

**Subsidiary Company "Elektrokrajina" a.d.
Banja Luka**

INSTRUCTION

**on the manner, conditions and procedure for connecting the facilities of end
consumers and producers to the electricity distribution network**

Banja Luka, October 2009

Pursuant to the law on electrical energy ("Official Gazette of the Republic of Srpska", No. 8/08 and 34/09), the General Conditions for the delivery and supply of electrical energy ("Official Gazette of the Republic of Srpska", No. 85/09) and the Administrative Decision on determining the fee for connection of end consumers' facilities to the distribution network, adopted by the Electricity Regulatory Commission, Subsidiary Company "Elektrokrajina" a.d. issues

INSTRUCTION

on the manner, conditions and procedure for connecting end consumers and producers to the electricity distribution network

1. FORMS

All standard forms adopted at the level of Mixed Holding "Elektroprivreda Republike Srpske" Trebinje are given in the **Annex 1** of this Instruction.

2. CONNECTION FEES

Fees for connecting end consumers' facilities are determined by the Regulatory Commission for Energy of the Republic of Srpska, and are given in the Annex 2 of this Instruction.

3. PRICE LIST OF SERVICES IN DISTRIBUTION COMPANIES

Price list of services adopted at the level of Mixed Holding "Elektroprivreda Republike Srpske" Trebinje is given in the **Annex 3** of this Instruction.

4. END CONSUMER CONNECTION PROCEDURE

Step one

The end consumer submits the **Request for the issuance of electricity permit**, with supporting documents specified in the Request, to the Work unit of "Elektrodistribucija", on whose territory the subject facility for connection of the end consumer is located.

Step two

Within 30 days, **The Work unit** of "Elektrodistribucija" is obliged to:

- prescribe technical, energy and other conditions for connection of the end consumer in the form of the **Electricity Permit**;
- elaborate technical documentation for standard connections;
- prepare the Connection Contract (with the total Bill of Quantities, according to the Methodology and Price List);
- for non-standard connections, inform the end consumer about the need to conclude a Contract for the elaboration of technical documentation.

Step three

The end consumer obtains the Electricity Permit and the Connection Contract. Upon signing the Contract and payment of the costs, the Administrative Decision is delivered to the Work unit of "Elektrodistribucija"

Step four

The Work unit of "Elektrodistribucija" connects an electricity supply in accordance with the General Terms and Conditions.

Step five

The end consumer submits a **Request for Connection** – electrical certificate of compliance, signs Supply Contract and Network Access Contract.

Step six

The Work unit of "Elektrodistribucija" signs the **Declaration on Connection** and registers the end consumer.

Note: Due to use of the new Methodology and Price List of services that have been in force since 01.10.2009, it is allowed for the work units of "Elektrodistribucija" to take into account the investments of end consumers in the cost of materials until 31.12.2009, and to present them in the Connection Contract.

FEES FOR CONNECTION OF END CONSUMERS' FACILITIES TO THE DISTRIBUTION NETWORK

1. Part of the fee for construction of standard connecting device (NIP (SP)) in a fixed amount with Value Added Tax

Table 1.

No.	Standard connection type		NIP (SP) (BAM)	VAT (17%)	IN TOTAL (BAM)
1	PM1s	One single-phase overhead standard connecting device with measuring point on pole	350.8	59.6	410.4
2	PM1o	One single-phase overhead standard connecting device with measuring point on the facility	367.5	62.5	430.0
3	PM2s	One single-phase underground standard connecting device with measuring point on the pole	893.2	151.8	1,045.0
4	PM2o	One single-phase underground standard connecting device with measuring point on the facility	909.8	154.7	1,064.5
5	PT1s	One three-phase overhead standard connecting device with measuring point on the pole	511.9	87.0	598.9
6	PT1o	One three-phase overhead standard connecting device with measuring point on the facility	528.5	89.8	618.3
7	PT2s	One three-phase underground standard connecting device with measuring point on the pole	1,097.4	186.6	1,284.0
8	PT2o	One three-phase underground standard connecting device with measuring point on the facility	1,114.1	189.4	1,303.5
9	GT14o	Group standard three-phase overhead connecting device with measuring point on the facility (4 measuring points)	1,338.7	227.6	1,566.3
10	GT13o	Group standard three-phase overhead connecting device with measuring point on the facility (3 measuring points)	1,159.3	197.1	1,356.4
11	GT12o	Group standard three-phase overhead connecting device with measuring point on the facility (2 measuring points)	847.3	144.0	991.3
12	GT24o	Group standard three-phase underground connecting device with measuring point on the facility (4 measuring points)	1,805.8	307.0	2,112.8
13	GT23o	Group standard three-phase underground connecting device with measuring point on the facility (3 measuring points)	1,626.4	276.5	1,902.9

