the Authority for reasons to be recorded.

Provided further that the time taken, if any, by the applicant in making a representation before the Authority in terms of sub-regulation (5) shall be excluded from the time period referred under this sub-regulation (3).

(4) Any additional information or documents-in-support necessary to conclude the final consideration process may be required from the applicant and authorized representatives of the applicant may be required to appear before the Authority for its assistance.

(5) The Authority may allow an opportunity to the applicant to make a representation before rejection of the application and, upon being notified of such opportunity, the applicant may make a representation within a period not exceeding fourteen (14) working days following the receipt of the aforesaid notice from the Authority.

(6) In the event that the Authority rejects an application, the grounds for such rejection shall be notified to the related applicant.

(7) Subject to the applicable provisions of the Act and the rules and regulations made pursuant thereto, the grant of a license for any purpose shall not in any way hinder or restrict the grant of a license to another person within the same territory for a like purpose.

PART III Modification of license

9. **Types of modification.**— (1) Any provision or condition of a license, other than the term of license, may be modified through –

- (a) a Licensee Proposed Modification;
- (b) an Authority Proposed Modification; or
- (c) a Modification by Operation of Law.

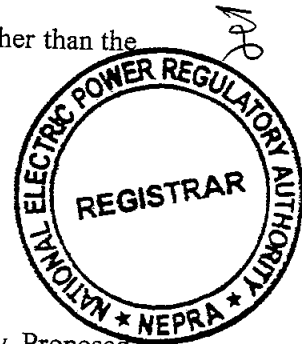
(2) The Authority may modify a license in accordance with an Authority Proposed Modification or a Licensee Proposed Modification, subject to and in accordance with such further changes as the Authority may deem fit if, in the opinion of the Authority, such modification –

- (a) will not adversely affect a licensee's performance of its obligations;
- (b) is reasonably necessary for the licensee to effectively and efficiently perform its obligations under the license;
- (c) is likely to benefit consumers; or
- (d) is reasonably necessary to ensure the continuous, safe and reliable supply of electric power to consumers, keeping in view the financial and technical viability of the licensee;

(3) Subject of sub-regulation (2), a Licensee Proposed Modification shall not lie if, in the opinion of the Authority, such modification –

- (a) proposes a substantial modification to the scope, scale or parameters of the electric power services being undertaken under the original license;
- (b) necessitates a substantial modification, revision or augmentation in the documents, studies, authorizations or certifications on the basis of which the original license had been granted;
- (c) is not sufficiently accounted for by the documents, studies, authorizations or certifications on the basis of which the original license had been granted; or
- (d) is contrary to the provisions of the Act or the rules and regulations made thereunder.

Provided that an applicant whose Licensee Proposed Modification has been rejected on the grounds set out in sub-regulation (3) and the original license becomes redundant, it shall stand revoked subject to license fee and rights or liabilities that may have accrued under the rules and regulations or in pursuance of the license.



Provided further the applicant whose License Proposed Modification has been rejected shall not be precluded from filing a fresh application for grant of license.

(4) The Authority may modify a license in accordance with a Modification by Operation of Law where such modification is necessary to give effect to any change in law or the rules and regulations that licensees must comply with.

10. Licensee Proposed Modification.— (1) A licensee may, at any time during the term of a license, communicate to the Authority a Licensee Proposed Modification setting out the –

- (a) type or category of license proposed to be modified;
- (b) text of the proposed modification;
- (c) reasons in support of the modification; and
- (d) the impact, if any, of the proposed modification on tariff, quality of service or fulfillment of license obligations.

(2) An application for a Licensee Proposed Modification shall be filed with the Registrar containing the following information and documents, namely –

- (a) the information required under sub-regulation (1) and all documents-in-support in relation thereto;
- (b) application fee as set out in Schedule II of these regulations;
- (c) board resolution(s) of the company or, in case of an unincorporated applicant an authority letter, duly authorising the application and its particulars;
- (d) an affidavit as to the correctness, authenticity and accuracy of the application, documents and information submitted; and
- (e) such other information as may be called for by the Authority from time to time.

