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*Hanoi, October 22, 2024*

## DECREE

### POLICIES ENCOURAGING DEVELOPMENT OF SELF-PRODUCED AND SELF-CONSUMED ROOFTOP SOLAR POWER

*Pursuant to the Law on Government Organization dated June 19, 2015 and Law on Amendments to the Law on Government Organization and Law on Local Government Organization dated November 22, 2019;*

*Pursuant to the Law on Electricity dated December 03, 2004; the Law on amendments to some articles of the Law on Electricity dated November 20, 2012;*

*Pursuant to the Law on Electronic Transactions dated June 22, 2023;*

*At the request of the Minister of Industry and Trade;*

*The Government promulgates Decree on policies encouraging development of self-produced and self-consumed rooftop solar power.*

## Chapter I

### GENERAL PROVISIONS

#### Article 1. Scope

This Decree provides for policies encouraging development of self-produced and self-consumed solar power installed on rooftops of construction works, including houses, offices, industrial parks, industrial clusters, export processing zones, high-tech zones, economic zones, production establishments, and business establishments which have been invested in and built in accordance with regulations of law.

The direct electricity trading between organizations and individuals shall comply with the Decree on mechanisms for direct electricity trading between renewable energy generation units and clients who are large electricity consumers.

#### Article 2. Regulated entities

1. Organizations and individuals managing and participating in development of self-produced and self-consumed rooftop solar power in Vietnam.

2. Other relevant organizations and individuals.

### **Article 3. Definitions**

For the purposes of this Decree, the terms below shall be construed as follows:

1. “Rooftop solar power” refers to electricity produced by solar panels applying the principle of converting light energy into electrical energy, and through construction structures, is installed on rooftops of construction works and connected with electrical equipment and directly serves electricity generation.
2. “Self-produced and self-consumed power” refers to electricity produced and consumed by an organization or individual to meet their demands.
3. “Self-produced and self-consumed rooftop solar power connected with the national power system” refers to rooftop solar power intended to produce and supply electricity to local loads connected with the national power system or supply electricity to local loads physically connected to the national power system.
4. “Self-produced and self-consumed rooftop solar power not connected with the national power system” refers to rooftop solar power intended to produce and supply electricity to local loads not connected with the national power system and supply electricity to local loads not physically connected to the national power system.
5. “Physical connection with the national power system” refers to power connection between an electrical load of an organization/individual and an electrical grid of an electric utility (except for electric utilities affiliated to Vietnam Electricity) connected with the national power system.
6. “Excess electricity” refers to energy produced by the self-produced and self-consumed rooftop solar power that exceeds the local consumption and is sent back to the national power system.
7. “Excess electricity purchaser” refers to Vietnam Electricity or a member unit authorized by Vietnam Electricity.
8. “Excess electricity seller” refers to an organization/individual owning self-produced and self-consumed rooftop solar power (hereinafter referred to as “owner”) or an organization/individual receiving rights and obligations from the owner according to regulations of law.

## **Chapter II**

### **DEVELOPMENT OF SELF-PRODUCED AND SELF-CONSUMED ROOFTOP SOLAR POWER**

#### **Article 4. Development principles**

1. Self-produced and self-consumed rooftop solar power shall be developed in a public, transparent and fair manner according to regulations in this Decree.
2. Sale and purchase of excess electricity (if any) produced by the self-produced and self-consumed rooftop solar power shall comply with regulations in this Decree.
3. The capacity of self-produced and self-consumed rooftop solar power connected with the national power system in each local area shall be consistent with regulations of this Decree, excluding self-produced and self-consumed rooftop solar power provided in island districts and communes where electrical grids are installed but not connected with the national power system.
4. Before installation of the self-produced and self-consumed rooftop solar power system, construction works shall conform to regulations of applicable laws on investment, construction, land, environment, safety and fire safety. The development of self-produced and self-consumed rooftop solar power shall comply with regulations of laws on electrical safety, investment, construction, land, environment and fire safety.
5. During investment in development of the self-produced and self-consumed rooftop solar power, organizations and individuals must not use imported and used solar panels or devices converting direct current into alternating current.
6. The self-produced and self-consumed rooftop solar power shall be operated in a manner that is safe for the national power system and treated equally as other sources of renewable energy (solar power, wind power).

