



ELECTRICITY GENERATION LICENSING GUIDE (For Self-Supply Purposes)



EFFECTIVE DATE: 01/01/2023



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Changes History Sheet

DOC. CHANGE REQUEST NO. & DATE	PAGE NO.	SUMMARY OF CHANGE	NEW EFFECTIVE DATE

1. Introduction

1.1 Purpose

The purpose of this document is to provide guidance on licensing process of electricity generation (for self-supply purposes) licences.

These licences are for companies, entities, or individuals who intend to generate electricity (power) primarily for internal consumption. These licenses are time-limited and only applicable to the generation of electricity.

Note:

1. Any licenses for limited-scale generation of electric power using solar energy in residential facilities shall continue to be suspended, excluding pilot projects and electric power systems not connected to the distribution network.
2. The application of the net energy metering system for limited-scale photovoltaic solar panels shall continue to be suspended.

1.2 Scope

This document covers the following aspects of Electricity Generation (Self-Supply) Licence:

- a) [Types of Licences](#)
- b) [Licensing Process](#)
- c) [Licensing Requirements](#)

1.3 References

- Law No (2) of 1998
- Law No (11) of 2018
- DoE Chairman Decisions No.7/2018, No.19/2019 and No. 21/2020



2. Definitions

AADC	Al Ain Distribution Company
ADDC	Abu Dhabi Distribution Company
ADESP	Abu Dhabi Energy Services Platform. It could be accessed via https://adesp.doe.gov.ae/
DoE	Department of Energy
Development Licence	Development Licence is issued for projects that will generate power on-site to support the construction of new developments.
Generation Unit	means any plant or apparatus for the generation of electricity including a facility comprising one or more generation units.
Instant Licence	means an Licence issued instantly with minimal requirements. No public notice is required. Issued to individuals and companies that carry out a small-scale regulated activities such as electricity generation.
MWp	Megawatts peak
Public Notice	As per Article (84) of Law No (2) of 1998, before the issue of a licence, the Department of Energy shall give notice stating its proposal to issue the licence, stating the reasons why it proposes to issue the licence and specifying a period (being not less than 28 days) within which representations or objections may be made in respect of the proposed issue and the Department of Energy shall be required to consider any such representations or objections.
Self-Supply Licence	Self-Supply Licence is issued for individuals, entities, or companies that intend to generate electricity, primarily for internal consumption.
TAMM	A unified system that helps find Abu Dhabi government services and information. It could be accessed via https://www.tamm.abudhabi/en
TRANSCO	The Abu Dhabi Transmission and Despatch Company

3. Types of Self-Supply Licences

DoE issues following types of Licences for Electricity Generation for self-supply purposes:

- a) Instant Licence
- b) Development Licence
- c) Self-Supply Licence

The following are the differences between these two Licences:

	Instant Licence	Development / Self-Supply Licence
Customer Types	Individuals / Businesses / Government	Businesses / Government
Generation capacity allowed for single location	Up to 5 MWp	Greater than 5 MWp
Generation capacity allowed for multiple locations	Up to 30 MWp	Greater than 30 MWp
Public Notice¹	Not Required	Required
Eligibility check²	Not Required	Required
Time taken to issue the Licence	Within 6 minutes	Within 6 minutes ³
Licence Duration	1 Year	Up to 5 Years (Development Licence) Up to 25 Years (Self-Supply Licence)
Registration Fees⁴	0 AED	50,000 AED

¹ DoE will give public notice stating its proposal to issue the licence and specifying a period (being not less than 28 days) within which representations or objections may be made in respect of the proposed issue and the DoE shall be required to consider any such representations or objections.

