

Preliminarni temeljni podaci\*  
Basic Preliminary Data\*\*

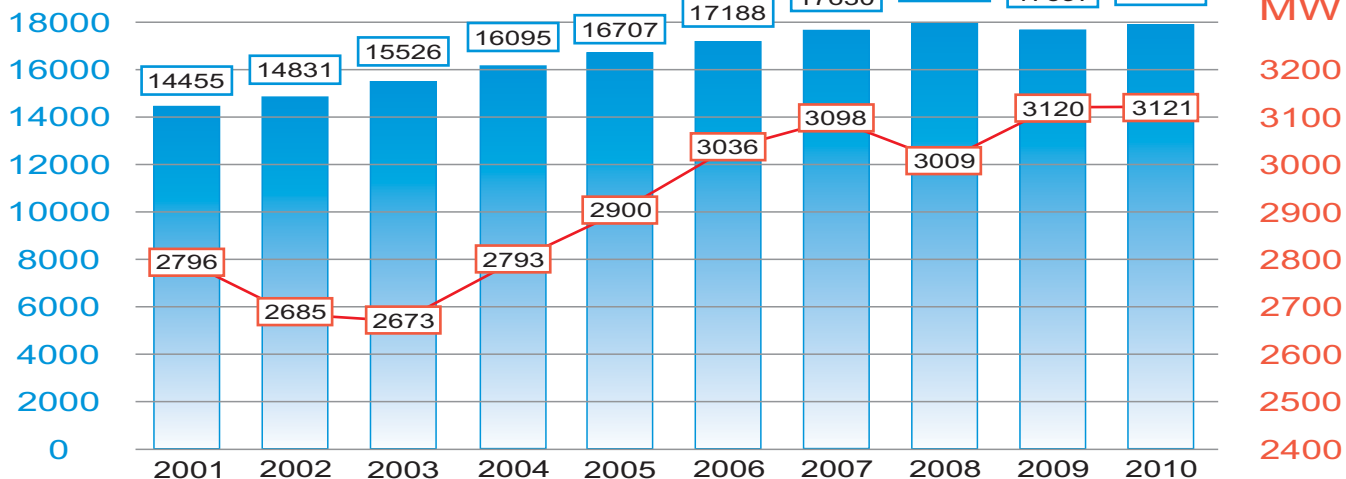
2010

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

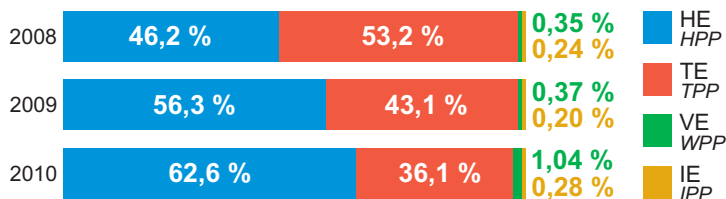
17784 Godišnji konzum (Annual Demand)

3121 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	
2008	5277	6075	40	27	11419
2009	6767	5178	45	25	12015
2010	8309	4787	138	38	13272

\*\*\* 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
2008	3009	31.12. 18:00	1182	25.05. 06:00
2009	3120	21.12. 18:00	1151	13.04. 05:00
2010	3121	16.12. 18:00	1113	23.05. 06:00

