Based on Article 112 paragraph 1 item 31 and Article 180 of the Energy Law (Official Gazette of Montenegro, no. 5/16, 51/17 and 82/20) and Article 45 of the By-Laws of Crnogorski elektroprenosni sistem AD Podgorica, the Board of Directors, at the xx meeting held on xx.xx.2021, established the following

Methodology for establishing the electricity transmission system connection fee

The Methodology was published in the Official Gazette of Montenegro, no. xx/2021 of xx.xx.2021, and entered into force on xx.xx.2021

I. GENERAL PROVISIONS

Subject matter

Article 1

(1) This Methodology shall regulate the manner of establishing, deadlines and the manner of payment of fees related to the connection of user, end customer and/or new producer to the electricity transmission system that the applicant for connection or increase of connection capacity is obliged to pay to the transmission system operator.

Principles of establishing connection fee

Article 2

(1) The procedure for establishing connection fee is based on the principles of equal and non-discriminatory treatment of users to be connected to the electricity transmission system.

II. ESTABLISHING CONNECTION FEE

Connection fee

Article 3

(1) The applicant for connection or increase of connection power, i.e. capacity, to the electricity transmission system is obliged to pay the connection capacity fee.

(2) The amount of the fee referred to in paragraph 1 herein shall be established by the competent system operator based on unit fees and in accordance with this Methodology.

(3) The fee established in accordance with paragraph 2 herein must be the same for connections of the same capacity at the same voltage level.

Request for establishing connection fee

Article 4

(1) The fee referred to in Article 3 paragraph 1 shall be established in the procedure initiated by the applicant for connection to the electricity transmission system by submitting a request for establishing connection fee or increasing connection capacity.

(2) The applicant referred to in Article 3 paragraph 1 shall, in addition to the request for connection to the electricity transmission system submitted in accordance with the Transmission Grid Code, submit the request for establishing connection fee or increase of connection capacity to the electricity transmission system.

(3) The application form for establishing connection fee or increasing connection capacity is given in Annex 1 to this Methodology.

Analysis of connecting possibilities

Article 5

(1) After receiving the request for connection, the transmission system operator shall prepare an analysis of the possibility of connection to the system at the expense of the applicant for connection.

(2) The fee for the analysis of connecting possibilities must be the same for all applicants for connection regardless of the capacity and voltage level of connection.

(3) The fee for the analysis of connecting possibilities shall be established by a separate decision on establishing the fee for the analysis of connecting possibilities and unit connection fees issued by the competent operator, and approved by the Energy and Water Regulatory Agency of Montenegro.

(4) The applicant for connection is obliged to submit with the request for connection a certificate of payment of the fee for the analysis of connecting possibilities.

Unit connection fee

Article 6

(1) The average costs of construction of electric power facilities of the competent system operator are used as a basis for establishing the unit connection fee.

(2) The average costs referred to in paragraph 1 are costs of:

- facilities, equipment, devices and materials that are installed for the construction of a typical plant of a transformer station and lines of appropriate voltage level;
- work of persons, use of machines and use of vehicles on the construction of electric power facilities and
- designing, obtaining the prescribed consents and approvals and performing preparatory works on the construction of facilities, as well as the costs of performing other necessary professional and operational work for the construction of facilities.

(3) The average costs referred to in paragraph 1 shall be established depending on the voltage level of the network to which the facility is connected, or:

1) for connection at 400 kV high voltage - costs of construction of 400 kV lines, which are part of the 1350 MVA transmission power system;
2) for connection at 110 kV high voltage - costs of construction of one 400/110 kV / kV transformer station with the power of transformation of 600 MVA and 110 kV lines, the number of which is equal to the average number of these lines connected in existing transformer stations of this type, which are part of the system.

(4) The length of line shall be determined as the average length of existing lines of appropriate voltage level referred to in paragraph 3 herein.