No.	Standard connection type		NIP (SP) (BAM)	VAT (17%)	IN TOTAL (BAM)
14	GT22o	Group standard three-phase underground connecting device with measuring point on the facility (2 measuring points)	1,314.4	223.4	1,537.8
15	GM14o	Group standard single-phase overhead connecting device with measuring point on the facility (4 measuring points)	1,019.8	173.4	1,193.2
16	GM13o	Group standard single-phase overhead connecting device with measuring point on the facility (3 measuring points)	920.1	156.4	1,076.5
17	GM12o	Group standard single-phase overhead connecting device with measuring point on the facility (2 measuring points)	687.8	116.9	804.7
18	GM24o	Group standard single-phase underground connecting device with measuring point on the facility (4 measuring points)	1,486.9	252.8	1,739.7
19	GM23o	Group standard single-phase underground connecting device with measuring point on the facility (3 measuring points)	1,387.2	235.8	1,623.0
20	GM22o	Group standard single-phase underground connecting device with measuring point on the facility (2 measuring points)	1,155.0	196.4	1,351.4
21	PT1Po	Single-phase overhead standard connecting device, with power to 69.2 kW with measuring point on the facility	1,451.7	246.8	1,698.5
22	PT1opi	Individual three-phase overhead standard connecting device of a facility, with power up to 110.72 kW with measuring point on the facility	1,827.8	310.7	2,138.5
23	PT2opi	Single three-phase underground standard connecting device of a facility, with power up to 110.72 kW with measuring point on the facility	2,464.7	419.0	2,883.7
24	PT2opi1	Single three-phase underground standard connecting device of a facility, with power up to 138.40 kW with measuring point on the facility	2,752.3	467.9	3,220.2

2. Part of the fee for the construction of a standard metering point (NMM) with Value Added Tax

Table 2.

No.	Measuring point type	(BAM)	VAT (17%)	IN TOTAL (BAM)
1	Single-phase, direct, multifunctional, multi-tariff measuring point, connection at 0.4 kV voltage level (MM1m)	231.15	39.3	270.4
2	Three-phase, direct, multifunctional, multi-tariff metering point, connection at 0.4 kV voltage level (MM1t)	320.51	54.5	375.0
3	Three-phase, direct measuring group, multifunctional, multi-tariff, when connected to 0.4 kV voltage level (MM1tdg)	1,150.84	195.6	1,346.5

No.	Measuring point type	(BAM)	VAT (17%)	IN TOTAL (BAM)
4	Three-phase, semi-indirect measuring set, multifunctional, multi-tariff, code connections at 0.4 voltage level (MM1opi)	1,460.18	248.2	1,708.4
5	Measuring point for group connection up to 8 users at 0.4 kV voltage level (MMGP 8)	2,578.32	438.3	3,016.6
6	Measuring point for group connection up to 20 users at 0.4 kV voltage level (MMGP 20)	7,199.64	1223.9	8,423.6
7	Measuring point for group connection up to 32 users at 0.4 kV voltage level (MMGP 32)	11,023.21	1,873.9	12,897.2
8	Indirect measuring group, multifunctional, multi-tariff, connection at 10/20 kV voltage level (MMi10)	8,165.79	1,388.2	9,554.0
9	Indirect measuring group, multifunctional, multi-tariff, connection at 35 kV voltage level (MMi35)	11,750.47	1,997.6	13,748.0

3. Part of the fee for the construction of a standard connection line (NPV) with Value Added Tax

Table 3.

