

Preliminarni temeljni podaci*
Basic Preliminary Data**

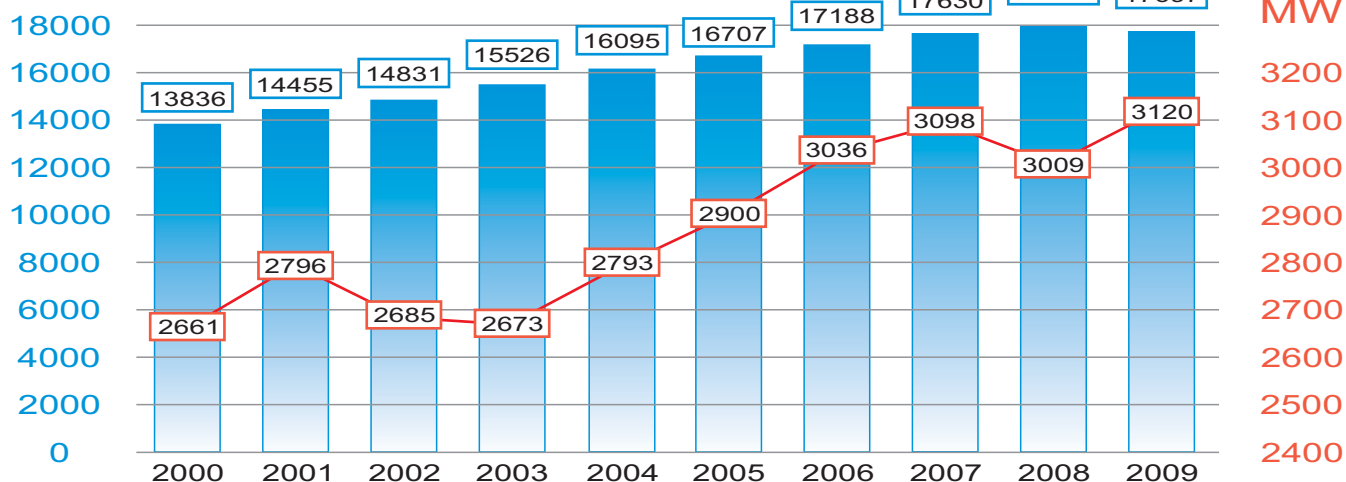
2009

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

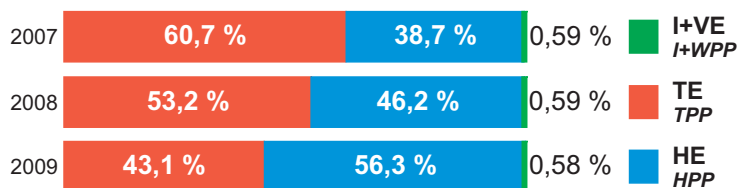
17697 Godišnji konzum (Annual Demand)

3120 Vršno opterećenje sustava (System Peak Load)

GWh

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

Godina Year	Termoelektrane Thermal Power Plants	Hidroelektrane Hydro Power Plants	Industrijske i vjetroelektrane Industrial and Wind Power Plants	Ukupno Total
2007	6846	4357	66	11269
2008	6075	5277	67	11419
2009	5178	6767	70	12015

*** Preuzeto u prijenosnu idistribucijsku 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
2007	3098	17.12. 18:00	1143	02.05. 04:00
2008	3009	31.12. 18:00	1182	25.05. 06:00
2009	3120	21.12. 18:00	1151	13.04. 05:00

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

Godina Year	GWh
2007	22780
2008	23268
2009	23447

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

Godina Year	GWh	%
2007	547	2,31
2008	484	2,08
2009	511	2,18

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

Termoelektrane Thermal Power Plants	Hidroelektrane Hydro Power Plants	Industrijske i vjetroelektrane Industrial and Wind Power Plants	Ukupno Total
1811	2069	284	4164