#### **Article 5. Violations committed during development and operation of self-produced and self-consumed rooftop solar power**

1. Developing self-produced and self-consumed rooftop solar power in a manner that is not conformable with regulations of this Decree.
2. Developing, installing and operating the self-produced and self-consumed rooftop solar power connected to the national power system with a capacity exceeding the notified capacity or the capacity registered with and approved by a competent authority.
3. Organizations and individuals fail to follow dispatch orders given by power system dispatching levels.

#### **Article 6. Self-produced and self-consumed rooftop solar power not connected to the national power system**

Before installing self-produced and self-consumed rooftop solar power not connected to the national power system, an organization/individual shall:

1. Notify installed capacity and location for installation to the Department of Industry and Trade and local electric utilities.

2. Notify local agencies managing construction and fire safety to manage, monitor and provide guidance on installation according to regulations of law.

**Article 7. Self-produced and self-consumed rooftop solar power connected to the national power system**

1. When developing self-produced and self-consumed rooftop solar power, the organization/individual shall send a notification or apply for registration according to regulations of this Decree.

2. The organization/individual may choose whether or not to send excess electricity (if any) produced by self-produced and self-consumed rooftop solar power back to the national power system.

3. Depending on electricity consumption, the organization/individual shall develop self-produced and self-consumed rooftop solar power in a manner which ensures that generating capacity is smaller than or equal to total installed capacity of the existing load (in conformity with electricity consumption in the last 12 months).

4. With regard to self-produced and self-consumed rooftop solar power with an installed capacity of 100 kW and over, the organization/individual shall be responsible for providing means and equipment for connection with the collection, supervision and control system according to technical requirements publicly announced by Vietnam Electricity.

5. When developing self-produced and self-consumed rooftop solar power with an installed capacity of under 100kW, the organization/individual/household/single-family house shall:

a) Give notification, using Form No. 04 in the Appendix enclosed with this Decree to the Department of Industry and Trade and local electric utilities.

b) Give notification, using Form No. 04 in the Appendix enclosed with this Decree to each local agency managing construction and fire safety to manage, monitor and provide guidance on development according to regulations of law.

6. Before installing self-produced and self-consumed rooftop solar power with an installed capacity ranging from 100kW to under 1.000kW, the organization/individual shall:

a) Give notification, using Form No. 04 in the Appendix promulgated together with this Decree enclosed with a design dossier to the Department of Industry and Trade;

b) Give notification, using Form No. 04 in the Appendix enclosed with this Decree to each local agency managing construction and fire safety to manage, monitor and provide guidance on installation according to regulations of law;

c) Give notification, using Form No. 04 in the Appendix enclosed with this Decree to each local electric utility to manage, monitor, dispatch and safely operate the power system. If the installed

capacity is conformable with local generation planning and plan for execution thereof, the excess electricity may be sold back to the national power system in accordance with regulations in this Decree. In other cases, regulations in point b clause 1 Article 8 of this Decree shall be applied.

## **Article 8. Encouragement policies**

1. An organization/individual installing self-produced and self-consumed rooftop solar power is exempted from an electricity license without limits on generating capacity in the following cases:

a) The self-produced and self-consumed rooftop solar power is not connected to the national power system;

b) A system for preventing electrical backflow to the national power system is installed;

c) A household/single-family house develops self-produced and self-consumed rooftop solar power with a capacity of under 100kW.

2. The organization/individual installing self-produced and self-consumed rooftop solar power with an installed capacity of 1.000kW and over and selling excess electricity back to the national power system shall follow procedures for electricity planning (unless the installed capacity is conformable with local generation planning and plan for execution thereof) and apply for an electricity license according to regulations of law.

3. The self-produced and self-consumed rooftop solar power shall be eligible for preferential tax policies according to applicable tax laws.

4. Administrative procedures related to self-produced and self-consumed rooftop solar power shall be simplified according to applicable specialized laws.

5. Regarding construction works in which the self-produced and self-consumed rooftop solar power is installed, land planning for energy development is not required to be amended.

6. Self-produced and self-consumed rooftop solar power of households, single-family houses, offices and works that are public assets shall be identified as technological equipment attached to construction works.

7. Excess electricity produced by self-produced and self-consumed rooftop solar power connected with the national power system with capacity conformable with local generation planning and plan for execution thereof, and self-produced and self-consumed rooftop solar power connected with the national power system of a household/single-family house with a capacity of under 100kW may be sold back to the national power system but the electricity being sold must not exceed 20% the installed capacity: To be specific:

a) Vietnam Electricity shall pay each organization/individual for the excess electricity sold back to the national power system but the electricity being sold must not exceed 20% the installed capacity.