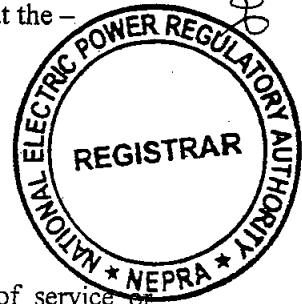
(3) Within seven days of receipt of a licensee proposed modification by the Registrar, the Registrar shall publish the licensee proposed modification in one English and one Urdu daily newspaper, inviting comments from the public within a period of fourteen (14) days of the date of publication.

(4) Subject to sub-regulations (2) and (3) of regulation 9, an application for a Licensee Proposed Modification may be approved, with or without changes, or rejected by the Authority, in each case for reasons to be recorded in writing.

Provided that an applicant whose Licensee Proposed Modification has been rejected on the grounds set out in sub-regulation (3) of regulation 9 shall not be precluded from filing a fresh application for grant of license.

(5) In case the applicant withdraws its application prior to publication of the licensee proposed modification under sub-regulation (3), the applicant may seek refund of paid application fee.

11. Authority Proposed Modification and Modification by Operation of Law.— (1) The Authority may, at any time during the term of a license, communicate to the licensee an Authority Proposed Modification or a Modification by Operation of Law setting out –



- (a) the type or category of license proposed to be modified;
- (b) the text of the proposed modification;
- (c) a statement of reasons in support of the proposed modification;
- (d) in case of an Authority Proposed Modification, the public interest to be served from the proposed modification; and
- (e) in case of a Modification by Operation of Law, the change in law or rules and regulations necessitating the proposed modification.

(2) If a licensee communicates its consent to the proposed modification communicated under sub-regulation (1) within fifteen (15) working days following the communication of said modification, the Authority shall modify the concerned license in accordance with the modification communicated to the licensee under sub-regulation (1).

(3) In case a licensee does not communicate its consent to the proposed modification communicated under sub-regulation (1) within fifteen (15) working days following the communication of said modification, it shall be deemed that the licensee has refused to the proposed modification.

(4) If a licensee communicates its refusal to the proposed modification communicated under sub-regulation (1), the Authority shall fix a time, date and place for public hearing to be held no later than thirty (30) working days following the communication of refusal by the licensee.

Provided that the time frame fixing a public hearing on the matter may be extended by the Authority.

(5) The Authority may call for any information in the possession or control of the licensee or any other person, or may allow the licensee to call for any information available with the Authority or in the possession or control of any other person, which in the opinion of the Authority is material and relevant to the proceedings.

(5) Pursuant to the public hearing(s) conducted under this regulation 11, the Authority may decide within ninety (90) days from communication of proposed modification to approve, with or without changes, or withdraw/reject a proposed modification under sub-regulation (1), in each case for reasons to be recorded.

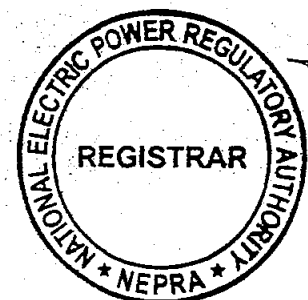
12. Advertisement. – Where a license is modified under these regulations, the Authority shall cause to be published, in one English and one Urdu newspaper, the substance of the modification in such form and content as may be determined by the Authority.