Connection line type	(BAM / m)	VAT (17%)	IN TOTAL (BAM)
Non-standard one single-phase overhead connection line at 0.4 kV (NPM190) up to 90 m	BAM 858.42 Fixed fee	145.9	1,004.4
Non-standard one single-phase underground connection line at 0.4 kV (NPM2)	23.69	4.0	27.7
Non-standard one three-phase overhead connection line at 0.4 kV up to 43.5 kW connection power (NPT190) up to 90 m	BAM 995.67 Fixed fee	169.3	1,164.9
Non-standard one three-phase underground connection line at 0.4 kV to 43.5 kW connection power (NPT2)	25.46	4.3	29.8
Non-standard one three-phase overhead connection line at 0.4 kV to 110.72 kW connection power (NPT1r)	19.77	3.4	23.1
Non-standard one three-phase underground connection line at 0.4 kV up to 110.72 kW connection power (NPT2mg)	28.74	4.9	33.6
Non-standard one three-phase underground connection line at 0.4 kV to 138.42 kW connection power (NPT2mg1)	37.27	6.3	43.6
Non-standard group overhead connection line at 0.4 kV (NG14)	19.77	3.4	23.1
Non-standard group underground connection line at 0.4 kV (NG24)	25.23	4.3	29.5
Non-standard group underground connection line at 0.4 kV (NG28)	30.68	5.2	35.9

Connection line type	(BAM / m)	VAT (17%)	IN TOTAL (BAM)
Non-standard group underground connection line at 0.4 kV (NG220-32)	37.27	6.3	43.6
Non-standard overhead connection to 10/20 kV, Al-Fe conductor (NSN1101)	20.24	3.4	23.7
Non-standard overhead connection at 10/20 kV, self-supporting wiring harness (NSN1102)	78.31	13.3	91.6
Non-standard underground connection line at 10/20 kV (NSN210)	56.82	9.7	66.5
Non-standard overhead connection line at 35 kV, Al-Fe conductor (NSN135)	62.46	10.6	73.1
Non-standard underground connection line at 35 kV (NSN235)	78.59	13.4	92.0

4. Unit prices in BAM / kW for calculating part of the fee for providing conditions for connection (NOP) with Value Added Tax

Table 4.

	Unit price of the fee for providing the conditions for connection (BAM / kW)	VAT (17%)	IN TOTAL (BAM)
35 kV	9.99	1.7	11.7
10 kV	30.45	5.2	35.6
Other consumption at 0.4 kV whose power demand is determined by measurement	57.85	9.8	67.7
Other consumption at 0.4 kV whose power demand is not determined by measurement	28.92	4.9	33.8
Households	16.53	2.8	19.3
Public lighting	82.64	14.0	96.7

5. Fee for construction of a measuring point for group non-standard connection at 0.4 kV voltage level when the number of measuring devices is less than the typified number (8, 20 and 32) shall be determined by multiplying the fee for a typical metering point for a group connection with the first larger number of measuring devices by the quotient of the number of measuring devices of that metering point for a group non-standard connection and the number of measuring devices for a typical metering point measuring devices.

6. Compensation for construction of a typical non-standard connection line from point 2 of this Administrative Decision is adjusted upon the conclusion of the contract on the connection according to the actual costs of a particular connecting line, and which refer to the resolving land property relations and the design of more complex connections, the preparation of route, cutting operations, crossing with road and other infrastructure, the type of land in which the excavation is performed, and the installation of equipment and materials that differ from the standardized ones, if these costs differ from the costs of the connection line on the basis of which the unit price was derived.
7. Compensation for connection of end consumer's facility with more than 32 measuring devices to a non-standard connecting device at 0.4 kV voltage level, is determined as the sum of fees determined for standard measuring points for group connection and standard connection lines in accordance with points 2, 3 and 4 of the enacting terms of this Administrative Decision.
8. The users of the license for performing the activity of electricity distribution are under obligation to publish the determined compensation for connection to the distribution network and the relevant information from this Administrative Decision and to make them available to all users.
9. The Appendix to this Administrative Decision is "Specification of materials, equipment, works and relating costs used to determine the compensation for construction of standard connections".
10. The compensations referred to in items 1 and 2 of the enacting terms of this Administrative Decision shall be applied starting from 01.10.2009
11. The enacting terms of this Administrative Decision are published in the "Official Gazette of the Republic of Srpska", and Administrative Decision with the explanation and Annexes from point 7 of this Administrative Decision are available on the notice board and website of the Regulatory Commission for Energy of the Republic of Srpska.