- b) The price of excess electricity sold back to the national power system shall be equal to the average market electricity price in the previous year announced by the power system and electricity market operator to ensure appropriate incentives in each period of development of the national power system;
  - c) Excess electricity produced by self-produced and self-consumed rooftop solar power installed on rooftops of construction works that are offices or identified as public assets must not be purchased or sold.
8. Each household/single-family house developing self-produced and self-consumed rooftop solar power is exempted from or is not required to adjust its business license.
9. Organizations and individuals are encouraged to install electricity storage systems in order to safely and stably operate power systems.

## **Chapter III**

### **REGISTRATION OF DEVELOPMENT, INVESTMENT IN CONSTRUCTION, ACCEPTANCE AND OPERATION OF SELF-PRODUCED AND SELF-CONSUMED ROOFTOP SOLAR POWER**

#### **Section 1. REGISTRATION OF DEVELOPMENT OF SELF-PRODUCED AND SELF-CONSUMED ROOFTOP SOLAR POWER**

##### **Article 9. Competent authority issuing and requirements for issuance of development registration certificates**

###### **1. Competent authority issuing development registration certificates**

Each provincial Department of Industry and Trade shall receive applications for, and issue development registration certificates.

###### **2. Requirements for issuance of development registration certificates**

a) Applications for development of self-produced and self-consumed rooftop solar power shall meet regulations in Article 10 of this Decree;

b) Regulations in clause 3 of this Article shall be satisfied;

c) A written agreement among local electric utilities shall be concluded.

###### **3. Self-produced and self-consumed rooftop solar power connected to the national power system with a capacity of 1.000kW and over:**

a) Excess electricity being sold back to the national power system shall be appropriate for a local generation planning and a plan for execution thereof;

- b) Excess electricity not being sold back to the national power system shall be registered according to regulations in point b clause 1 Article 8 of this Decree.

## **Article 10. Application for development of self-produced and self-consumed rooftop solar power connected to the national power system**

### 1. Authority receiving applications

Authority receiving applications for development of self-produced and self-consumed rooftop solar power is the authority specified in clause 1 Article 9 of this Decree.

### 2. An application includes:

- a) An application form according to Form No. 01 in the Appendix enclosed with this Decree;
- b) A design drawing for installation of self-produced and self-consumed rooftop solar power; a copy of a construction permit issued to a work (if any) provided by a household/single-family house according to regulations of law;
- c) A design drawing for installation of self-produced and self-consumed rooftop solar power; copies of investment policy, construction permit, written acceptance of quality of fire safety, written acceptance of construction works and documents on environmental protection issued by a competent authority (if any) that are provided by entities other than the household/single-family house specified in point b of this clause.

## **Article 11. Methods for submitting applications**

When registering development of self-produced and self-consumed rooftop solar power connected to the national power system, an organization/individual shall make an application specified in Article 10 of this Decree and submit it by one of the following methods:

1. The application may be submitted in person at the head office of the application-receiving authority. Regarding uncertified copies of documents enclosed with the application, their authentic copies are required for comparison. The number of applications is 01.
2. The application may be submitted by post. Copies of documents enclosed with the application shall be certified. The number of applications is 01.
3. The application may be submitted by online public services via the web portal of the application-receiving authority.

## **Article 12. Procedures for issuing certificate of registration of development of self-produced and self-consumed rooftop solar power**

1. Regarding self-produced and self-consumed rooftop solar power connected to the national power system:

- a) If the application is inadequate as prescribed or unsatisfactory to regulations in clause 2 Article 9 of this Decree, within 03 working days from the date on which the application is received, the application-receiving authority shall give a written notification of the return of the application in order for the applicant to amend and re-submit the application according to regulations;
- b) If the application is sufficient and satisfactory, within 10 days from the date on which the application is received, the application-receiving authority shall be responsible for issuing a development registration certificate, using Form No. 02 in the Appendix enclosed with this Decree. In case of refusal, the application-receiving authority shall give a written notification in which reasons should be clearly specified. During the processing of the application, the application-receiving authority shall determine the time to receive the application in chronological order for processing according to regulations;
- c) After receiving the satisfactory application, the application-receiving authority shall solicit opinions from a local electric utility about the possibility that the proposed rooftop solar power system could overload the local transformer, low-voltage grid and distribution grid, and whether the proposed capacity is appropriate for the available loads (according to electricity consumption in the last 12 months). The electric utility shall consider responding to these opinions and give its opinions to the application-receiving authority within a maximum duration of 07 days.