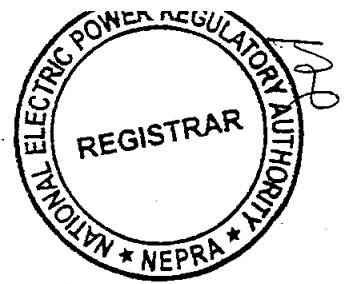
PART IV

Extension or Renewal of Term of License

13. Extension or Renewal of term of license.– (1) A licensee shall submit ninety (90) days before expiry of the license an application to the Authority for extension or Renewal of the term of license setting out –

- (a) the type or category of license proposed to be extended;
- (b) the proposed time period of extension;





- (c) a statement of reasons in support of the extension;
 - (f) application fee as set out in Schedule II of these regulations;
 - (g) board resolution(s) of the company or, in case of an unincorporated applicant an authority letter, duly authorising the application and its particulars;
 - (h) an affidavit as to the correctness, authenticity and accuracy of the application, documents and information submitted; and
 - (i) such other information as may be called for by the Authority from time to time.
- (2) The Authority may extend or renew the term of a license in accordance with an application duly filed under sub-regulation (1), subject to and in accordance with such further changes as the Authority may deem fit, if in the opinion of the Authority such extension –
- (a) is in the interests of the consumers and the electric power industry as a whole;
 - (b) is reasonably necessary to ensure the continuous, safe and reliable supply of electric power to consumers, keeping in view the financial and technical viability of the licensee;
 - (c) is suitable on environmental grounds; and
 - (d) is justified keeping in view the performance of the licensee during the expiring term; and

PART V Cancellation of license

14. Cancellation of license.– (1) A licensee may, at any time during the term of a license, submit an application to the Authority for cancellation of license setting out –

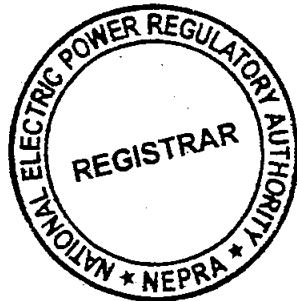
- (a) a statement of reasons relating to the cancellation of license being sought;
 - (b) whether the licensee carries any liabilities or obligations, at the time of making the application for cancellation of license and whether these will be affected if cancellation of license is granted; and
 - (c) application fee as set out in Schedule II of these regulations;
 - (d) board resolution(s) of the company or, in case of an unincorporated applicant an authority letter, duly authorising the application and its particulars;
 - (e) an affidavit as to the correctness, authenticity and accuracy of the application, documents and information submitted; and
 - (f) such other information as may be required by the Authority.
- (2) The Authority may cancel a license where it deems that such cancellation will not adversely affect the electric power industry or any rights or liabilities that may have accrued under the rules and regulations or in pursuance of the license being cancelled.

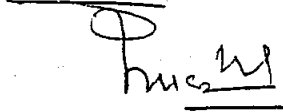
PART VI
Miscellaneous

15. **Confidentiality.**— In any application, document-in-support or information required to be furnished under these regulations, the applicant or the licensee may, as the case may be, request the Authority to permit the applicant or the licensee to withhold information the disclosure of which may materially and adversely affect the commercial interests of the applicant or the licensee, or in respect of which the applicant or the licensee is under a contractual or other valid and enforceable obligation of non-disclosure, provided that, the Authority shall have the power to call for review such information in order to determine whether or not to allow the request for confidentiality by the applicant or the licensee.

16. **Repeal.**— The National Electric Power Regulatory Authority Licensing (Application & Modification Procedure) Regulations, 1999 hereby stand repealed.

17. **Savings.**— Save as otherwise specifically provided, nothing in these regulations, or any repeal effected thereby, shall affect or be deemed to affect anything done, action taken, determination, approval, document or agreement made, fee directed, direction or order given, proceedings taken or instrument executed or issued, under or in pursuance of any regulation repealed by these regulations and any such thing, action, order, determination, document, agreement, fee, direction, proceedings or instrument shall, if in force at the commencement of these regulations and not inconsistent with any of the provisions of these regulations, continue to be in force, and have effect as if these were respectively done, taken, commenced, made, directed, passed, given, executed or issued under these regulations or the law as amended by these regulations.