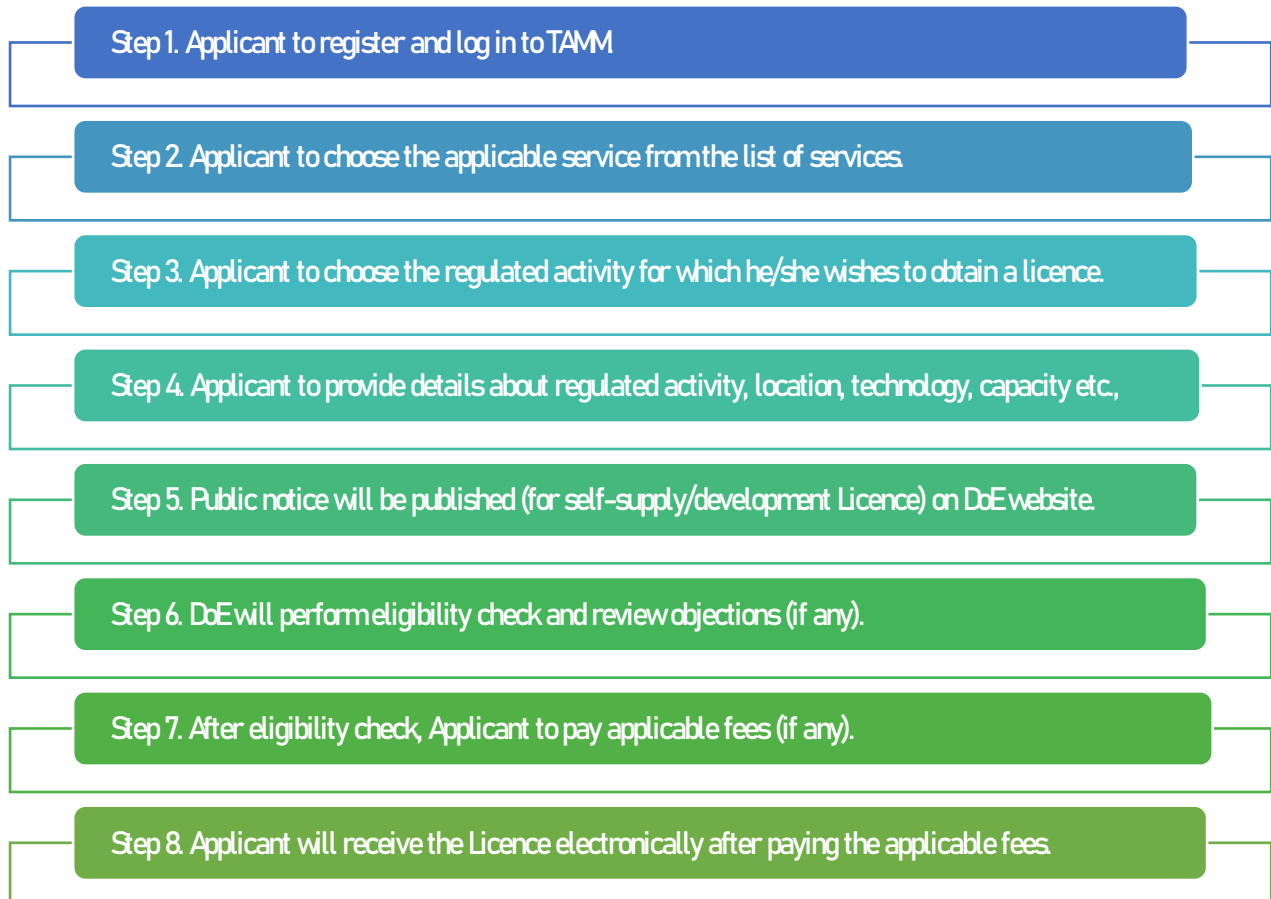
² DoE will perform an eligibility check when the applicant submits the Licence on the TAMM website to determine if the Applicant meets the eligibility requirements for each licence type.

³ The licence will be issued within six (6) minutes upon successful completion of the eligibility check.

⁴ Please visit DoE website for up-to-date fee details.

4. Licensing Process

Licence can be obtained by following the steps below:



Note:

- i) Legal, managerial, financial, and technical competencies of the applicant are evaluated during the assessment of applications for Self-Supply & Development Licences.
- ii) The DoE will endeavor to perform this assessment internally; however, some applications may involve seeking external consultant's advice. If this is required, then these external costs will be charged back to the applicant as an Evaluation Fee.

5. Licensing Requirements

To apply for a licence, the following details must be provided:

A. Instant Licence:

1. When an applicant logs in with UAE Pass, the following details will be fetched automatically:
 - a. Name (*name as per trade licence for entities, and name as per Emirates ID for individuals*)
 - b. Contact Number
 - c. Emirates ID
2. Trade Licence (not applicable for individual applicants)
3. AADC/ADDC Account No.
4. Location
5. Regulated Activity
6. Technology Used
7. Electricity generation capacity (in MW - MWp)