### **Article 13. Amendments to development registration certificates**

When there is any change in information on a construction work owner, generating capacity, duration for complete installation, methods for choosing to send or sell excess electricity produced by self-produced and self-consumed rooftop solar power written in a certificate, the certificate shall be amended as follows:

1. An application for amendments shall be made according to regulations in Article 10 of this Decree.
2. The application shall be submitted by one of the methods specified in Article 11 of this Decree.
3. Procedures for amending the certificate shall comply with regulations in Article 12 of this Decree.

### **Article 14. Revocation of development registration certificates**

The authority issuing a certificate of registration of development of self-produced and self-consumed rooftop solar power shall consider deciding to revoke the certificate in the following cases:

1. All or part of the construction work on which self-produced and self-consumed rooftop solar power is installed has to be demolished for land clearance under a decision issued by a competent authority.

2. The organization/individual no longer continues to develop and operate self-produced and self-consumed rooftop solar power.
3. Documents included in the application are forged; the certificate is issued without proper authorization and other cases under decisions issued by competent authorities.
4. After 60 days from the installation completion time indicated in the development registration certificate, the organization/individual has not yet installed self-produced and self-consumed rooftop solar power.

## **Section 2. INVESTMENT IN CONSTRUCTION OF SELF-PRODUCED AND SELF-CONSUMED ROOFTOP SOLAR POWER**

### **Article 15. Households/single-family houses**

The household/single-family house shall construct and install self-produced and self-consumed rooftop solar power as follows:

1. Regarding self-produced and self-consumed rooftop solar power not connected to the national power system
  - a) Purchase equipment satisfying regulations in this Decree and standards of application;
  - b) Meet requirements for construction safety, environmental protection and fire safety according to regulations of law during installation.
2. Regarding self-produced and self-consumed rooftop solar power connected to the national power system
  - a) Design and install self-produced and self-consumed rooftop solar power with a capacity notified to agencies and units specified in clause 5 or clause 6 Article 7 of this Decree in a manner that follows guidelines provided by local construction and fire safety authorities;
  - b) Purchase equipment satisfying regulations in this Decree and standards of application.
  - c) Meet requirements for construction safety, environmental protection and fire safety according to regulations of law during installation.

### **Article 16. Other organizations and individuals**

The organization/individual shall invest in construction and installation of self-produced and self-consumed rooftop solar power as follows:

1. Regarding self-produced and self-consumed rooftop solar power not connected to the national power system

- a) Purchase equipment satisfying regulations in this Decree and standards of application;
  - b) Meet requirements for construction safety, environmental protection and fire safety according to regulations of law during installation.
2. Regarding self-produced and self-consumed rooftop solar power connected to the national power system
- a) Invest in construction of self-produced and self-consumed rooftop solar power with a capacity specified in a development registration certificate or notified to agencies and units specified in clause 6 Article 7 of this Decree in a manner that follows guidelines provided by local construction and fire safety and environment authorities; The organization/individual shall sell the excess electricity according to guidelines provided by local authorities;
  - b) Cooperate with electric utilities to receive guidance on design, installation, and technical connection in order to ensure electrical safety during operation;
  - c) Purchase equipment satisfying regulations in this Decree and standards of application;
  - d) Meet requirements for construction safety, environmental protection and fire safety according to regulations of law during installation.

### **Section 3. ACCEPTANCE AND OPERATION OF SELF-PRODUCED AND SELF-CONSUMED ROOFTOP SOLAR POWER**

#### **Article 17. Acceptance of investment in construction and installation**

1. Regarding a household/single-family house
- a) Accept the installation according to guidelines provided by local construction authorities;
  - b) Meet requirements for electrical safety, construction safety, environmental protection and fire safety before putting self-produced and self-consumed rooftop solar power into operation and use.
2. Regarding another organization/individual
- a) Before putting self-produced and self-consumed rooftop solar power into operation and use, accept investment in construction according to guidelines provided by construction, electricity, fire safety and environment authorities in order to maintain electric power quality according to applicable laws;
  - b) In case of sale of the excess electricity back to the national power system, follow procedures for issuance of an electricity license according to regulations in this Decree and the electricity law.

