

Preliminarni temeljni podaci*
Basic Preliminary Data**

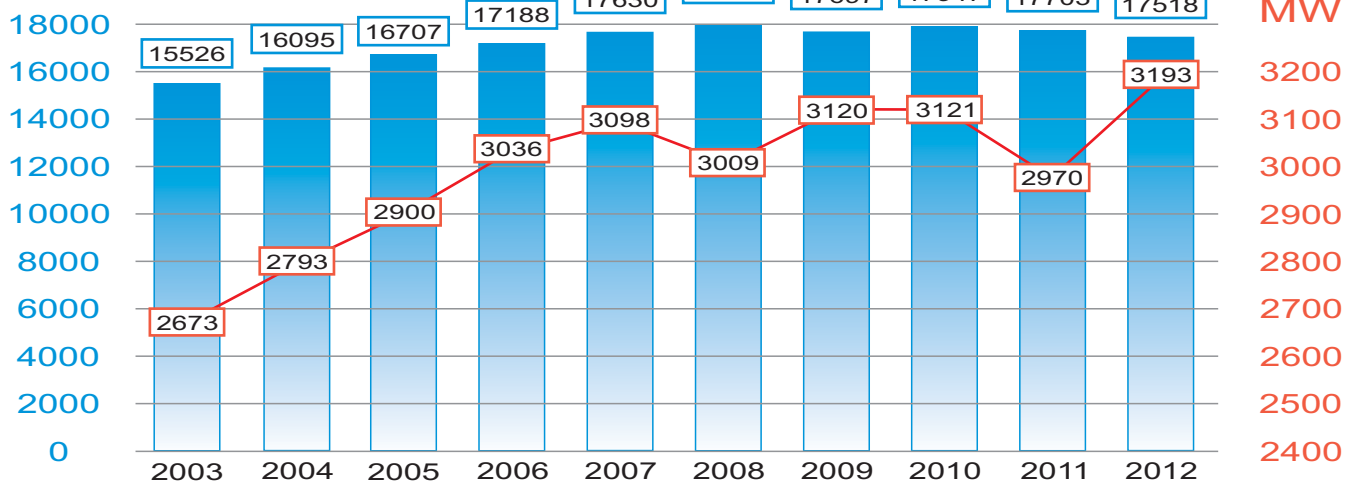
2012

Godišnji konzum (GWh) i
vršno opterećenje sustava (MW)Annual Demand (GWh) and
System Peak Load (MW)

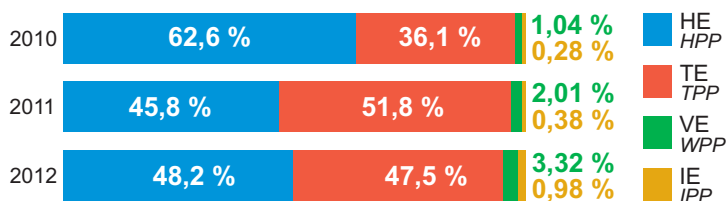
17518 Godišnji konzum (Annual Demand)

3193 Vršno opterećenje sustava (System Peak Load)

GWh

Proizvodnja električne energije u Hrvatskoj (GWh)***
Electricity Production in Croatia (GWh)****

Godina Year	Elektrane Power Plants				Ukupno Total
	Hidro Hydro	Termo Thermal	Vjetro Wind	Industrijske Industrial	
2010	8309	4787	138	38	13272
2011	4581	5179	201	38	9999
2012	4772	4699	329	97	9897

*** Preuzeto u prijenosnu i distribucijsku mrežu
**** Delivered to the Transmission and Distribution NetworkMaksimalno i minimalno opterećenje sustava (MW)
Maximum and Minimum System Load (MW)

Godina Year	Maksimum Maximum	Datum i vrijeme Date and Time	Minimum Minimum	Datum i vrijeme Date and Time
2010	3121	16.12. 18:00	1113	23.05. 06:00
2011	2970	25.01. 19:00	1185	25.04. 04:00
2012	3193	06.02. 19:00	1132	27.05. 06:00

Ukupna prenesena energija
prijenosnom mrežomAmount of electricity
transferred across the
transmission network

Godina Year	GWh
2010	25114
2011	23642
2012	22590

Gubici u
prijenosnoj mrežiTransmission Network
LossesGubici(%)=100xGubici/Ukupna prenesena energija
Losses(%)=100xLosses/Amount of electricity transferred
across the transmission network

Godina Year	GWh	%
2010	598	2,38
2011	514	2,17
2012	462	2,04

Proizvodni kapaciteti u Hrvatskoj (MW)
Production Capacity in Croatia (MW)

Elektrane Power Plants				Ukupno Total
Hidro Hydro	Termo Thermal	Vjetro Wind	Industrijske Industrial	
2112	1811	133	212	4268

Isporuca kupcima izravno
prikličenima na
prijenosnu mrežuDelivery to the Customers
Directly Connected to the
Transmission Network

