

**The Directive for the Costs of
Connecting Renewable Energy Facility
to the Distribution System for Direct
Proposals and Competitive Tenders
Issued by the Council of Commissioners
of Electricity Regulatory Commission
Pursuant to Article (9/B) of the
Renewable Energy and Energy
Efficiency Law No. (13), for the
Year 2012**

The Directive for the Costs of Connecting Renewable Energy Facility to the Distribution System for Direct Proposals and Competitive Tenders Issued by the Council of Commissioners of Electricity Regulatory Commission Pursuant to Article (9/B) of the Renewable Energy and Energy Efficiency Law No. (13), for the Year 2012

Article (1)

This Directive shall be called "Costs of connecting **Renewable Energy Facility** to the **Distribution System** for direct proposals and competitive tenders "and shall enter into force on the date of its publication in the Official Gazette.

Article (2)

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:** Electricity Regulatory Commission established pursuant to the General Electricity Law.
- **Council:** Council of Commissioners.
- **Renewable Energy Facility:** The facility that works on exploiting **Renewable Energy Sources** and systems.
- **Renewable Energy:** Energy produced from inexhaustible natural resources.
- **Distribution System:** The system consisting of cables, overhead lines, electrical plant and apparatus, having a design voltage of 33 kV or lower, used for the distribution of electric power from interconnection points of the transmission system with the **Distribution System** to the point of delivery to Consumers or connection of Users, but shall not include any part of a transmission system.
- **Distributor:** A company holder of a license for distribution, retail-supply or a company working pursuant to a concession agreement
- **Connection Point:** **Connection Point** at the bushing on the high voltage side of the **Step up Power Transformer** or a **Connection Point** by any other means to the **Distributor's** network as the case may be.

- **Step up Power Transformer:** The transformer used to step up the voltage of the **Renewable Energy Facilities** to the **Distribution System** voltage level.
- **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.

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) **The Distributor** shall be responsible for all costs related to equipments and networks installed at the **Distributor** side up to the **Connection Point** with the **Renewable Energy Facility**. Such costs shall be included in the **Distributor's** capital expenditure that is submitted for approval by the **Council** during the electricity tariff reviewing period in accordance with the electricity tariff methodology, provided that such costs shall be put into effect after the application of mechanisms and procedures as applicable by the **Distributor's** regulations and directive.
- b) The owner of the **Renewable Energy Facility** shall be responsible for all costs related to equipments and networks installed at the owner side up to the **Connection Point** with the **Distributor's** network. Such costs shall include the requirements for **Connection Point** with the **Distributor's** network provided in coordination with the **Distributor**.

Article (4)

- a) For the purposes of this **Directive**, the **Connection Point** is determined as follows: -
 1. If the transfer of electrical energy generated by **Renewable Energy Facility** requires the installation of a substation for receiving electrical energy generated from such facility, then the **Connection Point** shall be located at the bushing on the high voltage side of the **Step up Power Transformer**, provided that such voltage shall be equal to the **Distributor's** network

voltage level, and the technical requirements shall be complied with according to the **Distribution Code**.

2. If the transfer of electrical energy generated by **Renewable Energy Facility** does not require the installation of a substation for receiving electrical energy generated from this facility, then the **Connection Point** shall be the voltage point for such facility, by using any other possible connection means, provided that such voltage shall be equal to the **Distributor's** network voltage level, and the technical requirements shall be complied with according to the **Distribution Code**.
- b) The metering point for electrical energy generated by **Renewable Energy Facility** shall be the **Connection Point**.

Article (5)

The owner of the **Renewable Energy Facility** shall design, procure, and install all works related to connecting **Renewable Energy Facility** to the **Distribution System** in compliance with the requirements for **Distribution Code**.

Article (6)

- a) The **Council** shall decide for the missed cases of this **Directive**.
- b) The **Council** shall issue necessary interpretations and clarifications to this **Directive** whenever needed.
- c) The **Council** may review this **Directive** on an annual basis or whenever needed.

Chairman of Council of Commissioners
Electricity Regulatory Commission
Ahmad Hiasat