3. Acceptance of remote metering and data collection system and local supervision and control system and connection of information with supervision and control system of dispatch center for self-produced and self-consumed rooftop solar power connected to the national power system:

a) With regard to self-produced and self-consumed rooftop solar power with an installed capacity of under 100kW and its excess electricity sold back to the national power system, the electric utility shall cooperate in acceptance of the metering system and connection of information with the remote metering and data collection system of the excess electricity purchaser.

b) With regard to self-produced and self-consumed rooftop solar power with an installed capacity of 100kW and over, the electric utility shall cooperate in acceptance of the remote metering and data collection system and the local supervision and control system and connection of information with the supervision, control and collection system of the dispatch center.

4. The investor shall carry out acceptance of installation of a system for preventing electrical backflow to the national power system. The electric utility shall cooperate in, and inspect acceptance of the system for preventing electrical backflow to the national power system.

#### **Article 18. Selling back excess electricity generated by self-produced and self-consumed rooftop solar power**

1. An organization/individual shall submit an application for selling back excess electricity generated by self-produced and self-consumed rooftop solar power. The application includes an application form for selling back excess electricity, technical documents on solar panels, devices converting direct current to alternating current; power lines; a factory release certificate and an equipment quality certification (copies); a development registration certificate for the solar power specified in this Decree or a written confirmation provided by the Department of Industry and Trade of conformity of installed capacity with a local generation planning and a plan for execution thereof; project completion documentation according to the construction law; written approvals for acceptance (if any) granted by construction, fire safety and environment authorities according to regulations.

2. Parties shall conduct technical inspection, install electricity meter and conclude meter readings. After that, they shall sign a contract for selling back excess electricity, initiating energization and putting self-produced and self-consumed rooftop solar power into operation and use; the excess electricity purchaser shall sign the contract within 5 working days from the date of receipt of the application from the seller.

3. The buyer and the seller shall enter into an electricity sale agreement, using Form No. 05 in the Appendix enclosed with this Decree;

4. The effective period of the contract is 05 years from the date on which the self-produced and self-consumed rooftop solar power is put into operation and use. After this deadline, an extension of contract period or signature of a new contract shall comply with regulations of applicable laws.

## Chapter IV

### IMPLEMENTATION

#### Article 19. Responsibilities of ministries and central authorities

##### 1. Ministry of Industry and Trade

Preside over and cooperate with Provincial People's Committees, Vietnam Electricity and relevant ministries and central authorities in:

- a) Managing and monitoring total scale of development of self-produced and self-consumed rooftop solar power nationwide;
- b) Giving guidance on, and inspecting compliance with regulations in this Decree by organizations and individuals;
- c) Every year, making final reviews, assessing results of the compliance with regulations in this Decree and requesting the Government to consider amending regulations to ensure conformity with the actual development of rooftop solar power;
- d) Pursuant to the electricity law, directing power system and electricity market operators to publicly announce average market electricity prices in the previous year in January, every year;
- dd) Promptly submitting reports to the Prime Minister of Vietnam on the basis of the technical and technological responsiveness, responsive capability of the electricity transmission grid, demands for the development of self-produced and self-consumed power sources for consideration and decision on adjustments to the electricity planning according to the law on planning.

##### 2. Ministries, ministerial agencies, and Provincial People's Committees, within their tasks and powers, shall carry out state management of the development of self-produced and self-consumed rooftop solar power.

#### Article 20. Responsibilities of provincial People's Committees

- 1. Carry out state management of development of self-produced and self-consumed rooftop solar power within their provinces. Request relevant local organizations and individuals to comply with regulations on duration and procedures for development of self-produced and self-consumed rooftop solar power. Regarding procedures for registering development of self-produced and self-consumed rooftop solar power specified in this Decree, encourage establishment of interconnected online public service systems.
- 2. Assign Departments of Industry and Trade to preside over and cooperate with relevant agencies and units in inspecting compliance with regulations on safety, fire safety and environmental protection during registration of development, installation and operation of self-

produced and self-consumed rooftop solar power. Strictly handle violations within their jurisdiction and according to regulations of law.

3. Assign Departments of Industry and Trade to cooperate with local electric utilities in reviewing and publicly announcing:

- a) Total capacity of self-produced and self-consumed rooftop solar power connected to the national power system under a plan for implementation of a national electricity development planning;
- b) Total certified installed capacity;
- c) Uninstalled capacity.