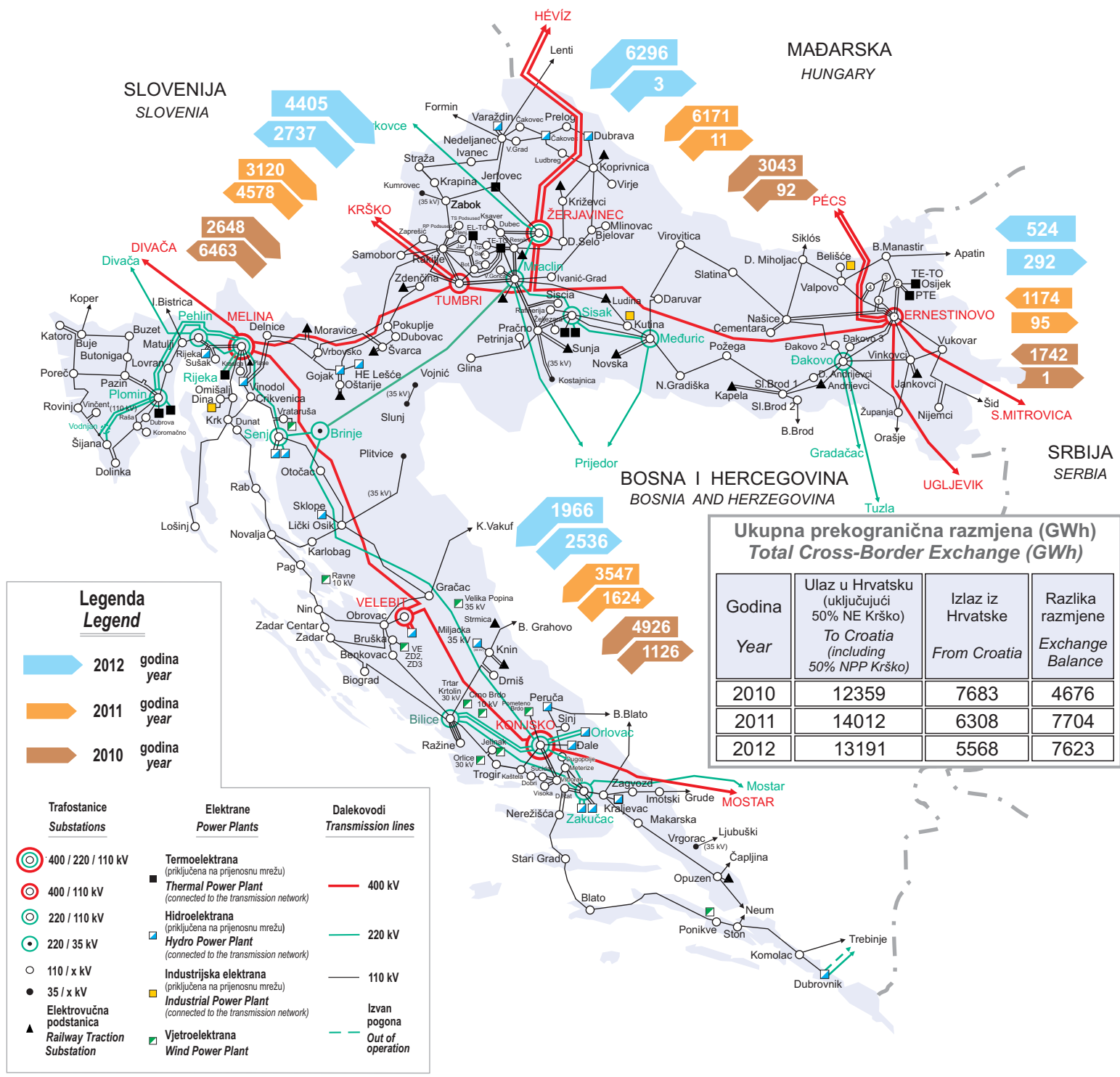
Godina Year	GWh
2010	852
2011	751
2012	600

* Podaci iz ovog materijala mogu se koristiti samo u integralnom obliku i uz navođenje izvora podataka.

HEP-Operator prijenosnog sustava d.o.o. zadržava pravo promjene podataka bez prethodne najave, te neće biti odgovoran za moguće posljedice proizašle iz takvih promjena.

** Data in the presented material can be used only in integral form and with referring to the data source.

HEP-Transmission System Operator LLC shall reserve the right to change data without prior notice, and shall not be liable in any way for possible consequences of such changes.



**Legenda
Legend**

- ▶ 2012 godina year
- ▶ 2011 godina year
- ▶ 2010 godina year

**Trafostanice
Substations**

- 400 / 220 / 110 kV
- 400 / 110 kV
- 220 / 110 kV
- 220 / 35 kV
- 110 / x kV
- 35 / x kV
- Elektrovučna podstanica
- ▲ Railway Traction Substation

**Elektrane
Power Plants**

- Termoelektrana (prikjučena na prijenosnu mrežu)
Thermal Power Plant (connected to the transmission network)
- Hidroelektrana (priključena na prijenosnu mrežu)
Hydro Power Plant (connected to the transmission network)
- Industrijska elektrana (priključena na prijenosnu mrežu)
Industrial Power Plant (connected to the transmission network)
- Vjetroelektrana
Wind Power Plant

**Dalekovodi
Transmission lines**

- 400 kV
- 220 kV
- 110 kV
- Izvan pogona
Out of operation

**Dalekovodi u pogonu u nadležnosti
HEP-Operatora prijenosnog sustava d.o.o.
Transmission Lines in Operation under the Competence
of HEP-Transmission System Operator LLC**

Napon Voltage Level	Duljina (km) Circuit Length (km)
400 kV	1247
220 kV	1210
110 kV	4828
Srednji napon Medium Voltage	203
Ukupno Total	7488

**Trafostanice u nadležnosti
HEP-Operatora prijenosnog sustava d.o.o.
Substations under the Competence of
HEP-Transmission System Operator LLC**

Napon Voltage Level	Broj Number	MVA
400/x kV	5	4100
220/x kV	6	2120
110/x kV	122	4961
Ukupno Total	133	11181

Značajnija prijenosna postrojenja stavljena u pogon 2012.:

- Nova trafostanica 110/(20)10 kV Dugopolje
- Nova trafostanica 12/110 kV Jelinak
- Nova trafostanica 20/110 kV Ponikve

Main transmission facilities commissioned during the year 2012:

- New substation 110/(20)10 kV Dugopolje
- New substation 12/110 kV Jelinak
- New substation 20/110 kV Ponikve