B. Development / Self-Supply Licence:

i. Applicant Information - Required for Registration purposes

a) Individual Details

1. Full Name
2. Designation
3. Email
4. Mobile No
5. Emirates ID
6. Nationality
7. Area
8. Street
9. P.O.Box Number
10. City

b) Company Details

11. Trade License Number
12. Company ID

13. Commercial Name

14. Company Type

(Standalone company based in UAE; Standalone company based outside UAE; Subsidiary company based in UAE; Subsidiary company based outside UAE)

15. Legal Form (Government; Semi-Government; Private)

16. Commercial Licence Number

17. Commercial Licence Expiry

c) Head Office Details

18. Building Name

19. Building No

20. P.O. Box

21. Street Area

22. City

23. Company Phone Number

24. Company Website

d) Legal Representative / Prime Contact Details

25. Full Name of Primary Representative

26. Designation

27. Email

28. Mobile No

29. Emirates ID of Legal Representative (Primary Contact)

e) Directors / Shareholders / Subsidiary Details

30. Provide list of Company Directors

31. Provide list and details of Shareholders

32. Provide a list of all Subsidiary Companies owned or part-owned by the company and any associated affiliate companies

f) Legal Requirements

33. UAE ID and passport copies of the applicant Legal Representative



34. Power of Attorney or Delegation of the applicant's Legal Representative (*this shall show authority to represent the owner of the plant where the regulated activities are operated*)
35. Third Party Liability Insurance (*if this is not available, then it must be provided within 30 days from the issuance of the licence*)
36. Land Lease Agreement or property deed of each site where the regulated activities will be undertaken
37. Company's logo (*JPEG, TIFF, BMP, PNG formats*)
38. Valid trade licence (for companies and establishments)
39. Relevant legislation establishing the government entity (if applicant is a Government Entity)
40. Memorandum or Article of Association (for companies and establishments)
41. Contractual Agreement including details allowing the applicant to apply on behalf of the owner (only applicable in case the applicant is not the owner of the assets where the regulated activities are operated)

g) HSE Requirements

42. OSHAD Registration Certificate
43. Site-Risk assessment for high-risk jobs including the jobs under the licence
44. HSE Policy, and Emergency Response Plan
45. HSE Training certificates for the O&M team members related to the operation of Sewerage Services (or)
46. Undertaking that a suitable HSE and Technical training will be provided for the proposed O&M team members.

ii. General Requirements (generation unit-wise)

a) Property Information of the generation unit:

1. Provide following property details of the activity:
 - a. Generation Unit name or description
(*e.g., unit number or code or any specific name given to the generation unit*)
 - b. Location
(*Will be fetched from Department of Municipalities and Transport, including details of Municipality, Zone District, Sector Community, Street, Plot Number, Plot Address, Plot Area, Land Use, City*)
 - c. Type of Facility
(*Commercial Offices; Government Building; School, Hospital, Factory; Hotel, Labor Accommodation, Others*)



d. Electricity generation capacity (in MW- MWp)

(This will be used as the licence capacity, and it will be also be used to calculate the annual fees if applicable)

e. Generation Unit Status

(New / planned / under construction / operational)

***Note:** Provide above details for each generation unit.

2. The number of years this Licence is required

(This will define the licence duration and licence expiry date; Self-supply licenses can be issued up to 25 years, while development licenses can be issued up to 5 years).

3. Desired date from which the licence is to take effect.

4. Provide the high-level Gas quota of the premise (if applicable).

5. Type of network connection:

(Distribution Network-connection; Transmission Grid-connection (non-Embedded); Off Grid;)

6. Expected commissioning date or the date at which the unit was commissioned (if existing)

7. Expected demand (in MW) that shall be supplied by the grid to the proposed generation station (if any)

8. Energy storage facility (if applicable)

b) Technical Information (Only required for Photovoltaic Type)

9. The number of Photovoltaic Generating Units (PVGU) intended to be operated under the licence.

10. Provide a sufficient description, including maps, adequately specifying the actual or proposed location of those PVGU(s). Description of proposed locations must be sufficient to make clear the nature of the proposed development.

11. A description of how those PVGU(s) will be fueled or driven in each case, and where appropriate.

12. The dates when any proposed PVGU(s) are expected to be commissioned (including expected early power dates, commissioning activities and proposed project commercial operation date (PCOD)).

13. The installed gross generation capacity and type of each PVGU within the photovoltaic power systems (PVPS) (in MW - MWp).



14. Details of any energy storage facility to be operated by the proposed licensee together with an explanation of why this storage is considered to be ancillary to the activity to which this application relates (if applicable).