(5) The unit fee is expressed in €/kW and shall be established in accordance with this Methodology, and depending on the voltage level, according to the following formula:

1) for connection at 400 kV high voltage:

$C_{JNP} = K_\alpha \times PT / (K_\beta \times (1-K_\gamma) \times K_\rho \times S_N)$,

where:

$PT = (T_{ODV} + T_{RDV}) \times L_{DV} + T_{PDV}$,

whereby:

C_{JNP} – is the unit fee (€/kW),

K_α – is the user participation coefficient,

P_T – is the average total costs (€),

K_β – is the coefficient of allowed load in winter,

K_γ – is the capacity reserve coefficient,

K_ρ – is the active capacity factor,

S_N – is the line transmission capacity for 400 kV voltage level (kW),

T_{ODV} – is the average costs of installed equipment, devices and materials (€/km),

T_{RDV} – is the average costs of works performed during the construction of facilities (€/km),

L_{DV400} – is the average length of lines of 400 kV voltage level which are part of the system of the competent operator (km),

T_{PDV} – is the average costs of designing and obtaining other documentation (€/line).

2) for connection at 110 kV high voltage:

$C_{JNP} = K_\alpha \times PT / (K_\beta \times (1-K_\gamma) \times K_\rho \times S_N)$,

where:

$PT = T_{ITS} + T_{PTS} + (T_{ODV} + T_{RDV}) \times L_{DV} \times N + T_{PDV} \times N$,

whereby:

C_{JNP} – is the unit fee (€/kW),

K_α – is the user participation coefficient,

P_T – is the average total costs (€),

K_β – is the coefficient of allowed load in winter,

K_γ – is the capacity reserve coefficient,

K_ρ – is the active capacity factor,

S_N – is the total installed capacity of transformer station (kW),

T_{ITS} – is the average costs of construction of transformer station (€),

T_{PTS} – is the average costs of designing and obtaining other documentation for transformer station (€),

T_{ODV} – is the average costs of installed equipment, devices and line materials (€/km),

T_{RDV} – is the average costs of works performed during the construction of line (€/km),

L_{DV110} – is the average length of 110 kV voltage level lines connected in the existing 400/110 kV / kV transformer stations, which are part of the system of the competent operator,

N – is the average number of 110 kV lines per transformer station (km),

T_{PDV} – is the average costs of designing and obtaining other documentation for line (€/line).

(6) The elements referred to in paragraph 5 herein shall be established by the decision referred to in Article 5 paragraph 3 of this Methodology.

Establishing connection fee

Article 7

(1) The fee referred to in Article 3 paragraph 1 shall be established according to the following formula:

$$N = C_{JNP} \times P$$

where:

N – is the fee for the connection of applicant (€),

C_{JNP} – is the unit fee (€/kW) and

P – is the connection capacity of the new or the value of increase of connection capacity of the connected user (kW).

III. PAYMENT OF CONNECTION FEE

Article 8

(1) The connection fee shall be established by a decision on establishing connection fee or increase of connection capacity.

(2) The transmission system operator shall make the decision referred to in paragraph 1 herein no later than 90 days from the day of submitting the request for establishing connection fee.

(3) The decision referred to in paragraph 2 herein, i.e. the amount of connection fee, is an integral part of the Contract on construction of connection infrastructure and connection, in accordance with Article 177 of the Energy Law.

(4) The applicant for establishing connection fee or increase of connection capacity is obliged to submit a certificate of payment of the fee referred to in paragraph 1 herein by the date of conclusion of the Contract on construction of connection infrastructure and connection.

IV. TRANSITORY AND FINAL PROVISIONS

Termination of validity

Article 9

(1) The Methodology for establishing prices, terms and conditions for connection to the electricity transmission system, published in the Official Gazette of Montenegro, no. 14/2018 of 13 March 2018, shall cease to have effect on the date of entry into force of this Methodology,.

Entry into force

Article 10

(1) This Methodology shall enter into force on the eighth day following its publication in the ‘’Official Gazette of Montenegro.

Number: xxxx/x
Podgorica, xx.xx.2021

Chairman of Board,
Aleksandar Mijušković, dip.el.ing

Annex 1: Request for establishing connection fee

Type of application:

☐ Connection

☐ Increasing connection capacity

Owner of facility to be connected:

Responsible person _____

TIN/UMCN _____

Address: _____

_____

Facility to be connected:

Address: _____

Cadastral municipality: _____

Cadastral plot: _____

Requested connection capacity and voltage level:

_____ kW

☐ 110kV ☐ 400kV

Owner of facility