4. Publicly announce regulations in clause 3 of this Article right after there is any change in capacity.

5. Within 45 days from the effective date of this Decree, establish and promulgate shortened procedures for complying with regulations and following procedures of laws in order to ensure convenience and enable organizations and individuals to register development and invest in construction and installation of self-produced and self-consumed rooftop solar power, including provision of set forms of Departments of Industry and Trade for confirmation of conformity of rooftop solar power capacity with a local generation planning and a plan for execution thereof; authorize inferior authorities to provide guidance for organizations and individuals on development, investment in construction, installation, acceptance and operation according to regulations of law on investment, construction, fire safety, environment and electricity.

6. Organize inspection of processing applications and procedures for development of self-produced and self-consumed rooftop solar power within their provinces.

7. Disseminate policies encouraging development of self-produced and self-consumed rooftop solar power. Balance and allocate their local budgets for encouragement to develop self-produced and self-consumed rooftop solar power within their provinces according to regulations of law.

8. Send reports, using Form No. 03 in the Appendix enclosed with this Decree, to Departments of Industry and Trade on development of self-produced and self-consumed rooftop solar power within their provinces before December 15, every year.

## **Article 21. Responsibility of Vietnam Electricity**

1. Respond to requests made by local authorities for review, preparation of statistics and report on development of self-produced and self-consumed rooftop solar power according to the approved plan for implementation of the national electricity development planning;

2. Cooperate with regulatory authorities in carrying out inspection and recommending measures for handling acts of developing self-produced and self-consumed rooftop solar power in a manner that is contrary to regulations of law and causes adverse impacts on operation of the national power system.
3. Assess self-produced and self-consumed rooftop solar power sources in case the excess electricity is sent back to the national power system so as to safely operate electrical grids under its management.
4. Monitor self-produced and self-consumed rooftop solar power connected to the national power system, thereby ensuring absolute safety for operation of electrical grids under its management. Be responsible for monitoring operation of electricity meters and systems in connection with the remote data collection system of self-produced and self-consumed rooftop solar power connected to the national power system.
5. Be responsible for managing, monitoring, providing guidelines and conducting post-issuance inspection of electric utilities when they develop self-produced and self-consumed rooftop solar power according to regulations in clause 6 Article 7 of this Decree.

## **Article 22. Responsibilities of local electric utilities**

1. Respond to requests made by local authorities for review, preparation of statistics and report on development of self-produced and self-consumed rooftop solar power under their management.
2. Cooperate with regulatory authorities in carrying out inspection and recommending measures for handling acts of developing self-produced and self-consumed rooftop solar power in a manner that is contrary to regulations of law and causes adverse impacts on operation of the national power system.
3. Monitor self-produced and self-consumed rooftop solar power connected to the national power system, thereby ensuring absolute safety for operation of electrical grids in areas where the self-produced and self-consumed rooftop solar power is installed under their management. Be responsible for monitoring operation of electricity meters, systems for preventing electrical backflow and systems in connection with the remote data collection system of self-produced and self-consumed rooftop solar power connected to the national power system. In case of unusual incidents arising from solar power use by clients, notify Departments of Industry and Trade for inspection and resolution according to regulations.
4. Assess self-produced and self-consumed rooftop solar power sources in case the excess electricity is sent back to the national power system so as to safely operate electrical grids under their management.
5. Give assistance and advice to organizations and individuals to conduct initial inspection upon connection and during installation and operation of self-produced and self-consumed rooftop solar power connected to the national power system.

6. Formulate plans and provide solutions to supervise and control rooftop solar power in the digital transformation form when loads are not used on Saturdays, Sundays or holidays for safe operation of the power system.
7. Monitor and supervise systems for preventing electrical backflow to the national power system. Do not install two-way electric meters in the case specified in clause 1 Article 8 of this Decree.
8. Be responsible for managing, monitoring, providing guidelines and conducting post-issuance inspection of organizations and individuals when they develop self-produced and self-consumed rooftop solar power according to regulations in clause 6 Article 7 of this Decree within the scope of electrical grids under their management.

