

The **Directive** Governing the  
Sale of Electrical Energy  
Generated from **Renewable  
Energy Systems** Issued by the  
**Council** of Commissioners of  
Electricity Regulatory  
Commission Pursuant to Article  
(10/B) of the Renewable Energy  
and Energy Efficiency Law No.  
(13), for the Year 2012

The **Directive** Governing the Sale of Electrical Energy Generated from **Renewable Energy Systems** Issued by the **Council** of Commissioners of Electricity Regulatory Commission Pursuant to Article (10/B) of the Renewable Energy and Energy Efficiency Law No. (13), for the Year 2012

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**Article (1)**

This **Directive** shall be called "The Directive governing the sale of electrical energy generated from **Renewable Energy Systems**" and shall enter into force on the date of its publication in the Official Gazette.

**Article (2)**

a- The following words and phrases, wherever they appear in this **Directive** shall have the same meanings assigned to them hereunder unless the context provides otherwise.

- **Commission:** The Electricity Regulatory Commission established pursuant to the General Electricity Law.
- **Council:** Council of Commissioners.
- **Renewable Energy Sources:** The natural sources of energy including solar energy, wind energy, bio-energy, geothermal and hydropower and others.
- **Renewable Energy Systems:** Systems and equipments based on exploiting Renewable Energy Sources for energy production.
- **User:** Any customer who have a **Renewable Energy System** used to produce electrical energy, including small **Renewable Energy Facilities** and houses.
- **Distributor:** A company holder of a license for distribution, retail-supply or a company working pursuant to a concession agreement.
- **Low Voltage:** Voltage that does not exceed the nominal level of (1) kilo Volt (kV).
- **Medium Voltage:** Voltage that exceeds the nominal level of (1) kV but does not exceed the nominal level of (33) kV.

- **Hybrid Sources:** Using two or more **Renewable Energy Sources** within a single application to generate electrical energy.
- **Guideline:** Rules established by the **Distributor** in accordance with regulatory references including procedures, conditions, and requirements of the connection to the **Distributor's** network, and shall be approved by the **Commission**.
- **Energy Net-Metering:** Difference between electrical energy exported from the **User's Renewable Energy System** in kilo Watt hour (kWh) and electrical energy by the imported from the **Distributor's** network in kWh.
- **Connection Point:** Electrical energy metering point between **Renewable Energy System** and **Distributor's** network.
- **Distribution Code:** Technical requirements for the connection of power production facilities to the Distribution System as well as for its operation and use prepared by the Commission to operate the Distribution System.

b- For the purposes of this **Directive**, words and phrases undefined in this **Directive** shall bear the same meanings assigned in the Renewable Energy and Energy Efficiency Law and in the General Electricity Law.

### Article (3)

a.

1. A single phase **User** may install and use **Renewable Energy Systems** with a capacity not exceeding his average monthly consumption, of the previous year from the date of application for connecting the **Renewable Energy Systems**.
2. A new single phase **User** may install and use **Renewable Energy Systems** with a capacity not exceeding the electrical load estimated by **Distributor**, provided that the **User** shall submit a written commitment to the **Distributor**, declaring that the system to be installed for the **User's** actual electrical energy consumption.

b.

1. A three phase **Low Voltage User** may install and use **Renewable Energy Systems** with a capacity not exceeding his average monthly consumption, of the previous year.
  2. A new three phase **User** may install and use **Renewable Energy Systems** with a capacity not exceeding the electrical load estimated by **Distributor**, providing that the **User** shall submit a written commitment to the **Distributor**, declaring that the system to be installed for the User's actual electrical energy consumption.
  3. A three phase **Medium Voltage User** may install and use **Renewable Energy Systems** with a capacity not exceeding his average monthly consumption, of the previous year.
- c. Notwithstanding the provisions in paragraphs (a, b) of this Article, the installed capacity of **Renewable Energy Systems** in a single geographical site shall not exceed (5) Mega Watt (MW) regardless of the number of applications in such site.
- d.
1. The maximum of the overall installed and connected capacity of **Renewable Energy Systems** to the **Low Voltage** side of the **Distributor's** network shall not exceed (1%) of the maximum electrical load recorded on the network of each **Distributor**.
  2. The maximum of the overall installed and connected capacity of **Renewable Energy Systems** to the **Medium Voltage** side of the **Distributor's** network shall not exceed (1.5%) of the maximum electrical load recorded on the network of each **Distributor**.
- e. The size of capacities mentioned in this Article shall be determined when the **User** applies for connecting of the **Renewable Energy Systems** to the **Distributor's** network.
- f. Notwithstanding the provisions of this Article, the capacities of **Renewable Energy Systems** to be installed through programs, initiatives, cooperation, grants and aids where the Jordanian government is a party thereof or

entrusted the same to a third party, shall not be subjected to any limitations contained in this Article.

#### Article (4)

a.