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

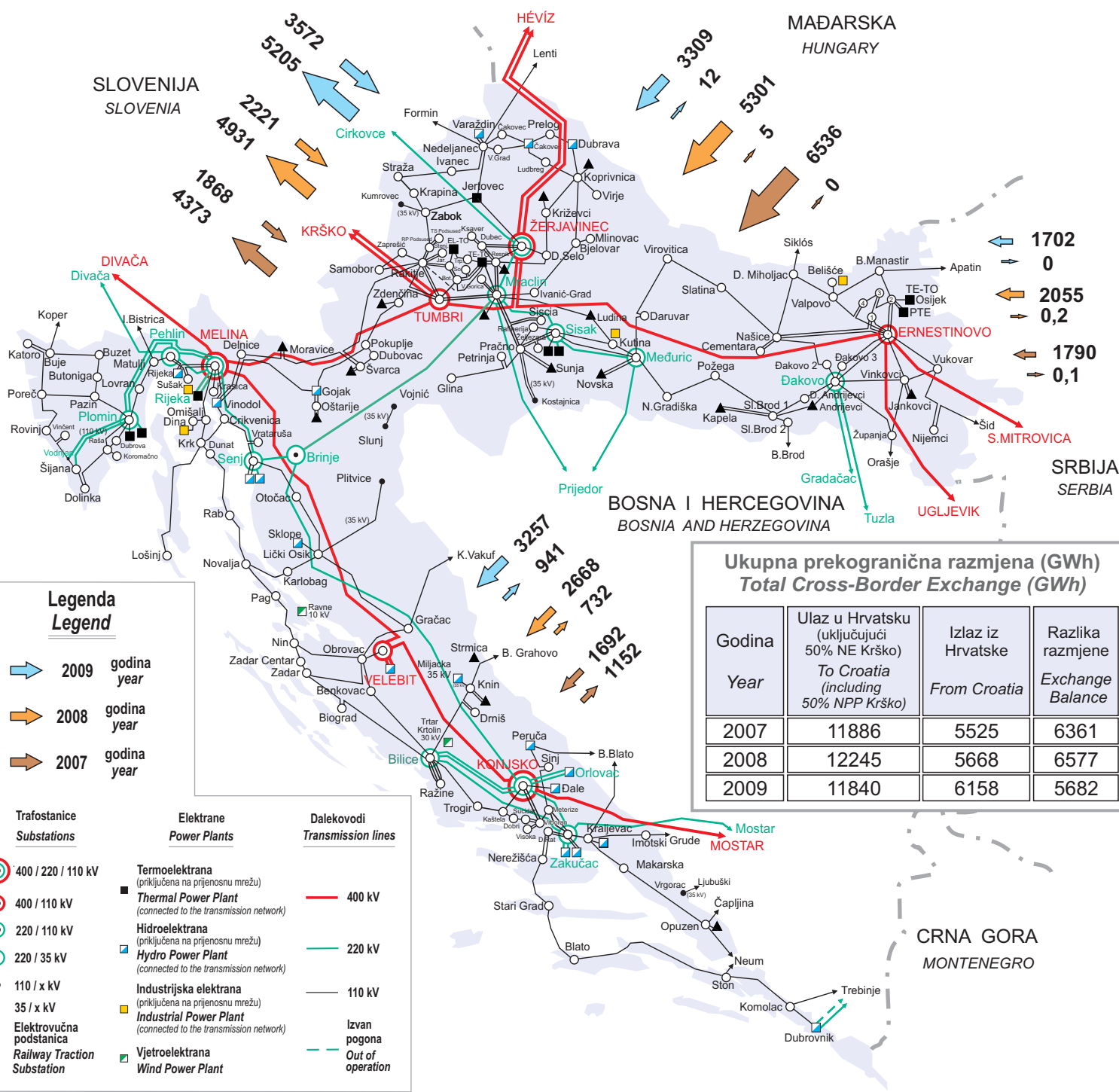
Godina Year	GWh
2007	920
2008	979
2009	814

* 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.



Napon Voltage Level	Duljina (km) Circuit Length (km)
400 kV	1159
220 kV	1210
110 kV	4755
Srednji napon Medium Voltage	192
Ukupno Total	7315

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	112	4881
Ukupno Total	123	11101

Značajnija prijenosna postrojenja stavljena u pogon 2009.:

- Obnovljen dalekovod 220 kV Mraclin-Prijedor
- Nova trafostanica 110/10(20) kV Osijek 4
- Novi kabel 110 kV Osijek 3-Osijek 4
- Obnovljen dalekovod 110 kV Dubrova-Raša
- Nova trafostanica 30/110 kV Vrataruša

Main transmission facilities commissioned during the year 2009:

- Refurbished transmission line 220 kV Mraclin-Prijedor
- New substation 110/10(20) kV Osijek 4
- New cable line 110 kV Osijek 3-Osijek 4
- Refurbished transmission line 110 kV Dubrova-Raša
- New substation 30/110 kV Vrataruša