27 04 21
(Syed Safeer Hussain)
Registrar



SCHEDULE I
(regulation 3(1))

FORM OF APPLICATION

The Registrar
National Electric Power Regulatory Authority

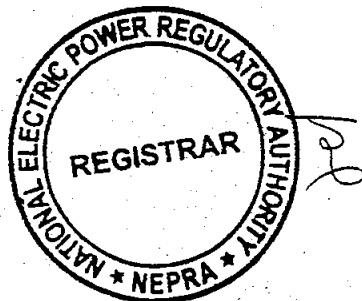
Subject: Application for Grant of [GENERATION / TRANSMISSION / NATIONAL GRID COMPANY / PROVINCIAL GRID COMPANY / SPECIAL PURPOSE TRANSMISSION / DISTRIBUTION / ELECTRIC POWER SUPPLY] License

I, [NAME, DESIGNATION], being the duly authorized representative of [NAME OF APPLICANT COMPANY] by virtue of [BOARD RESOLUTION / POWER OF ATTORNEY] dated [DATE], hereby apply to the National Electric Power Regulatory Authority for the grant of a [GENERATION / TRANSMISSION / NATIONAL GRID COMPANY / PROVINCIAL GRID COMPANY / SPECIAL PURPOSE TRANSMISSION / DISTRIBUTION / ELECTRIC POWER SUPPLY LICENSE] to the [NAME OF APPLICANT COMPANY] pursuant to section [] of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997.

I hereby certify that the documents-in-support attached with this application are prepared and submitted in conformity with the provisions of the National Electric Power Regulatory Authority Licensing (Application, Modification, Extension and Cancellation) Procedure Regulations, 2021, and undertake to abide by the terms and provisions of the above-said regulations. I further undertake and confirm that the information provided in the attached documents-in-support is true and correct to the best of my knowledge and no material omission has been made.

A [BANK DRAFT / PAY ORDER] in the sum of Rupees [], being the license application fee calculated in accordance with Schedule II to the National Electric Power Regulatory Authority Licensing (Application, Modification, Extension and Cancellation) Procedure Regulations, 2021, is also attached herewith.

Date: _____



Signature

[Name, Designation]

Company Seal

SCHEDULE II
(regulations 3(1), 6(1)(c), 10(2) and 13(1)(f))

TABLE OF FEES

PART I

Fees for Grant, Extension of Term or Modification of License

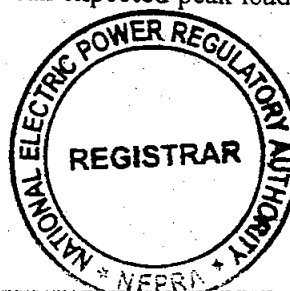
Category of Licenses	Fees (Rs.)
Generation *	
upto to 20 MW	300,000
More than 20 MW upto 50 MW	500,000
More than 50 MW upto 100 MW	750,000
More than 100 MW	1,500,000
Transmission	
National Grid Company	1,000,000
Provincial Grid Company	1,000,000
Special Purpose Transmission	1,000,000
Distribution **	
upto to 5 MW	500,000
More than 5 MW upto 10 MW	750,000
More than 10 MW upto 25 MW	1,500,000
More than 25 MW	2,500,000
Electric Power Supply ***	
upto to 20 MW	750,000
More than 20 MW upto 50 MW	1,500,000
More than 50 MW upto 100 MW	2,500,000
Above 100 MW	3,000,000

The fees for processing an application for grant of license, an application for extension of term of the same license and an application for modification of the same license shall be the same.

Note: MW Capacity in case of a generation facility shall mean the ISO Gross Capacity as mentioned in * the application.

** MW Capacity in case of a distribution facility shall mean 85% of the accumulated installed or expected to be installed Transformation Capacity as mentioned in the application.

*** MW Capacity in case of electric power supply shall mean expected peak load to be served in the area as mentioned in the application.