1. For the purposes of calculating the value of electrical energy consumption, the **Distributor** shall make a settlement on a monthly basis between the electrical energy in kWh exported by the **User** and the electrical energy imported by the **User** from the **Distributor's** network.
2. If the electrical energy imported by the **User** from the **Distributor's** network is greater than that exported by the **User** to such network, then the **User** shall pay the value of net electrical energy to the **Distributor** on a monthly basis.
3. If the electrical energy exported from **Renewable Energy Systems** is greater than the electrical energy imported from the network, then the **Distributor** shall rollover the electrical energy surplus (kWh) to the next month of the **User's** account provided that a final financial settlement shall be made until (31 of December) each calendar year.

b. Tariff sale of electrical energy from the **User** to the **Distributor** shall be as follows: -

<b>Renewable Energy Source</b>	<b>Tariff sale of electrical energy (Fils/kWh)</b>
Solar Energy	120
Hybrid Energy	95
Other	85

- c. If the **User** installed **Renewable Energy Systems** of Jordanian origin, then the **User** shall be awarded an incentive of (15%) on the tariff prices shown in paragraph (b) of this Article.
- d. The **Council** shall have the right to terminate working with paragraph (c) of this Article, if the total installed capacity of **Renewable Energy Systems** in the electrical system reaches (500) MW.

- e. The impact of any direct or indirect subsidy driven by the government that is granted for the installation of **Renewable Energy Systems** shall be taken into account and consideration for purposes of determining the tariff sale of electrical energy for each particular case.
- f. The **User** shall continue to pay incurred costs including meter wages, rural electrification files based on quantities of electrical energy imported from the **Distributor's** network.

#### **Article (5)**

- a. The **Distributor** may use the existing meter to measure electrical energy if such meter has the capability to measure the flow of electrical energy in both directions, provided that the meter conforms to the meters certification directive.
- b. If the condition in paragraph (a) is not met, the **Distributor** shall replace and bear the incurred meter replacement cost for purposes of measuring the flow of electrical energy in both directions, provided that the new meter conforms to the meters certification directive.
- c. The **User** may request installation of an additional meter at his own expense for his own purposes including checking, auditing, and increasing reliability, provided that the new meter conforms to the meters certification directive.
- d. The **User** shall be responsible for preparing all requirements for the **Renewable Energy Systems** including **Hybrid Systems**, for purposes of connection with electrical energy meter.

#### **Article (6)**

The **User's Renewable Energy Systems** shall be connected to the **Distributor's** network according to the **Distributor's Guideline**.

### **Article (7)**

- a. **The Distributor** shall have the right to inspect the **Connection Point** with the **User** during the service as defined in the **Distribution Code**.
- b. If the **Distributor** finds after the inspection that the **Connection Point** does not conform with the requirements of the connection rules defined in the **Distribution Code** and such negatively affects the safety or reliability of the **Distributor's** equipments and networks, or may affect other customers, then the **Distributor** shall have the right to disconnect any **Renewable Energy System** causing this breach and such **Renewable Energy System** shall not be reconnected, until it satisfies all requirements defined in the **Distribution Code**.

### **Article (8)**

- a. The **User** may apply to the **Distributor** for terminating working with the **Energy Net-Metering** supported with justified reasons.
- b. Working with the **Energy Net-Metering** shall be terminated in accordance with procedures defined in the **Guideline**, provided that a final settlement shall be made between the **User** and the **Distributor** based on the **Energy Net-Metering** upon termination of **Energy Net-Metering**.

### **Article (9)**

- a. The **Distributor** shall prepare a **Guideline** that includes procedures for application and connection with the **Distributor's** network in addition to related forms including contracts to be signed between the **Distributor** and the **User**, collection, financial clearance, and other forms, as well as procedures for the termination of **Energy Net-Metering**. Such **Guideline** shall be approved by the **Commission**.
- b. The **Distributor** shall provide and publish, by all means, all documents defined in paragraph (a) of this Article.

### **Article (10)**

The **Distributor** shall provide the **Commission** with annual report on **Renewable Energy Systems** connected to the **Distributor's** network no later than (31<sup>st</sup> of March) each calendar year, provided that such report should contain the following information:

- 1- Total **Users' Renewable Energy Systems** classified according to the **Renewable Energy Sources**.
- 2- Overall **Users** installed capacity of **Renewable Energy Systems** classified according to the **Renewable Energy Sources**.
- 3- Total quantities of electrical energy exported by all **Users** of **Renewable Energy Systems** to the **Distributor's** network.
- 4- Total quantities of electric energy imported by all **Users** of **Renewable Energy Systems** from the **Distributor's** network.
- 5- Any additional information required by the **Commission** related to installed **Renewable Energy Systems** installed and connected to the **Distributor's** network.

#### **Article (11)**

- a. The provisions of this **Directive** shall be applied to the **Renewable Energy Systems** to be installed in case of connection to the transmission licensee except as provided in paragraphs (a, b, d) of Article (3).
- b.
  1. The capacity of **Renewable Energy Systems** to be installed and connected to the transmission licensee by a single existing **User** at a single geographic site shall not exceed the **User's** average electrical load of the previous year from the date of application for connecting of the **Renewable Energy Systems**, and complying with the technical restrictions of the capacity allocated by the transmission licensee.
  2. The capacity of **Renewable Energy Systems** to be installed and connected to the transmission licensee by a new **User** shall comply with the technical restrictions of the capacity allocated by the transmission licensee , provided that the **User** I submits a written commitment to the **transmission license**



**declaring that the** system to be installed is for the User's actual electrical energy consumption

**Article (12)**

- a. The **Council** shall decide for the missed cases of this **Directive**.
- b. The **Council** shall issue interpretations and clarifications necessary for this **Directive** whenever needed.
- c. The **Council** shall review this **Directive** on an annual basis or whenever needed.
- d. This **Directive shall replace the Directive** governing the sale of electrical energy generated from **Renewable Energy Systems** published in the official Gazette No. (5158) dated 16/5/2012.

**Chairman of Council of Commissioners  
Electricity Regulatory Commission  
Ahmad Hiasat**