15. Provide inverter technical details along with data sheet (if available).

c) Technical Information (for other types of generation units except Photovoltaic)

16. The number of Generating Units intended to be operated under the licence.

17. Describe the manner in which the Applicant proposes to maintain sufficient fuel stocks for the generating units, including the capacity and location of the storage tanks (if applicable)

18. Description of the proposed water intake and discharge arrangements (if applicable)

19. Description of the Battery storage, including the capacity and location (if applicable)

20. Description of the Wind turbine, including the capacity and location (if applicable)

21. Description of the water storage tanks, including the capacity and location of the storage tanks (if applicable)

22. Provide a description of the surrounding land use within a 5 km radius, specifically noting the names and proximity of residential and commercial areas in relation to the site of the works

d) Premises to be Supplied

23. Types of premises/ customers applicant intends to serve

(Commercial Offices; Government Building; School, Hospital, Factory; Hotel, Labor Accommodation, Others)

24. Location of the person or persons or companies to whom the applicant is providing or intends to provide electricity from the generation unit

e) Operator/Contractor Details

25. Description of the overall O&M for the Generating Units(s)

26. If the operations/maintenance of the station will be managed by a company, please provide the company name

27. Details of Generating Unit(s) - where applicable



- a. Unit No
- b. Inverter No
- c. Gross Generation Capacity (MW- MWp)
- d. Commissioning Date
- e. Commercial Operation Date
- f. Unit Make/ Manufacturer (i.e., GE, Siemens, etc.)
- g. Unit Type
- h. Inverter Type
- i. Primary Fuel & Backup Fuel (if Any)
- j. Expected Lifespan

****Note:** Provide above details for each generating unit.

28. Provide details of the person proposed to be the operator/maintenance provider of the proposed Generating Unit(s) and of the contractual arrangements under which they will operate/maintain the Generating Units(s). This to include details of the person's experience in the operation/maintenance of Generating Unit(s) sufficient to demonstrate their technical and managerial competence

- a. Name
- b. Role
- c. Years of Experience
- d. Certification

****Note** Provide above details for each person proposed to be the operator/maintenance provider of the proposed Generating Unit(s) and of the contractual arrangements under which they will operate/maintain the Generating Units(s).

f) Mandatory Documents

29. Provide a summary table showing the power station projects which the Licence Applicant/Licensee or its contractors has/have designed, constructed (or are constructing), developed and/or operated and maintained within the last ten years within the UAE, the GCC Region and other global experience.

30. Electricity Generation Station Project roadmap including the commissioning plan and key milestones.

31. Generation Electricity Transmission Code (ETC) and Electricity Distribution Code (EDC) compliance statement/ Report including any deviations (where appropriate) from these codes in respect of the generation facility,



- accompanied by evidence of a review and approval of the statement/report by the relevant Transmission System or Distribution System operator.
32. Connection Agreement with either the licensed Transmission System or Distribution System operator to whom the Generating Unit(s) will be connected to accompanied by evidence of a review and approval of the agreement by the relevant Transmission System or Distribution System operator.
 33. Technical data, specification, (gross) generation capacities and performance criteria for the planned generation activity/units.
 34. Single Line Diagram (SLD) of the premises including the connection of the proposed Generating Unit(s).
 35. Electricity (General, all types) Operator/Maintenances Company profile (if applicable), if the operations of the station will be managed by individuals, copy of their qualification certification, or experience Certification of each operator. If the company to operate and/ maintain the power station, then the company profile of the experience with similar stations.
 36. Audited Financial statements of the Applicant for the last three years, or, if the Applicant has been in existence for less than three years, then all statements released to date including (1) Balance Sheet (2) Profit and loss statement (3) Cash flow statement (4) Notes to financial statements (5) Directors' Financial declaration (6) Directors' report (7) Auditors' report.
 37. Constitutional documents of the proposed licensee including Memorandum and Articles of Association and any other document and agreement relating to the corporate governance of the proposed licensee, identifying in particular any special rights of any shareholder or other person in relation to such matters as voting and appointment of directors.
 38. Details of the proposed construction contractor(s) and operator(s) for the proposed plant including demonstration of their experience, technical and managerial capabilities.
 39. Details of the proposed licensees parent companies and affiliates having any interest in the entities having licenses from DoE for electricity generation, including their ownership interests and licensed capacities.
 40. Certificate of Completion of Building
 41. Certificates of Conformity (CoC)