PART II
(regulation 14(1)(c))

Fees for Cancellation of License

Category of License	Fees (Rs.)
Any License	200,000

PART - III

INDEXATION OF FEES

1. Any and all fees payable pursuant to these regulations, shall be indexed to the National Consumer Price Index ("N-CPI") published from time to time by the Pakistan Bureau of Statistics.
2. The indexation shall be done on the basis of the most recent N-CPI prevailing on the date of payment of the fee and shall be increased or decreased, as the case may be, in accordance with the following formula:

$$F_{pd} = F_t [N-CPI_{pd} / N-CPI_{rd}]$$

Where

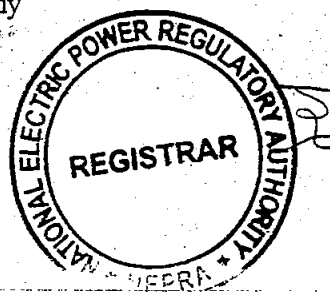
- F_{pd} = The actual fee payable on the date of payment.
- F_t = The respective fee set out in Part-I of this Schedule.
- $N-CPI_{pd}$ = The most recent N-CPI (Base Year 2015-16) prevalent on the last day of the month immediately preceding the month in which the payment is due.
- $N-CPI_{rd}$ = The reference or base N-CPI (Base Year 2015-16) prevalent on the last day of the month in which these regulation are notified in the Official Gazette.

SCHEDULE III
(regulation 3(4)(a))

A. GENERATION

(a) NEW GENERATION FACILITY (ALL OTHER THAN HYDEL AND RENEWABLE)

1. Fuel Supply Agreement
2. Interconnection Study
3. Environment Impact Assessment Study



4. Information relating to:
 - i. Location (location maps, site map, land)
 - ii. Technology, size of the plant, number of units
 - iii. Fuel (type, imported/indigenous, supplier, logistics, pipeline etc.)
 - iv. Emission values
 - v. Cooling water source (tube wells, sea/river/canal etc.) and distance from source
 - vi. Infrastructure (roads, rail, staff colony, amenities, etc.)
 - vii. Project commencement and completion schedule (with milestones)
 - viii. Safety and emergency plans
 - ix. Plant characteristics (generation voltage, frequency, power factor, automatic generation control, ramping rate, alternative fuel, auxiliary consumption, time(s) required to synchronize to grid)
 - x. Control, metering, instrumentation and protection
 - xi. Efficiency Parameters:
 - (i) Designed Efficiency of power plant (%)
 - (ii) Gross Efficiency of power plant at Mean Site Conditions (%)
 - (iii) Net Efficiency of power plant at Mean Site Conditions (%)

(b) EXISTING GENERATION FACILITY (ALL OTHER THAN HYDEL AND RENEWABLE)

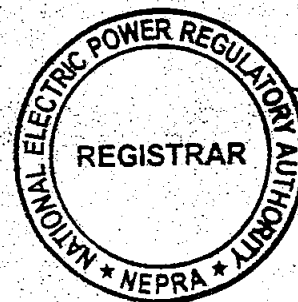
1. Fuel Supply Agreement
2. Due Diligence Report
3. Operational Records (including environmental monitoring data and dispatch constraints) for the last five years
4. Information relating to:
 - i. Location (location maps, site map, land)
 - ii. Technology, size of the plant, number of units
 - iii. Fuel (type, imported/indigenous, supplier, logistics, pipeline etc.)
 - iv. Emission values
 - v. Cooling water source (tube wells, sea/river/canal etc.) and distance from source



- vi. Interconnection with national grid company (distance and name of nearest grid, voltage level (single line diagram))
- vii. Installed capacity, derated capacity, expected remaining life
- viii. Past and future rehabilitation plans and programmes
- ix. Project cost, information regarding sources and amounts of equity and debt
- x. Plant characteristics (generation voltage, frequency, power factor, automatic generation control, ramping rate, alternative fuel, auxiliary consumption, time(s) required to synchronize to grid)
- xi. Training and development
- xii. Efficiency Parameters:
 - (i) Designed Efficiency of power plant (%)
 - (ii) Gross Efficiency of power plant at Mean Site Conditions (%)
 - (iii) Net Efficiency of power plant at Mean Site Conditions (%)

(c) NEW GENERATION FACILITY (HYDEL)