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

Godina Year	GWh
2008	23268
2009	23447
2010	25114

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

Godina Year	GWh	%
2008	484	2,08
2009	511	2,18
2010	598	2,38

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	82	212	4217

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

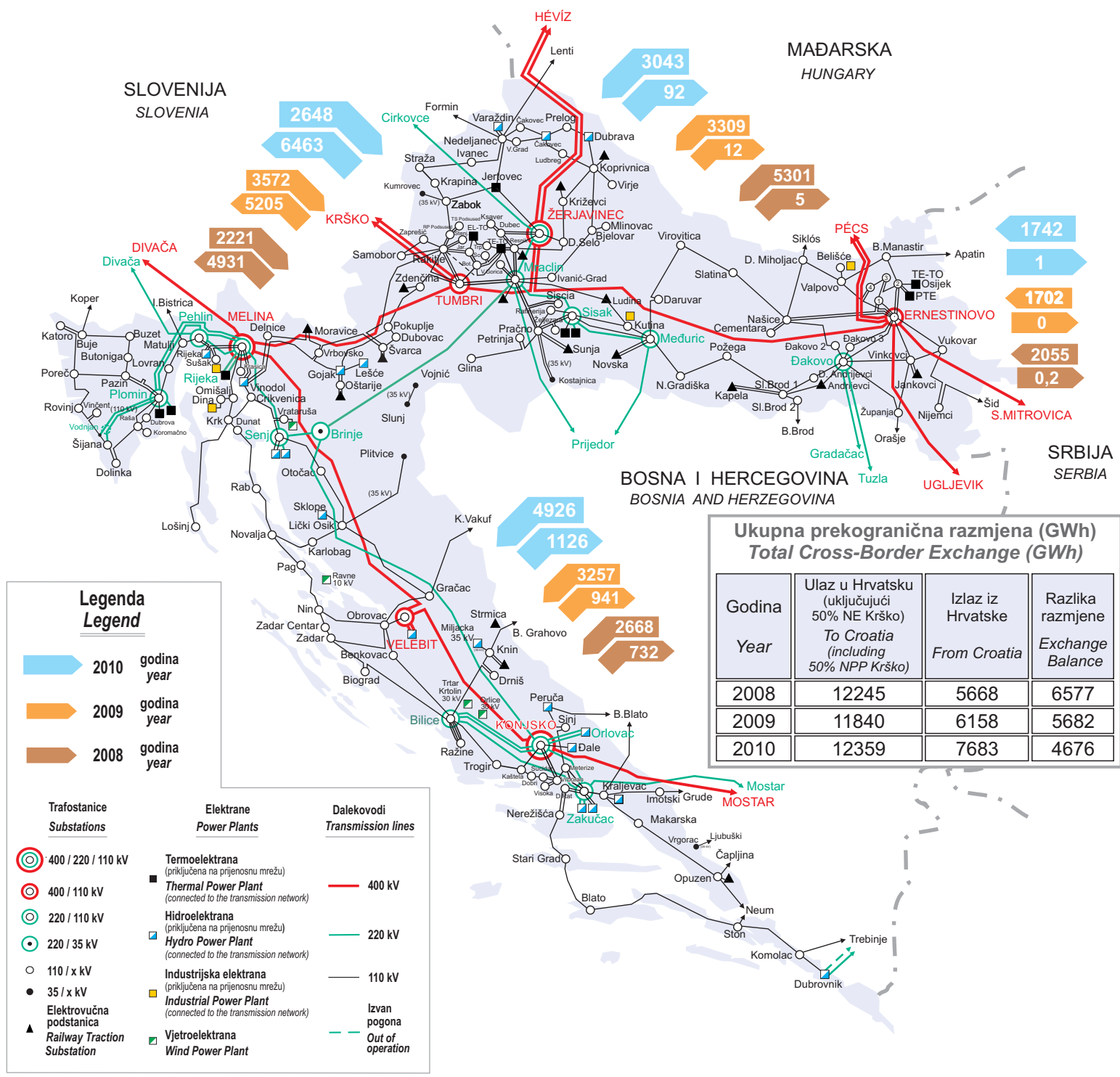
Godina Year	GWh
2008	979
2009	814
2010	852

\* 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.



**Ukupna prekogranična razmjena (GWh)**  
**Total Cross-Border Exchange (GWh)**

Godina Year	Ulaz u Hrvatsku (uključujući 50% NE Krško) To Croatia (including 50% NPP Krško)	Izlaz iz Hrvatske From Croatia	Razlika razmjene Exchange Balance
2008	12245	5668	6577
2009	11840	6158	5682
2010	12359	7683	4676

Napon Voltage Level	Duljina (km) Circuit Length (km)
400 kV	1247
220 kV	1210
110 kV	4789
Srednji napon Medium Voltage	211
<b>Ukupno</b> <b>Total</b>	<b>7457</b>

**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**

**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	114	4961
<b>Ukupno</b> <b>Total</b>	<b>125</b>	<b>11181</b>

- Značajnija prijenosna postrojenja stavljena u pogon 2010.:
- Novi dalekovod 2x400 kV Ernestinovo-Pečuh
  - Novi dalekovod 2x110 kV Vinodol-Melina
  - Novi dalekovod 110 kV Plomin-Tupljak-Pazin
  - Dalekovod HE Gojak-HE Lešće pušten u pogon pod 110 kV
  - Nova trafostanica 110/20(35) kV Vrbovsko

- Main transmission facilities commissioned during the year 2010:
- New transmission line 2x400 kV Ernestinovo-Pécs
  - New transmission line 2x110 kV Vinodol-Melina
  - New transmission line 110 kV Plomin-Tupljak-Pazin
  - Transmission line HPP Gojak-HPP Lešće put in operation under 110 kV
  - New substation 110/20(35) kV Vrbovsko