### **Article 23. Responsibilities of organizations and individuals developing self-produced and self-consumed rooftop solar power**

1. Comply with regulations of this Decree and cooperate with electric utilities in safely operating the national power system. Send information to Departments of Industry and Trade after completing construction and installation and putting self-produced and self-consumed rooftop solar power into operation.
2. Meet standards and regulations of law on electric power quality, and connect and share information according to regulations of the electricity law. Organizations and individuals installing self-produced and self-consumed rooftop solar power and selling excess electricity back to the national power system shall be responsible for investing, installing and setting up electric meters and remote data transmission equipment at the delivery point and closely connecting them with remote data collection systems of electric utilities; provide equipment and means for connection to the supervision and control system, thereby ensuring safe and stable operation of equipment, and be responsible for information safety and security according to regulations of law.
3. Collecting, dismantling and handling all supplies, equipment and waste generated during construction, operation or at the end of operation of self-produced and self-consumed rooftop solar power according to regulations of law on environment.
4. Be responsible for investment, installation and operation of self-produced and self-consumed rooftop solar power in accordance with regulations of law on electricity, investment, construction, and tax; regulations on electrical safety, fire safety and explosion prevention in construction, environmental protection, and electricity generation and use safety; applicable technical regulations and laws on quality of electric power, products and equipment of rooftop solar power according to technical standards; regulations on electricity purchase and sale, contracts and other relevant laws.
5. Organizations and individuals developing self-produced and self-consumed rooftop solar power specified in point b, clause 1, Article 8 of this Decree shall install systems for preventing

electrical backflow according to standards and regulations of law and be responsible for ensuring stable operation of these systems.

6. Be obliged to cooperate with local electric utilities in complying with regulations on allocated capacity under the local generation planning and the plan for execution thereof before installing self-produced and self-consumed rooftop solar power.
7. Organizations and individuals developing self-produced and self-consumed rooftop solar power specified clause 6, Article 7 of this Decree shall install systems for preventing electrical backflow to the national power system in case the installed capacity is not conformable with the local generation planning and the plan for execution thereof.
8. Meet requirements for electrical safety, environmental protection and fire safety according to regulations of law when installing electricity storage systems.

#### **Article 24. Responsibilities of managers and investors in industrial parks, industrial clusters, export processing zones, high-tech zones and economic zones**

1. Enable organizations and individuals to develop self-produced and self-consumed rooftop solar power according to regulations of law.
2. Cooperate with power managing-units in assessing self-produced and self-consumed rooftop solar power sources in case the excess electricity is sent back to the national power system so as to safely operate the power system.
3. Manage, monitor and inspect development of self-produced and self-consumed rooftop solar power in areas under their management according to regulations of law.
4. Give assistance and advice to organizations and individuals to conduct initial inspection upon connection and during installation and operation of self-produced and self-consumed rooftop solar power connected to the national power system.
5. Monitor and supervise systems for preventing electrical backflow of organizations and individuals in connection with electrical grids under their management. Do not install two-way electric meters in the case specified in clause 1 Article 8 of this Decree.
6. Be responsible for managing, monitoring, providing guidelines and conducting post-issuance inspection of organizations and individuals when they develop self-produced and self-consumed rooftop solar power according to regulations in clause 6 Article 7 of this Decree within the scope of electrical grids under their management.

#### **Article 25. Transitional clauses**

1. Organizations and individuals that are selling electricity to electric utilities under projects with rooftop solar power systems installed and operated for electricity generation before January 1,

2021 are not allowed to register additional installation of self-produced and self-consumed rooftop solar power at the same location where electricity is used.

2. The following regulations shall apply to organizations and individuals that have developed self-produced and self-consumed rooftop solar power during the national electricity development planning period from January 1, 2021:

a) Households/single-family houses/offices in which self-produced and self-consumed rooftop solar power connected to the national power system is installed shall send relevant information to competent authorities issuing development certificates in order to record scale and locations.

Sale of excess electricity (if any) to the national power system shall comply with regulations in this Decree;

b) Organizations and individuals other than those specified in point a, clause 2 of this Article that have installed self-produced and self-consumed rooftop solar power connected to the national power system shall send relevant information to competent authorities issuing development certificates in order to record scale and locations and the excess electricity must not be sold. Sale of excess electricity (if any) shall comply with regulations in this Decree;

## **Article 26. Effect**

1. This Decree comes into effect from October 22, 2024.

2. Ministers, Heads of ministerial agencies, Heads of Governmental agencies, Presidents of People's Committees of central-affiliated cities and provinces; Heads of relevant agencies, organizations and individuals are responsible for the implementation of this Decree./.

**ON BEHALF OF THE GOVERNMENT  
PP. PRIME MINISTER  
DEPUTY PRIME MINISTER**

**Tran Hong Ha**

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