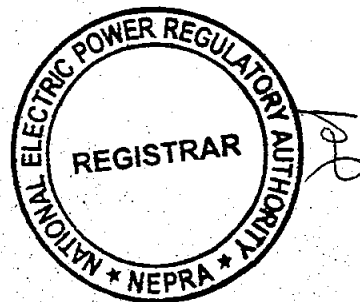
- 1. Environmental and Social Soundness Assessment (ESSA) study/report
- 2. Interconnection Study
- 3. System studies (load flow, short circuit, stability, etc.)
- 4. Information relating to:
 - i. Location (location maps, site map, land)
 - ii. Plant Type (run of the river, storage, weir)
 - iii. Plant characteristics: generation voltage, power factor, frequency, automatic generation control, ramping rate, control metering and instrumentation)
 - iv. Head (minimum, maximum)
 - v. Technology (Francis, Pelton, etc.) size of the plant and number of units
 - vi. Tunnel (length, diameter) (if proposed)
 - vii. Resettlement issues
 - viii. Necessary approvals have been sought from the concerned authorities of the Federal Government and Provincial Governments.
 - ix. Infrastructure development
 - x. Project schedule and expected life



- xi. Peaking/base load operation
- xii. Training and development
- xiii. Efficiency Parameters

(d) EXISTING GENERATION FACILITY (HYDEL)

- 1. Due Diligence Report
- 2. Operational Records (including dispatch and operational constraints) for the last five years
- 3. Information relating to:
 - i. Location (location maps, site map, land)
 - ii. Plant Type (run of the river, storage, weir)
 - iii. Plant characteristics: generation voltage, power factor, frequency, automatic generation control, ramping rate, control metering and instrumentation)
 - iv. Head (minimum, maximum)
 - v. Technology (Francis, Pelton, etc.) size of the plant and number of units
 - vi. Tunnel (length, diameter) (if applicable)
 - vii. Infrastructure development
 - viii. Project schedule and expected life
 - ix. Peaking/base load operation
 - x. Training and development
 - xi. Interconnection with national grid company, length of transmission line(s)
 - xii. Past and future rehabilitation plans and programmes
 - xiv. Efficiency Parameters

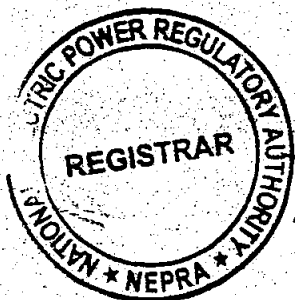


(e) NEW GENERATION FACILITY (RENEWABLE)

1. Interconnection Study
2. Environment Impact Assessment Study
3. Information relating to:
 - i. Location (location maps, site map, land)
 - ii. Technology, size of the plant, number of units
 - iii. water source at site for maintenance
 - iv. Infrastructure (roads, rail, staff colony, amenities, etc.)
 - v. Project commencement and completion schedule (with milestones)
 - vi. Safety and emergency plans
 - vii. Plant characteristics (generation voltage, frequency etc.)
 - viii. Control, metering, instrumentation and protection
 - ix. Estimated Capacity Factor at site
 - x. Degradation factors

(f) CAPTIVE GENERATION PLANT

1. Certificate of Incorporation of applicant
2. Memorandum of Articles of Association of applicant
3. Latest financial statement of the applicant
4. Location (Location map, site map)
5. Type of Technology
6. Number of units (No.)/Size (MW)
7. Contracted capacity
8. Year, make/model, operation date and expected remaining life
9. Installed capacity, de-rated capacity, auxiliary consumption, net capacity
10. Fuel type (Oil/Gas) imported/indigenous, supplier, logistics, pipeline etc. In case of gas fuel, a Gas Sale Agreement signed between the applicant and gas supplier