ANNEX 3
(PRICE LIST)

Mixed Holding Elektroprivreda RS

Parent Company a.d. Trebinje

Price list of services in distribution companies

Trebinje, October 2009

No.	Job description	Price (BAM excluding VAT)
1.	Issuance of consent to the location (for all facilities)	free of charge
2.	Issuance of the Administrative Decision on the electricity consent	
2.1.	Households (family residential facilities)	30
2.2.	Public lighting	30
2.3.	Other consumption on LV (low voltage)	50
2.4.	Residential facilities for collective housing and residential business facilities	80
2.5.	Other consumption of MV (medium voltage)	80
2.6.	Production facilities (small power plants)	100
3.	Issuance of the Administrative Decision on electricity permit for temporary facilities and construction sites	
3.1.	Temporary facilities	30
3.2.	Construction sites	50
4.	Preparation and issuance of Declaration on Connection	included in the connection fee
5.	Customer registration and including them into the records	
5.1.	Households, shared consumption or public lighting	free of charge
5.2.	Other consumption of LV and MV, temporary facilities and construction sites	free of charge
6.	Elaboration of the connection project	
6.1.	Elaboration of a standard connection project	included in the connection fee
6.2.	Elaboration of a non-standard low voltage connection project	included in the connection fee
6.3.	Elaboration of a non-standard medium voltage connection project	3% of the estimated value of the connection (included in the connection fee)
7.	Resolving property and legal relations on the route of the connection line in case of non-standard connection of the customer's facility	actual costs are included in the construction fee for non-standard connection line

No.	Job description	Price (BAM excluding VAT)
8.	Temporary connection of a facility for collective housing and customers' facilities from the category of other consumption at medium voltage, in order to examine the compliance of installation or test work	100
9.	Deregistration of the measurement point (all categories of consumers)	free of charge
10.	Copy of the document	10
11.	Costs of disconnection, i.e. connection on a pole, roof rack or LV cabinet at the request of the end consumer due to works on the facility (single-phase or three-phase connection)	30
12.	Costs of disconnection and reconnection due to non-compliance with the Supply Contract	
12.1.	Households	30
12.2.	Other consumption	40
13.	System replacement of measuring devices at registered consumers due to calibration within the legal deadline (including calibration)	free of charge
14.	Replacement of the measuring device and checking its compliance at the request of the electricity consumer *	
14.1.	Replacement and calibration of direct meter	40
14.2.	Replacement and calibration of measuring set	100
14.3.	Replacement and calibration of the electric timer	35
15.	Checking the compliance and calibration of the measuring device	
15.1.	Single-phase single-tariff meter	20
15.2.	Single-phase two-tariff meter	24
15.3.	Three-phase single-tariff meter	30
15.4.	Three-phase double-tariff meter	35
15.5.	Three-phase transformer meter	60
15.6.	Three-phase multi-tariff meter with maxigraph	80

No.	Job description	Price (BAM excluding VAT)
15.7.	Electric timer	25
16.	Relocation of power facilities on the customer's property at the customer's request	according to the actual costs, in accordance with the technical solution prescribed by the distributor and if conditions are fulfilled
17.	Changing customer's name (according to the Administrative Decision of the authority, in agreement with the former customer, for inheritance or other documented reason) – re-registration	free of charge
18.	New registration of a customer previously deregistered at personal request	10
19.	Change of tariff group or consumption category (once in 12 months)	free of charge
20.	Issuing bill copy for consumed electric energy	free of charge
21.	Voltage quality control upon customer complaint	free of charge