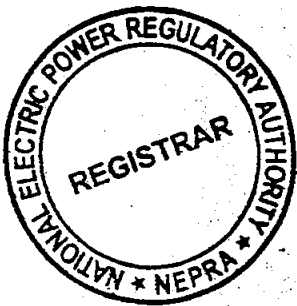
11. Supply voltage (11 KV/132 KV), in case of 132 KV voltage distance and name of nearest grid (Single line diagram)
12. Plant Characteristics: generation voltage, frequency, power factor, automatic generation control, ramping rate, alternative fuel, time(s) required to synchronize to grid
13. Provision of metering, instrumentation, protection and control arrangement

B. TRANSMISSION

includes Transmission, Special Purpose Transmission, National Grid Company, Provincial Grid licenses

(a) EXISTING TRANSMISSION FACILITY

1. Due Diligence report
2. Territory maps
3. Dispatch procedures and software and hardware information
4. Training and development procedures and manuals
5. Information relating to:
 - ii. Network configuration
 - iii. Voltage levels
 - iv. System statistics, system development, line lengths, technical parameters for transmission lines and grid stations, etc.
 - v. Central and regional dispatch facilities, connection facilities
 - vi. Interface nodes with generation entities
 - vii. Interface nodes with distribution entities
 - viii. Emergency provisions and blackout restoration procedures
 - ix. Safety provisions
 - x. Operations record and operational constraints



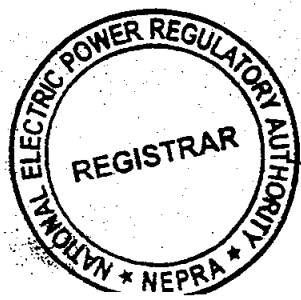
(b) NEW TRANSMISSION FACILITY

1. Line route and territory maps
2. System studies
3. Environmental and Social Soundness Assessment (ESSA) study/report

4. Information relating to:
 - i. Purpose
 - ii. Line lengths, starting point, termination point, year of completion
 - iii. Structures (type, number/km)
 - iv. Line characteristics
 - v. Insulators
 - vi. Shield-wire (number, size)
 - vii. Compensation employed (series, Shunt, SVC)
 - viii. Communication systems (PLC, fibre optics, microwave)
 - ix. Conductor, type, current carrying capacity, circuit power transfer
 - x. Grid station(s) involved: number, existing/new and details of the following:
 - I. Scope, size, number of transmission circuits, in and out
 - II. Type: indoor/outdoor, transformation/switching
 - III. Arrangement scheme: breaker and a half, double bus
 - IV. Basic insulation level: kV
 - V. Control and protection system
 - VI. Specification of equipment (breakers-type, re-closing mechanism, duty cycle etc. isolators, transformers-type, size, cooling system, tap-changer, and protection)
 - VII. Lightening arresters, shunt reactors, metering and instrumentation
 - VIII. SCADA and communication
 - IX. Information relating to metering, installation and testing facilities

(c) PROVINCIAL GRID

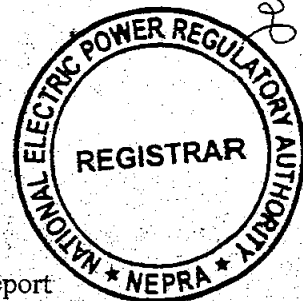
1. Line routes and territory maps, etc.
2. System studies
3. Environmental and Social Soundness Assessment (ESSA) studies/reports



4. Information relating to:
 - i. Purpose
 - ii. Line lengths, starting point, termination point, year of completion
 - iii. Structures (type, number/km)
 - iv. Line characteristics
 - v. Insulators
 - vi. Shield-wire (number, size)
 - vii. Compensation employed (series, Shunt, SVC)
 - viii. Communication systems (PLC, fibre optics, microwave)
 - ix. Conductor, type, current carrying capacity, circuit power transfer
 - x. Grid station(s) involved: number, existing/new and details of the following:
 - I. Scope, size, number of transmission circuits, in and out
 - II. Type: indoor/outdoor, transformation/switching
 - III. Arrangement scheme: breaker and a half, double bus
 - IV. Basic insulation level: kV
 - V. Control and protection system
 - VI. Specification of equipment (breakers-type, re-closing mechanism, duty cycle etc. isolators, transformers-type, size, cooling system, tap-changer, and protection)
 - VII. Lightning arresters, shunt reactors, metering and instrumentation
 - VIII. SCADA and communication
 - IX. Information relating to metering, installation and testing facilities

(d) SPECIAL PURPOSE TRANSMISSION LINE

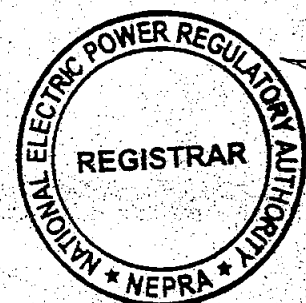
1. Line route and territory map, etc.
2. System studies
3. Environmental and Social Soundness Assessment (ESSA) studies/report
4. Information relating to:



- i. Purpose
- ii. Line length, starting point, termination point, year of completion
- iii. Structures (type, number/km)
- iv. Line characteristics
- v. Insulators
- vi. Shield-wire (number, size)
- vii. Compensation employed (series, Shunt, SVC)
- viii. Communication systems (PLC, fibre optics, microwave)
- ix. Conductor, type, current carrying capacity, circuit power transfer
- x. Grid station(s) involved: number, existing/new and details of the following:
 - I. Scope, size, number of transmission circuits, in and out
 - II. Type: indoor/outdoor, transformation/switching
 - III. Arrangement scheme: breaker and a half, double bus
 - IV. Basic insulation level: kV
 - V. Control and protection system
 - VI. Specification of equipment (breakers-type, re-closing mechanism, duty cycle etc. isolators, transformers-type, size, cooling system, tap-changer, and protection
 - VII. Lightning arresters, shunt reactors, metering and instrumentation
 - VIII. SCADA and communication
 - IX. Information relating to metering, installation and testing facilities

C. DISTRIBUTION

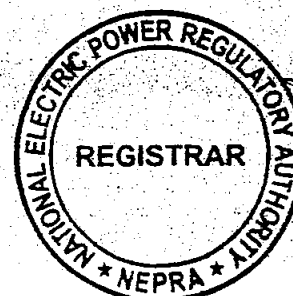
1. Environmental and Social Soundness Assessment (ESSA) study/report
2. System studies
3. Patrolling and inspection procedures
4. Maintenance plans and procedures
5. Fault location/trouble-shooting procedures
6. Training and development procedures and manuals



7. Information and documents in support of distribution expansion and investment
8. Information relating to:
 - i. Distribution system configuration
 - ii. Service territory, right of way and feeder maps
 - iii. Voltage levels and regulation
 - iv. Type of distribution system
 - v. Line equipment characteristics
 - vi. Power quality control
 - vii. Back-up/express feeder provision
 - viii. Accident protection and prevention procedures
 - ix. Emergency provisions
 - x. Protection, control and measuring instruments
 - xi. Type of metering system to be used
 - xii. Metering installation and testing facilities
 - xiii. Communication systems

D. ELECTRIC POWER SUPPLY

1. Relevant feeder maps Number of consumers and expected load
2. Consumer class/category, sub-category on the basis of sanctioned load and voltage level
3. Tariff categories of consumer classes to be served
4. Demand and consumption pattern on different time periods
5. Procurement Plan for meeting expected loads (including own generation and/or long-term and short-term PPAs, as the case may be)
6. 12-month projections on expected load, number of consumers and expected sale of units for each consumer category
7. 5-year Investment Plan indicating schemes/models/framework for undertaking supply of electric power (including frameworks for providing non-discriminatory services and acquisition/sale of assets in relevant service territories)
8. Training and development procedures and manuals



9. Consumer Service Manual

10. Information relating to:

- i. Proposed service territory
- ii. Billing and collection procedures (including provisions for remote metering)
- iii. Ability to access consumer metering systems and other services/equipment
- iv. Emergency provisions and protocols
- v. Basis of common services for commercial and residential consumers and their allocation thereof

